

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004601.D
 Acq On : 15 Sep 2018 23:33
 Operator : JC/MD
 Sample : VX0915WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 6:27:28 PM

Quant Time: Sep 17 08:50:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	338500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	167016	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
35) Dibromofluoromethane	5.51	113	146713	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.72	98	481148	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
62) 4-Bromofluorobenzene	11.14	95	174643	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47621	19.09	ug/l	95
3) Chloromethane	1.32	50	63805	18.58	ug/l	96
4) Vinyl Chloride	1.40	62	67749	19.22	ug/l	95
5) Bromomethane	1.64	94	30830	20.19	ug/l	98
6) Chloroethane	1.72	64	47500	20.84	ug/l #	88
7) Trichlorofluoromethane	1.93	101	88479	18.94	ug/l	100
8) Diethyl Ether	2.19	74	40680	19.42	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55532	18.74	ug/l	98
10) Methyl Iodide	2.51	142	42231	15.16	ug/l	98
11) Tert butyl alcohol	3.06	59	79129	96.60	ug/l	100
12) 1,1-Dichloroethene	2.37	96	54224	19.49	ug/l	94
13) Acrolein	2.29	56	51881	160.45	ug/l	95
14) Allyl chloride	2.73	41	103740	18.14	ug/l	95
15) Acrylonitrile	3.15	53	183270	92.91	ug/l	99
16) Acetone	2.45	43	147875	88.26	ug/l	92
17) Carbon Disulfide	2.57	76	151590	18.85	ug/l	99
18) Methyl Acetate	2.78	43	88994	18.93	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	189665	19.43	ug/l	97
20) Methylene Chloride	2.86	84	63540	18.49	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	59327	19.30	ug/l	88
22) Diisopropyl ether	3.87	45	197847	19.21	ug/l	91
23) Vinyl Acetate	3.82	43	792452	95.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	109913	18.90	ug/l	98
25) 2-Butanone	4.70	43	232475	87.18	ug/l	92
26) 2,2-Dichloropropane	4.58	77	61412	15.38	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	67325	19.62	ug/l	98
28) Bromochloromethane	5.02	49	52599	19.77	ug/l	96
29) Tetrahydrofuran	5.16	42	152636	94.92	ug/l	98
30) Chloroform	5.21	83	110294	19.43	ug/l	94
31) Cyclohexane	5.57	56	98219	19.78	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	90541	19.80	ug/l	99
36) 1,1-Dichloropropene	5.80	75	82316	20.03	ug/l	99
37) Ethyl Acetate	4.85	43	87532	18.73	ug/l	100
38) Carbon Tetrachloride	5.79	117	77746	19.37	ug/l	95

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	80928	18.87	ug/l	96
40) Benzene	6.14	78	248785	20.40	ug/l	96
41) Methacrylonitrile	5.06	41	50403	19.57	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82229	20.33	ug/l	99
43) Isopropyl Acetate	6.46	43	122663	19.76	ug/l	99
44) Trichloroethene	7.21	130	61215	19.32	ug/l	96
45) 1,2-Dichloropropane	7.52	63	55324	18.86	ug/l	99
46) Dibromomethane	7.66	93	35612	19.21	ug/l	99
47) Bromodichloromethane	7.90	83	66028	18.84	ug/l	99
48) Methyl methacrylate	7.77	41	58441	19.02	ug/l	97
49) 1,4-Dioxane	7.76	88	28951	398.14	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	381141	87.00	ug/l	98
52) Toluene	8.79	92	135101	18.81	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	76799	18.76	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	77769	18.63	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64271	20.78	ug/l	91
56) Ethyl methacrylate	9.18	69	90180	20.61	ug/l	97
57) 1,3-Dichloropropane	9.37	76	107244	21.34	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	205198	96.63	ug/l	96
59) 2-Hexanone	9.50	43	325801	96.95	ug/l	94
60) Dibromochloromethane	9.59	129	58857	20.21	ug/l	96
61) 1,2-Dibromoethane	9.67	107	56730	19.20	ug/l	98
64) Tetrachloroethene	9.34	164	79400	20.61	ug/l	94
65) Chlorobenzene	10.14	112	151142	19.72	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	51985	19.67	ug/l	100
67) Ethyl Benzene	10.26	91	250112	20.07	ug/l	99
68) m/p-Xylenes	10.36	106	196972	41.04	ug/l	97
69) o-Xylene	10.70	106	94731	20.53	ug/l	97
70) Styrene	10.71	104	158930	20.79	ug/l	99
71) Bromoform	10.86	173	41618	19.18	ug/l #	100
73) Isopropylbenzene	11.02	105	259337	18.56	ug/l	99
74) N-amyl acetate	10.90	43	100520	17.09	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	78905	17.51	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	73171m	17.14	ug/l	
77) Bromobenzene	11.26	156	68278	17.68	ug/l	97
78) n-propylbenzene	11.36	91	292657	18.21	ug/l	100
79) 2-Chlorotoluene	11.42	91	177317	18.20	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	234558	19.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20697	15.45	ug/l	98
82) 4-Chlorotoluene	11.51	91	219527	19.30	ug/l	97
83) tert-Butylbenzene	11.77	119	237548	21.24	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	263982	22.01	ug/l	99
85) sec-Butylbenzene	11.95	105	313251	21.98	ug/l	97
86) p-Isopropyltoluene	12.07	119	265704	21.11	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	147121	20.41	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	145055	19.48	ug/l	97
89) n-Butylbenzene	12.39	91	211181	18.41	ug/l	98
90) Hexachloroethane	12.60	117	39064	19.39	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	143723	19.70	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19569	20.33	ug/l	99

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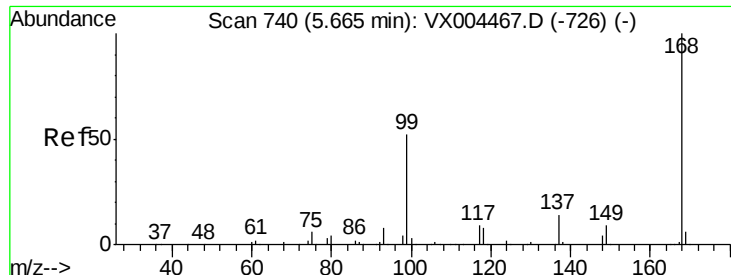
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111934	21.67	ug/l	97
94) Hexachlorobutadiene	13.79	225	55545	20.59	ug/l	98
95) Naphthalene	13.83	128	336888	23.26	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	110302	20.79	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion:168 Resp: 266234

Ion Ratio Lower Upper

168 100

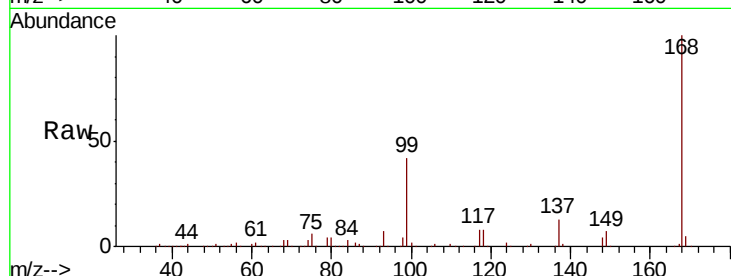
99 42.1 39.9 59.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

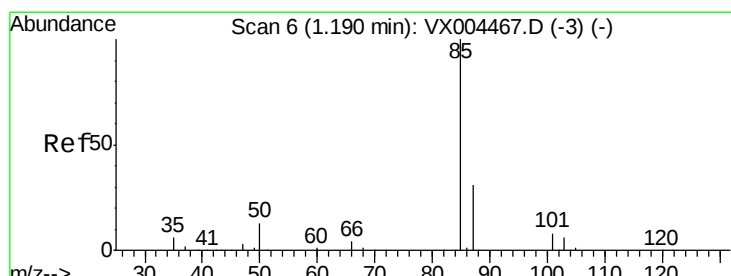
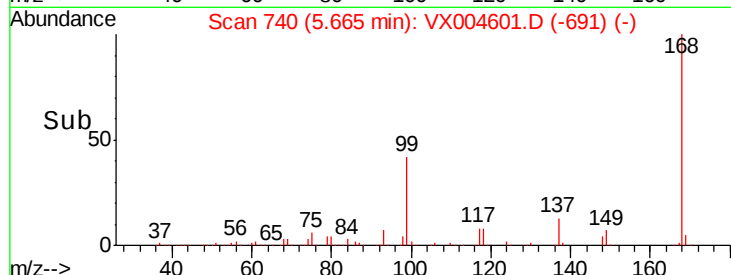
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.09 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.01 min

Lab File: VX004601.D

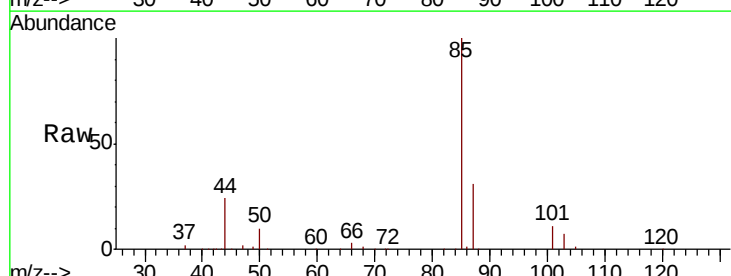
Acq: 15 Sep 2018 23:33

Tgt Ion: 85 Resp: 47621

Ion Ratio Lower Upper

85 100

87 31.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

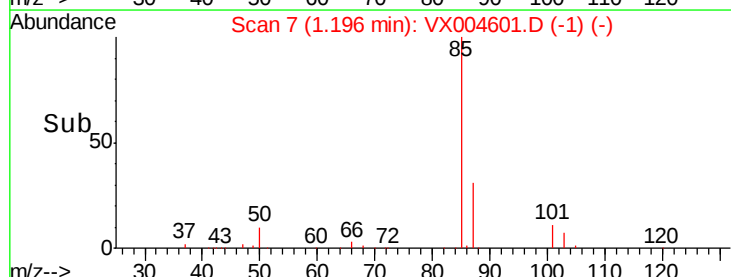
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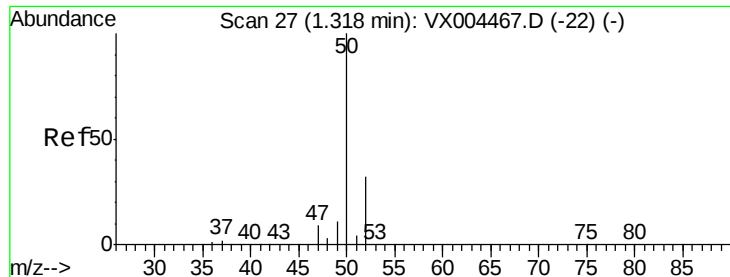
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.58 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion: 50 Resp: 63805

Ion Ratio Lower Upper

50 100

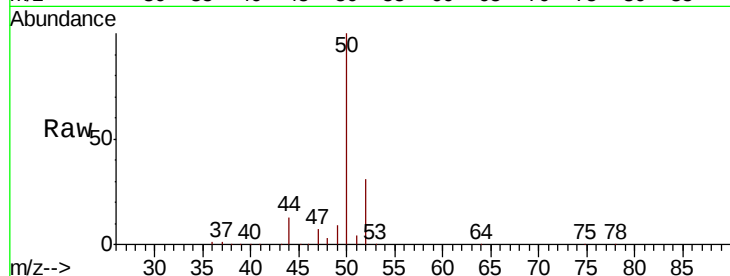
52 30.7 26.2 39.2

Manual Integrations

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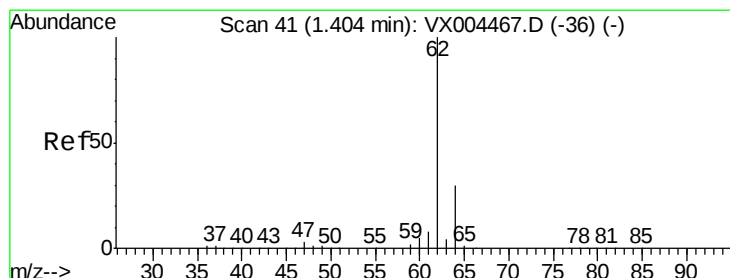
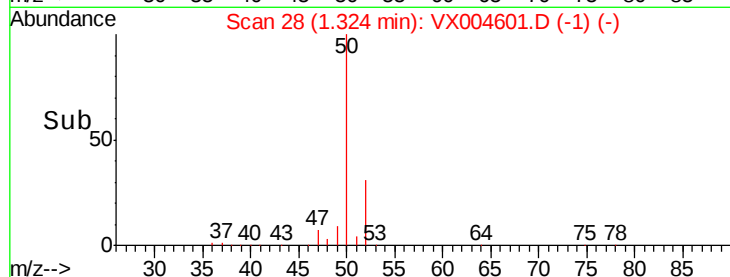
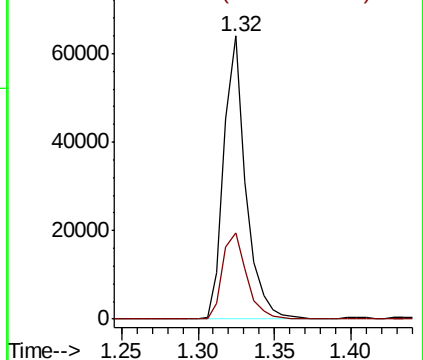
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.22 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004601.D

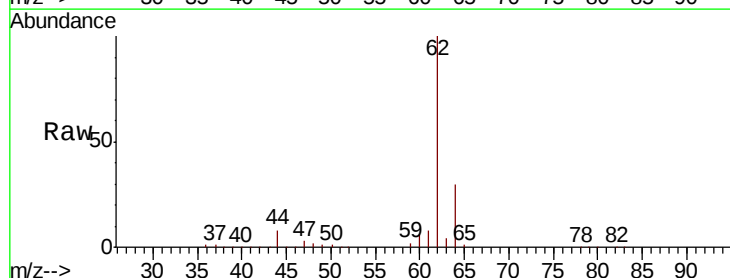
Acq: 15 Sep 2018 23:33

Tgt Ion: 62 Resp: 67749

Ion Ratio Lower Upper

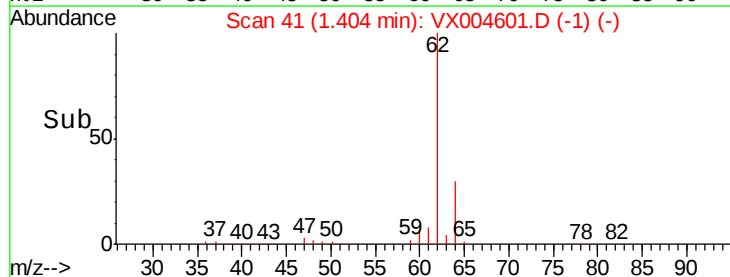
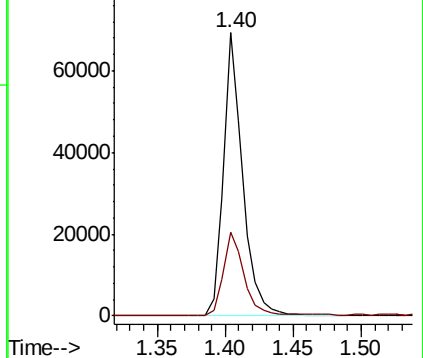
62 100

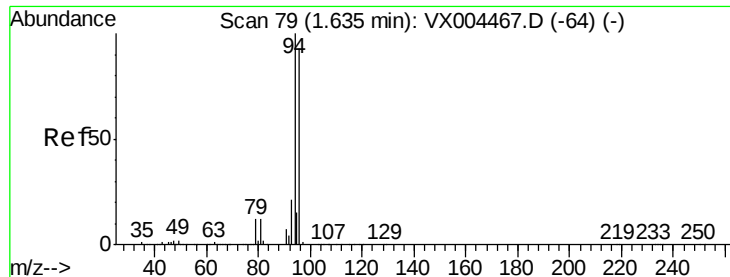
64 29.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.19 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion: 94 Resp: 30830

Ion Ratio Lower Upper

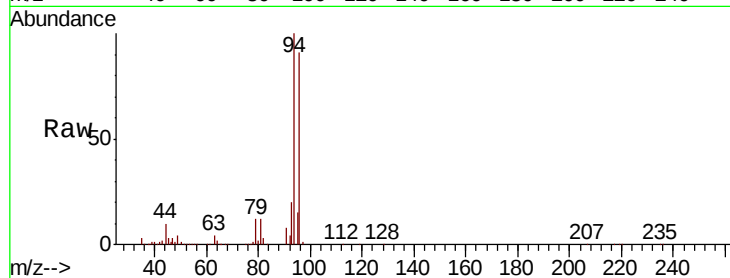
94 100

96 91.2 74.5 111.7

Manual Integrations
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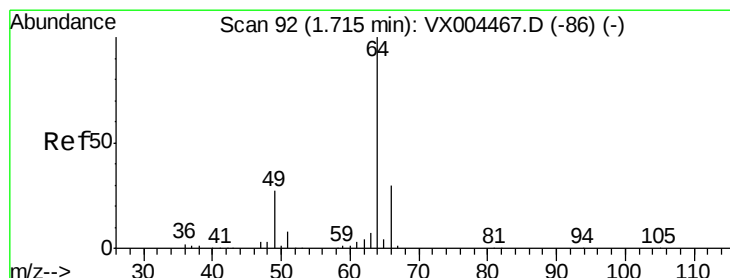
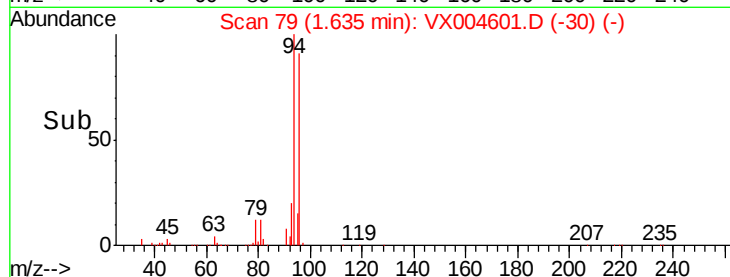
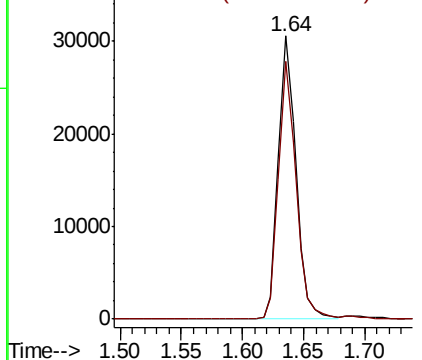
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.84 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004601.D

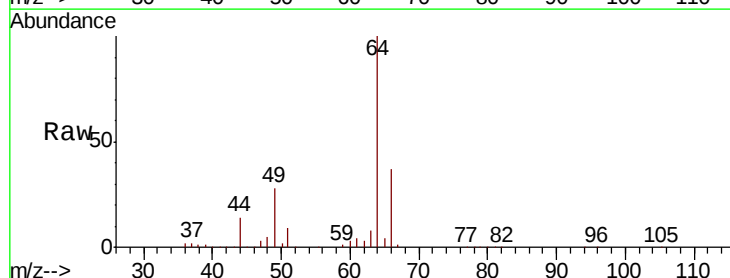
Acq: 15 Sep 2018 23:33

Tgt Ion: 64 Resp: 47500

Ion Ratio Lower Upper

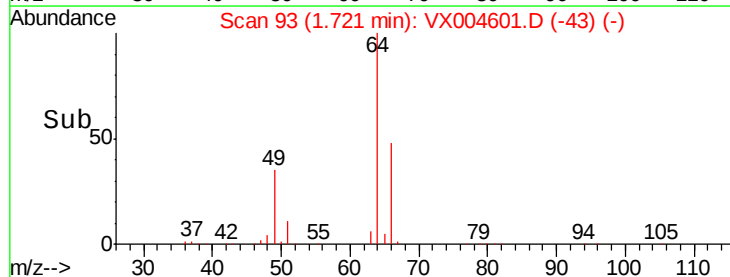
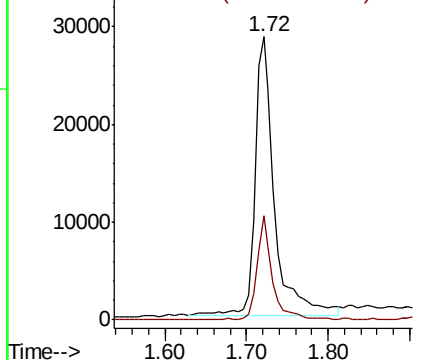
64 100

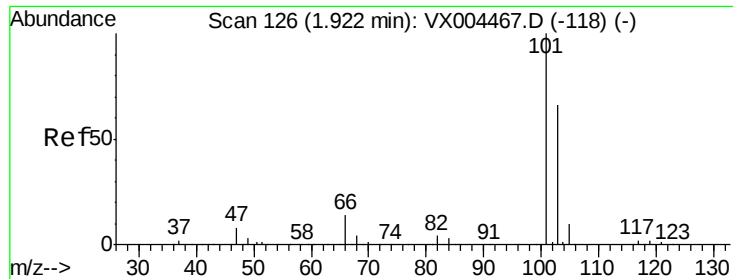
66 37.3 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 18.94 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion:101 Resp: 88479

Ion Ratio Lower Upper

101 100

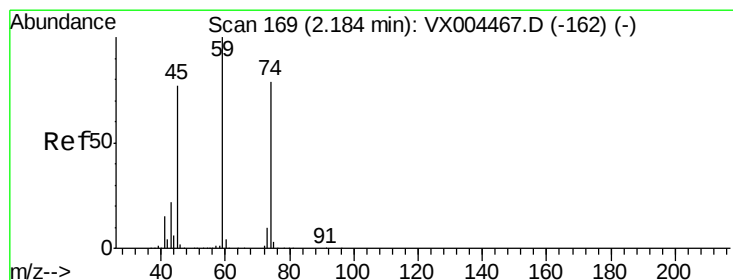
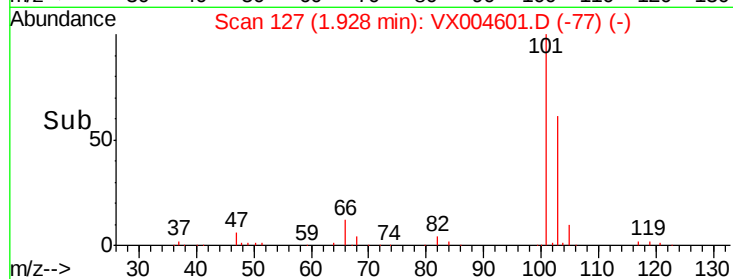
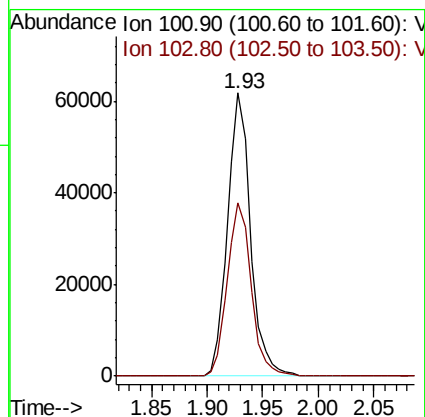
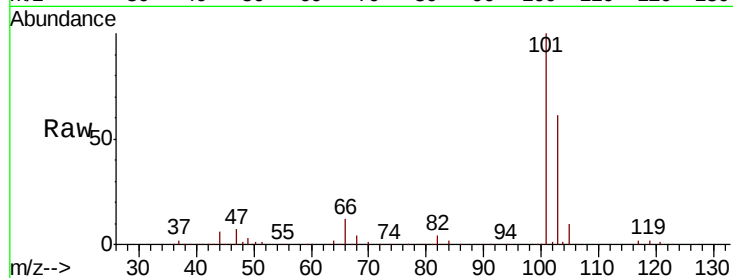
103 61.4 48.9 73.3

Manual Integrations

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#8

Diethyl Ether

Concen: 19.42 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX004601.D

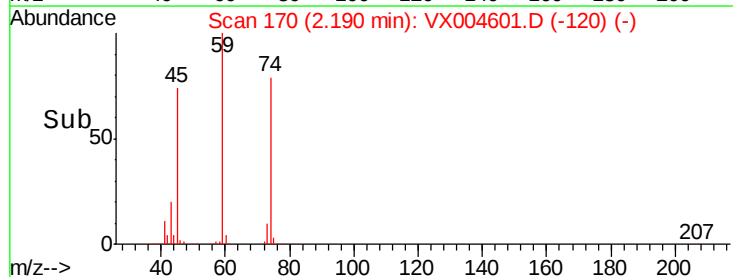
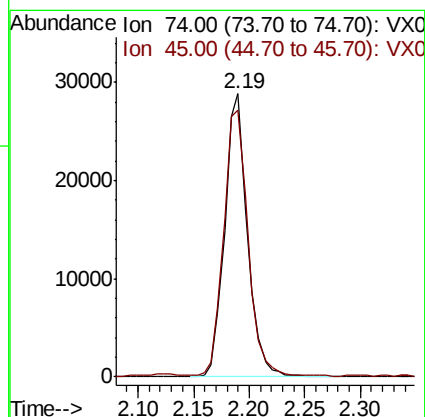
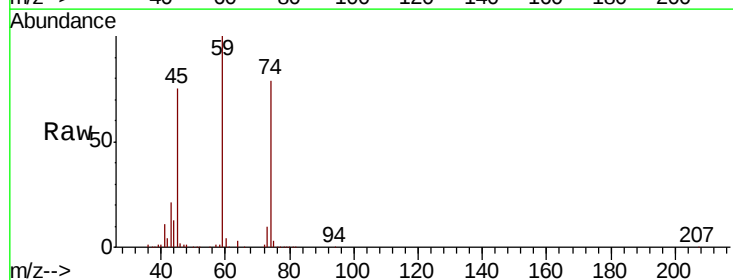
Acq: 15 Sep 2018 23:33

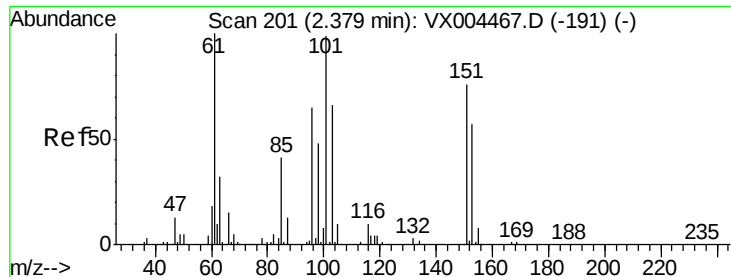
Tgt Ion: 74 Resp: 40680

Ion Ratio Lower Upper

74 100

45 100.5 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.74 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

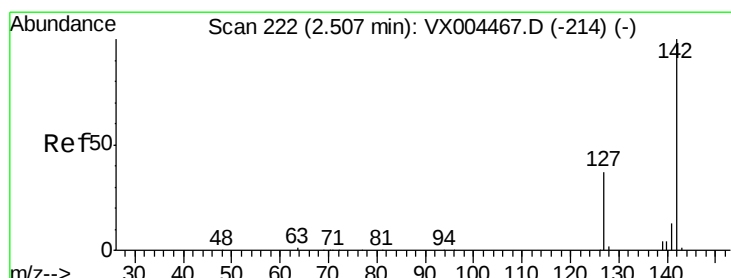
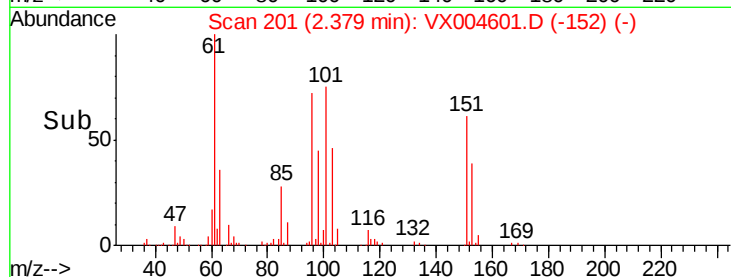
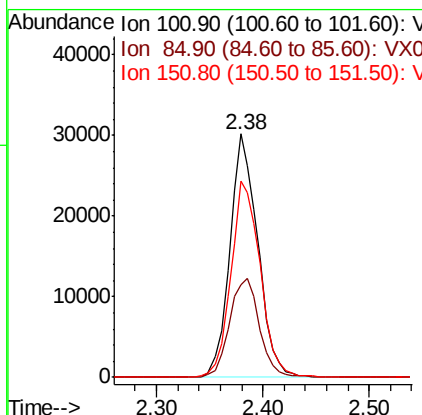
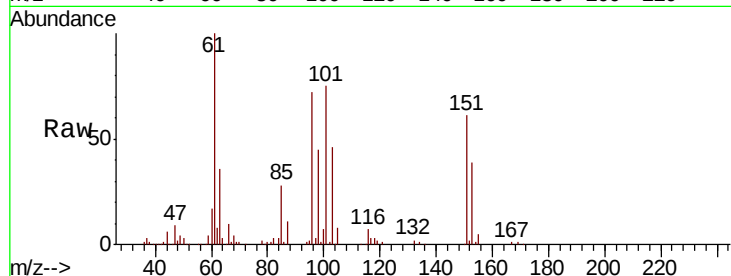
ClientSampleId :

VX0915WBS02

Tot Ion:	101	Resp:	55532
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.2	51.4
151	84.3	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 15.16 ug/l

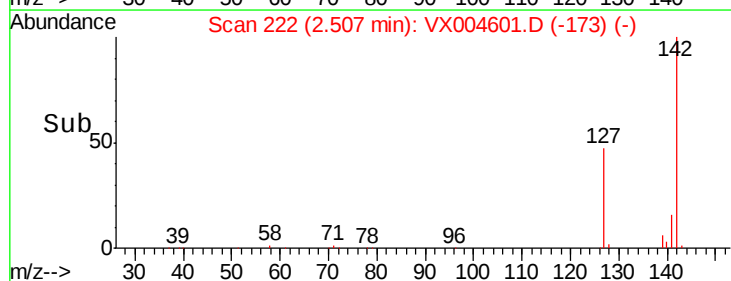
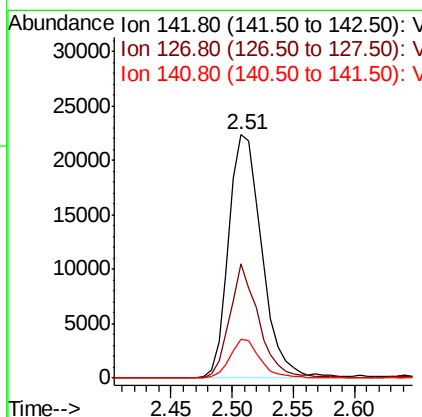
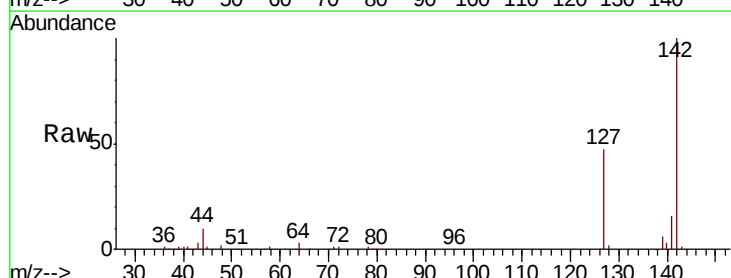
RT: 2.51 min Scan# 222

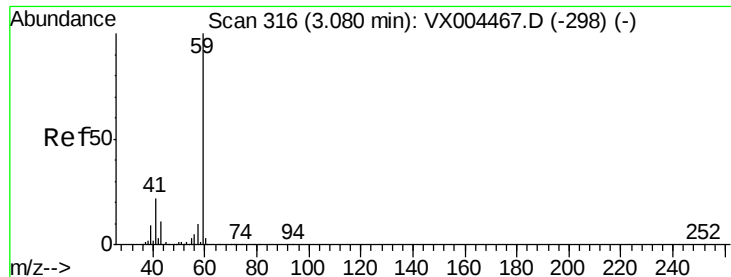
Delta R.T. 0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Tgt Ion:	142	Resp:	42231
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.8	50.6
141	14.3	11.4	17.0





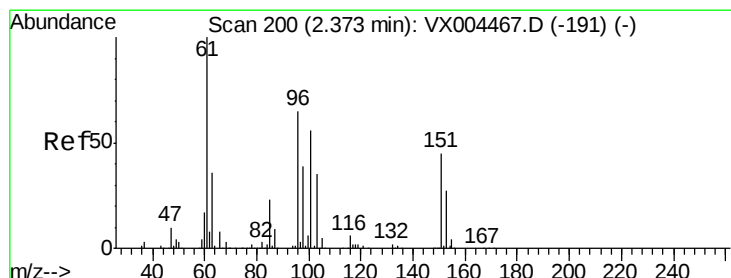
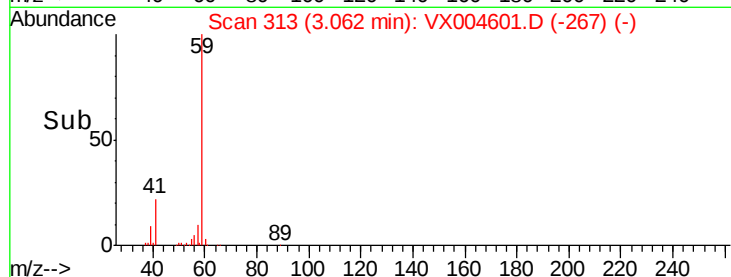
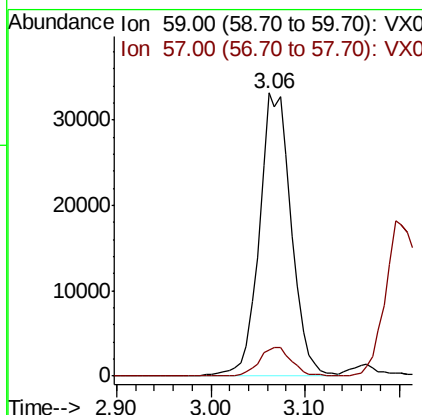
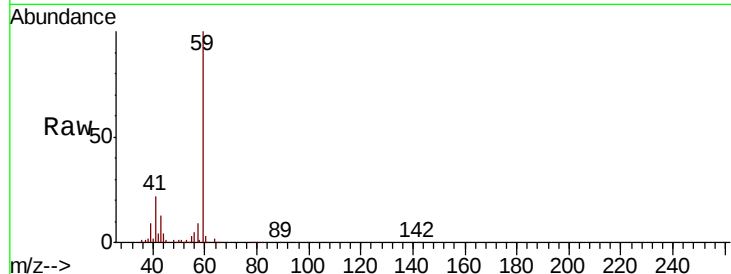
#11
Tert butyl alcohol
Concen: 96.60 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion: 59 Resp: 79129
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

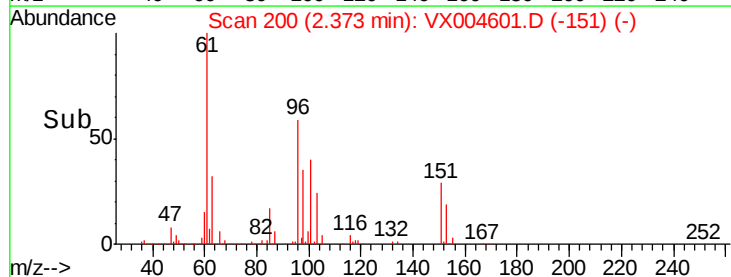
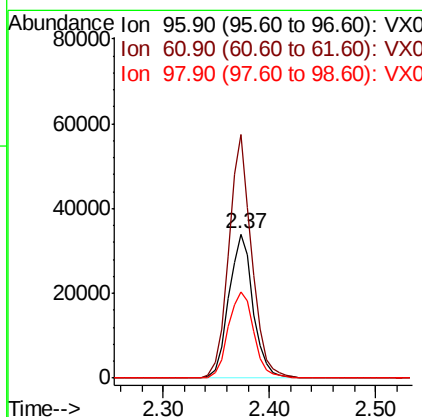
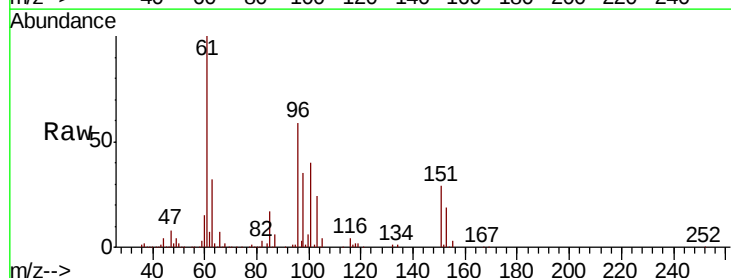
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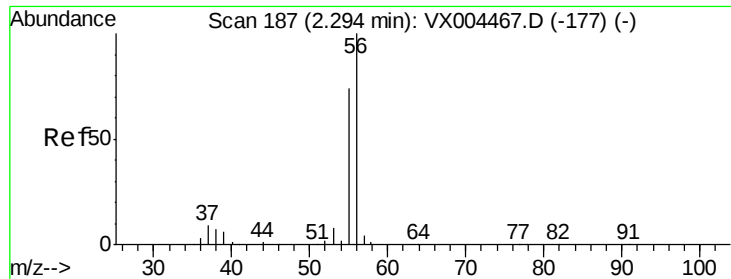
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.49 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion: 96 Resp: 54224
Ion Ratio Lower Upper
96 100
61 168.8 128.8 193.2
98 59.9 52.2 78.2





#13

Acrolein

Concen: 160.45 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion: 56 Resp: 51881

Ion Ratio Lower Upper

56 100

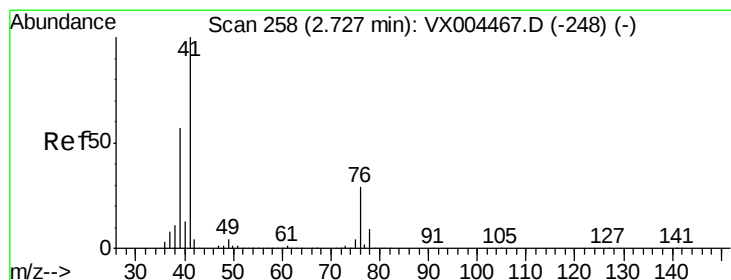
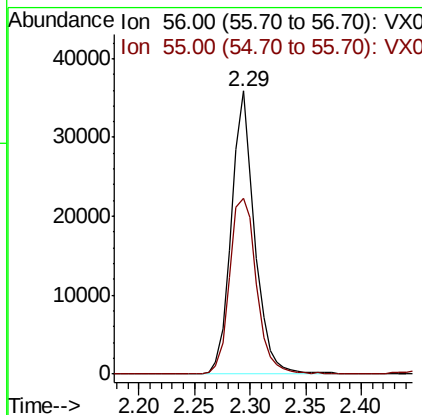
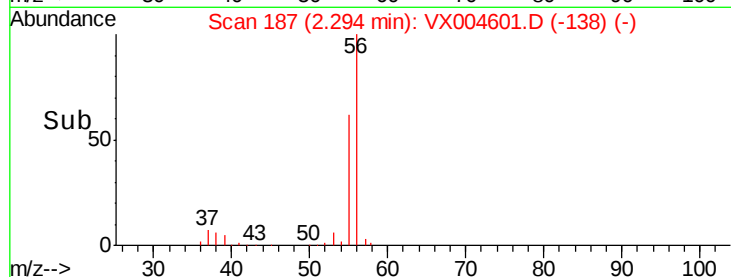
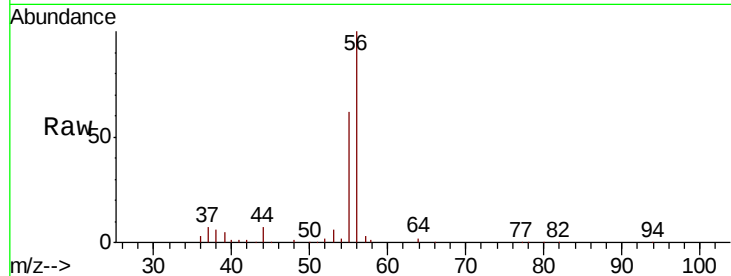
55 72.3 54.7 82.1

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#14

Allyl chloride

Concen: 18.14 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

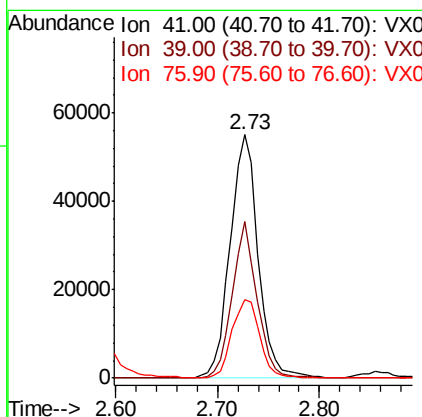
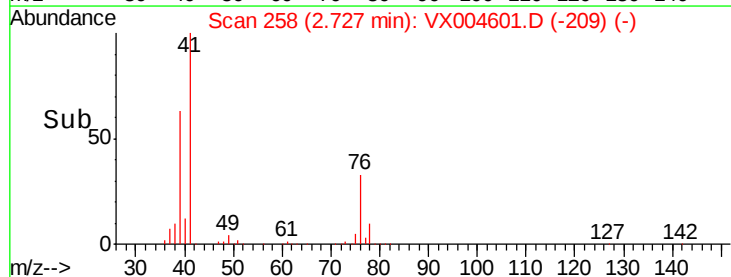
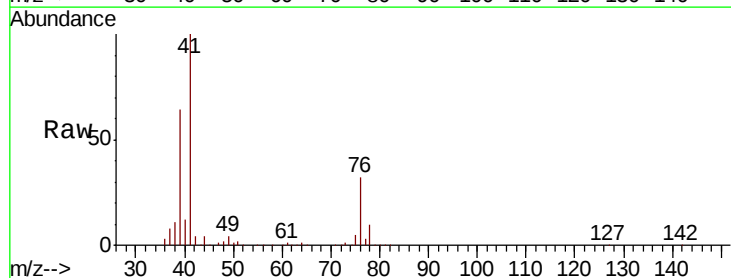
Tgt Ion: 41 Resp: 103740

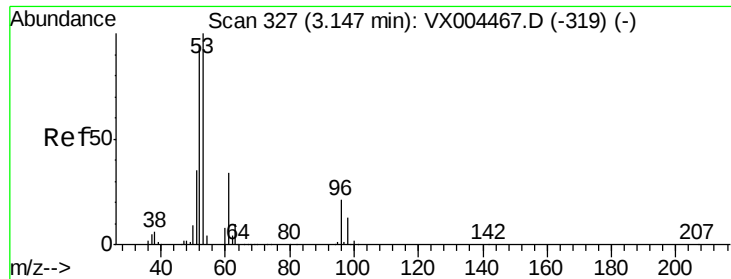
Ion Ratio Lower Upper

41 100

39 56.6 48.9 73.3

76 32.2 26.7 40.1





#15

Acrylonitrile

Concen: 92.91 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

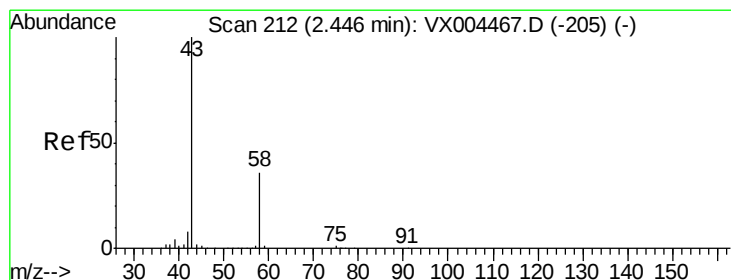
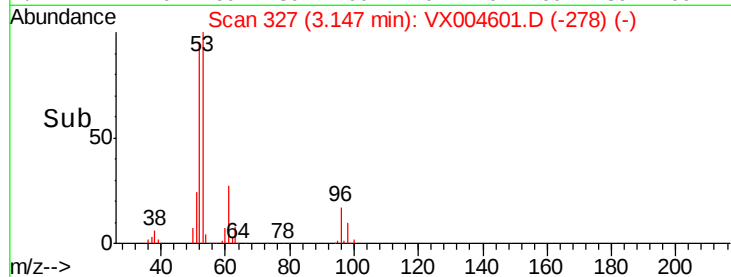
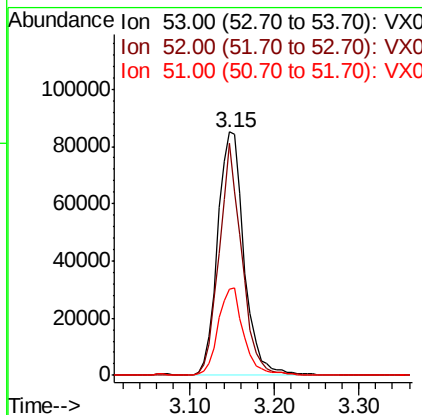
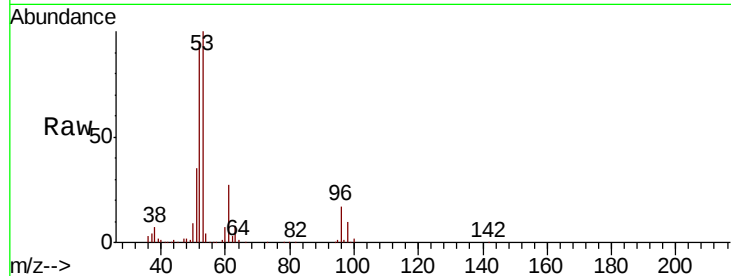
ClientSampleId :

VX0915WBS02

Tot Ion:	53	Resp:	183270
Ion Ratio		Lower	Upper
53	100		
52	82.1	65.2	97.8
51	34.9	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 88.26 ug/l

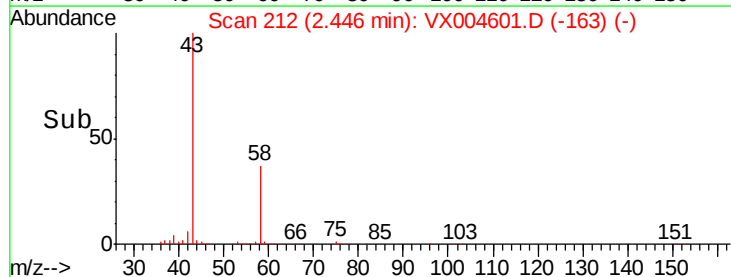
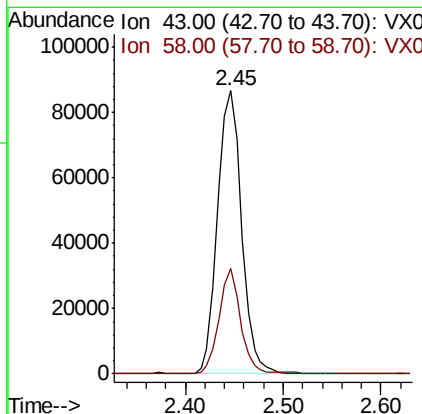
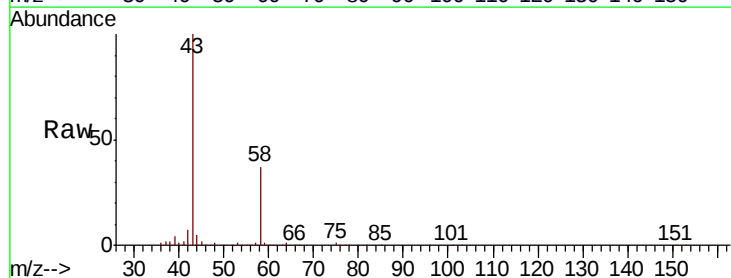
RT: 2.45 min Scan# 212

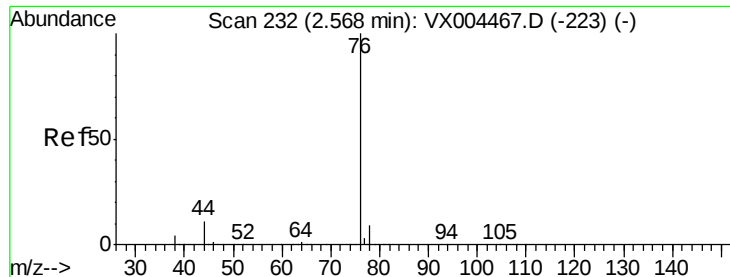
Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Tgt Ion:	43	Resp:	147875
Ion Ratio		Lower	Upper
43	100		
58	37.1	26.2	39.4





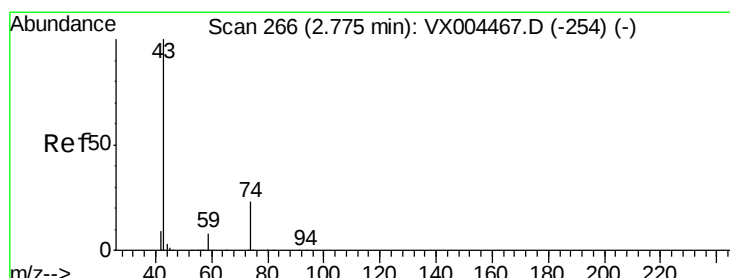
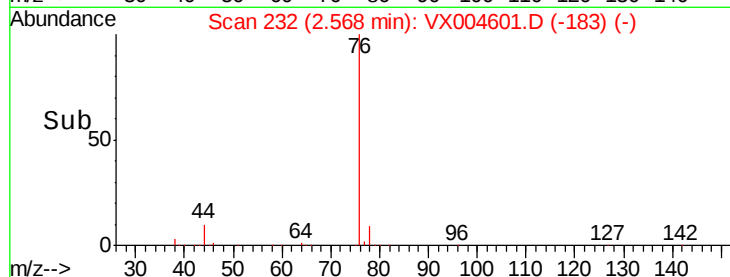
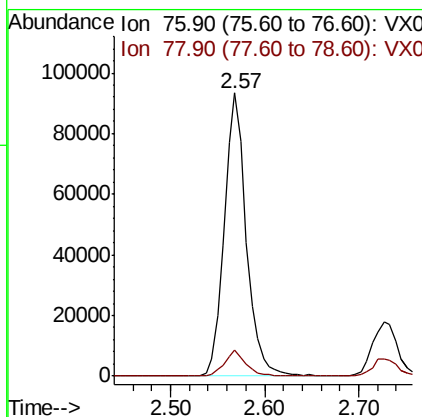
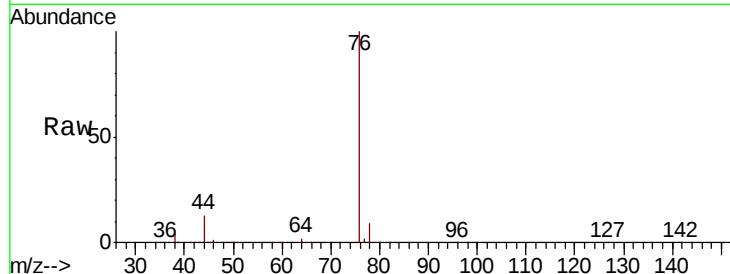
#17
Carbon Disulfide
Concen: 18.85 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

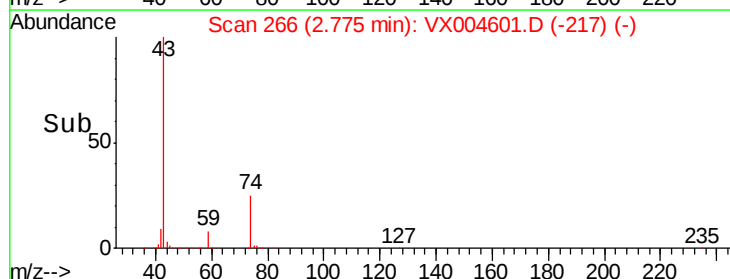
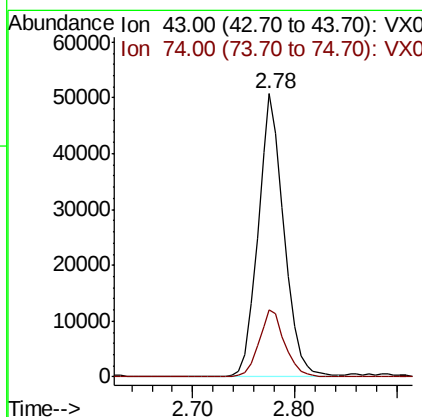
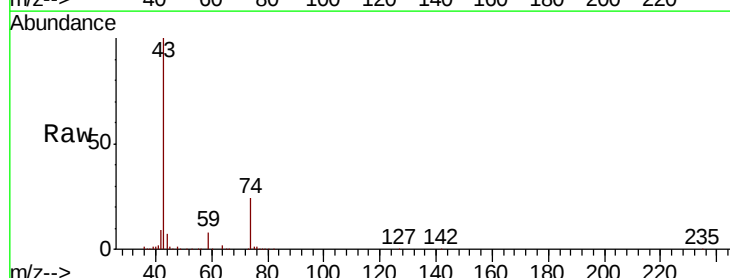
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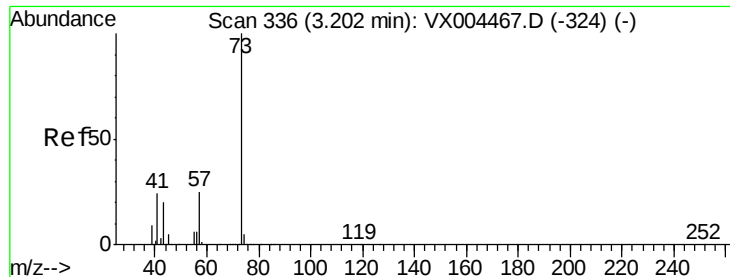
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#18
Methyl Acetate
Concen: 18.93 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





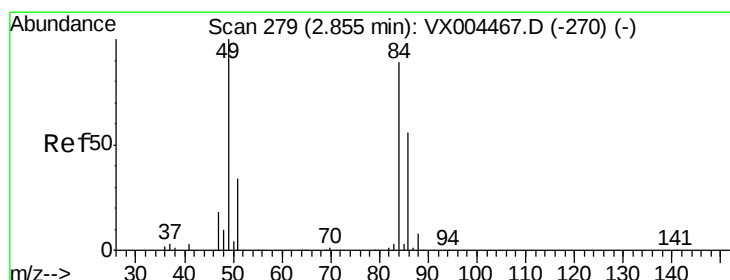
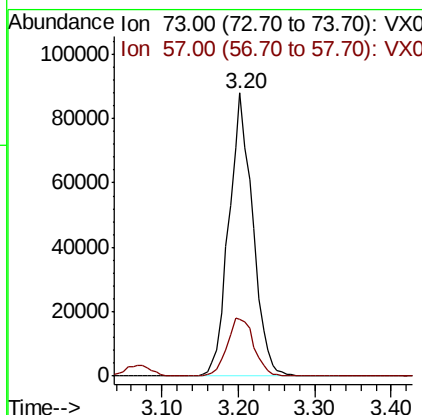
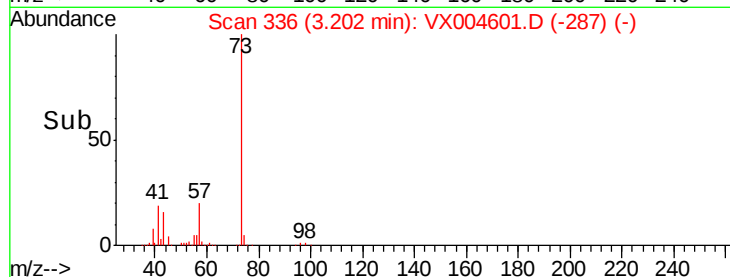
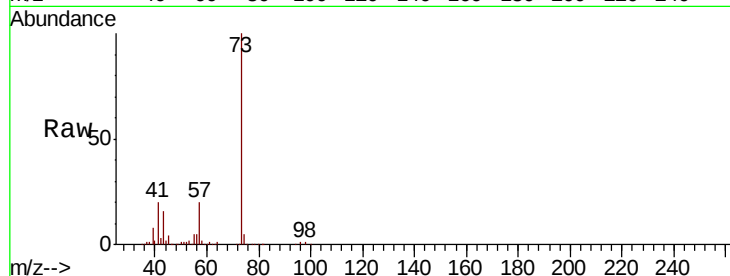
#19
Methyl tert-butyl Ether
Concen: 19.43 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleID :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	17.1	25.7

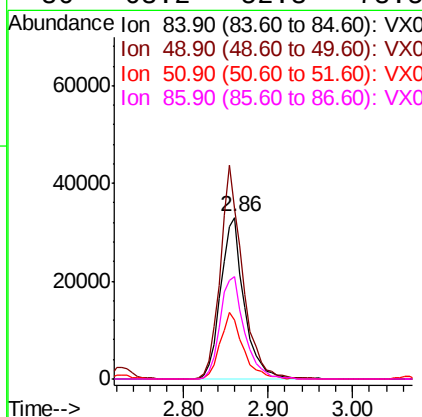
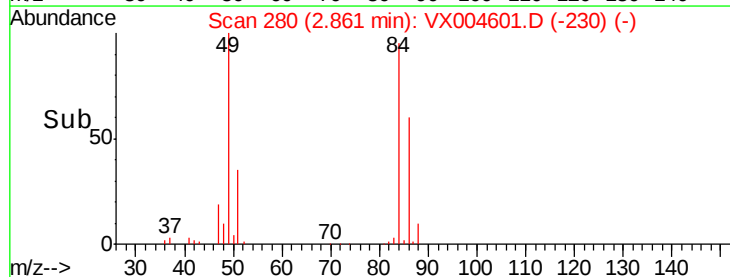
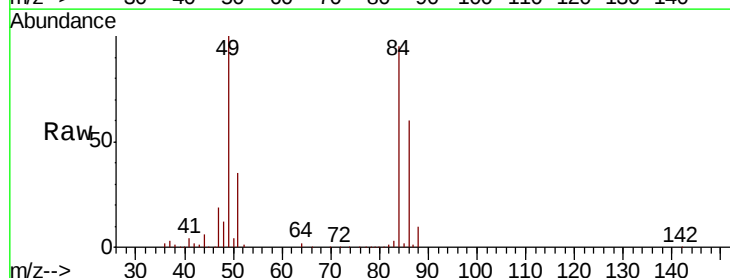
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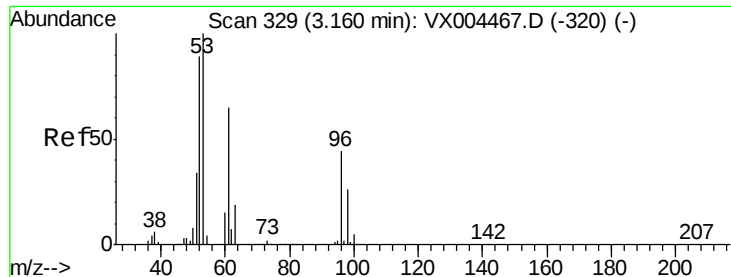
MMDadoda
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#20
Methylene Chloride
Concen: 18.49 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.1	101.2	151.8
51	36.7	29.5	44.3
86	63.2	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 19.30 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

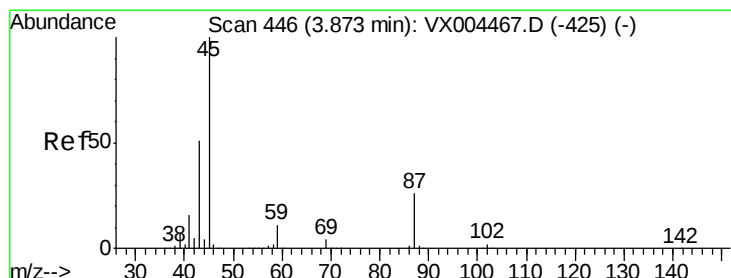
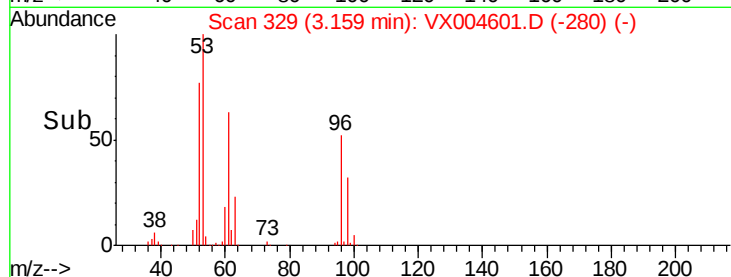
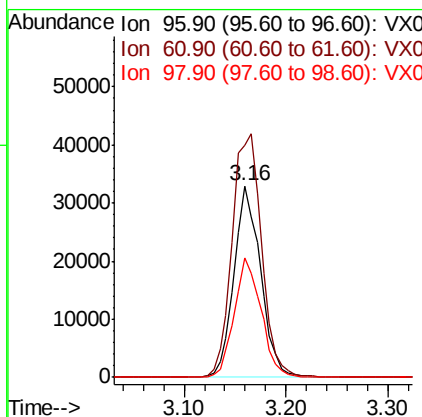
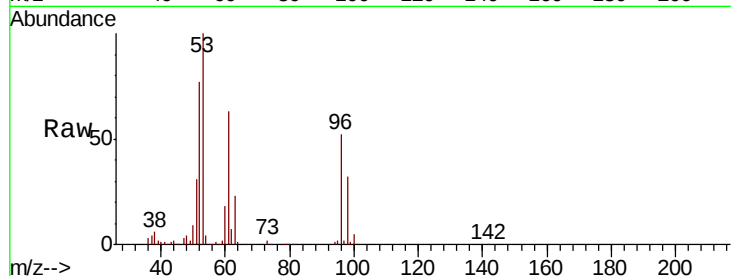
ClientSampleId :

VX0915WBS02

Tot Ion:	96	Resp:	59327
Ion	Ratio	Lower	Upper
96	100		
61	121.6	113.8	170.6
98	62.5	51.8	77.8

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#22

Diisopropyl ether

Concen: 19.21 ug/l

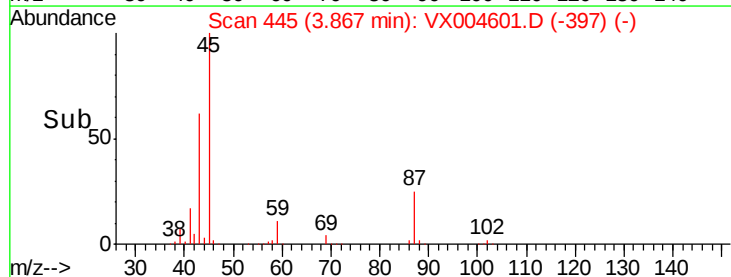
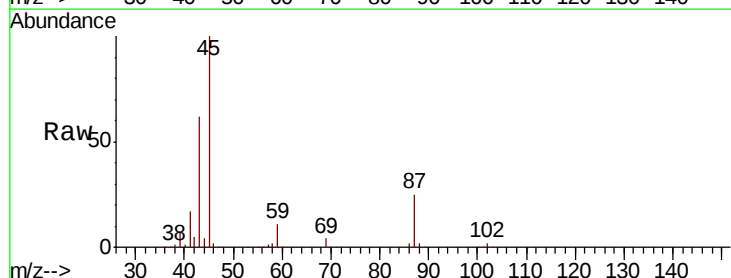
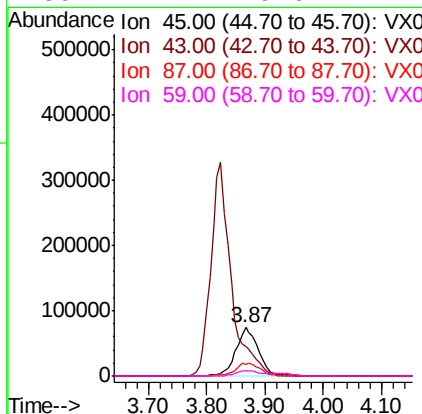
RT: 3.87 min Scan# 445

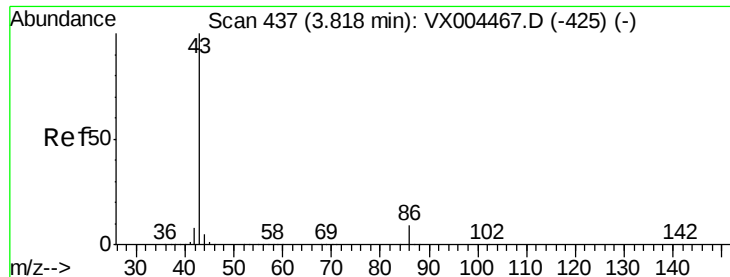
Delta R.T. -0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Tgt Ion:	45	Resp:	197847
Ion	Ratio	Lower	Upper
45	100		
43	62.1	42.8	64.2
87	25.3	22.6	34.0
59	11.2	9.6	14.4





#23

Vinyl Acetate

Concen: 95.07 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion: 43 Resp: 792452

Ion Ratio Lower Upper

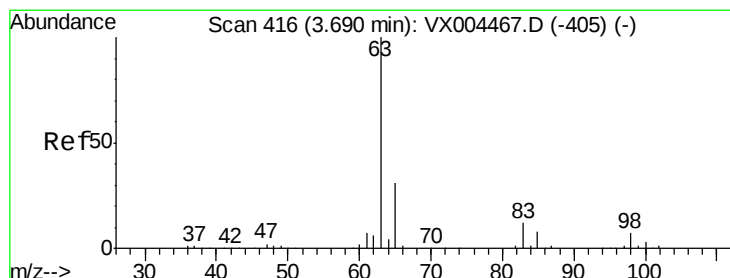
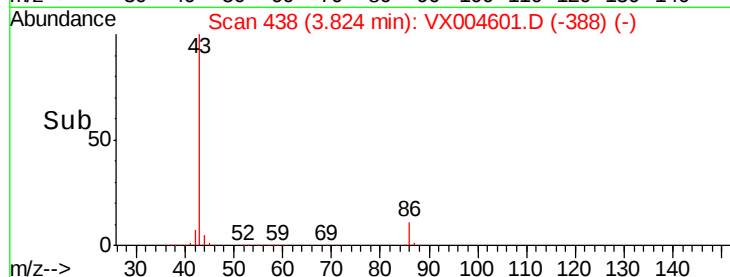
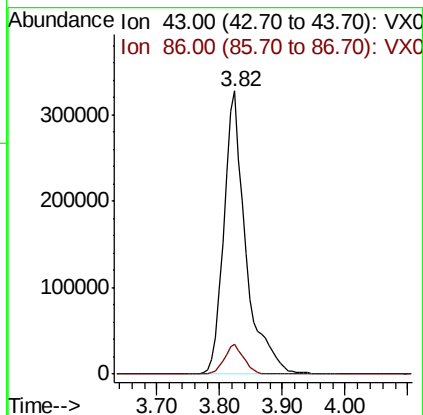
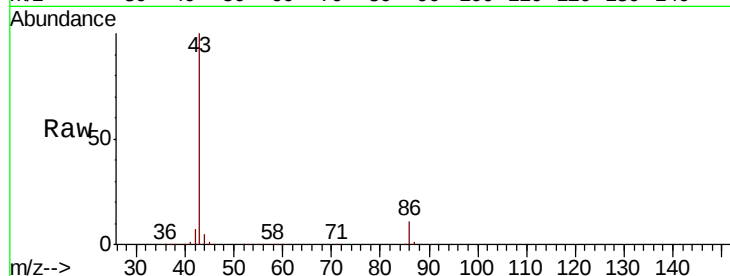
43 100

86 10.7 8.9 13.3

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#24

1,1-Dichloroethane

Concen: 18.90 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

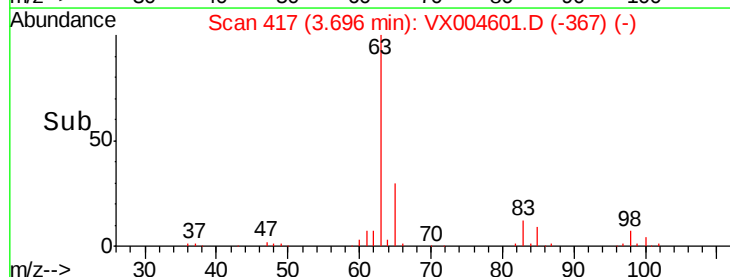
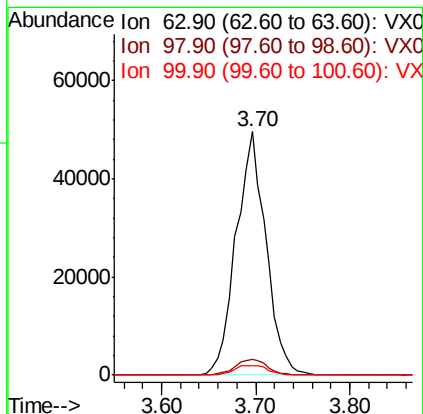
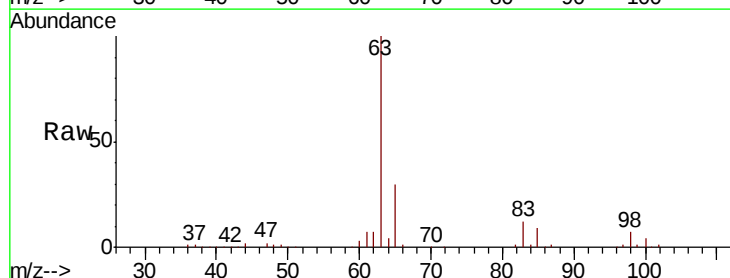
Tgt Ion: 63 Resp: 109913

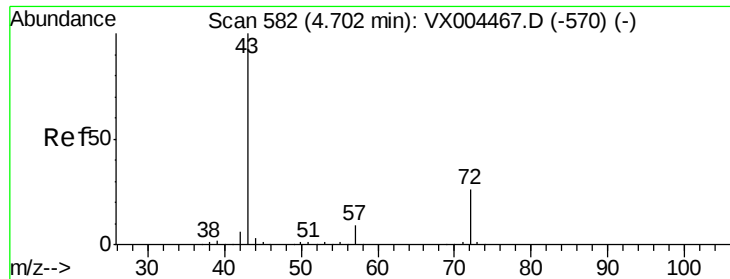
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.0 2.4 7.1





#25

2-Butanone

Concen: 87.18 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion: 43 Resp: 232475

Ion Ratio Lower Upper

43 100

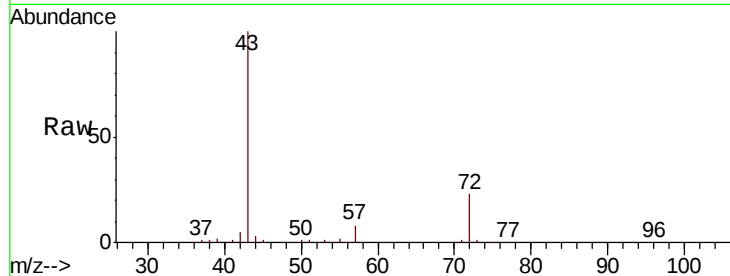
72 23.3 22.0 33.0

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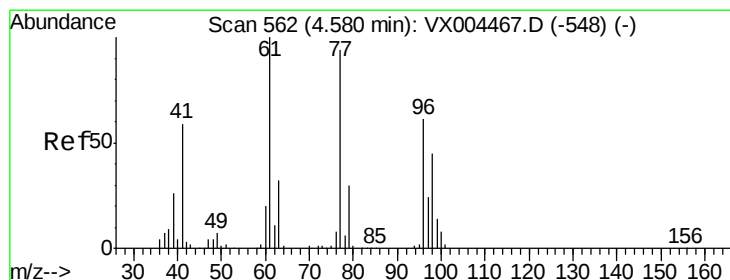
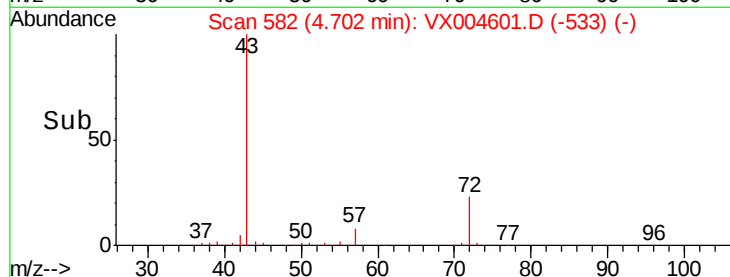
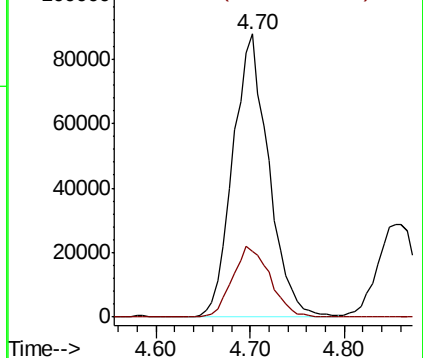
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.38 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004601.D

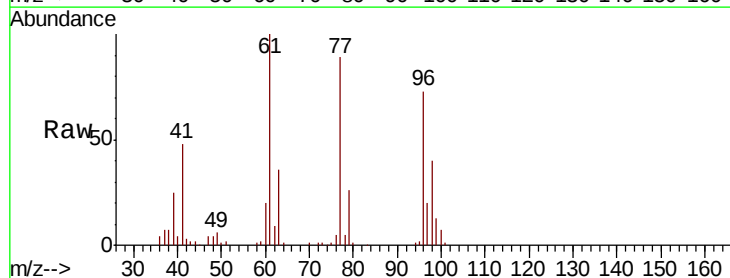
Acq: 15 Sep 2018 23:33

Tgt Ion: 77 Resp: 61412

Ion Ratio Lower Upper

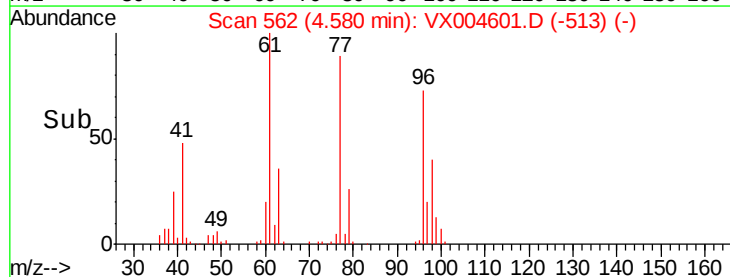
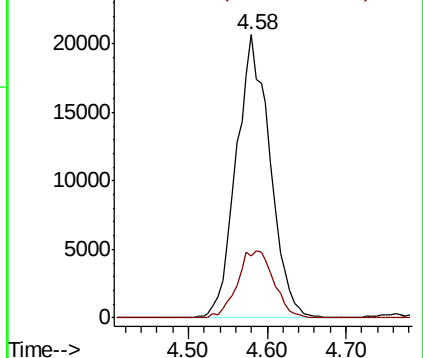
77 100

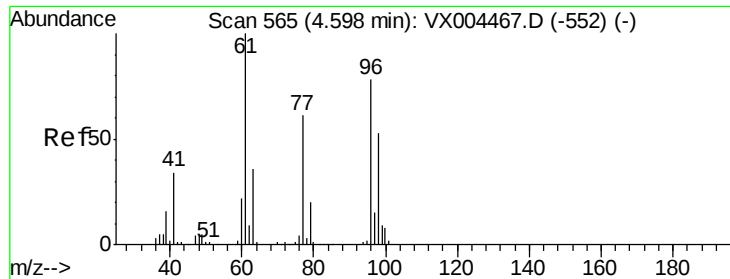
97 25.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

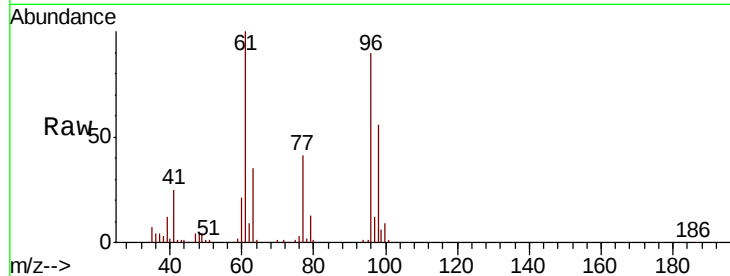
cis-1,2-Dichloroethene
Concen: 19.62 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

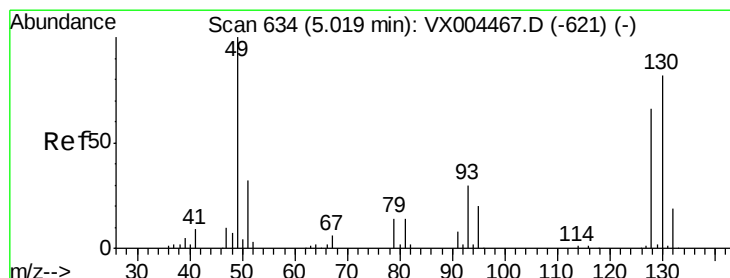
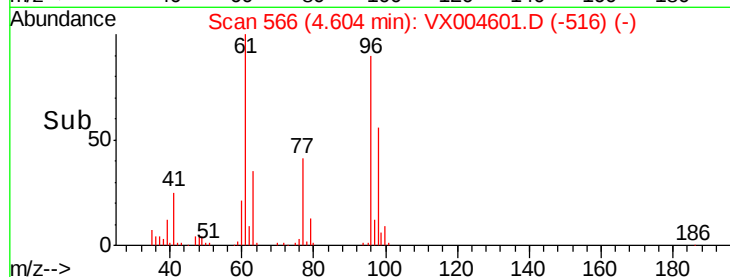
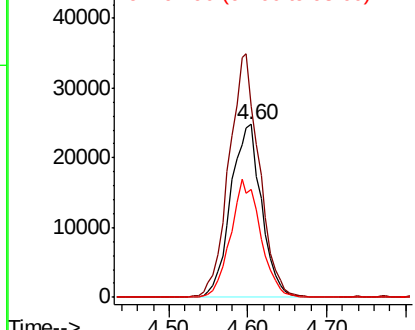
Tot Ion	Ratio	Resp	Lower	Upper
96	100	67325		
61	139.3		0.0	282.6
98	66.3		0.0	130.2

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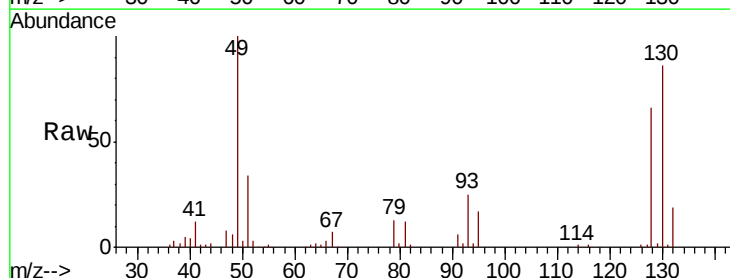
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



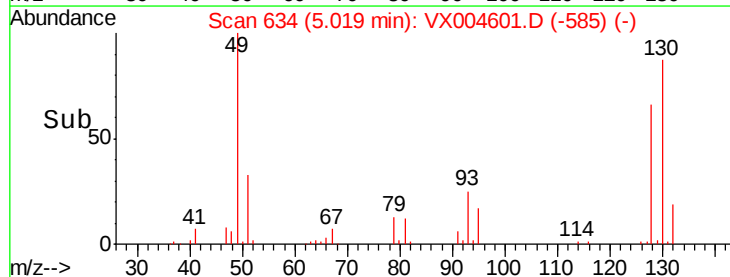
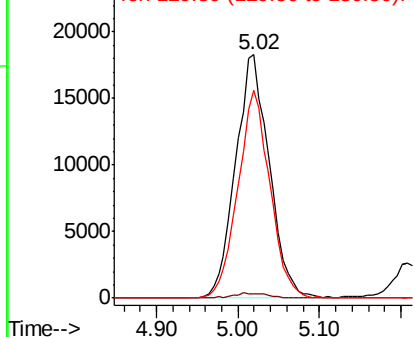
#28

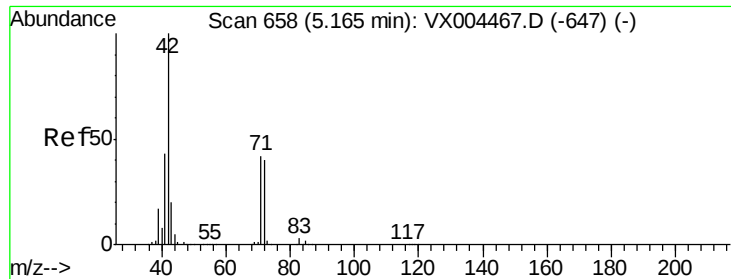
Bromochloromethane
Concen: 19.77 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	52599		
129	2.0		0.0	4.2
130	80.9		67.5	101.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





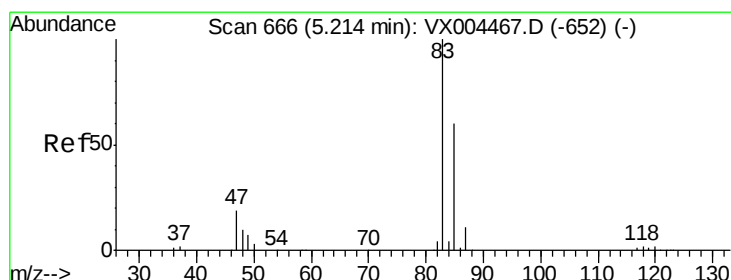
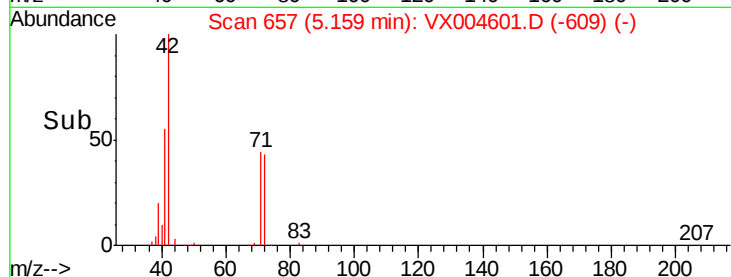
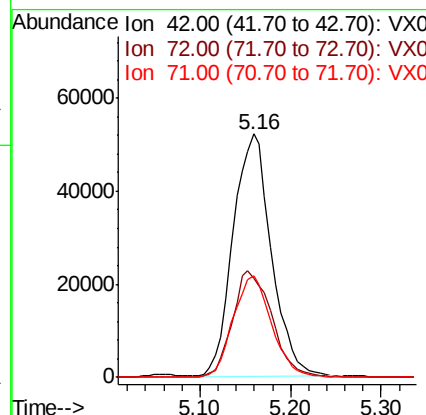
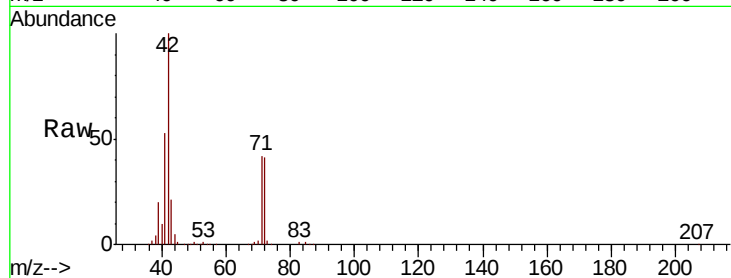
#29
Tetrahydrofuran
Concen: 94.92 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.4	56.0
71	42.1	34.5	51.7

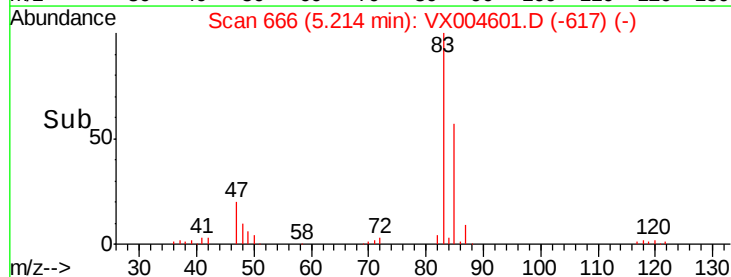
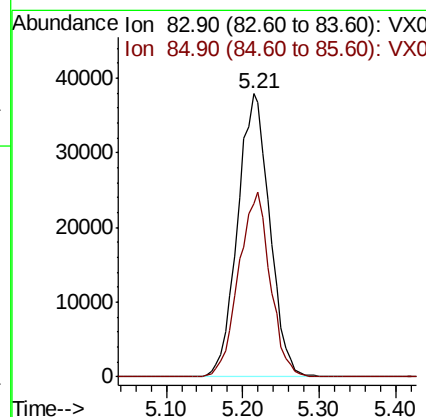
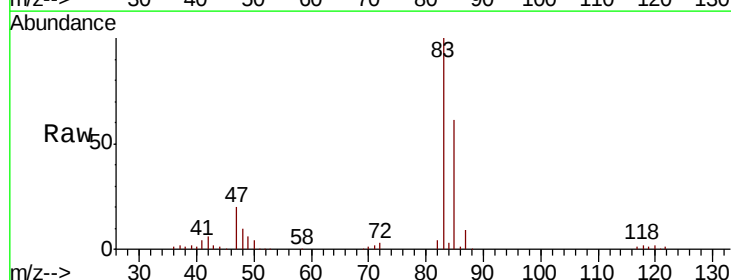
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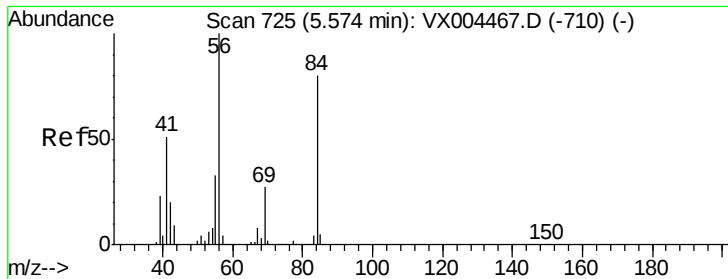
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#30
Chloroform
Concen: 19.43 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.6	79.0





#31

Cyclohexane

Concen: 19.78 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

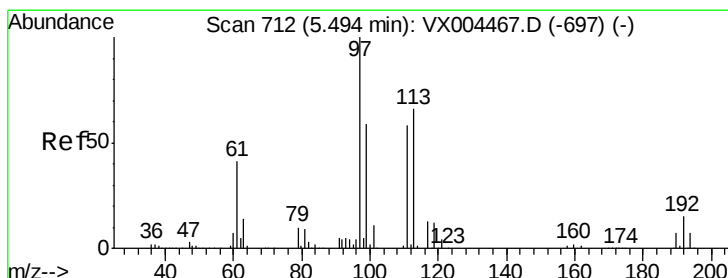
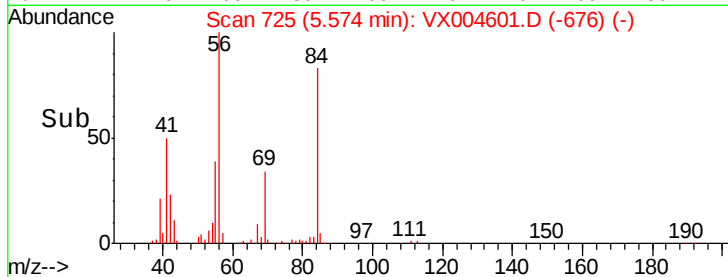
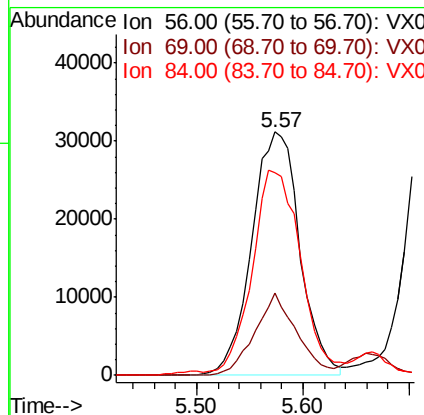
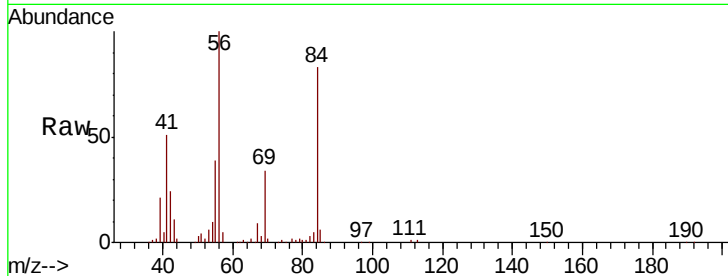
ClientSampleId :

VX0915WBS02

Tot Ion:	56	Resp:	98219
Ion	Ratio	Lower	Upper
56	100		
69	33.7	25.4	38.2
84	81.4	71.4	107.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.80 ug/l

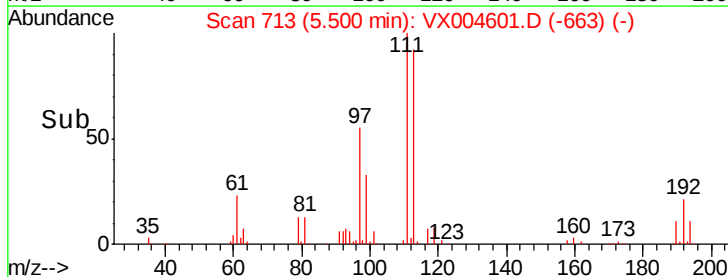
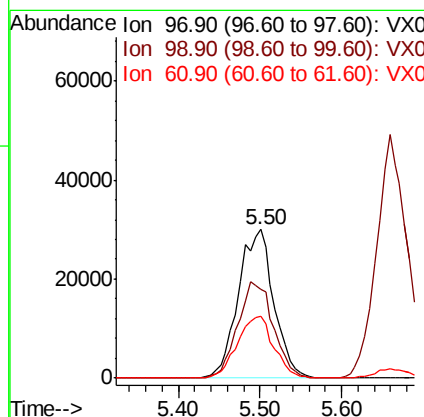
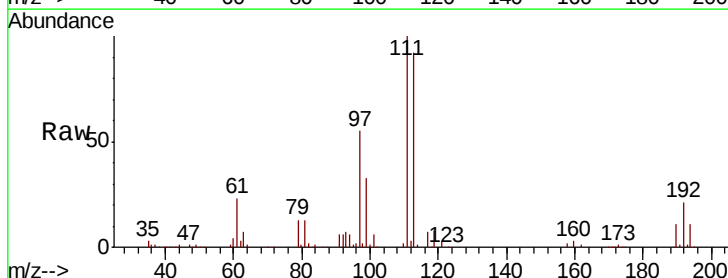
RT: 5.50 min Scan# 713

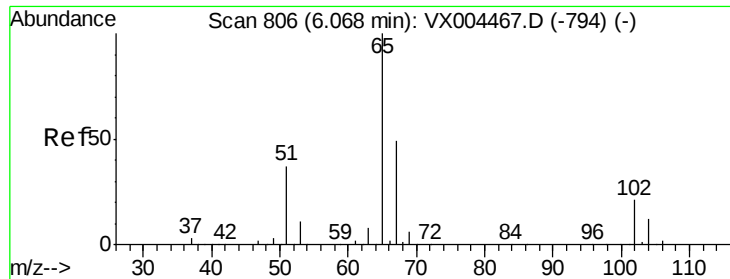
Delta R.T. 0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Tgt Ion:	97	Resp:	90541
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	42.5	34.9	52.3





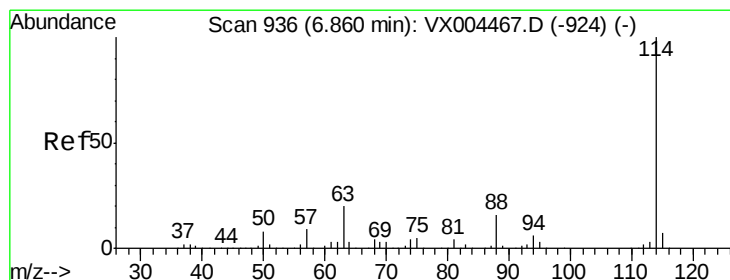
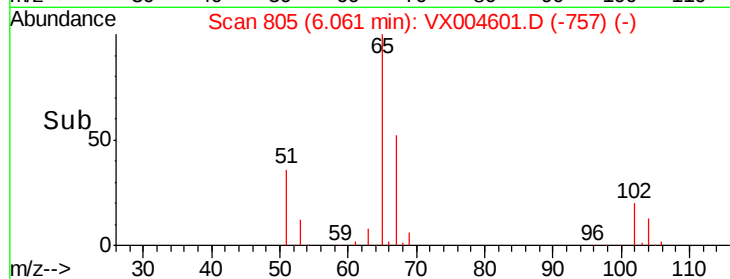
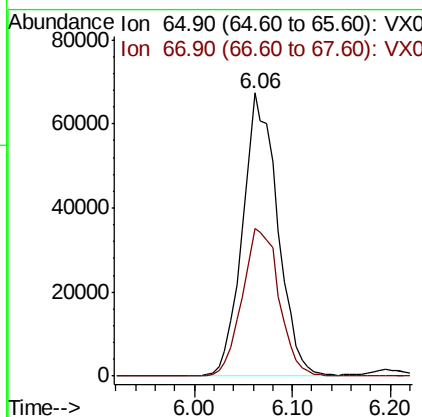
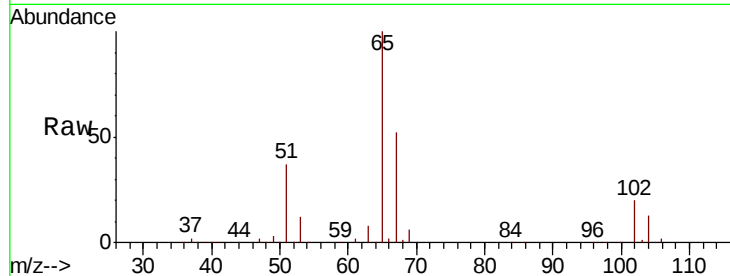
#33
 1,2-Dichloroethane-d4
 Concen: 48.65 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	167016		
67	54.7	0.0	106.8	

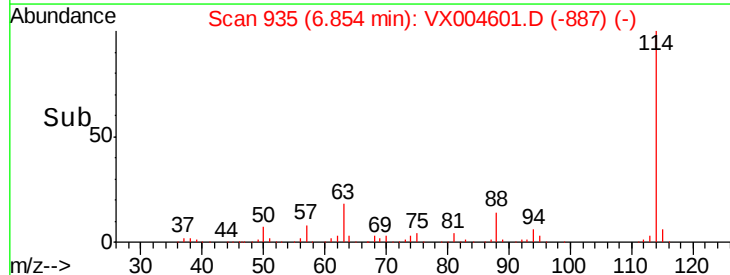
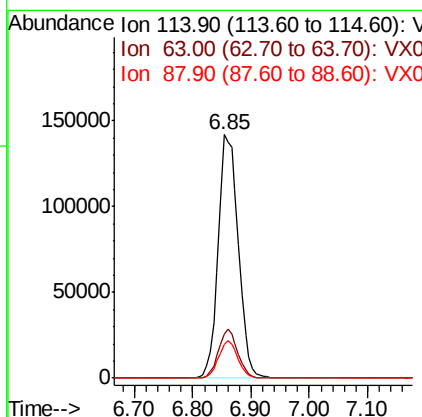
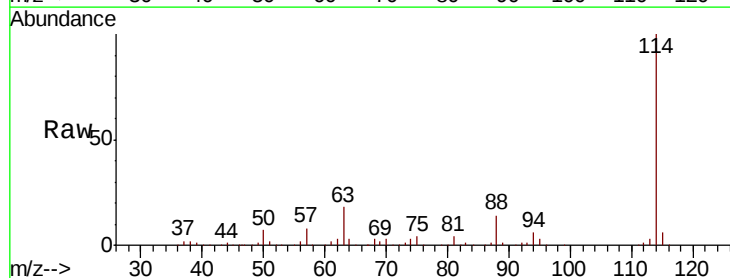
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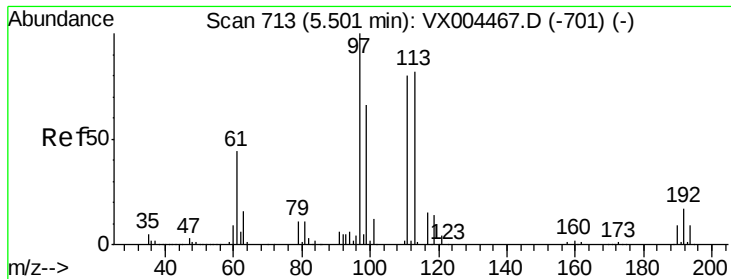
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	338500		
63	18.0	0.0	39.0	
88	13.8	0.0	30.4	





#35

Dibromofluoromethane

Concen: 47.36 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

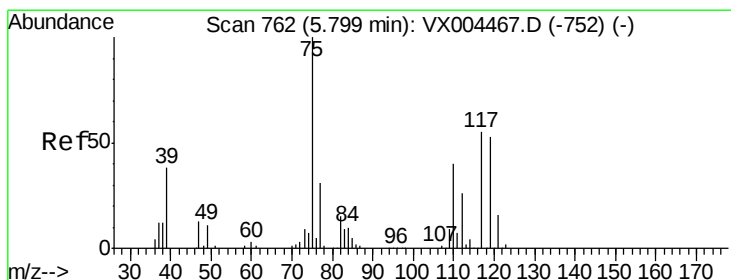
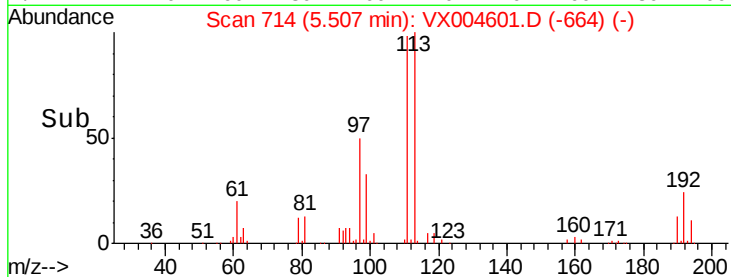
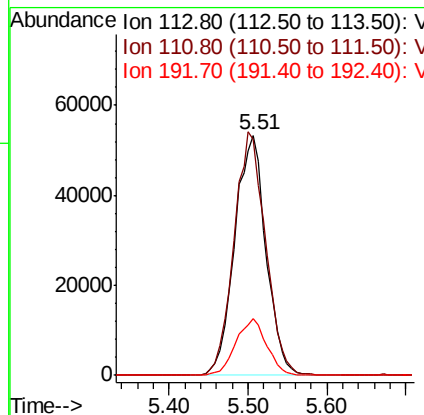
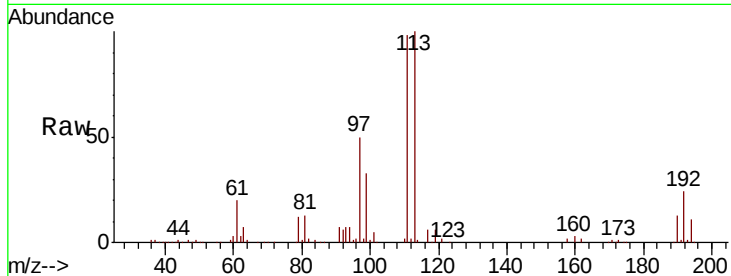
ClientSampleId :

VX0915WBS02

Tot Ion:	113	Resp:	146713
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.4	123.6
192	23.4	19.4	29.2

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#36

1,1-Dichloropropene

Concen: 20.03 ug/l

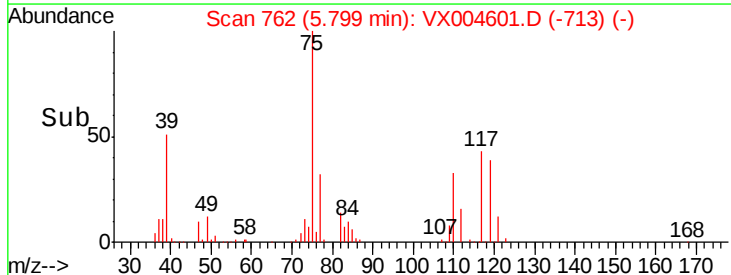
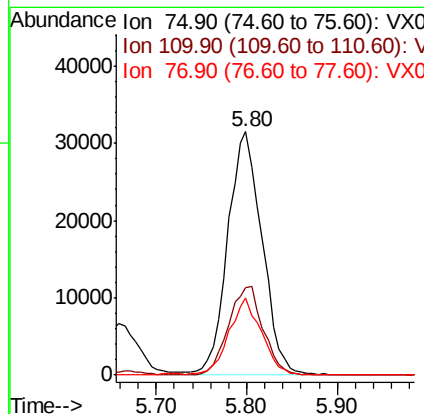
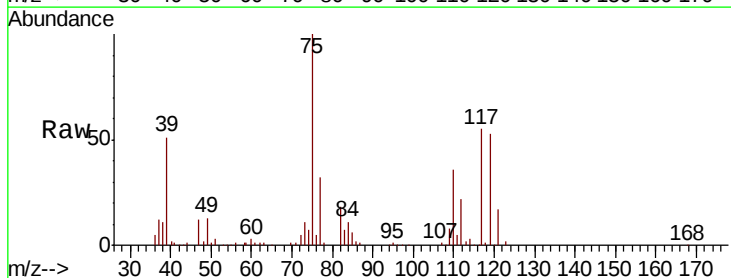
RT: 5.80 min Scan# 762

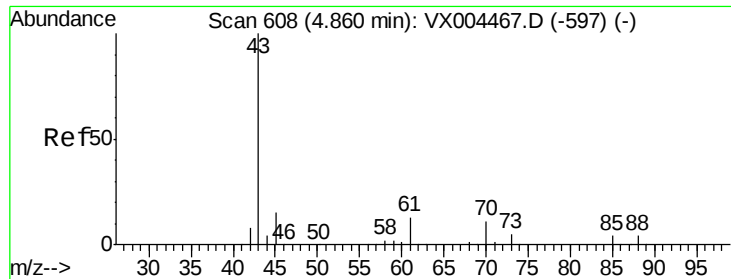
Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Tgt Ion:	75	Resp:	82316
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.0	54.0
77	30.0	24.6	36.8





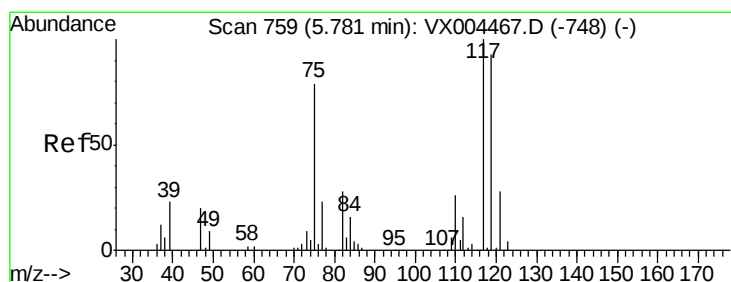
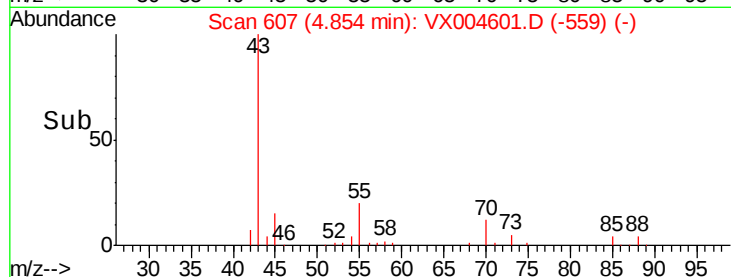
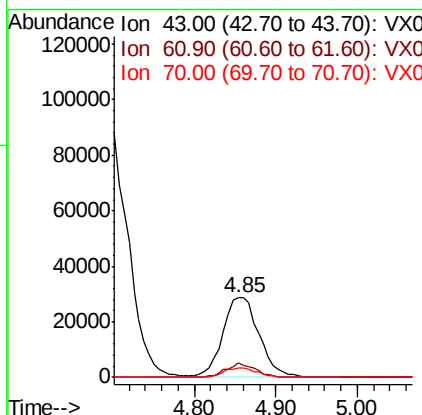
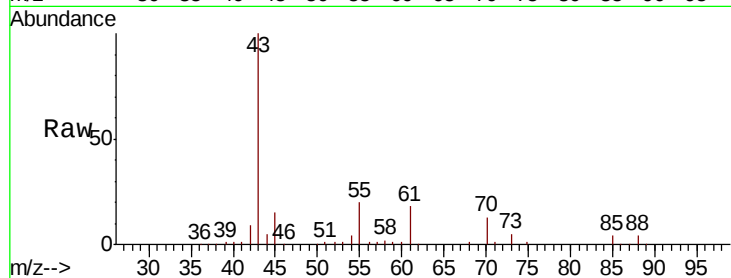
#37
Ethyl Acetate
Concen: 18.73 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.5	17.3
70	11.3	9.0	13.6

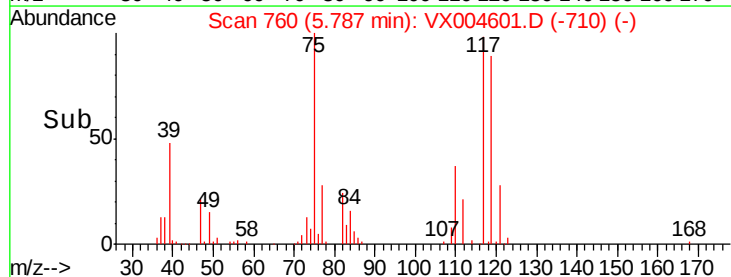
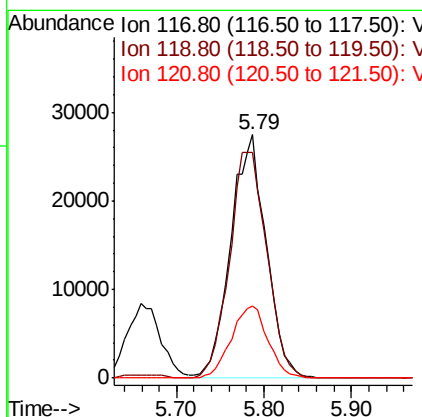
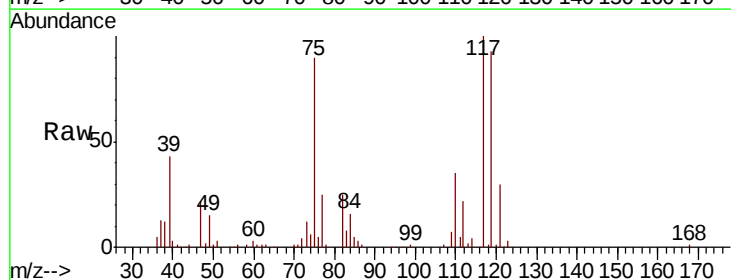
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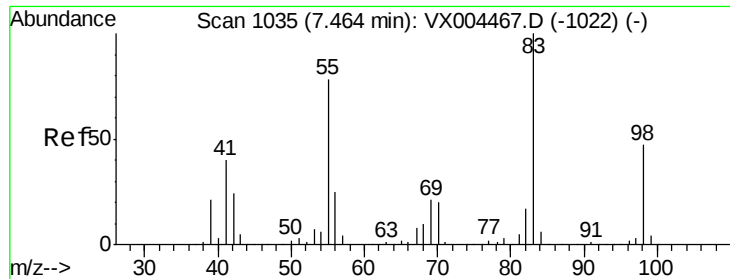
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#38
Carbon Tetrachloride
Concen: 19.37 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	78.8	118.2
121	29.7	24.9	37.3





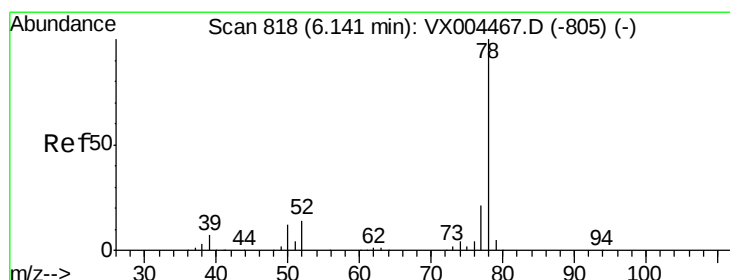
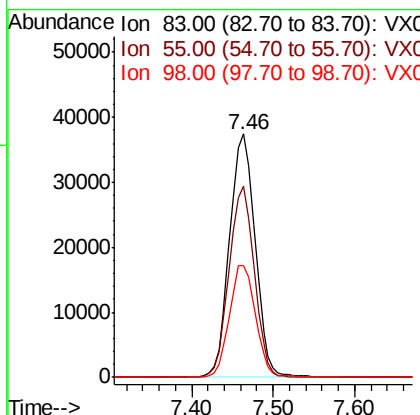
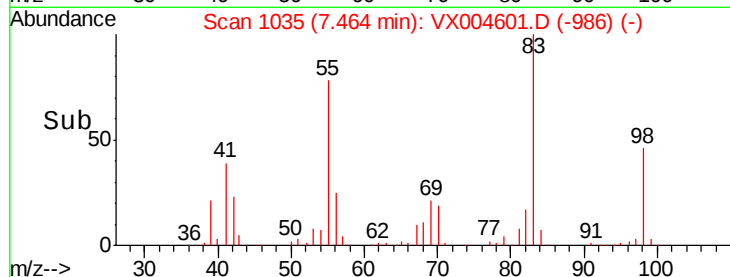
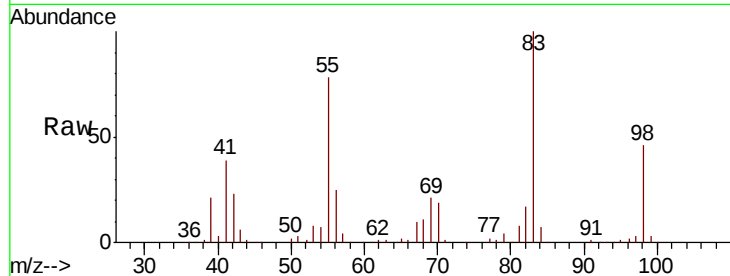
#39
Methylvlcyclohexane
Concen: 18.87 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	61.0	91.4
98	46.1	39.6	59.4

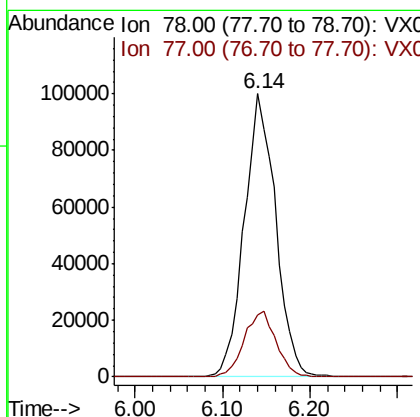
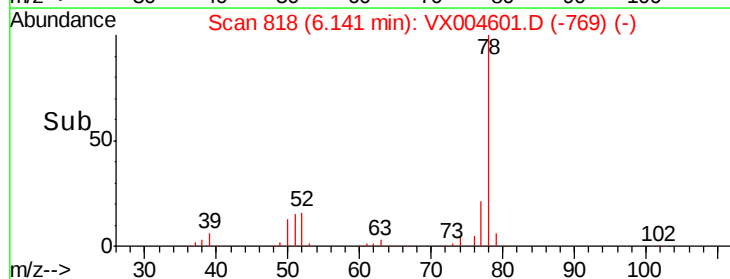
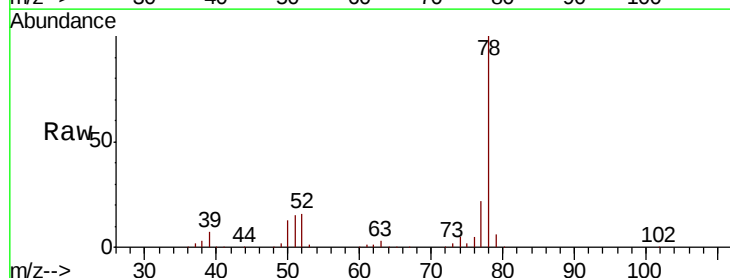
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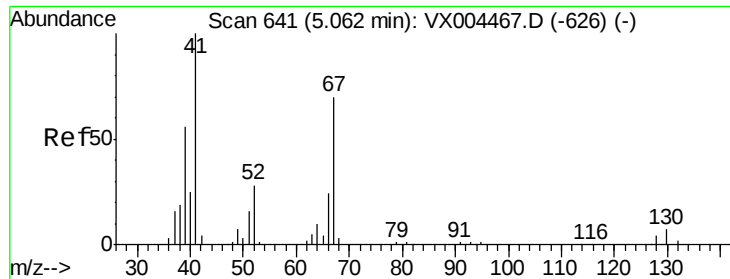
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#40
Benzene
Concen: 20.40 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.7	19.0	28.4





#41

Methacrylonitrile

Concen: 19.57 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

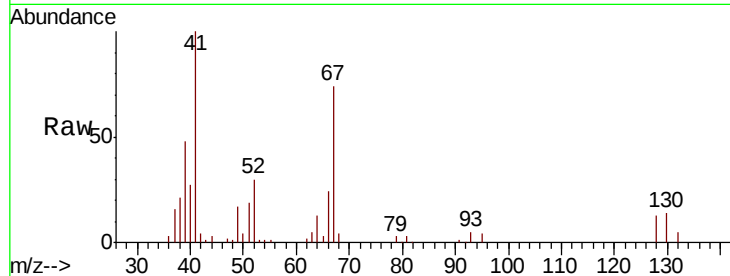
ClientSampleId :

VX0915WBS02

Tot Ion:	41	Resp:	50403
Ion	Ratio	Lower	Upper
41	100		
39	51.7	42.4	63.6
67	71.5	59.2	88.8
52	28.0	23.0	34.4

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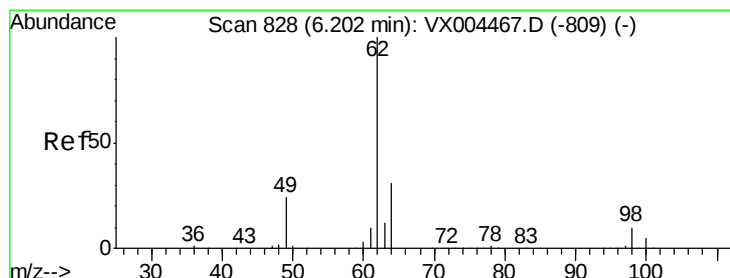
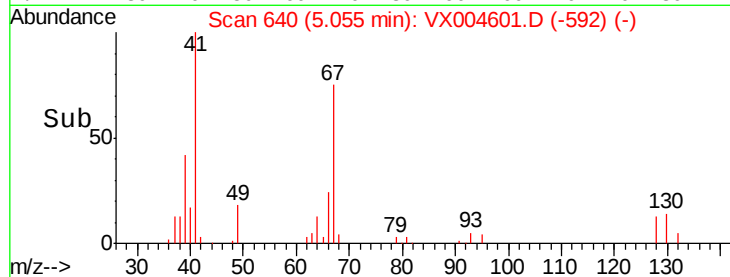
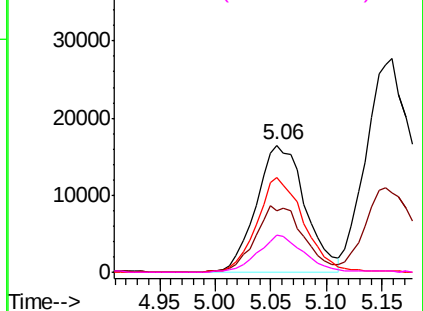
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.33 ug/l

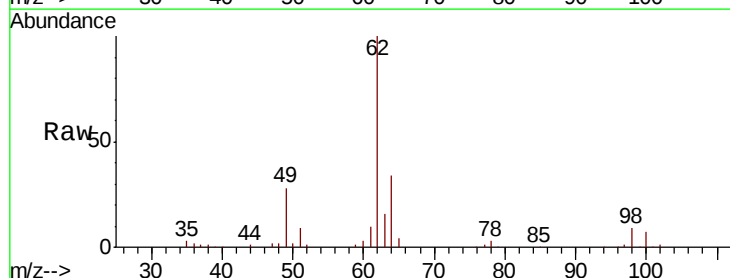
RT: 6.20 min Scan# 828

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

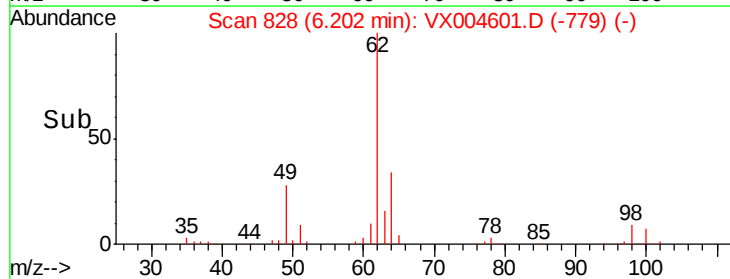
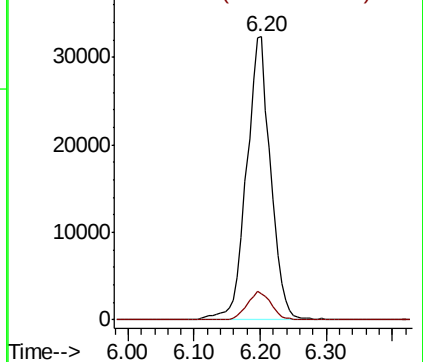
Tgt Ion:	62	Resp:	82229
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6

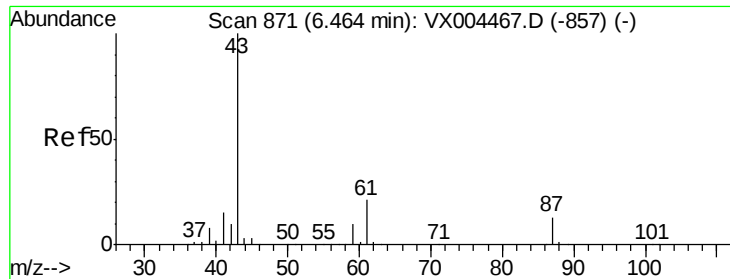


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

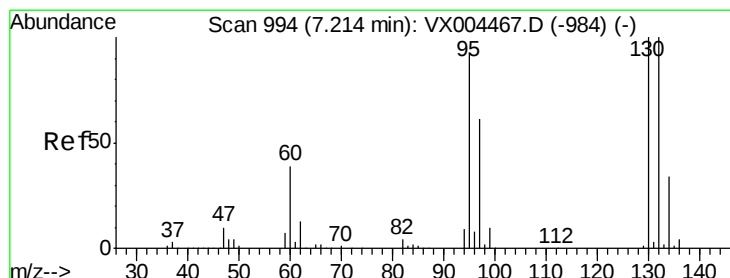
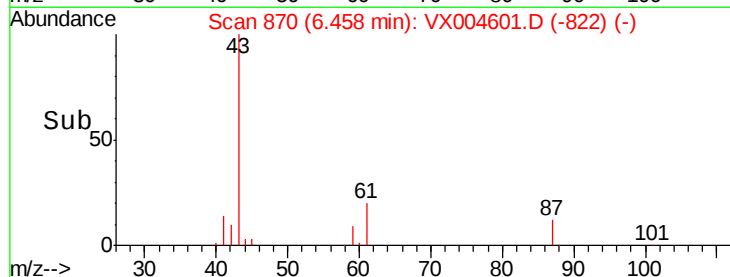
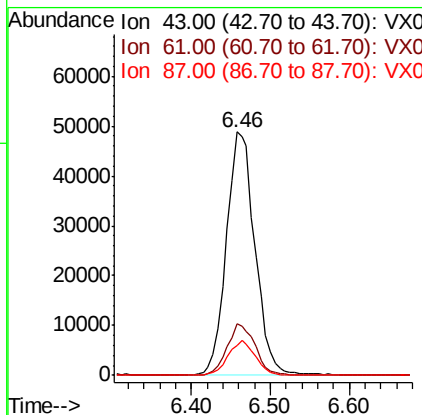
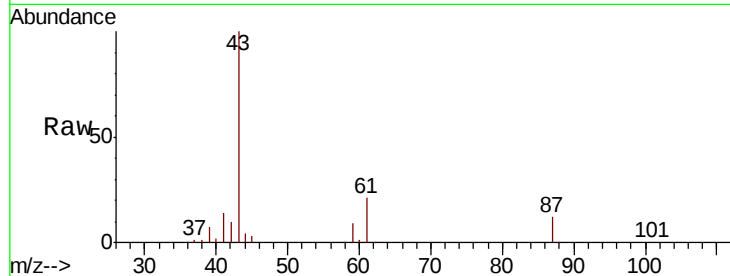
Isopropyl Acetate
 Concen: 19.76 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.0	25.4
87	13.8	11.4	17.2

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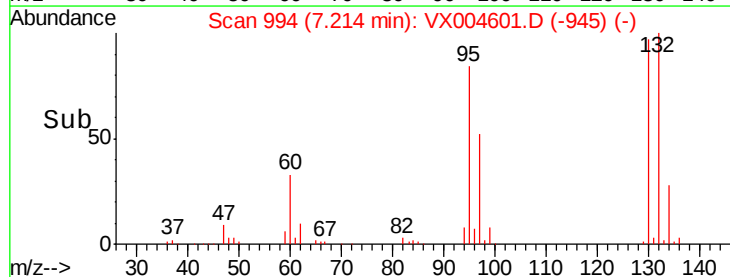
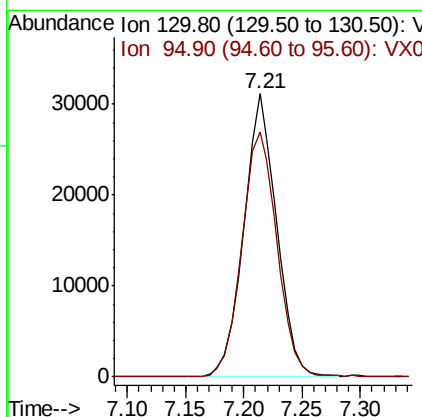
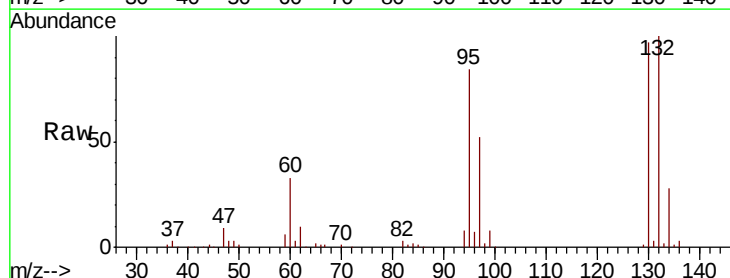
MMDadoda
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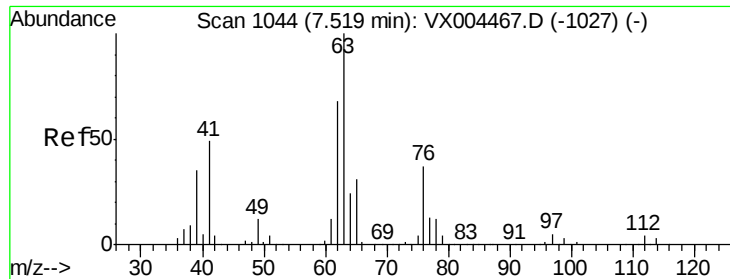


#44

Trichloroethene
 Concen: 19.32 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	86.7	0.0	181.6





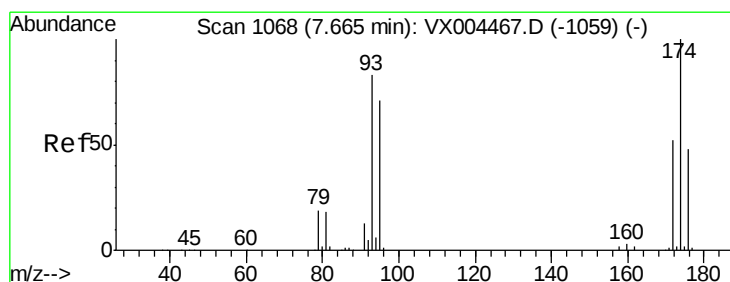
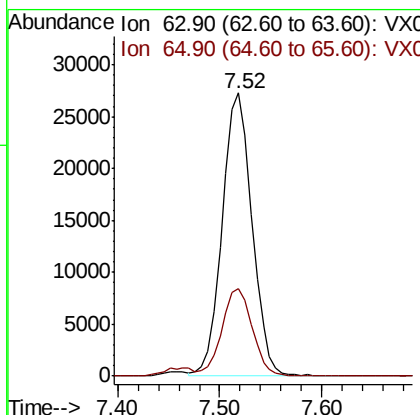
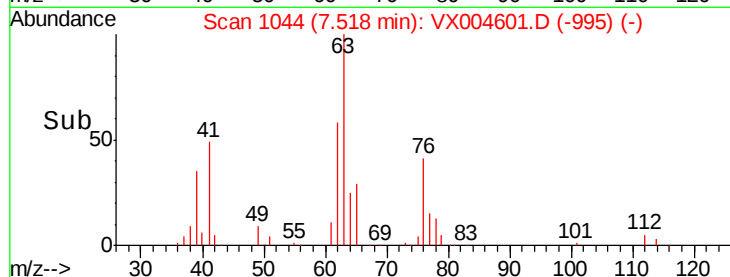
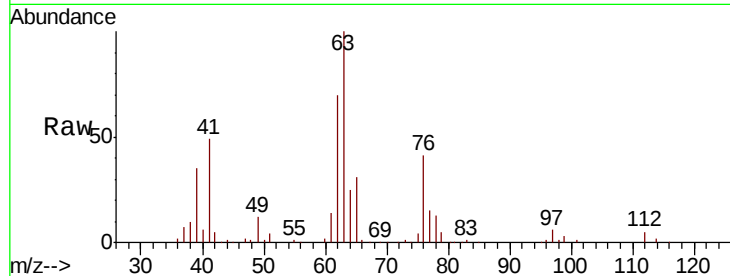
#45
 1,2-Dichloropropane
 Concen: 18.86 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion: 63 Resp: 55324
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.3 36.5

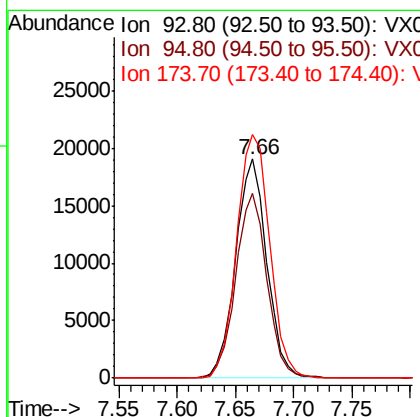
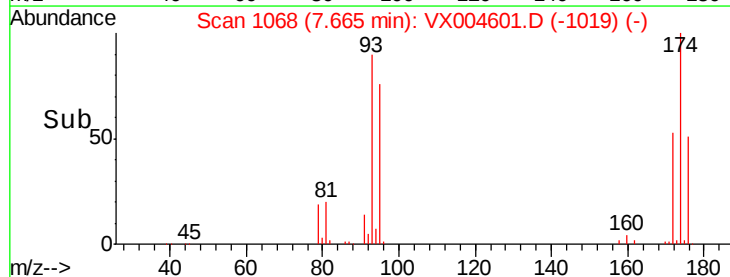
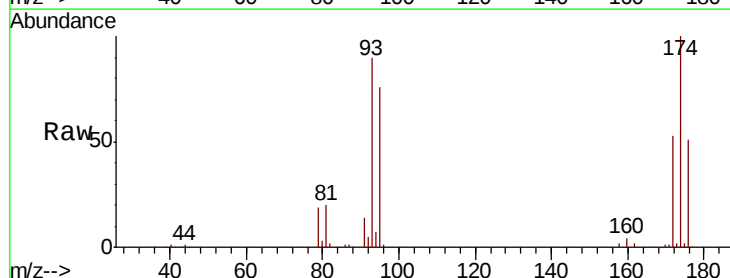
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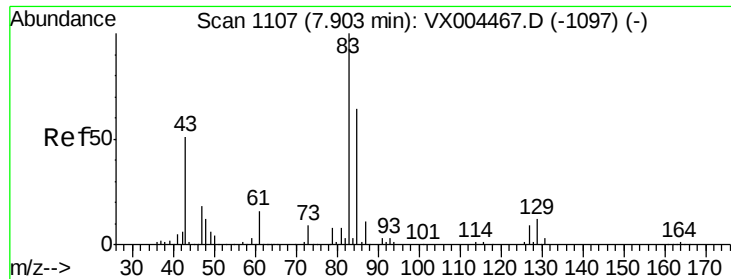
MMDadoda
 9/17/2018 6:27:28 PM



#46
 Dibromomethane
 Concen: 19.21 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion: 93 Resp: 35612
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.5 98.3
 174 118.1 94.2 141.4





#47

Bromodichloromethane

Concen: 18.84 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

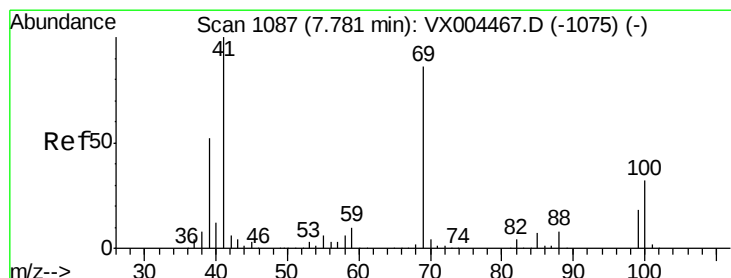
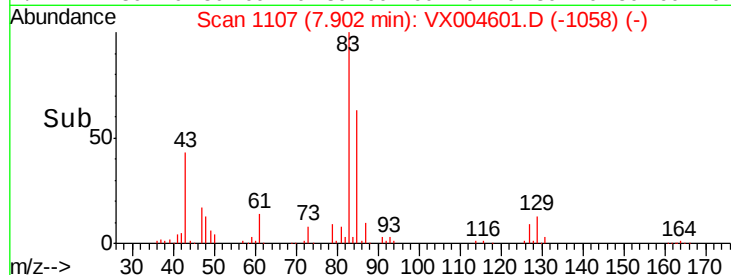
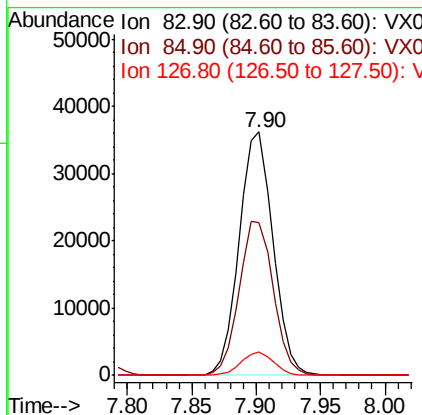
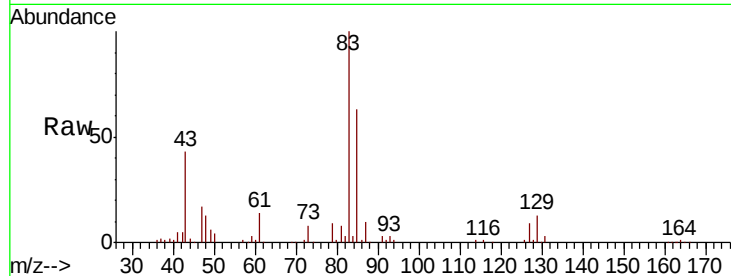
ClientSampleId :

VX0915WBS02

Tot Ion:	83	Resp:	66028
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.9	76.3
127	9.4	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.02 ug/l

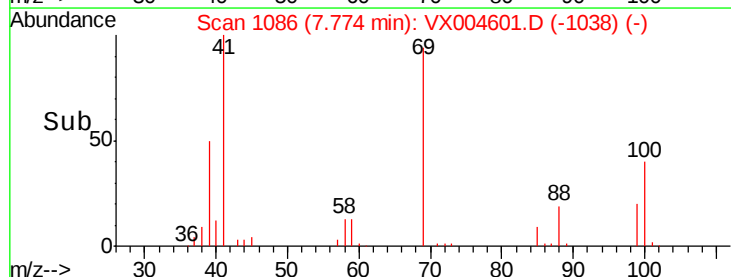
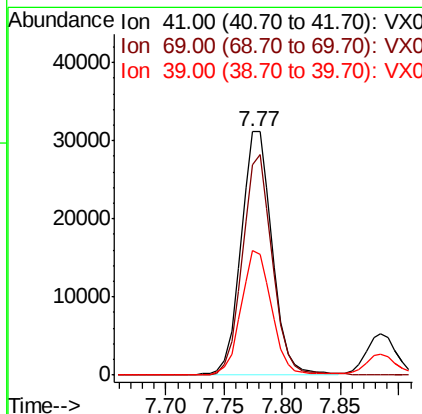
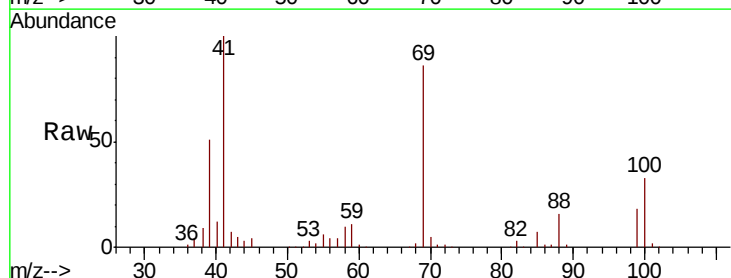
RT: 7.77 min Scan# 1086

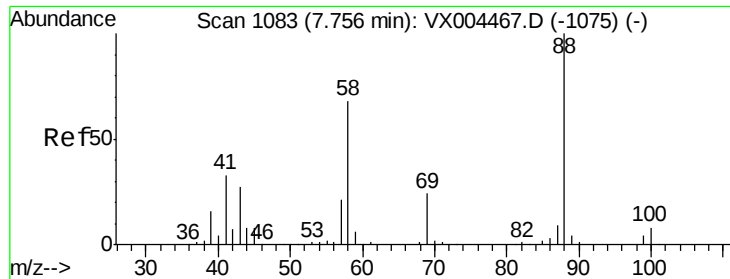
Delta R.T. -0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Tgt Ion:	41	Resp:	58441
Ion Ratio	Lower	Upper	
41	100		
69	86.7	70.2	105.4
39	50.1	42.7	64.1





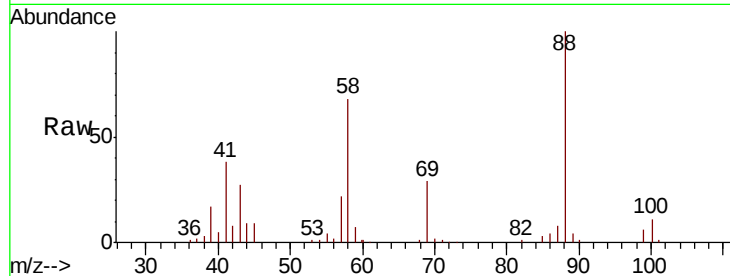
#49
1,4-Dioxane
Concen: 398.14 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

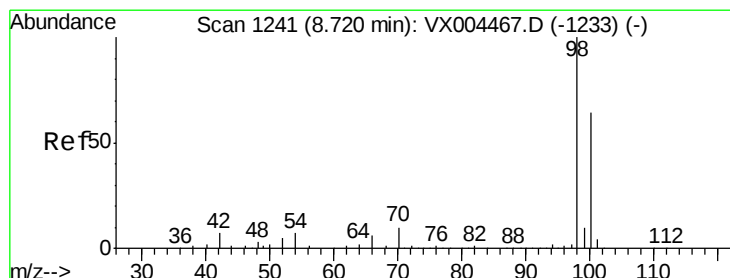
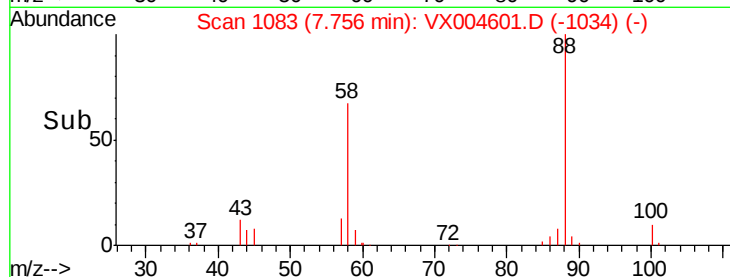
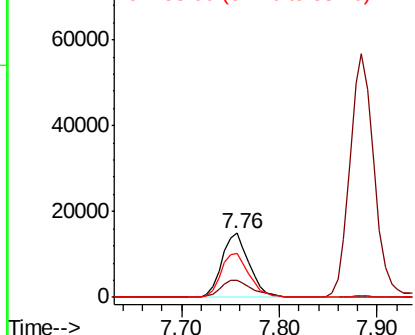
Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.7	37.1
58	70.7	55.3	82.9

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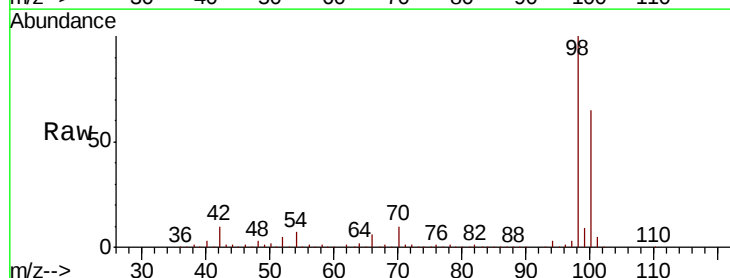


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

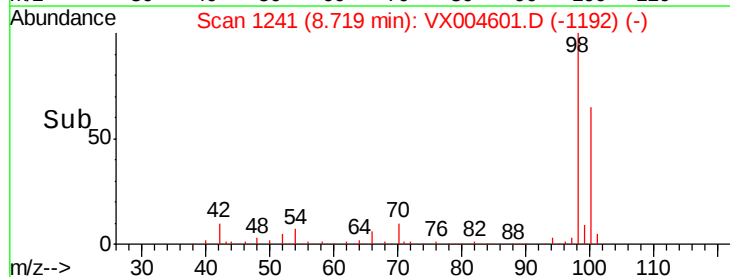
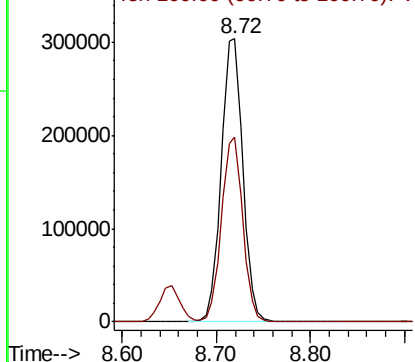


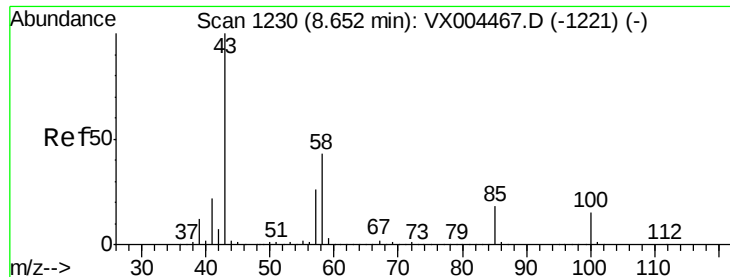
#50
Toluene-d8
Concen: 46.32 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.9	79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 87.00 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion: 43 Resp: 381141

Ion Ratio Lower Upper

43 100

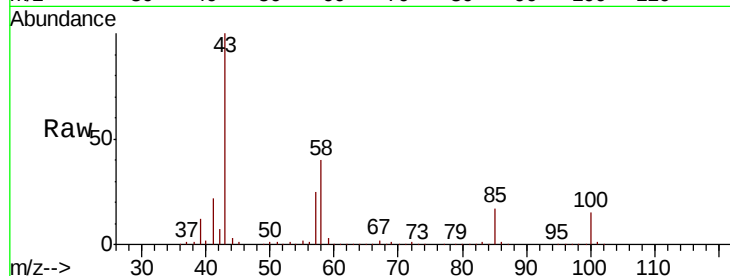
58 40.1 33.1 49.7

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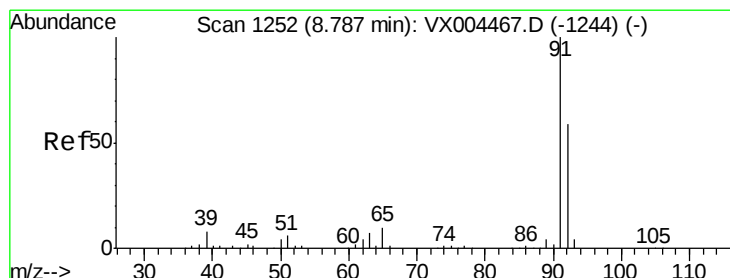
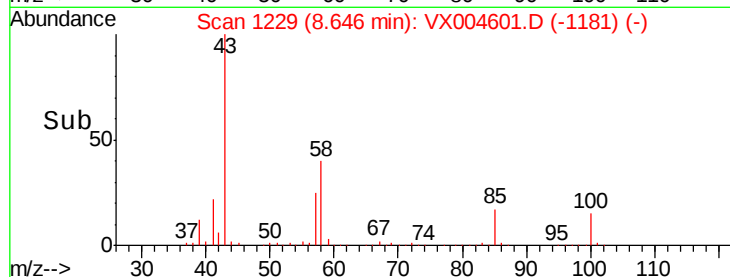
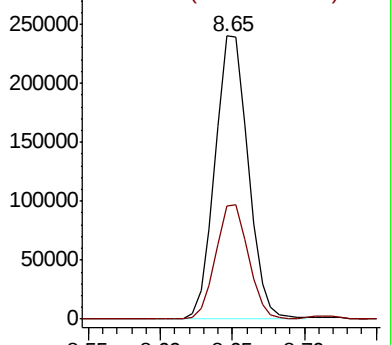
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.81 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004601.D

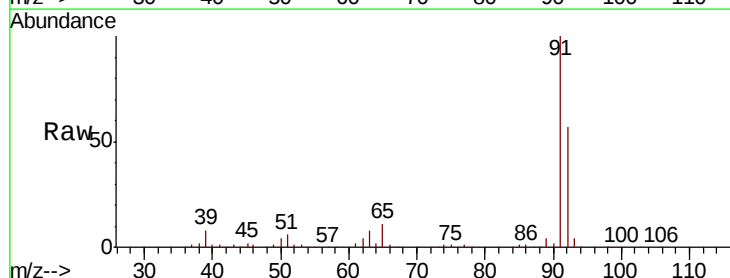
Acq: 15 Sep 2018 23:33

Tgt Ion: 92 Resp: 135101

Ion Ratio Lower Upper

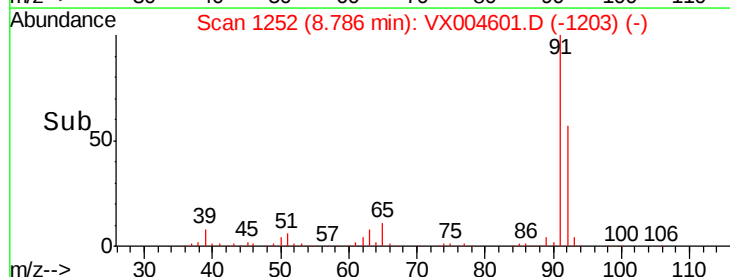
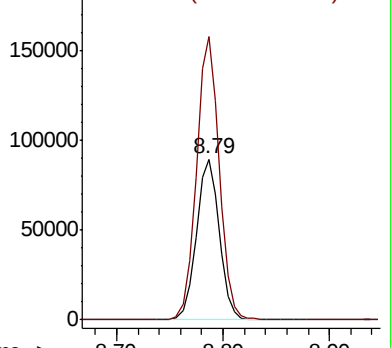
92 100

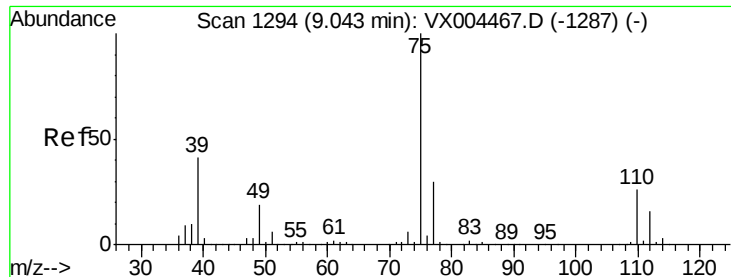
91 174.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





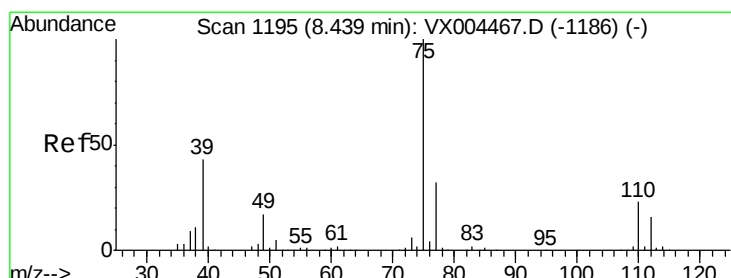
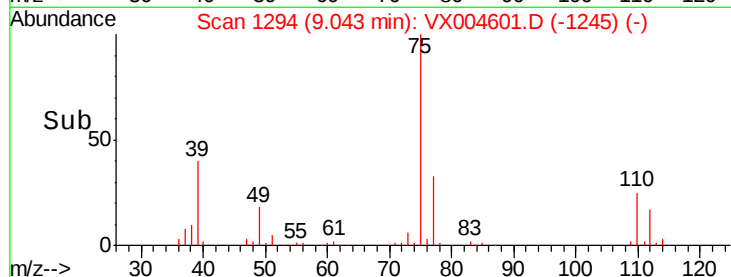
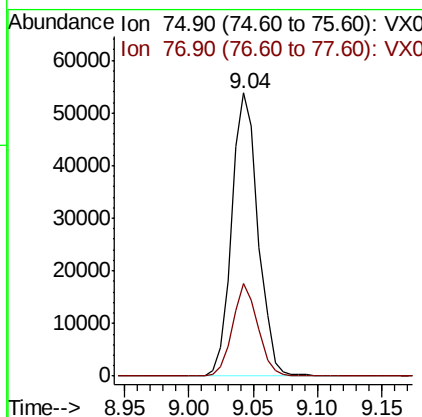
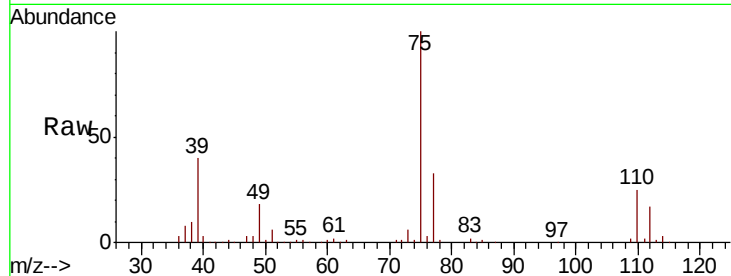
#53
 t-1,3-Dichloropropene
 Concen: 18.76 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion: 75 Resp: 76799
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.6 37.0

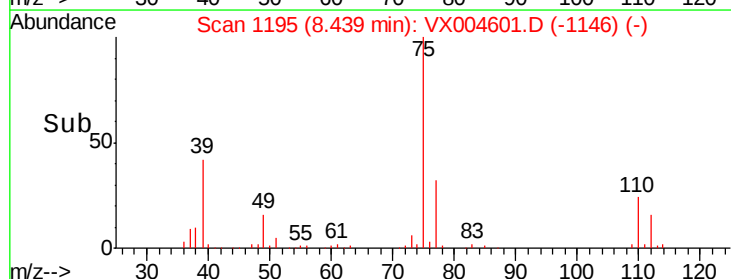
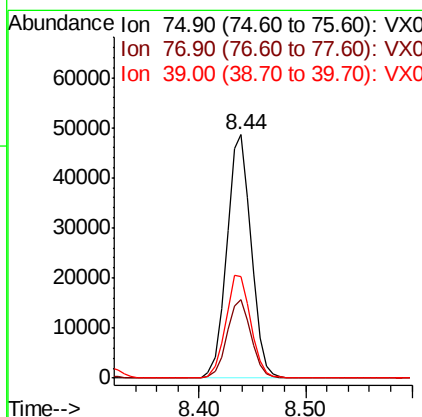
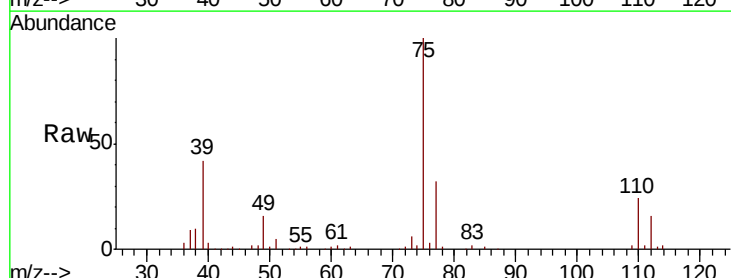
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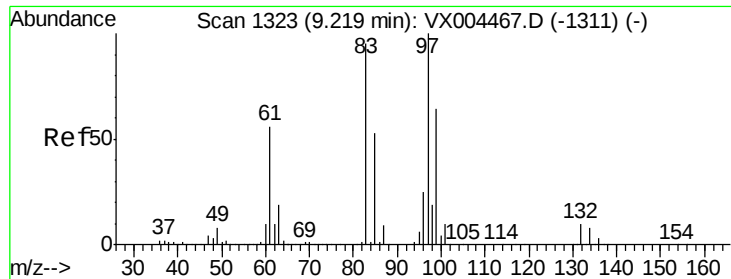
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#54
 cis-1,3-Dichloropropene
 Concen: 18.63 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion: 75 Resp: 77769
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.2
 39 41.8 36.4 54.6





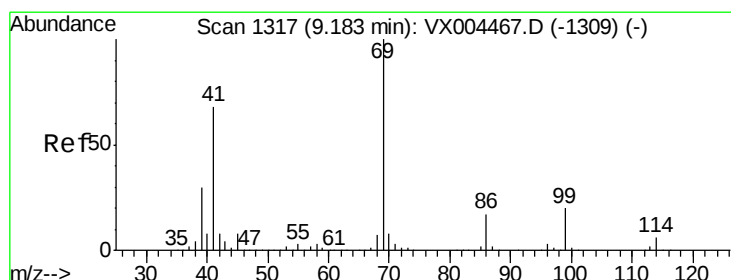
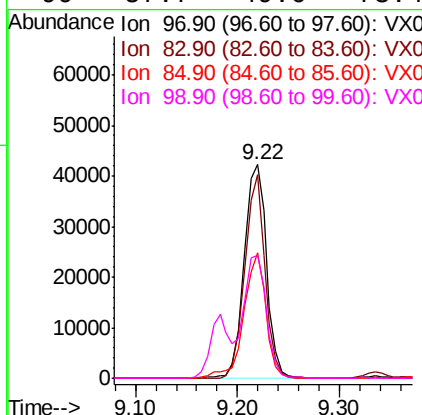
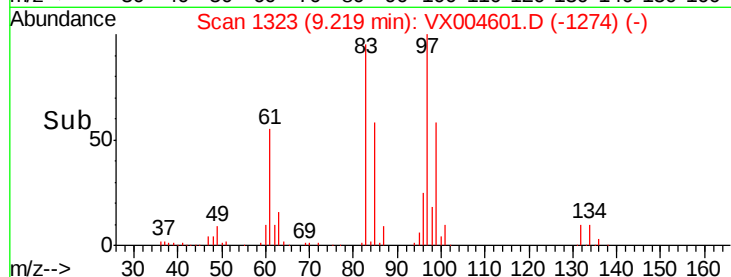
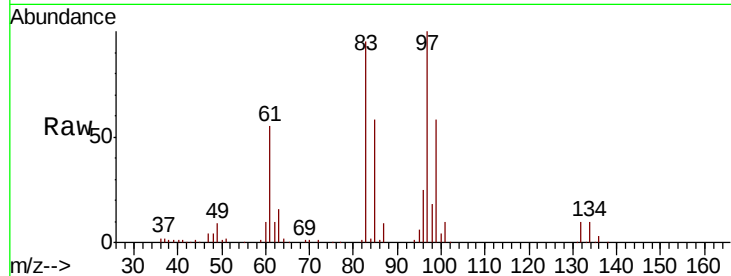
#55
 1,1,2-Trichloroethane
 Concen: 20.78 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion:	97	Resp:	64271
Ion	Ratio	Lower	Upper
97	100		
83	95.3	66.4	99.6
85	58.4	43.3	64.9
99	57.7	49.0	73.4

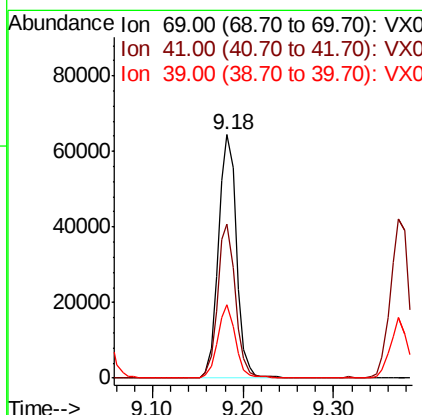
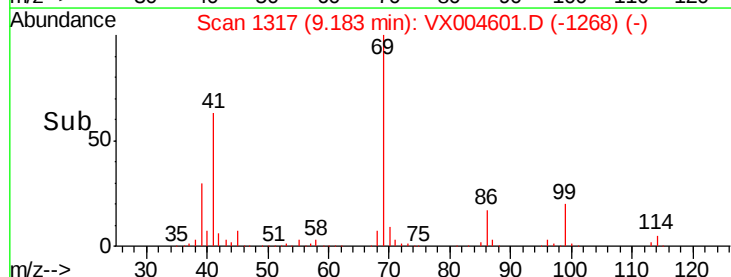
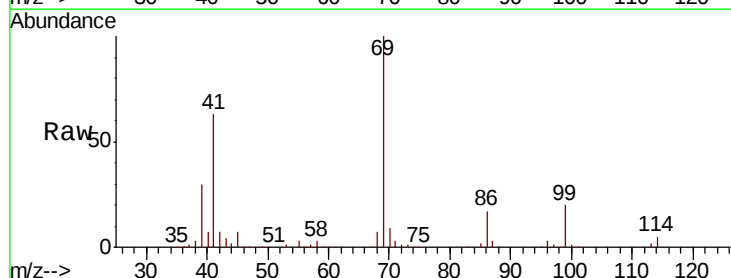
Manual Integrations
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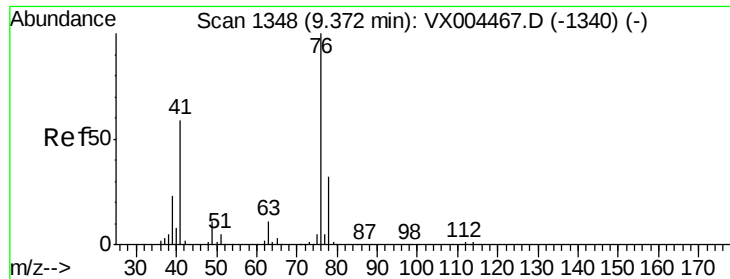
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#56
 Ethyl methacrylate
 Concen: 20.61 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion:	69	Resp:	90180
Ion	Ratio	Lower	Upper
69	100		
41	62.7	51.0	76.4
39	29.3	26.1	39.1





#57

1,3-Dichloropropane

Concen: 21.34 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion: 76 Resp: 107244

Ion Ratio Lower Upper

76 100

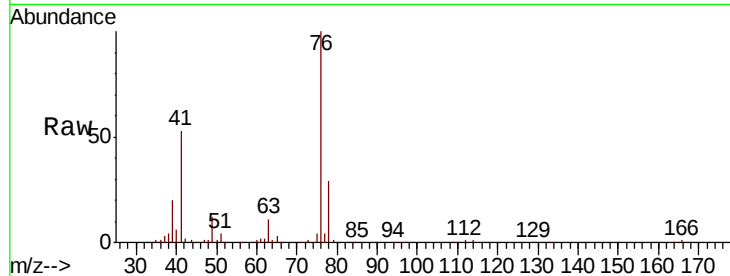
78 30.8 25.5 38.3

Manual Integrations

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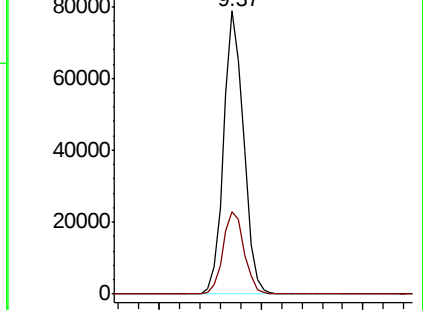
MMDadoda

9/17/2018 6:27:28 PM

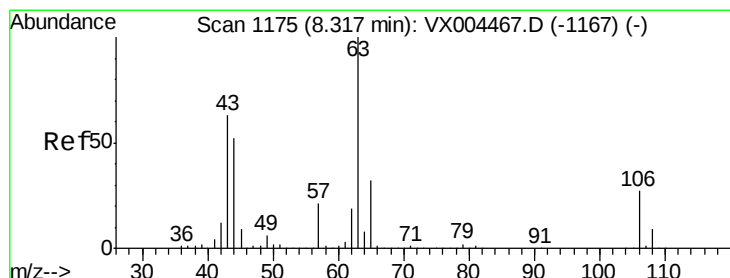
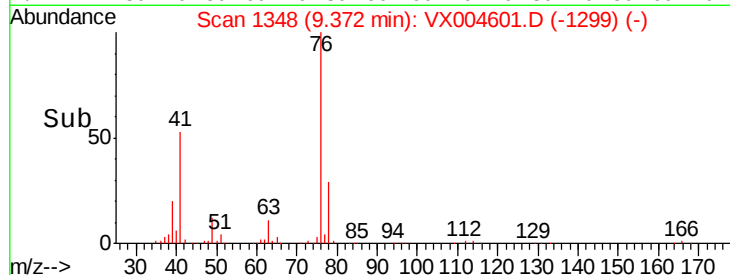


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.63 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004601.D

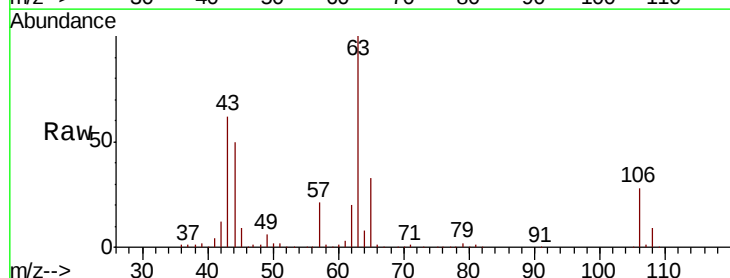
Acq: 15 Sep 2018 23:33

Tgt Ion: 63 Resp: 205198

Ion Ratio Lower Upper

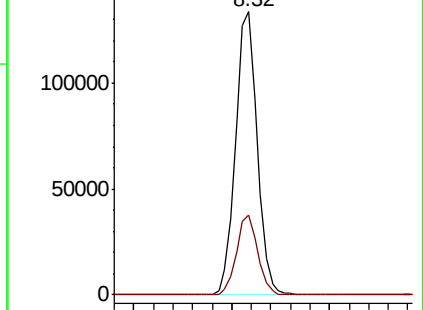
63 100

106 27.8 23.9 35.9

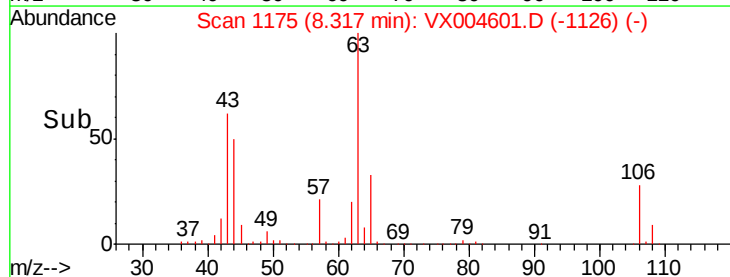


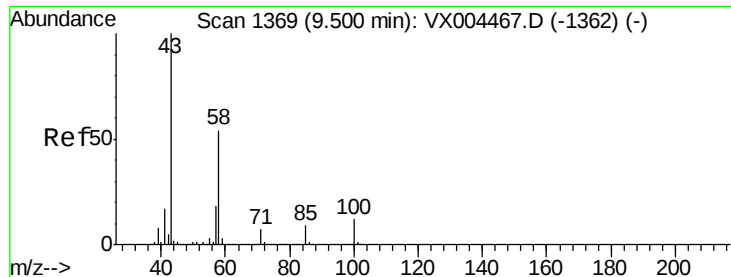
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->





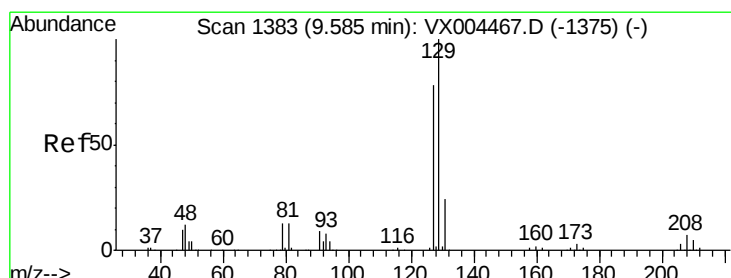
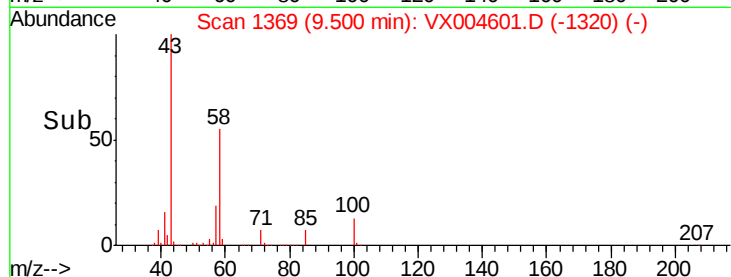
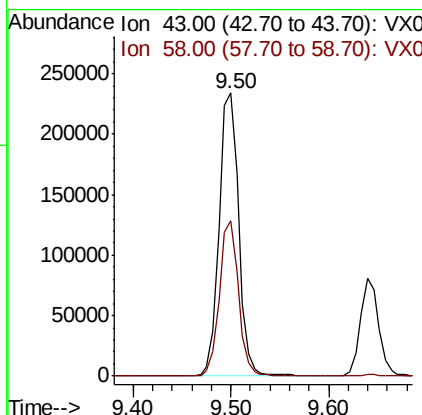
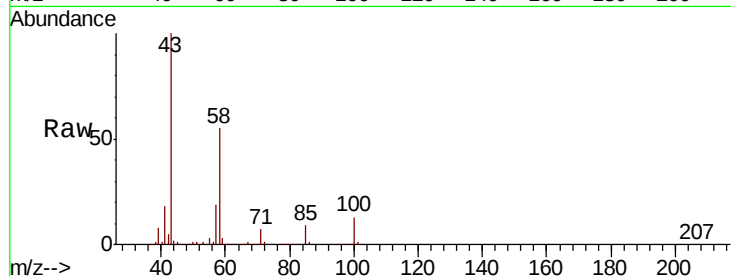
#59
2-Hexanone
Concen: 96.95 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion: 43 Resp: 325801
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.0

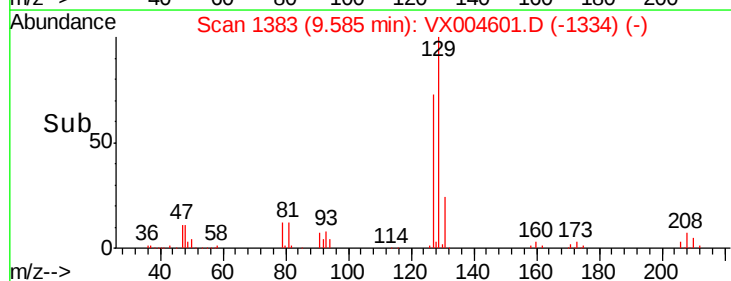
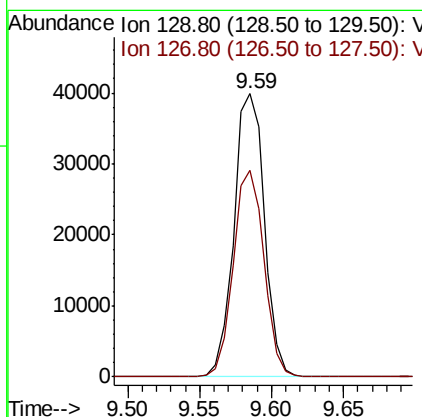
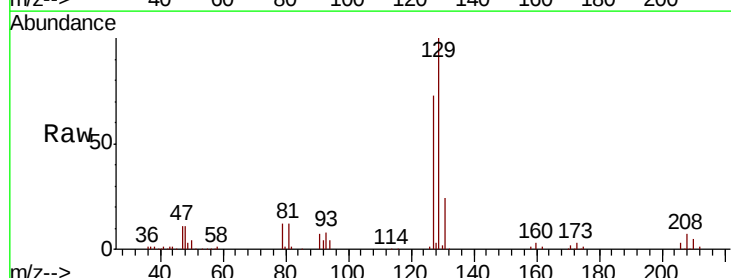
Manual Integrations
APPROVED

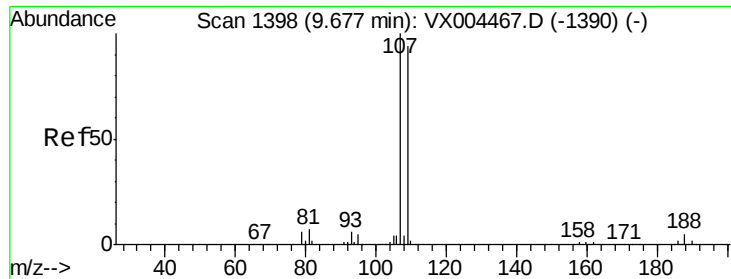
MMDadoda
9/17/2018 6:27:28 PM



#60
Dibromochloromethane
Concen: 20.21 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion: 129 Resp: 58857
Ion Ratio Lower Upper
129 100
127 73.6 38.5 115.5





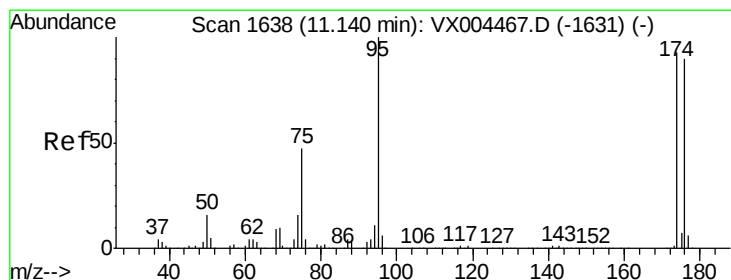
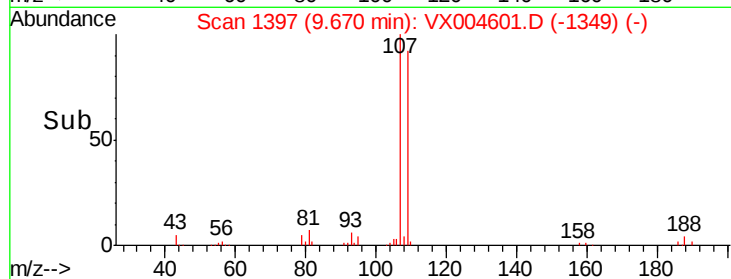
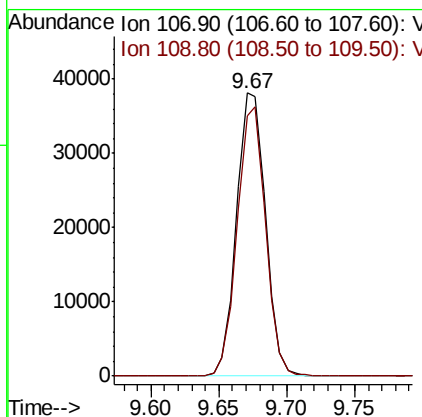
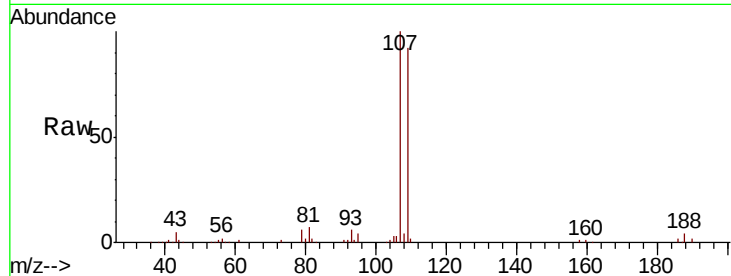
#61
 1,2-Dibromoethane
 Concen: 19.20 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion:107 Resp: 56730
 Ion Ratio Lower Upper
 107 100
 109 93.3 76.0 114.0

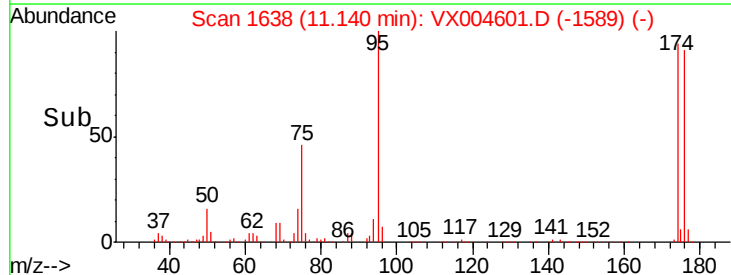
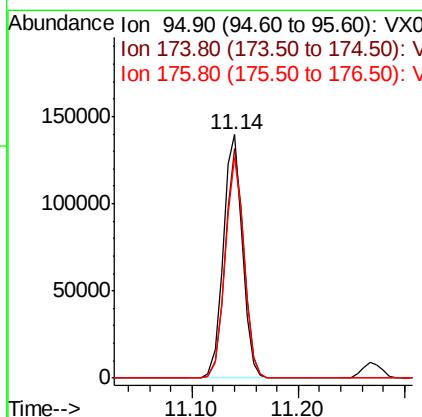
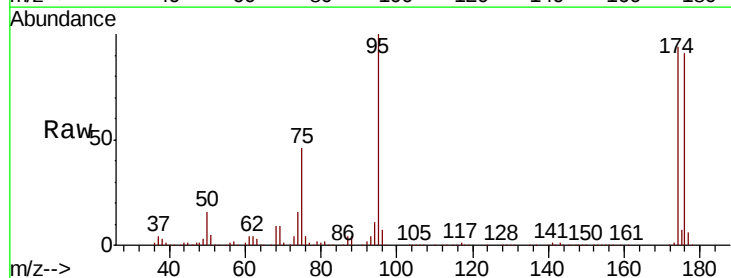
Manual Integrations
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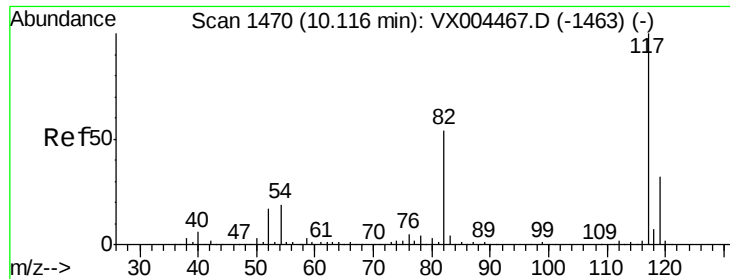
MMDadoda
 9/17/2018 6:27:28 PM



#62
 4-Bromofluorobenzene
 Concen: 47.10 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion: 95 Resp: 174643
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 185.2
 176 89.7 0.0 178.6





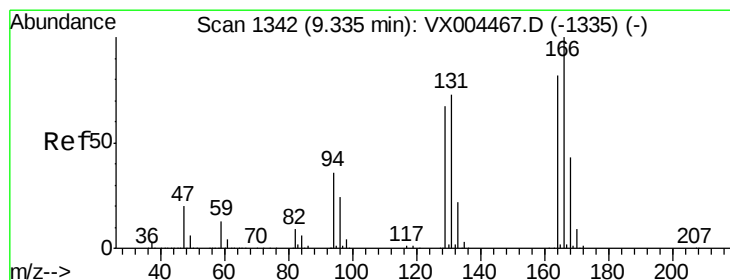
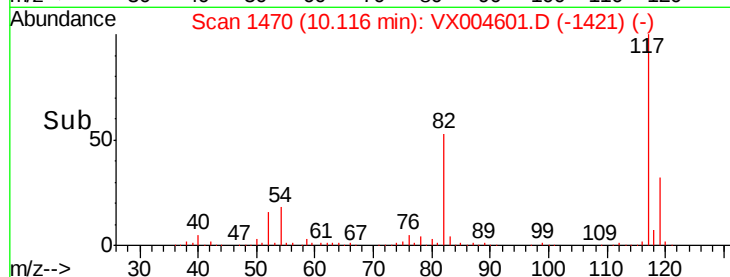
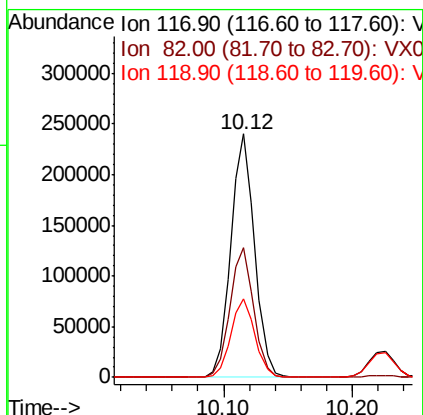
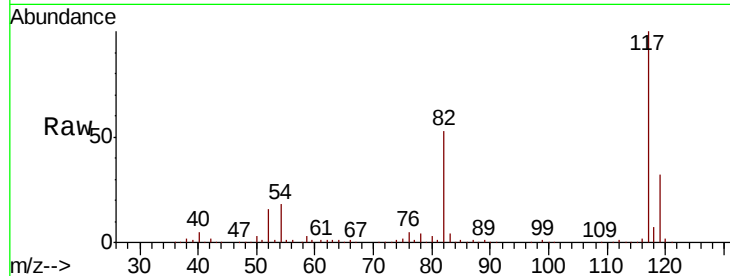
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	47.8	71.6
119	32.2	29.3	43.9

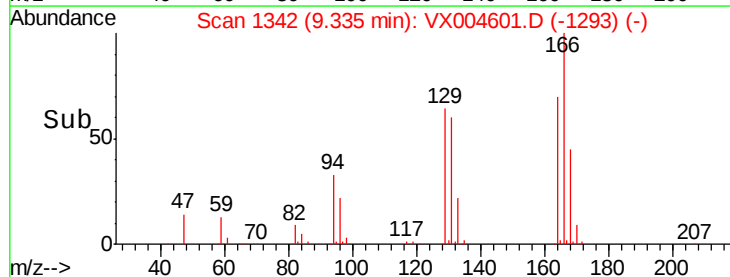
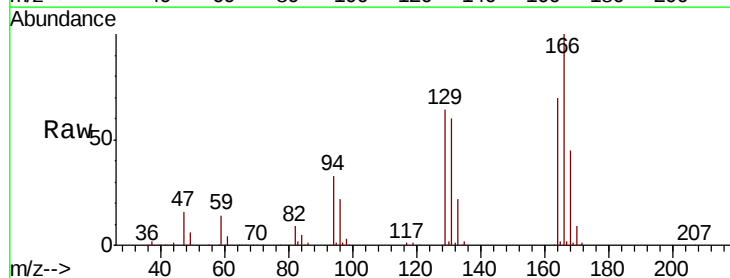
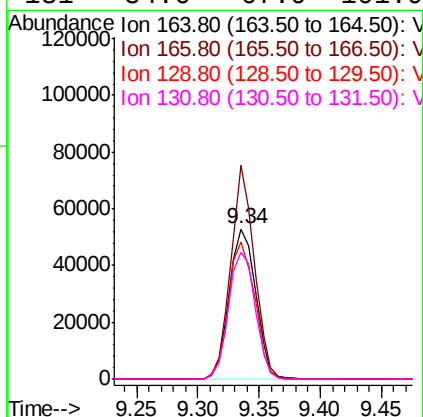
Manual Integrations
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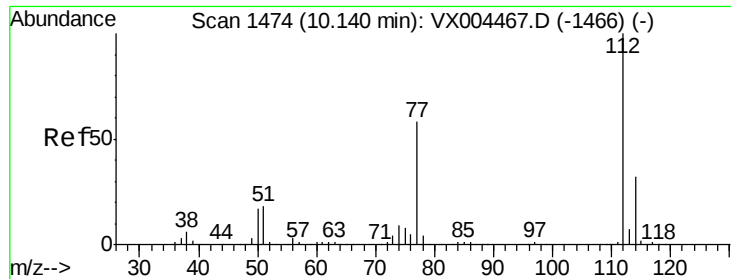
MMDadoda
9/17/2018 6:27:28 PM



#64
Tetrachloroethene
Concen: 20.61 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	142.0	102.8	154.2
129	90.9	69.4	104.0
131	84.6	67.9	101.9





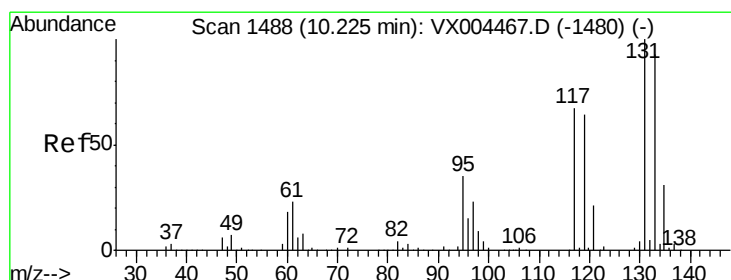
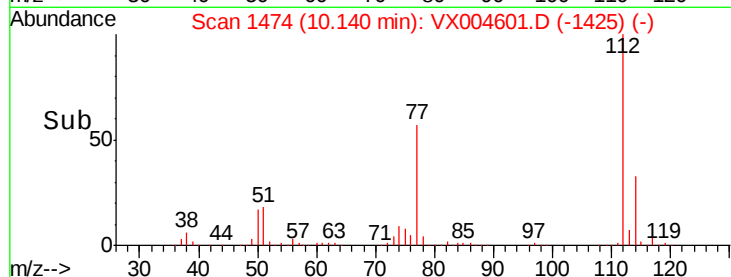
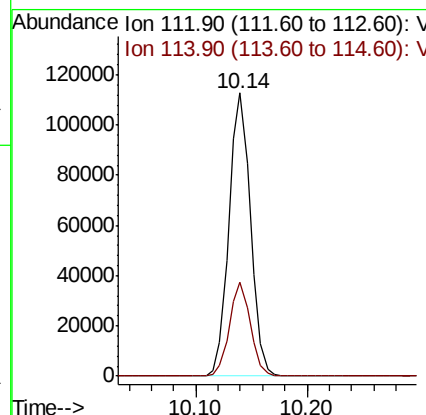
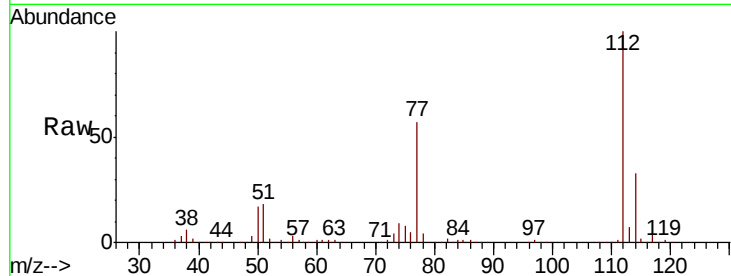
#65
Chlorobenzene
Concen: 19.72 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion:112 Resp: 151142
Ion Ratio Lower Upper
112 100
114 33.1 27.8 41.8

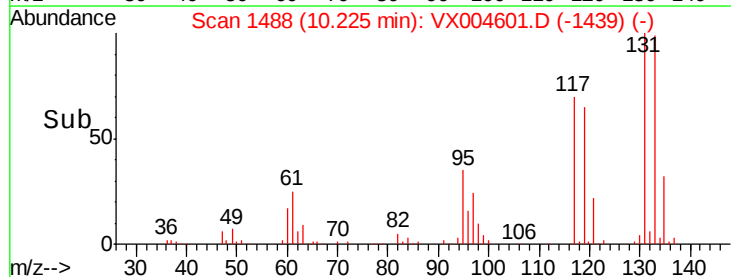
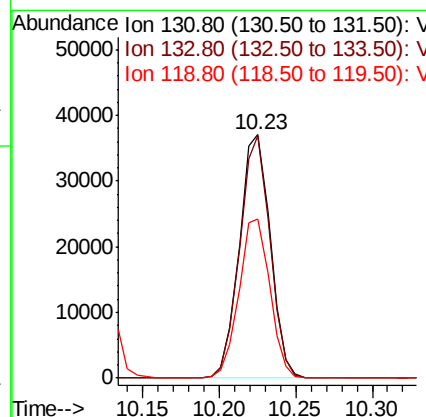
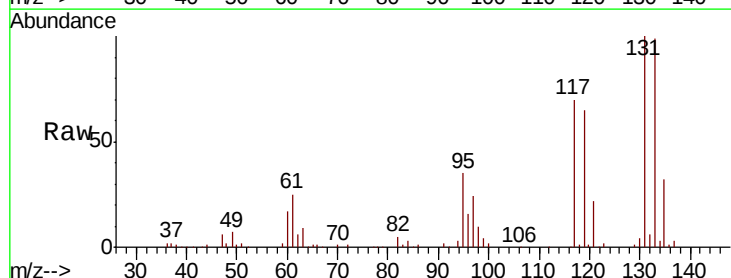
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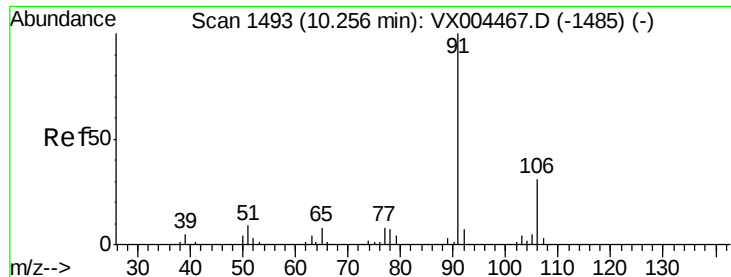
MMDadoda
9/17/2018 6:27:28 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.67 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion:131 Resp: 51985
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.4
119 65.6 32.9 98.6





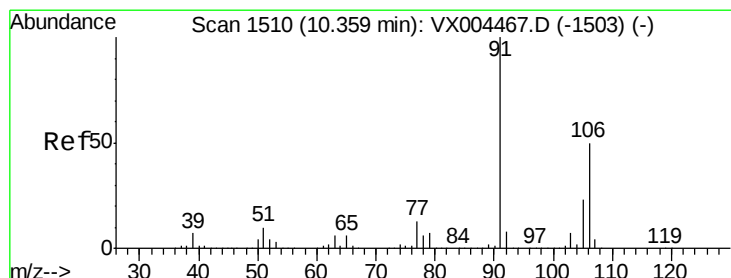
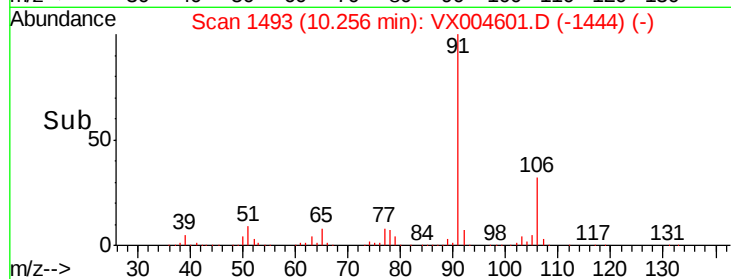
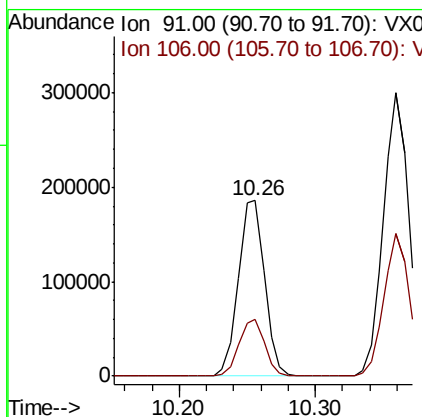
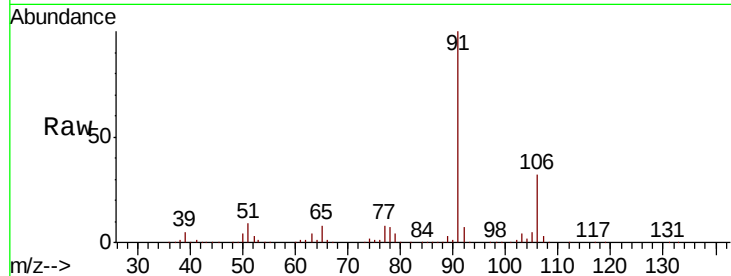
#67
Ethyl Benzene
Concen: 20.07 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.9	38.9

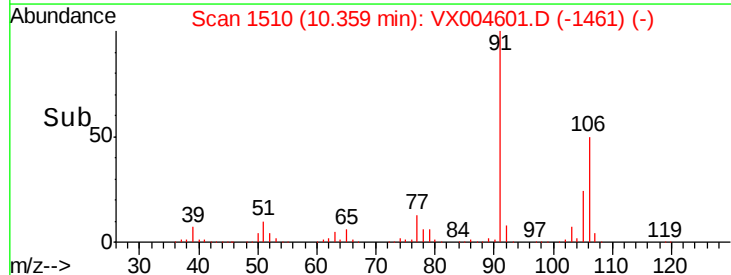
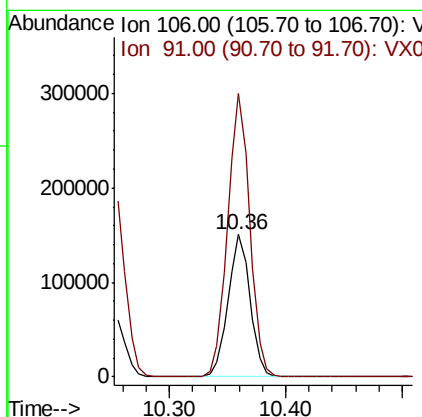
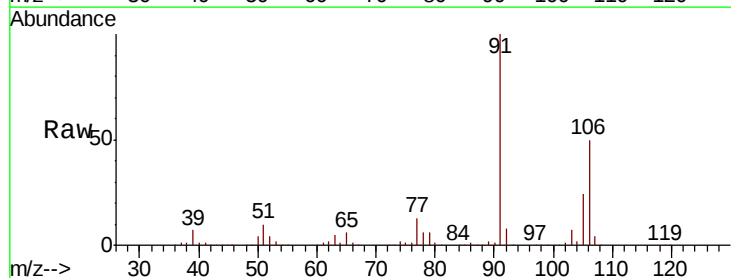
Manual Integrations
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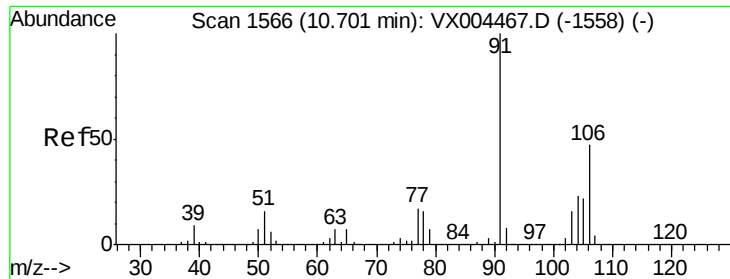
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#68
m/p-Xylenes
Concen: 41.04 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
106	100		
91	200.9	157.1	235.7





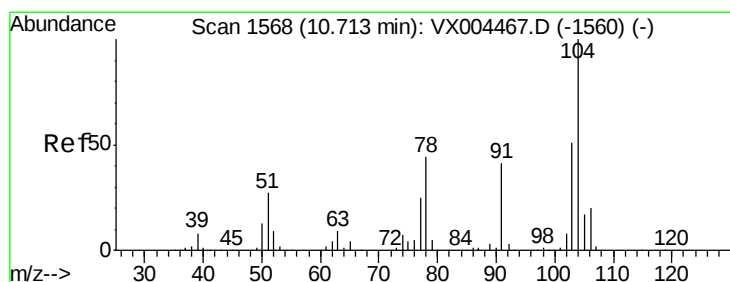
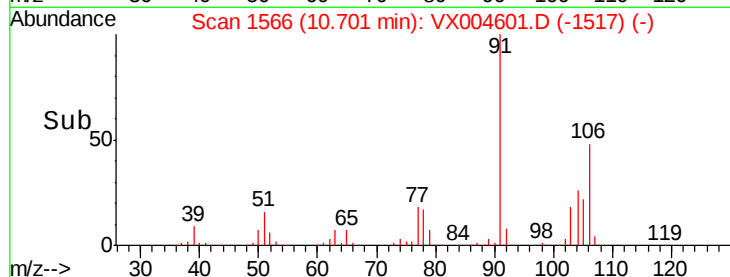
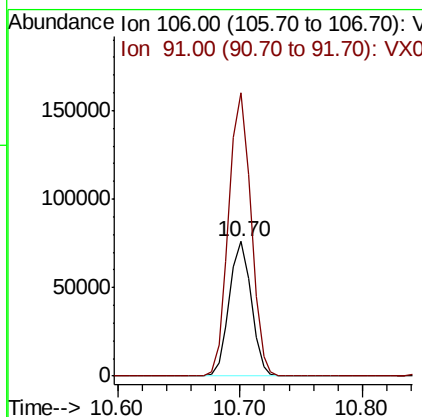
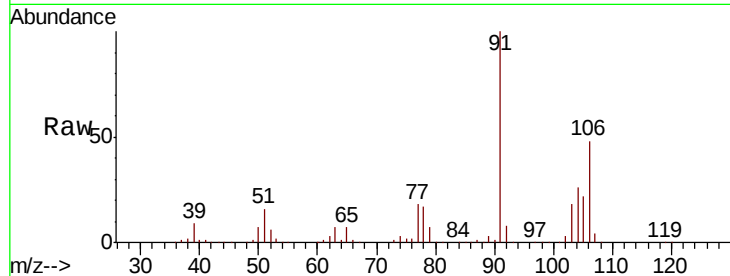
#69
o-Xylene
Concen: 20.53 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion:106 Resp: 94731
Ion Ratio Lower Upper
106 100
91 214.0 105.1 315.1

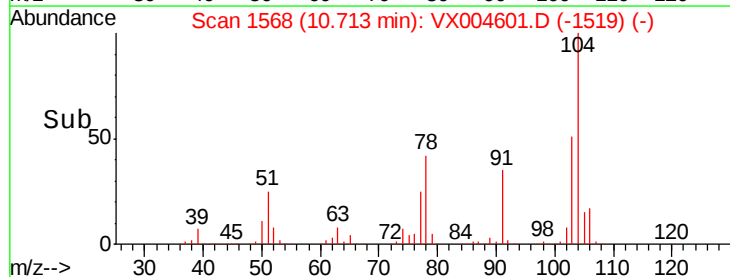
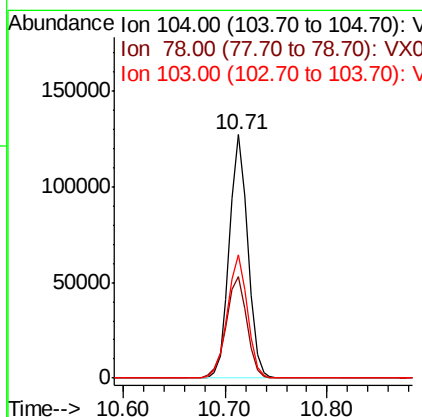
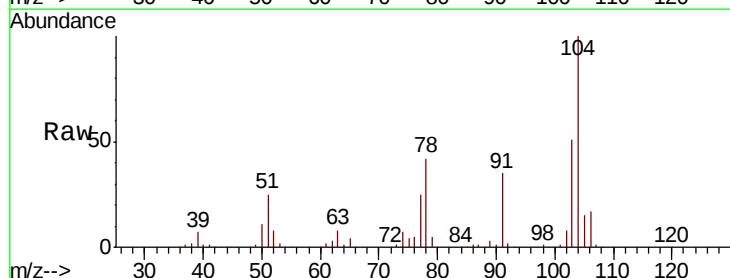
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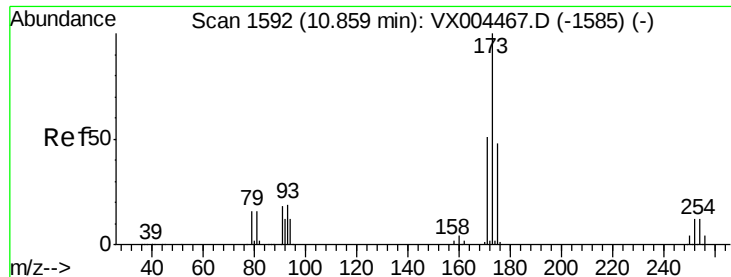
MMDadoda
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#70
Styrene
Concen: 20.79 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion:104 Resp: 158930
Ion Ratio Lower Upper
104 100
78 47.1 37.4 56.0
103 55.0 43.8 65.6





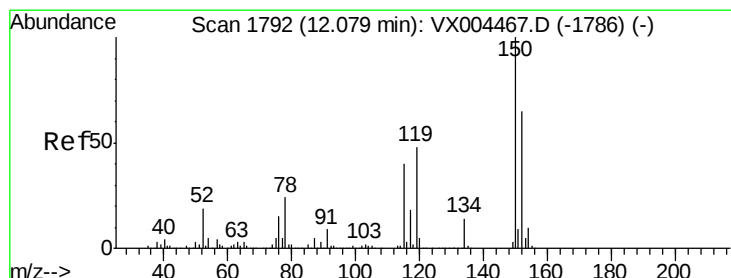
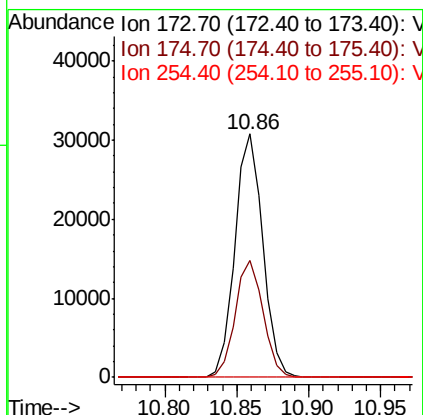
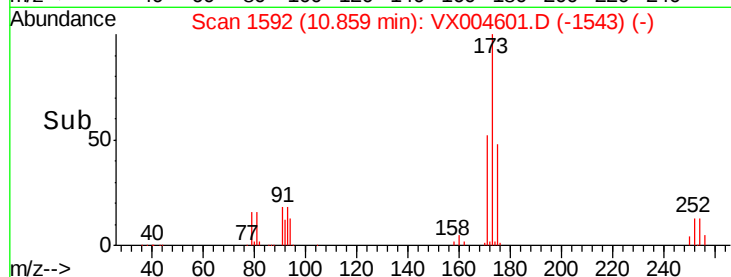
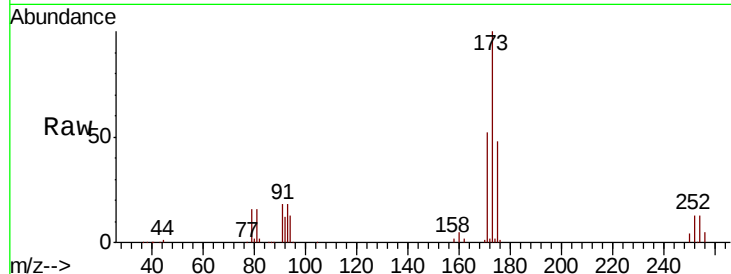
#71
Bromoform
Concen: 19.18 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.3
254	0.1	0.2	0.2

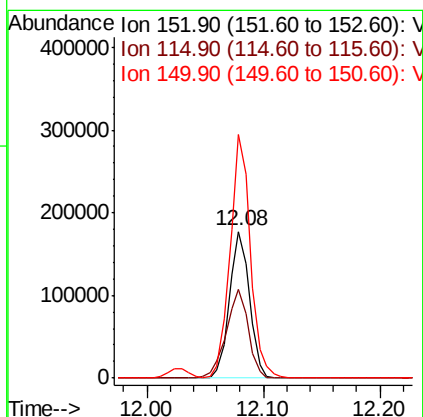
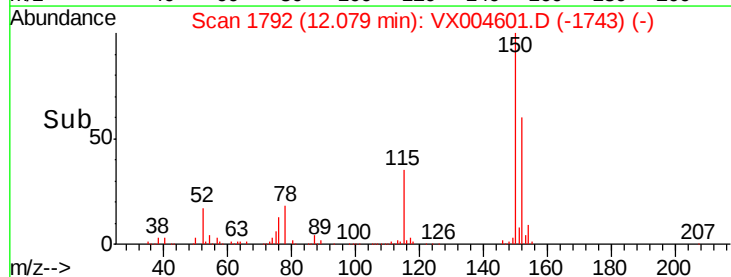
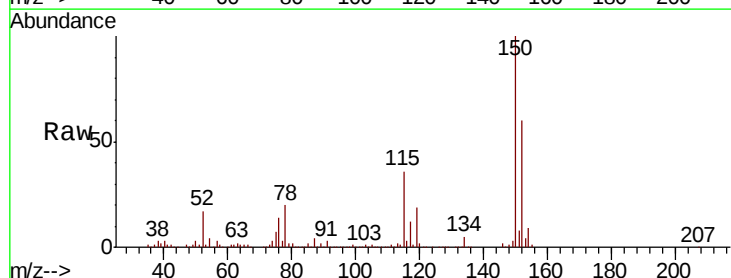
Manual Integrations
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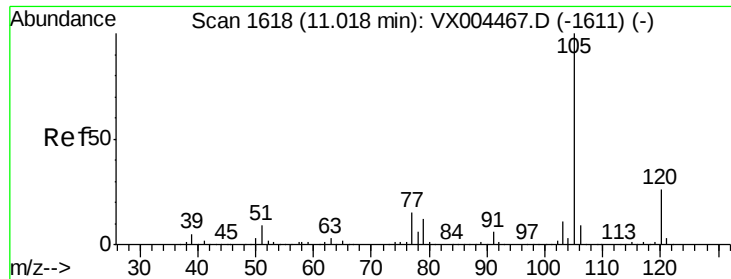
MMDadoda
9/17/2018 6:27:28 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.2	39.0	117.0
150	167.8	0.0	351.0





#73

Isopropylbenzene

Concen: 18.56 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion: 105 Resp: 259337

Ion Ratio Lower Upper

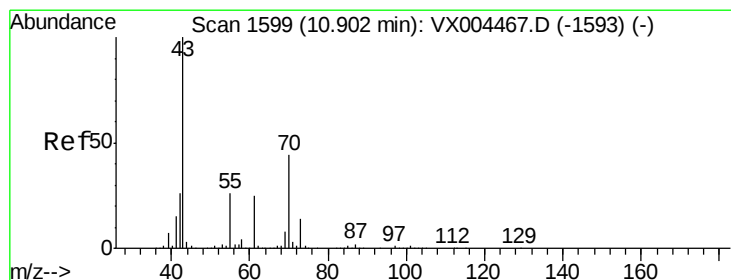
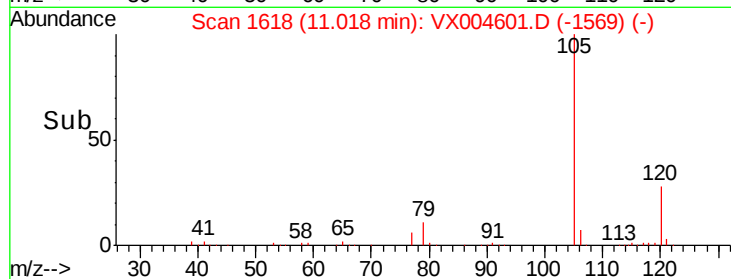
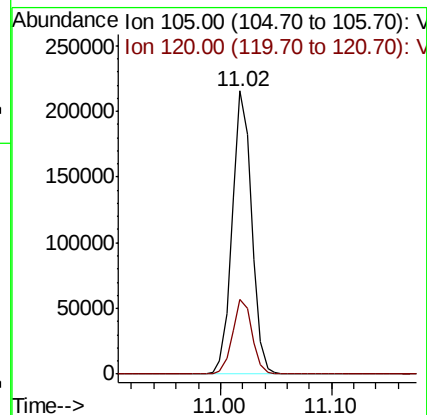
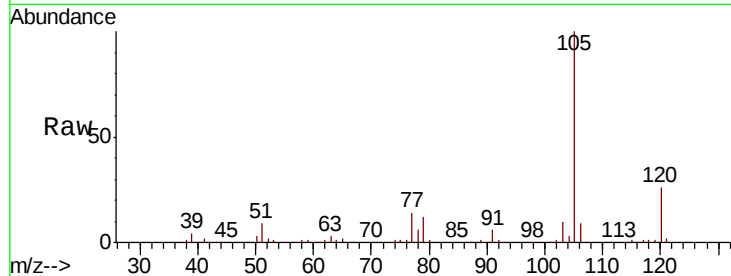
105 100

120 26.4 13.5 40.4

Manual Integrations
APPROVED

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#74

N-ethyl acetate

Concen: 17.09 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Tgt Ion: 43 Resp: 100520

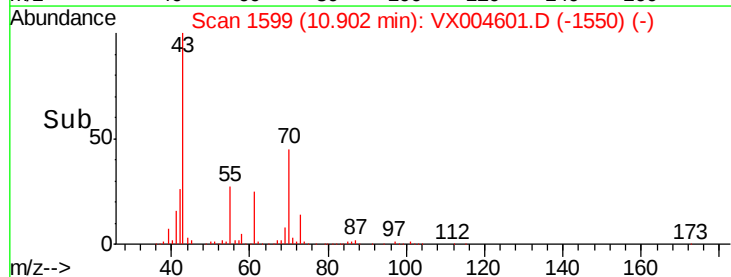
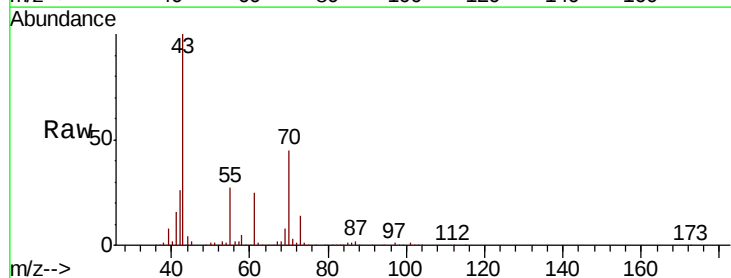
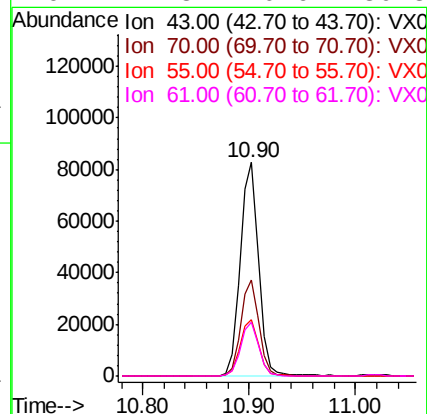
Ion Ratio Lower Upper

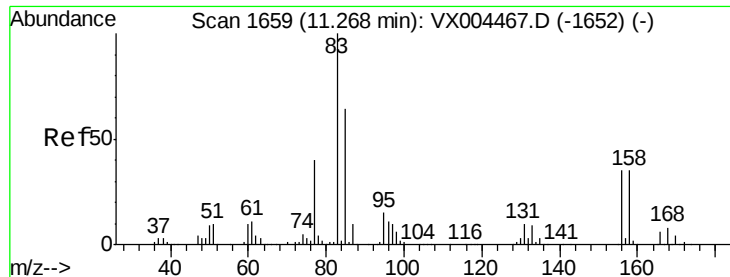
43 100

70 44.6 37.4 56.0

55 27.1 21.8 32.8

61 24.8 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 17.51 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

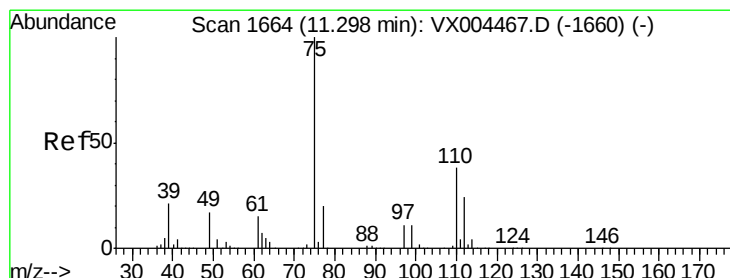
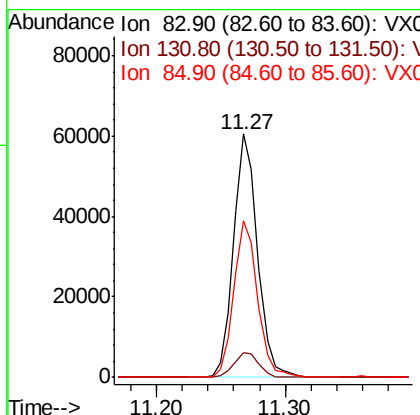
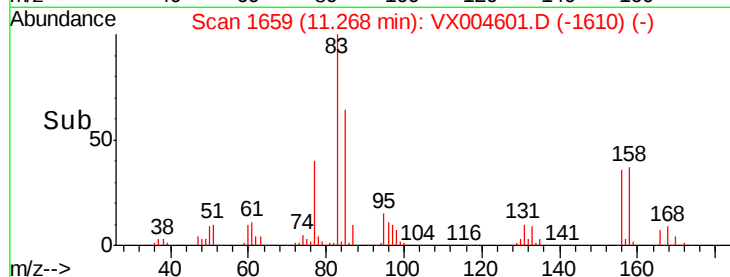
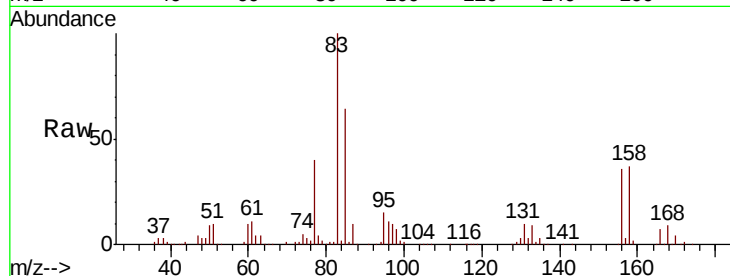
ClientSampleId :

VX0915WBS02

Tot Ion:	83	Resp:	78905
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.2	15.6
85	63.8	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.14 ug/l m

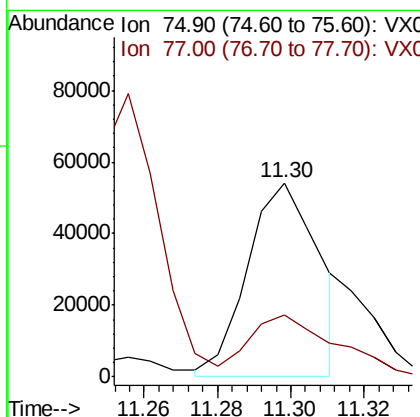
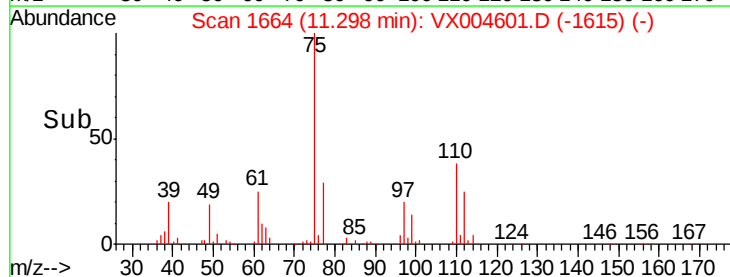
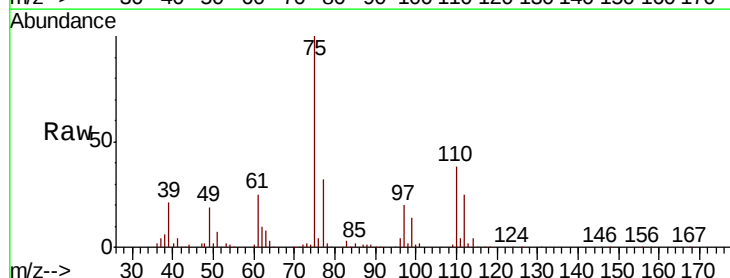
RT: 11.30 min Scan# 1664

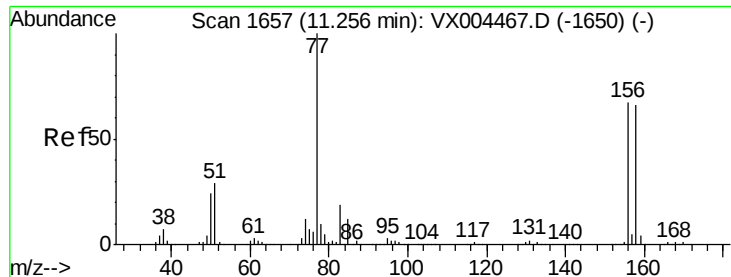
Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Tgt Ion:	75	Resp:	73171
Ion Ratio	Lower	Upper	
75	100		
77	39.3	20.2	60.6





#77

Bromobenzene

Concen: 17.68 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBS02

Tot Ion:156 Resp: 68278

Ion Ratio Lower Upper

156 100

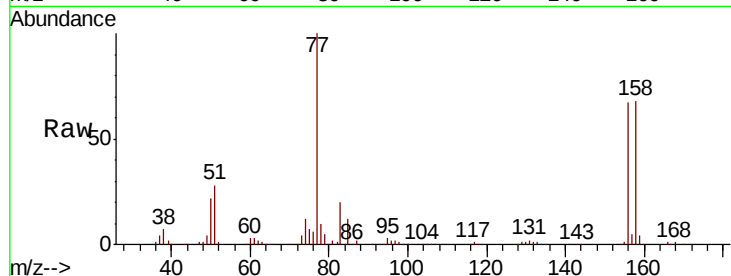
77 146.8 71.5 214.3

158 99.6 48.9 146.8

Manual Integrations
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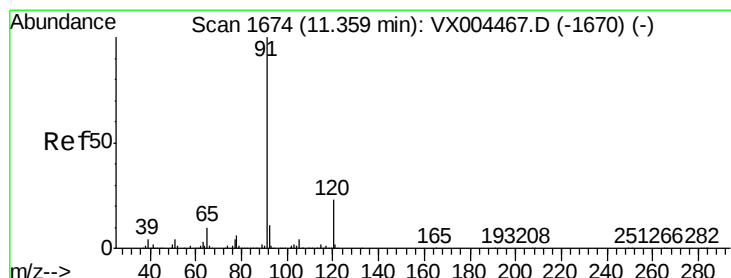
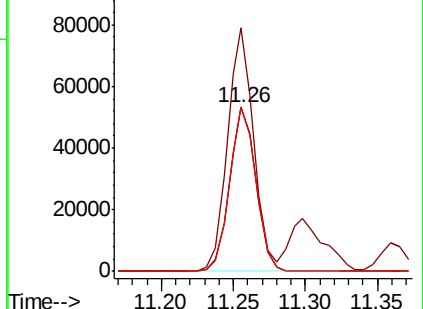
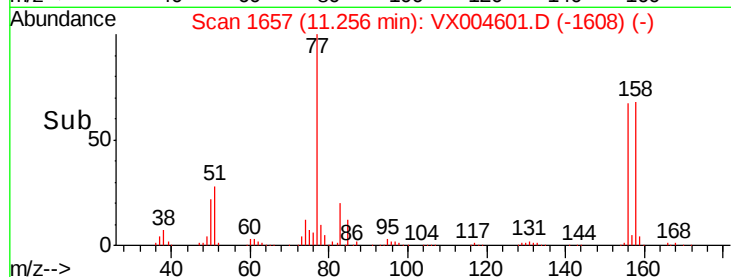
9/17/2018 6:27:28 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.21 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004601.D

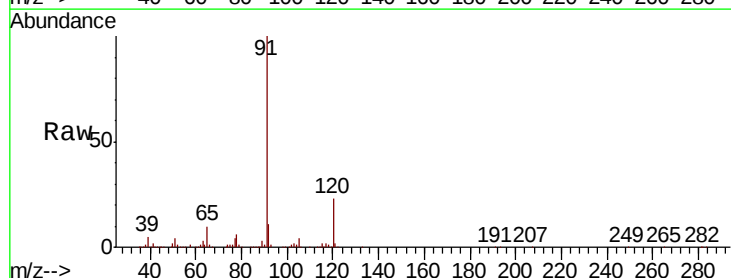
Acq: 15 Sep 2018 23:33

Tgt Ion: 91 Resp: 292657

Ion Ratio Lower Upper

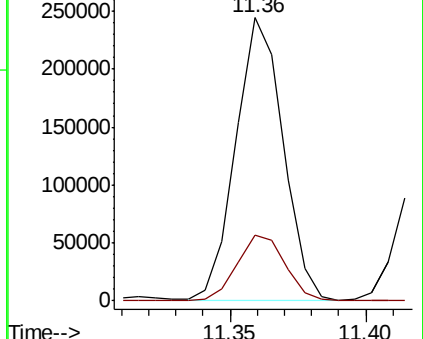
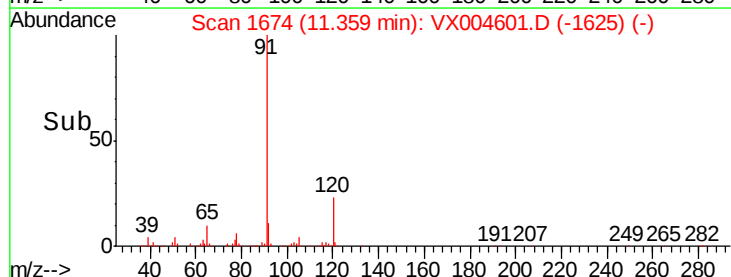
91 100

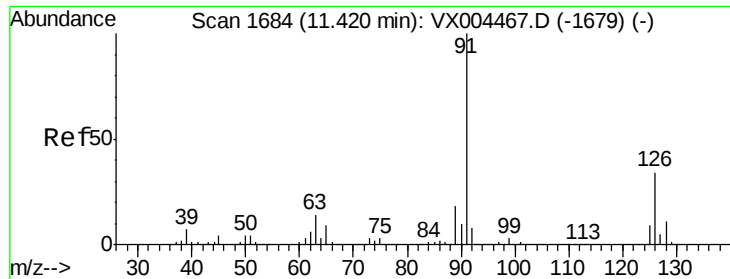
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





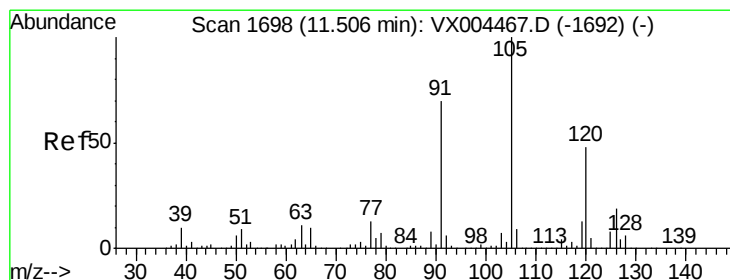
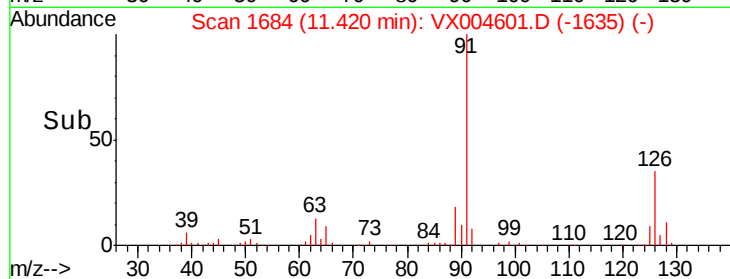
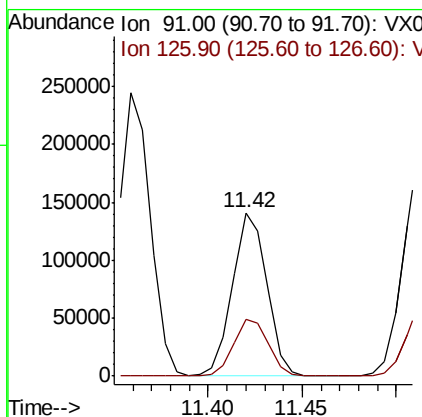
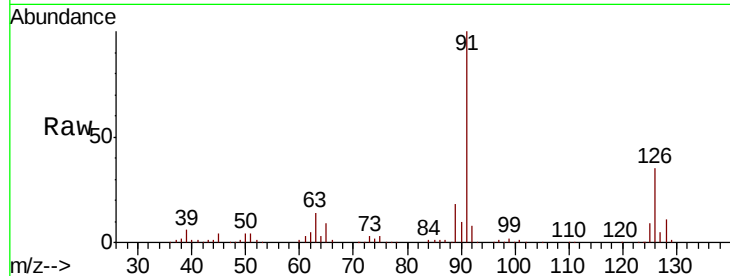
#79
 2-Chlorotoluene
 Concen: 18.20 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion: 91 Resp: 177317
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.9 53.7

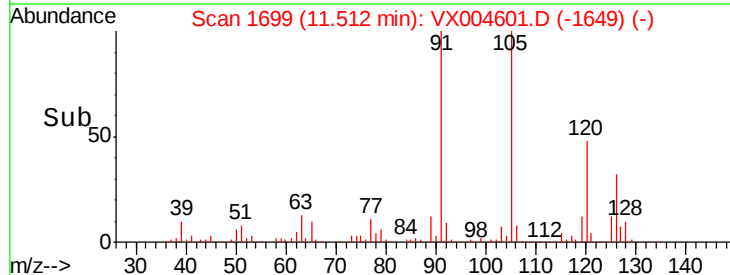
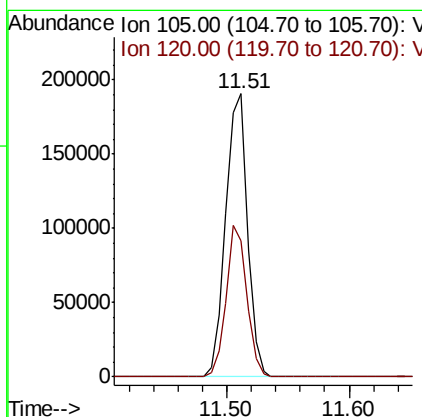
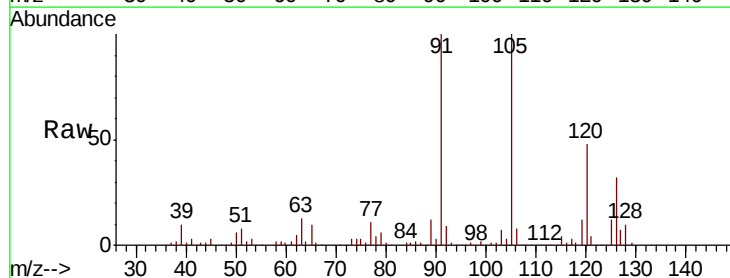
Manual Integrations
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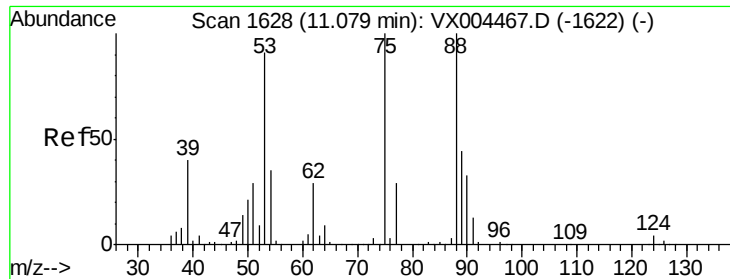
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.97 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion: 105 Resp: 234558
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.6 76.8





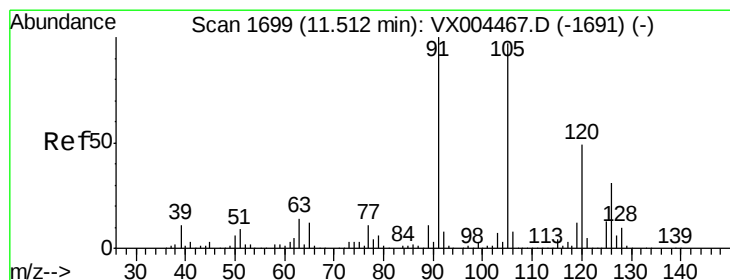
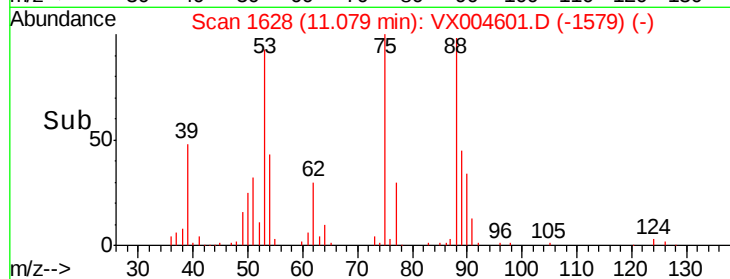
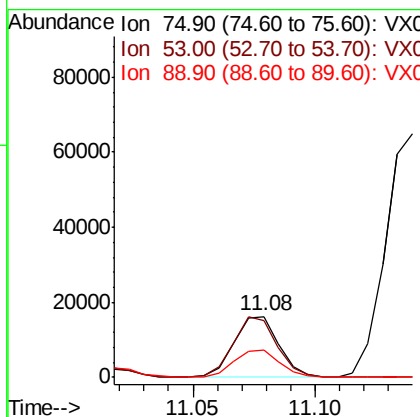
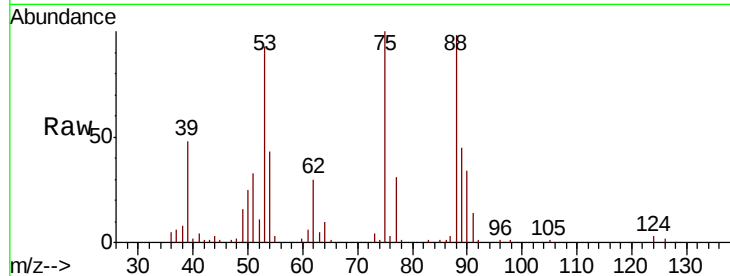
#81
trans-1,4-Dichloro-2-butene
Concen: 15.45 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.5	80.1	120.1
89	45.2	37.2	55.8

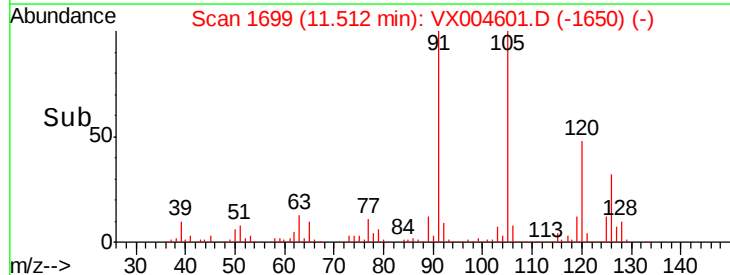
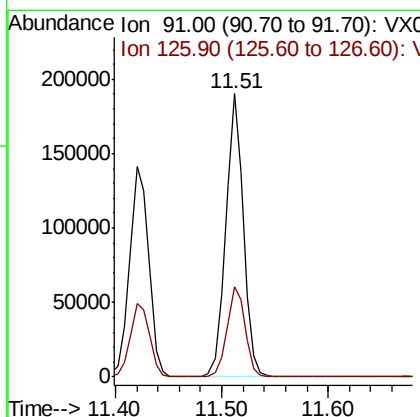
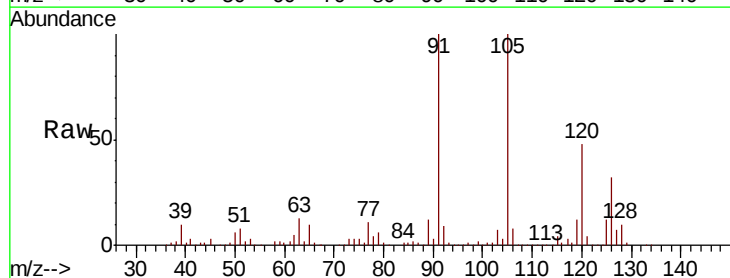
Manual Integrations
APPROVED

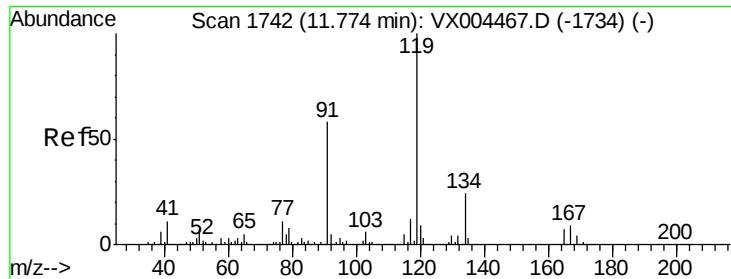
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.30 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	15.5	46.5





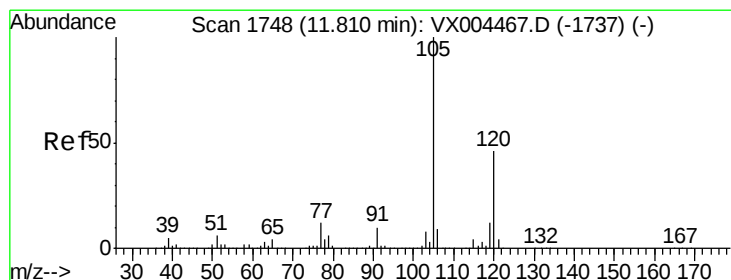
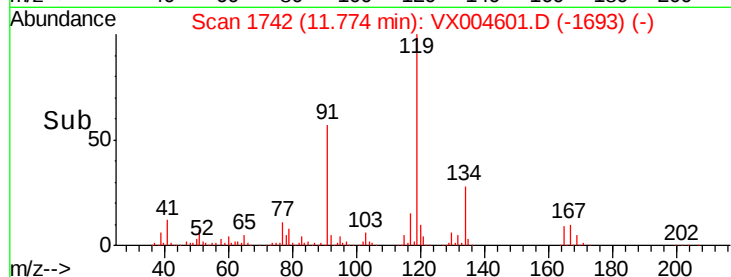
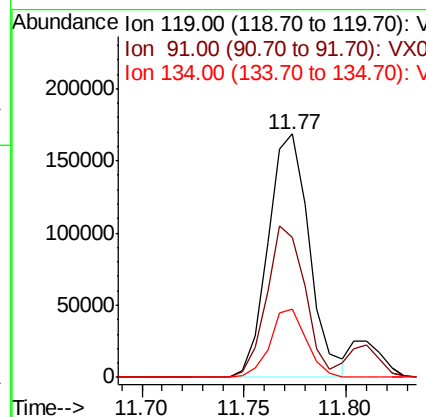
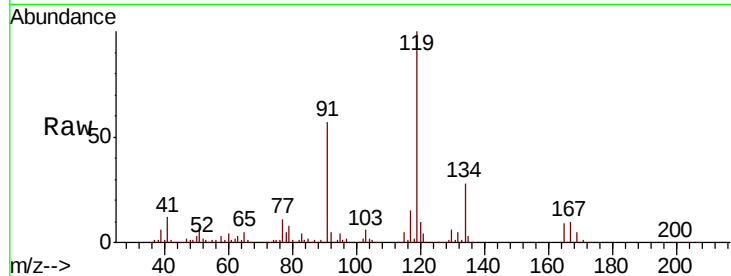
#83
tert-Butylbenzene
Concen: 21.24 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	237548		
91	57.5		27.0	81.0
134	24.8		11.7	35.1

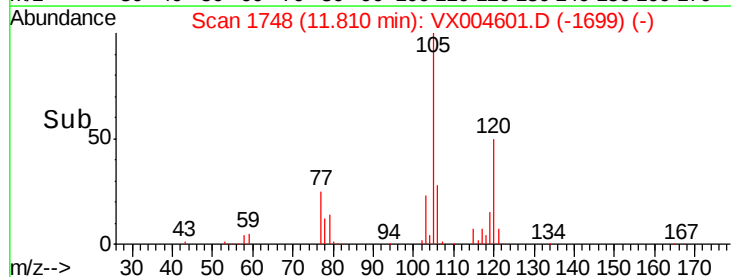
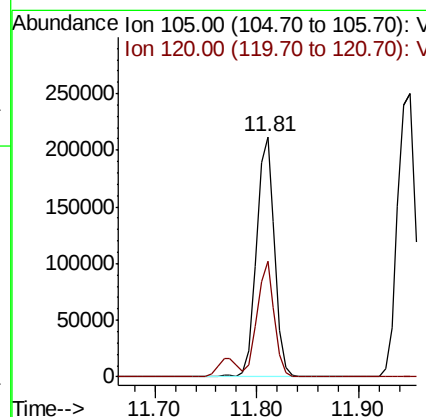
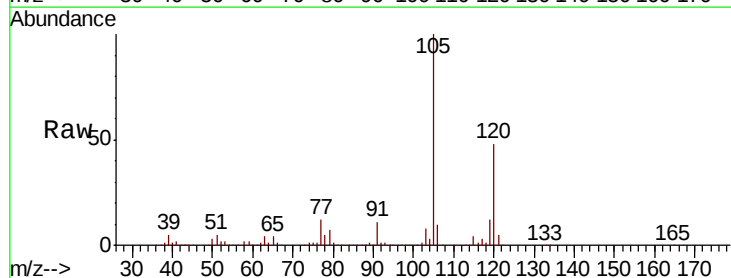
Manual Integrations
APPROVED

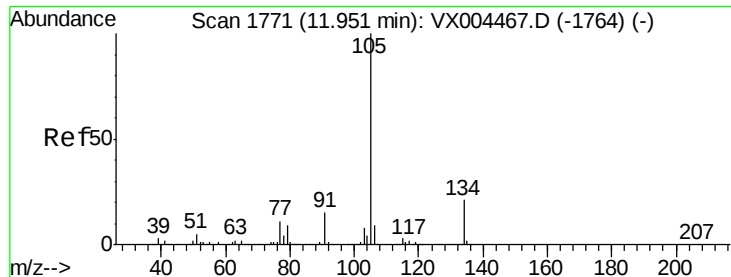
MMDadoda
9/17/2018 6:27:28 PM



#84
1,2,4-Trimethylbenzene
Concen: 22.01 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263982		
120	45.6		23.2	69.6





#85

sec-Butylbenzene

Concen: 21.98 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

Instrument :

MSVOA_X

ClientSampled :

VX0915WBS02

Tot Ion:105 Resp: 313251

Ion Ratio Lower Upper

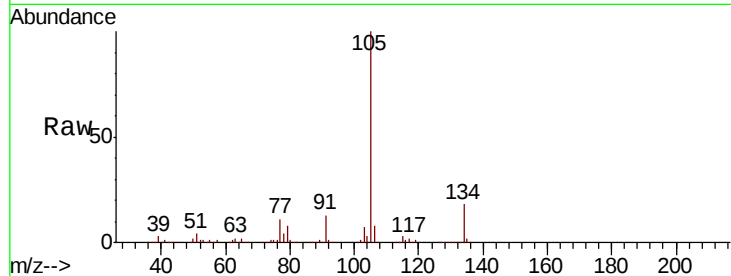
105 100

134 19.4 10.5 31.5

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

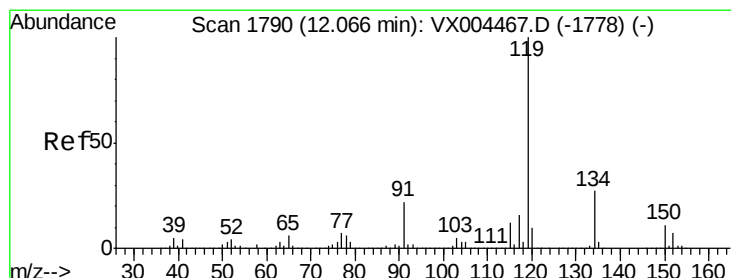
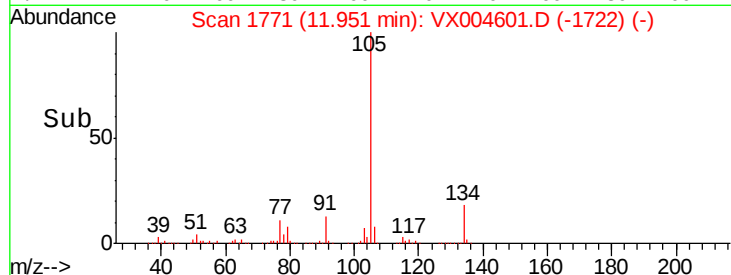
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.11 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004601.D

Acq: 15 Sep 2018 23:33

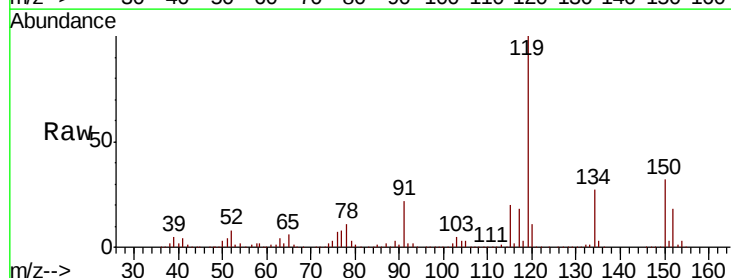
Tgt Ion:119 Resp: 265704

Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.2

91 22.3 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

300000

250000

200000

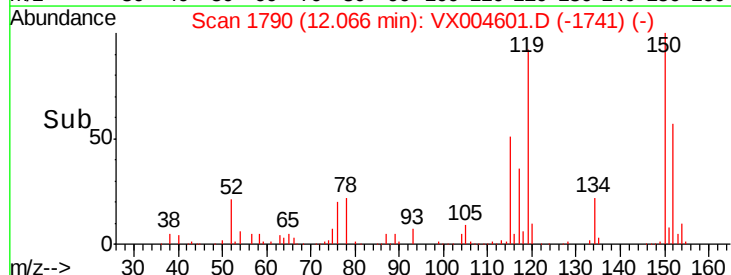
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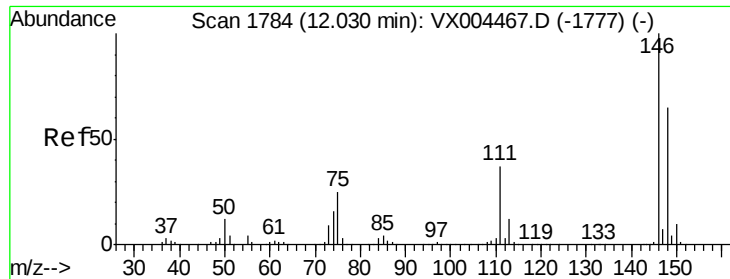
100000

50000

0

Time-->





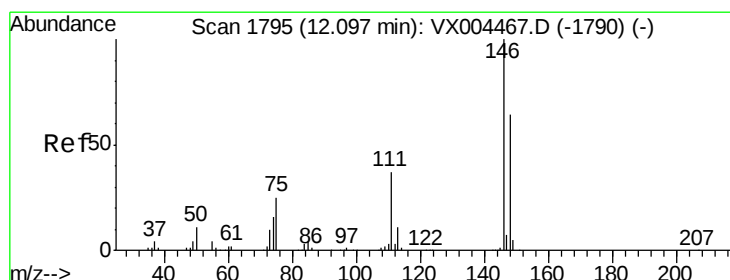
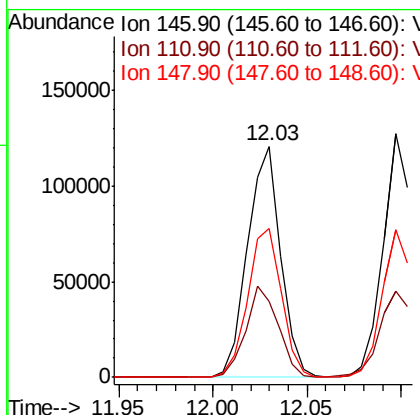
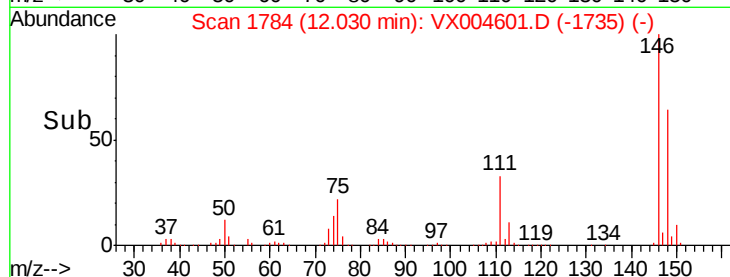
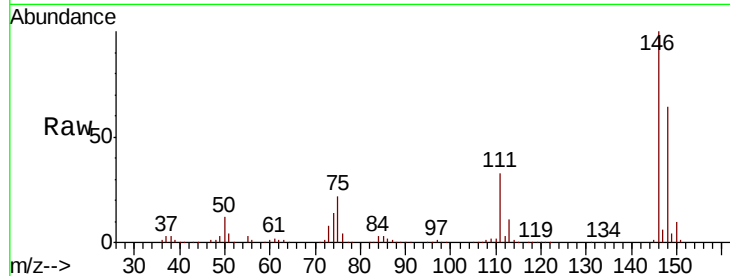
#87
 1,3-Dichlorobenzene
 Concen: 20.41 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.7	56.1
148	66.1	32.1	96.5

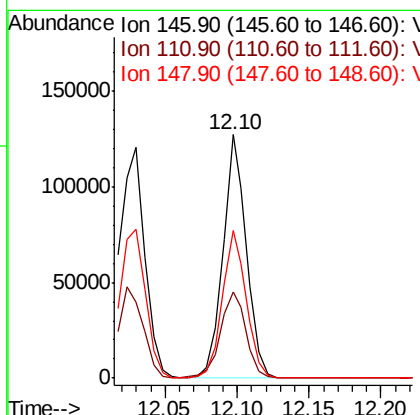
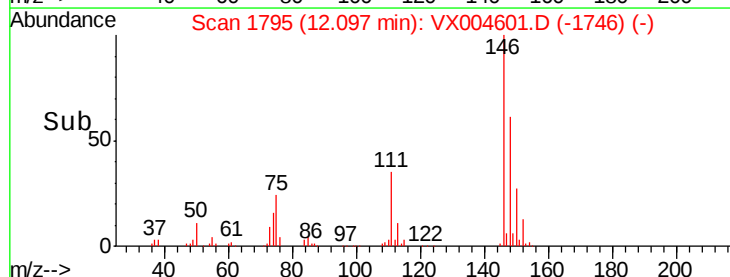
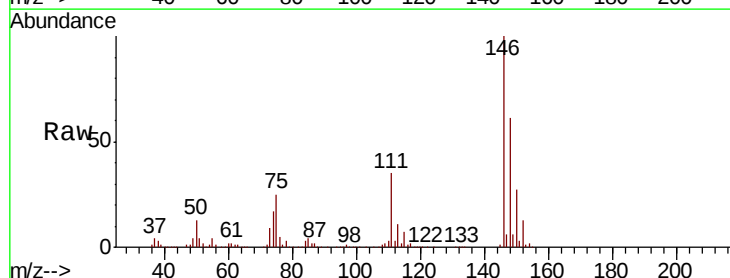
Manual Integrations
 APPROVED

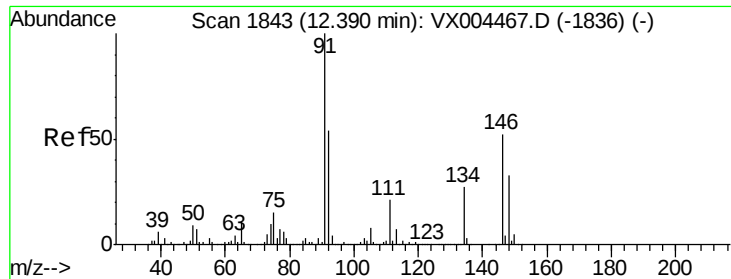
MMDadoda
 9/17/2018 6:27:28 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.48 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.1	54.1
148	62.3	32.0	96.0





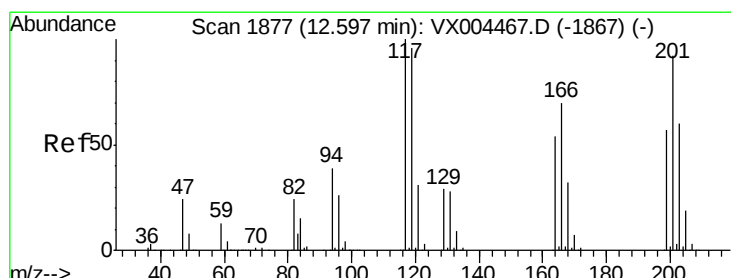
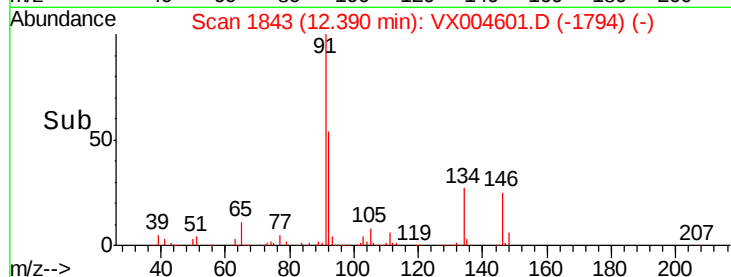
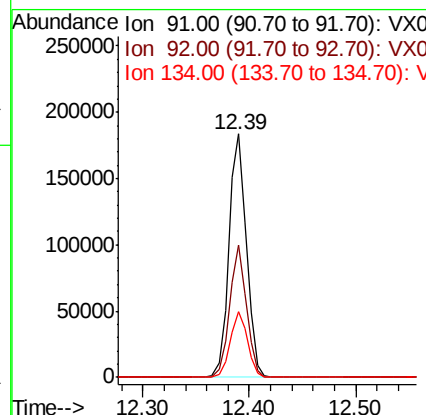
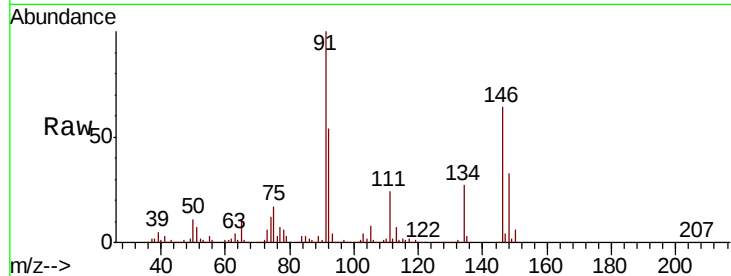
#89
n-Butylbenzene
Concen: 18.41 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	211181		
92	52.2	27.3	81.9	
134	26.8	13.6	40.7	

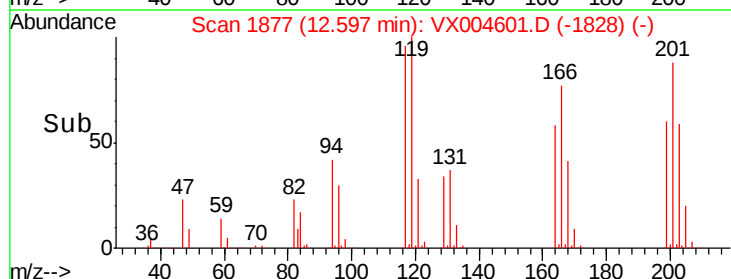
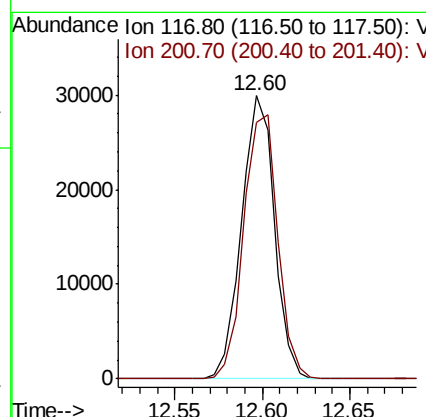
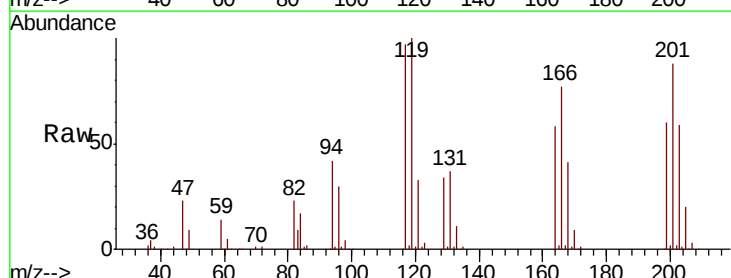
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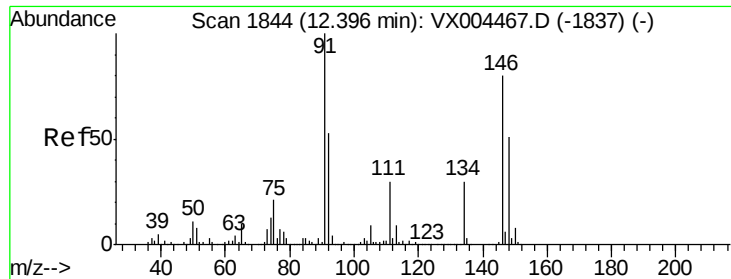
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#90
Hexachloroethane
Concen: 19.39 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39064		
201	96.7	46.9	140.6	





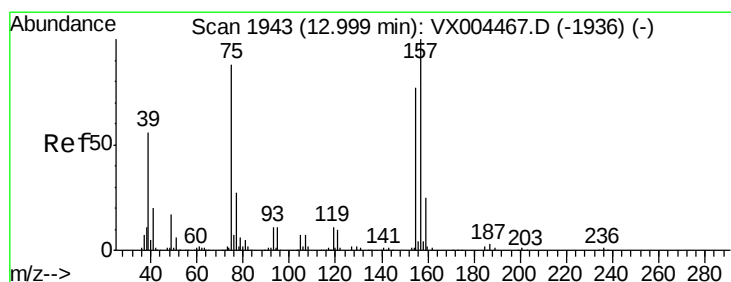
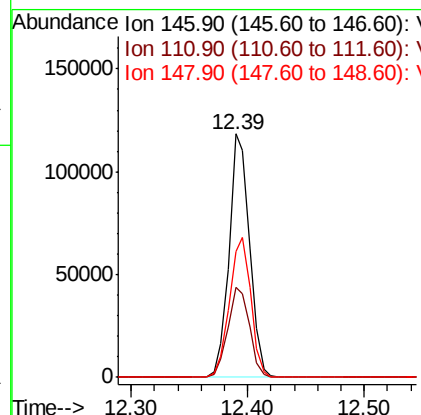
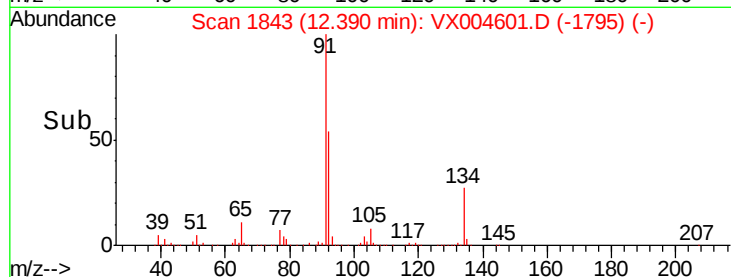
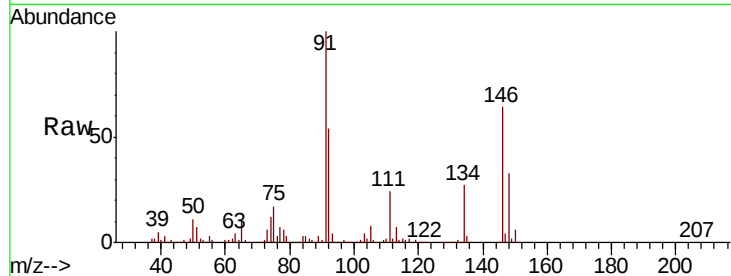
#91
 1,2-Dichlorobenzene
 Concen: 19.70 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.4	58.1
148	60.1	32.8	98.3

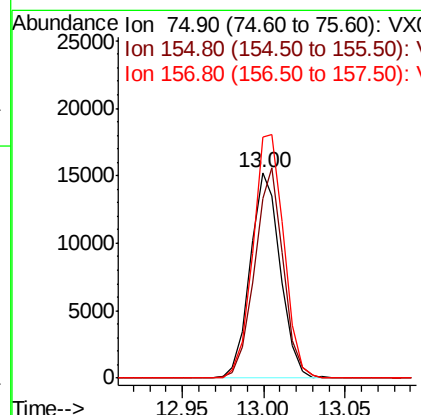
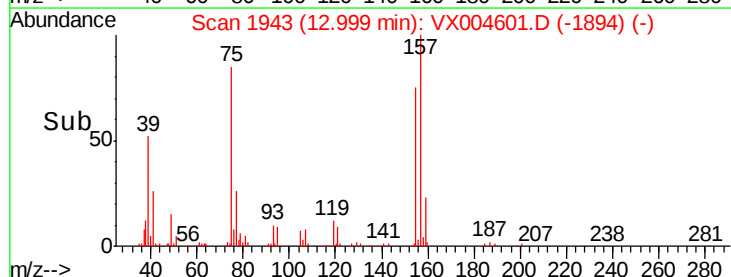
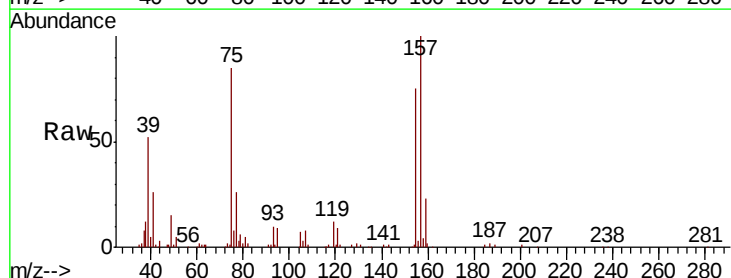
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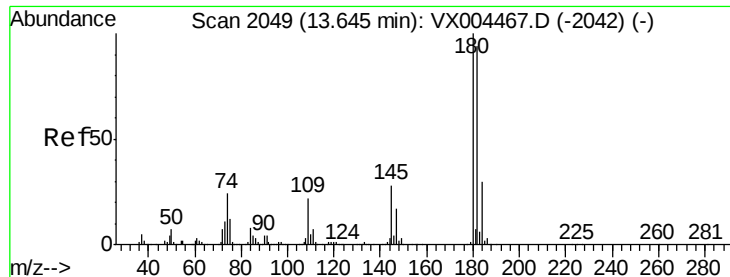
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.33 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	48.0	144.2
157	121.6	61.4	184.1





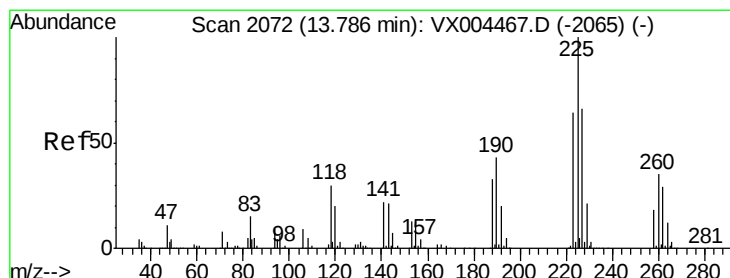
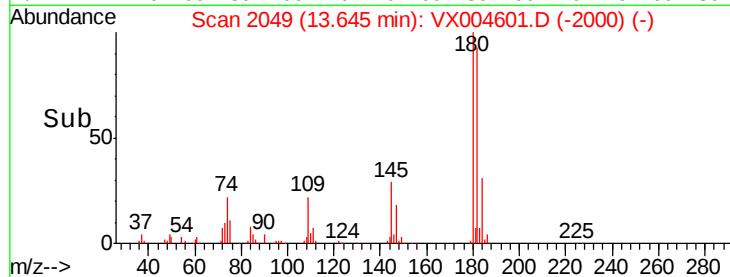
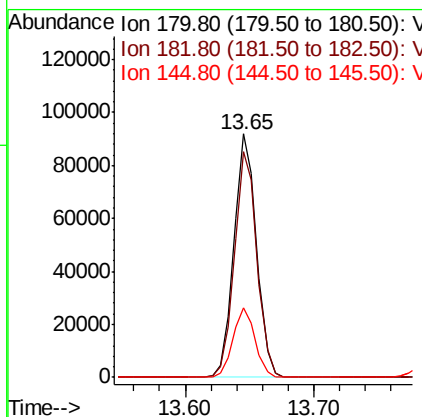
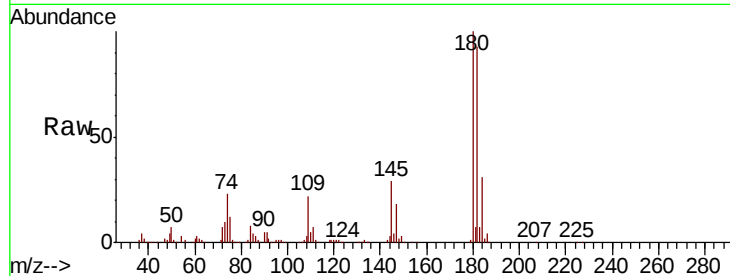
#93
 1,2,4-Trichlorobenzene
 Concen: 21.67 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111934		
182	92.6	48.4	145.0	
145	28.3	14.3	42.9	

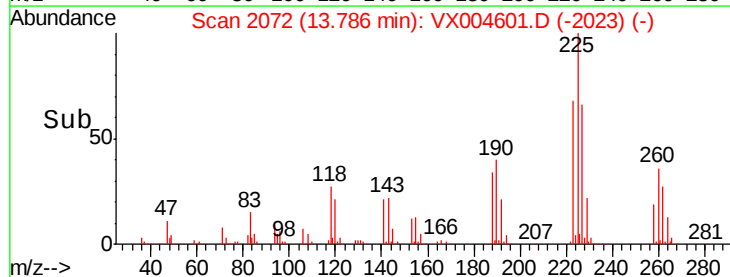
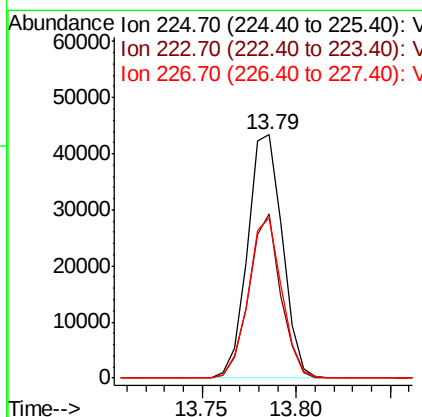
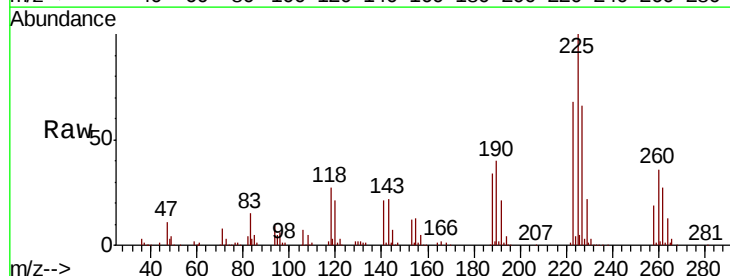
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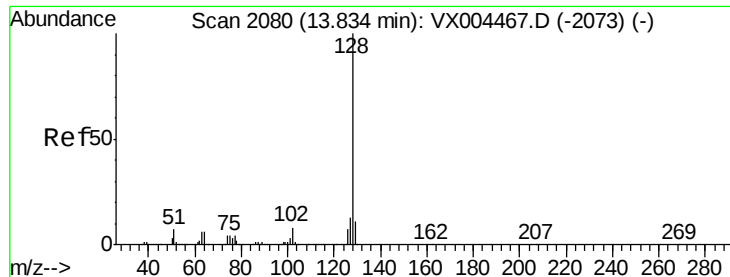
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#94
 Hexachlorobutadiene
 Concen: 20.59 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004601.D
 Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55545		
223	61.6	30.1	90.5	
227	63.3	30.8	92.4	





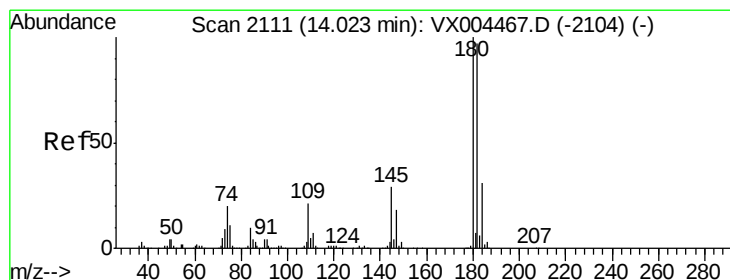
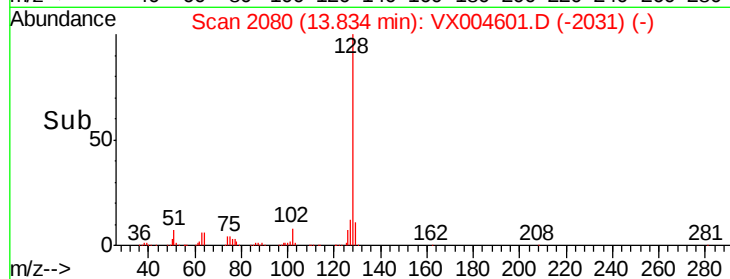
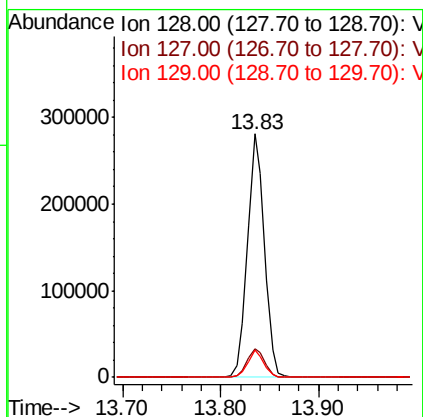
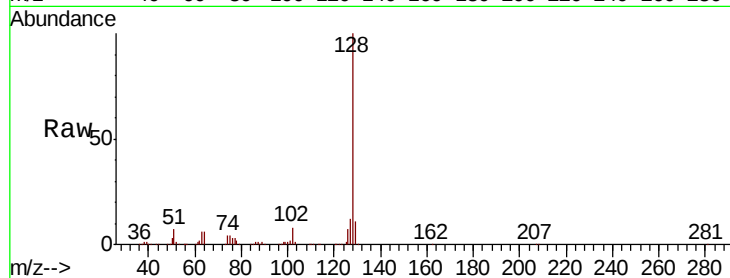
#95
Naphthalene
Concen: 23.26 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	336888		
127	12.3		10.2	15.2
129	10.6		8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.79 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004601.D
Acq: 15 Sep 2018 23:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110302		
182	96.0		48.5	145.6
145	30.2		14.9	44.9

