

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005141.D
 Acq On : 08 Oct 2018 22:16
 Operator : JC/MD
 Sample : VX1008WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:53 PM

Quant Time: Oct 09 07:40:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285205	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168574	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149829	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
35) Dibromofluoromethane	5.50	113	115240	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
50) Toluene-d8	8.71	98	421481	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.14	95	155089	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50856	19.28	ug/l	100
3) Chloromethane	1.32	50	59847	18.70	ug/l	99
4) Vinyl Chloride	1.40	62	59912	19.96	ug/l	97
5) Bromomethane	1.64	94	37559	21.10	ug/l	95
6) Chloroethane	1.71	64	36615	21.04	ug/l	94
7) Trichlorofluoromethane	1.93	101	79922	21.51	ug/l	96
8) Diethyl Ether	2.19	74	31809	19.71	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44034	20.80	ug/l	99
10) Methyl Iodide	2.51	142	36270	12.81	ug/l	92
11) Tert butyl alcohol	3.07	59	87590	113.36	ug/l	98
12) 1,1-Dichloroethene	2.37	96	42757	20.40	ug/l	88
13) Acrolein	2.29	56	15466	28.13	ug/l	89
14) Allyl chloride	2.73	41	96449	21.09	ug/l	96
15) Acrylonitrile	3.15	53	181940	106.96	ug/l	95
16) Acetone	2.45	43	163671	101.45	ug/l	93
17) Carbon Disulfide	2.57	76	105682	16.78	ug/l	100
18) Methyl Acetate	2.78	43	109924	26.89	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	163234	22.58	ug/l	93
20) Methylene Chloride	2.85	84	50269	20.94	ug/l	87
21) trans-1,2-Dichloroethene	3.16	96	44384	19.34	ug/l	86
22) Diisopropyl ether	3.87	45	163017	21.17	ug/l	97
23) Vinyl Acetate	3.82	43	684303	97.07	ug/l	99
24) 1,1-Dichloroethane	3.69	63	93579	20.37	ug/l	100
25) 2-Butanone	4.71	43	251806	105.88	ug/l	90
26) 2,2-Dichloropropane	4.58	77	53127	16.61	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	51795	20.21	ug/l	98
28) Bromochloromethane	5.03	49	45656	21.10	ug/l	95
29) Tetrahydrofuran	5.16	42	158899	107.50	ug/l	97
30) Chloroform	5.21	83	91594	21.10	ug/l	84
31) Cyclohexane	5.57	56	68977	19.62	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	74974	21.14	ug/l	96
36) 1,1-Dichloropropene	5.79	75	62228	18.87	ug/l	90
37) Ethyl Acetate	4.86	43	85785	19.60	ug/l	99
38) Carbon Tetrachloride	5.78	117	63571	18.34	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62539	18.57	ug/l	86
40) Benzene	6.13	78	190960	18.50	ug/l	92
41) Methacrylonitrile	5.06	41	49557	20.41	ug/l	98
42) 1,2-Dichloroethane	6.20	62	71076	19.47	ug/l	97
43) Isopropyl Acetate	6.47	43	121577	19.24	ug/l	97
44) Trichloroethene	7.21	130	49519	19.51	ug/l	94
45) 1,2-Dichloropropane	7.52	63	51439	20.32	ug/l	95
46) Dibromomethane	7.66	93	32211	20.24	ug/l	99
47) Bromodichloromethane	7.90	83	62420	20.95	ug/l	99
48) Methyl methacrylate	7.78	41	61642	21.49	ug/l	99
49) 1,4-Dioxane	7.76	88	29831	418.69	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	440688	110.77	ug/l	99
52) Toluene	8.79	92	116894	20.60	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	63667	18.91	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	71459	20.26	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	50659	20.39	ug/l	96
56) Ethyl methacrylate	9.18	69	72749	19.87	ug/l	98
57) 1,3-Dichloropropane	9.37	76	83003	20.07	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	212127	107.67	ug/l	100
59) 2-Hexanone	9.49	43	346289	104.45	ug/l	94
60) Dibromochloromethane	9.59	129	50383	20.27	ug/l	97
61) 1,2-Dibromoethane	9.67	107	50712	19.05	ug/l	93
64) Tetrachloroethene	9.34	164	49243	18.29	ug/l	96
65) Chlorobenzene	10.14	112	131938	18.81	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	47776	19.37	ug/l	99
67) Ethyl Benzene	10.26	91	215483	19.35	ug/l	95
68) m/p-Xylenes	10.36	106	167696	38.53	ug/l	95
69) o-Xylene	10.70	106	80330	20.09	ug/l	99
70) Styrene	10.71	104	136615	19.63	ug/l	99
71) Bromoform	10.86	173	40010	18.95	ug/l	# 98
73) Isopropylbenzene	11.02	105	222025	20.90	ug/l	99
74) N-amyl acetate	10.90	43	102654	18.71	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81716	18.89	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77425m	20.49	ug/l	
77) Bromobenzene	11.26	156	60940	19.75	ug/l	100
78) n-propylbenzene	11.36	91	254787	20.90	ug/l	99
79) 2-Chlorotoluene	11.42	91	154508	20.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	190785	19.47	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20022	15.87	ug/l	97
82) 4-Chlorotoluene	11.51	91	181874	20.33	ug/l	99
83) tert-Butylbenzene	11.77	119	188788	21.58	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	195486	19.34	ug/l	99
85) sec-Butylbenzene	11.94	105	226913	21.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	202584	20.98	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113197	19.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	114833	19.30	ug/l	99
89) n-Butylbenzene	12.39	91	170172	19.41	ug/l	100
90) Hexachloroethane	12.60	117	32731	20.36	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	114387	18.99	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19096	20.11	ug/l	100

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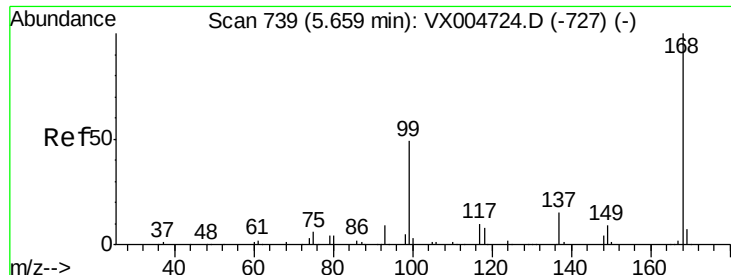
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81517	19.30	ug/l	99
94) Hexachlorobutadiene	13.78	225	43566	19.89	ug/l	98
95) Naphthalene	13.83	128	256626	18.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	86396	19.80	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion: 168 Resp: 193455

Ion Ratio Lower Upper

168 100

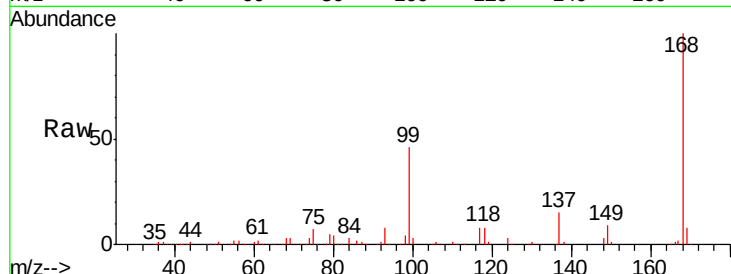
99 46.2 39.3 58.9

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

5.66

80000

60000

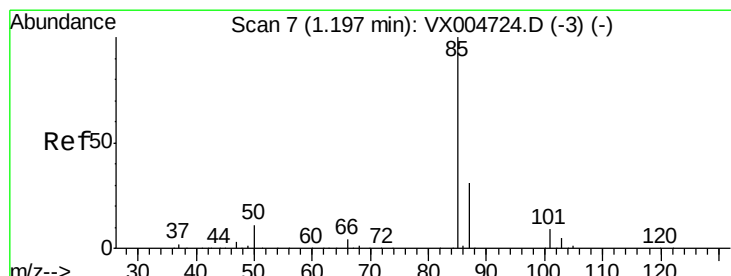
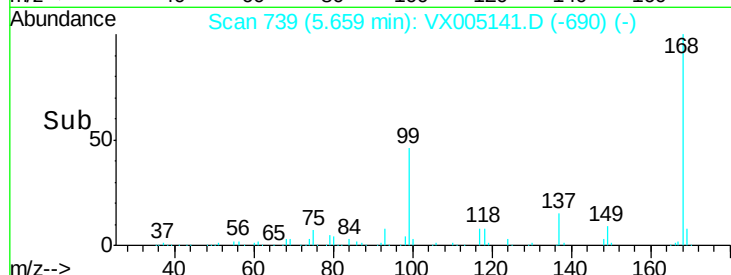
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.28 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005141.D

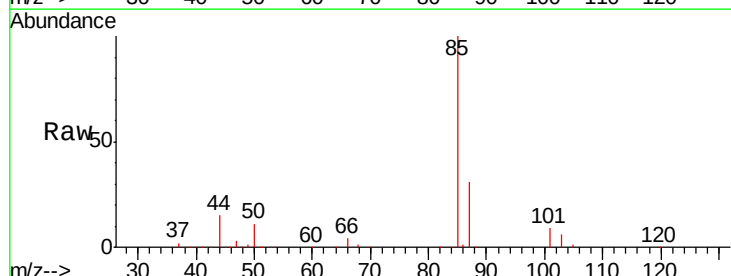
Acq: 08 Oct 2018 22:16

Tgt Ion: 85 Resp: 50856

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

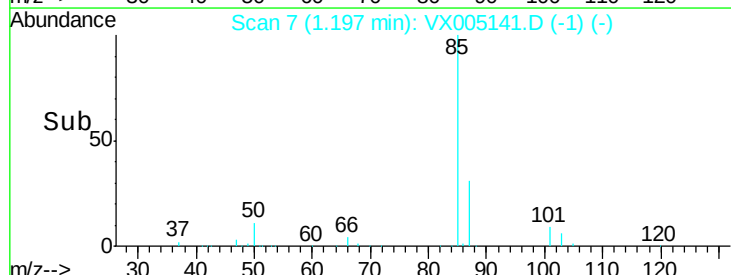
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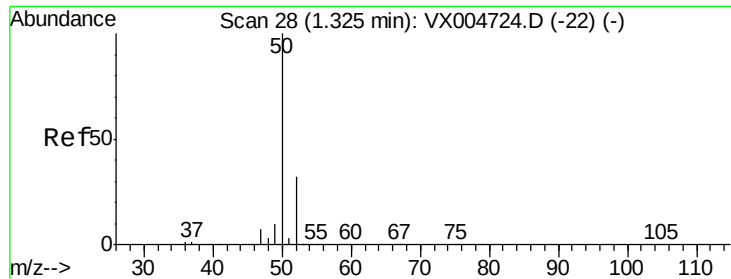
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.70 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion: 50 Resp: 59847

Ion Ratio Lower Upper

50 100

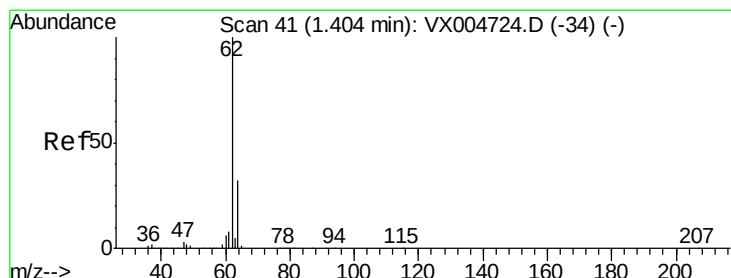
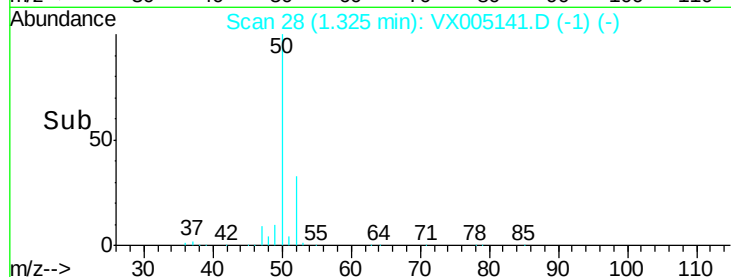
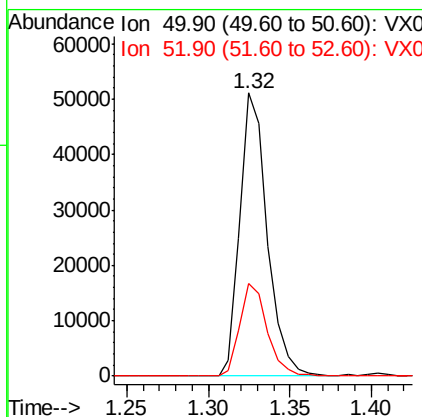
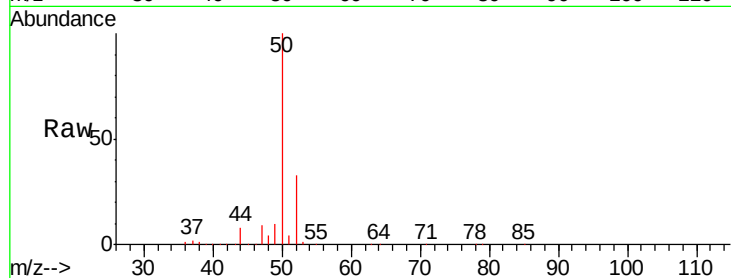
52 32.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.96 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005141.D

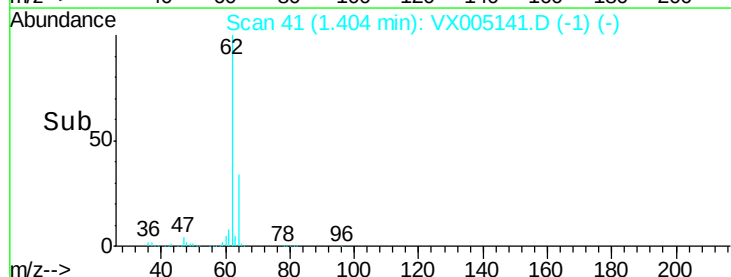
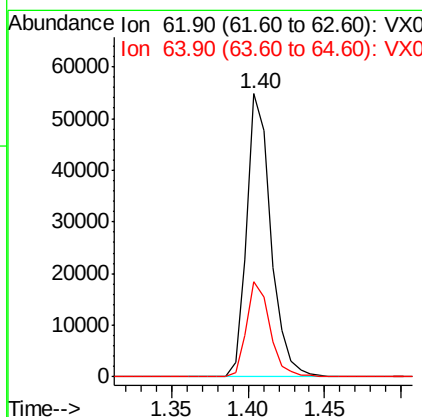
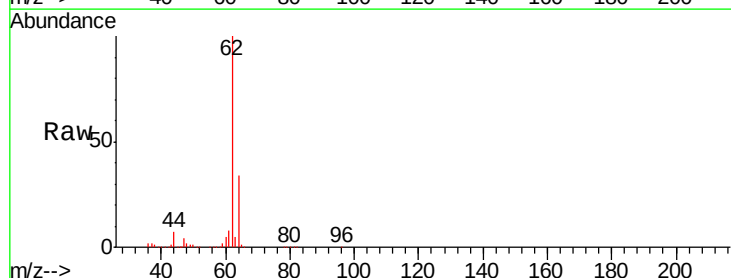
Acq: 08 Oct 2018 22:16

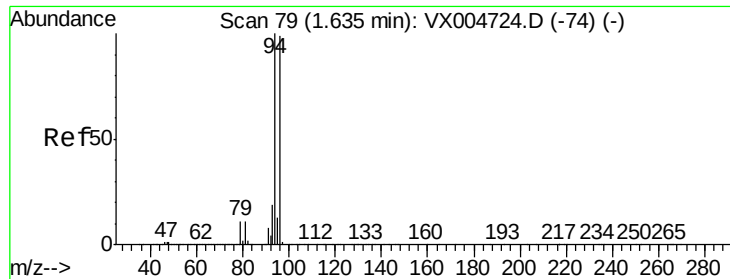
Tgt Ion: 62 Resp: 59912

Ion Ratio Lower Upper

62 100

64 33.6 25.5 38.3





#5

Bromomethane

Concen: 21.10 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion: 94 Resp: 37559

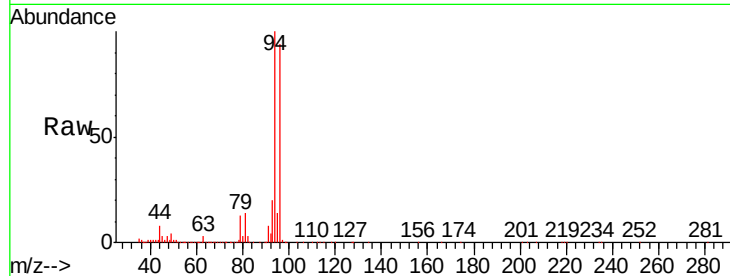
Ion Ratio Lower Upper

94 100

96 94.0 79.5 119.3

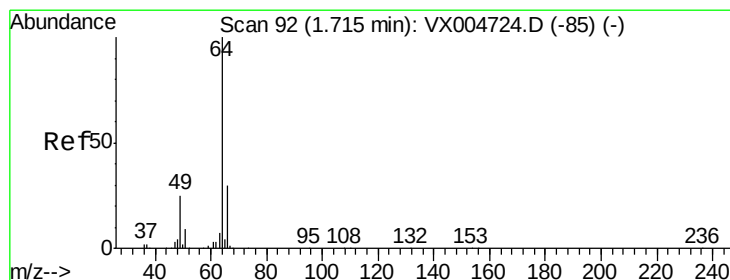
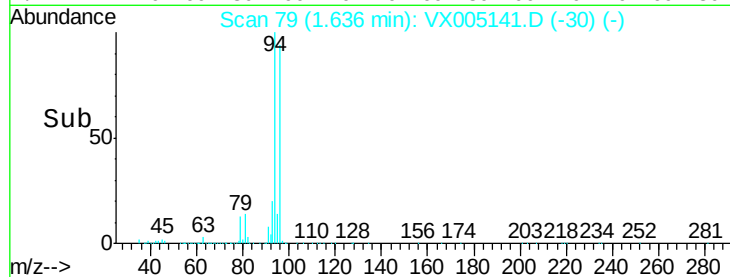
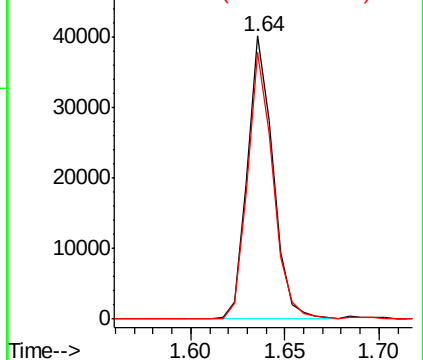
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.04 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005141.D

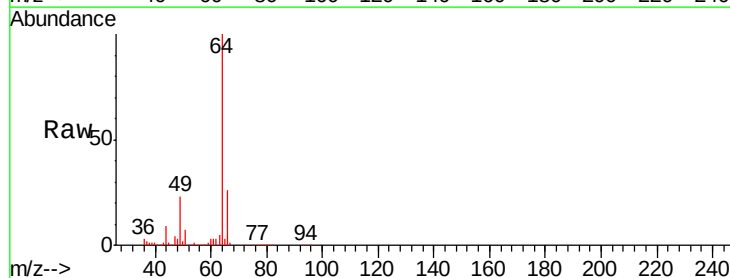
Acq: 08 Oct 2018 22:16

Tgt Ion: 64 Resp: 36615

Ion Ratio Lower Upper

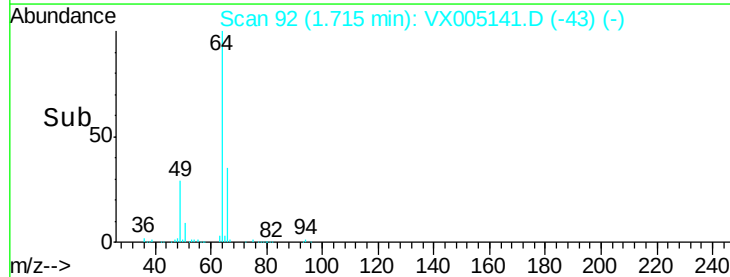
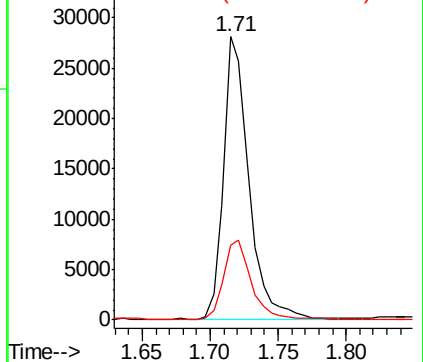
64 100

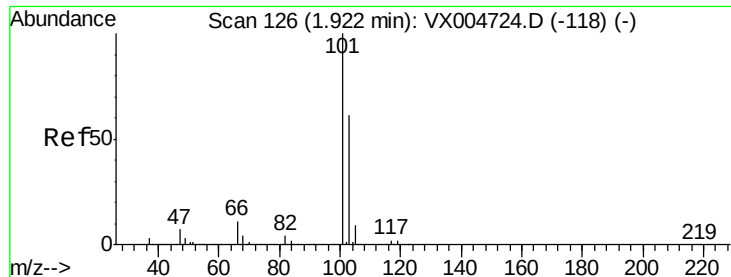
66 26.4 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

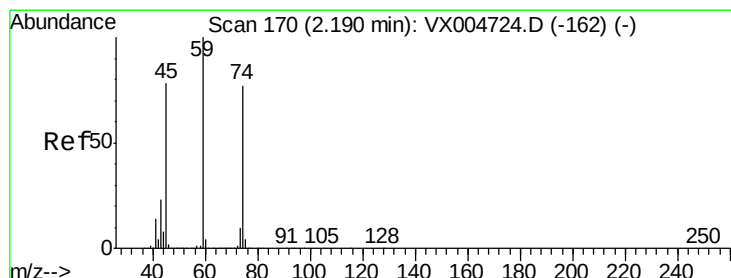
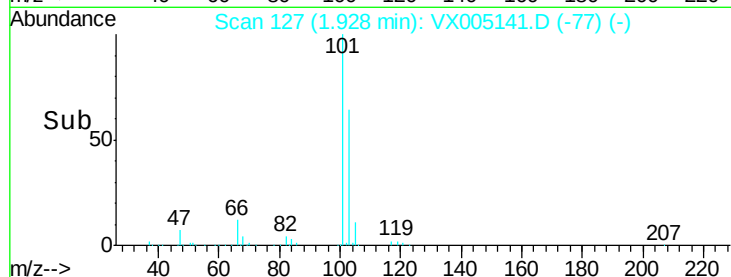
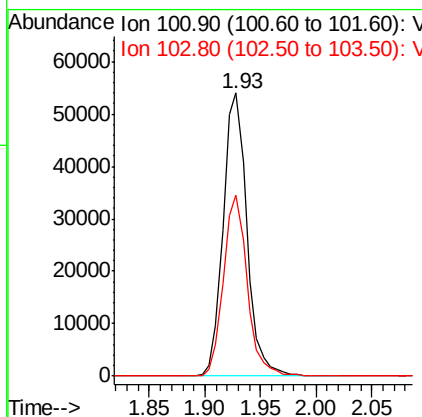
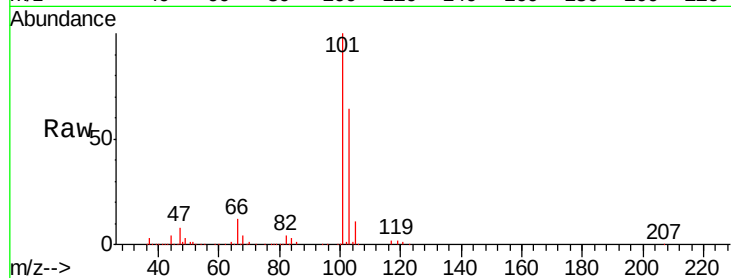
Trichlorofluoromethane
 Concen: 21.51 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

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 VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.7	48.4	72.6

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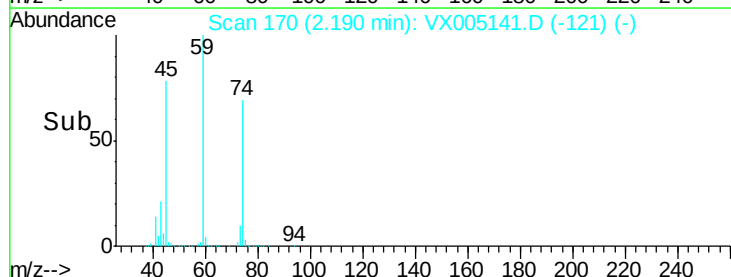
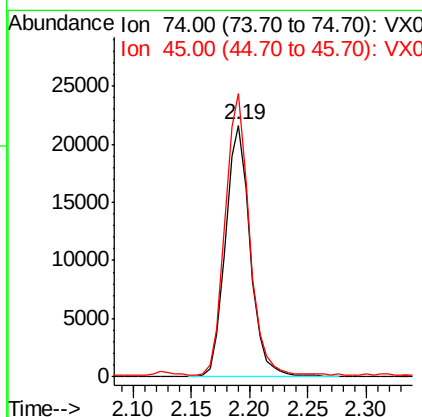
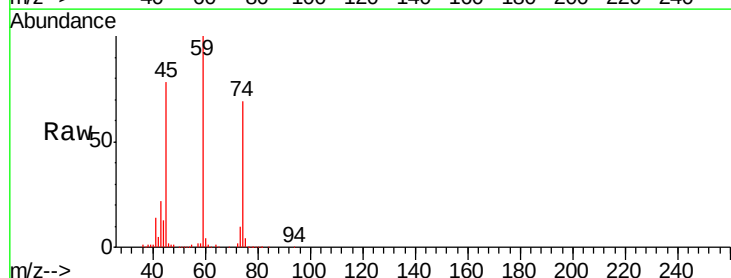
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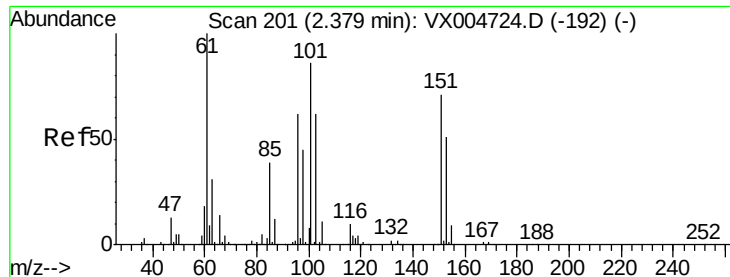


#8

Diethyl Ether
 Concen: 19.71 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.0	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.80 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

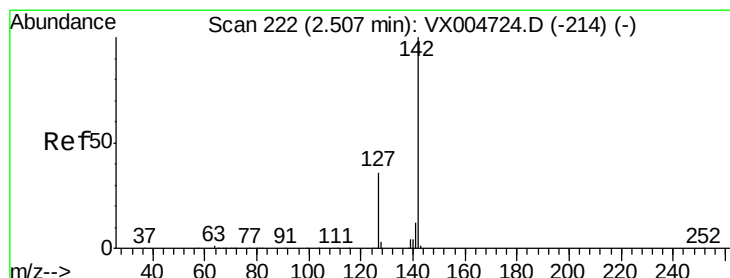
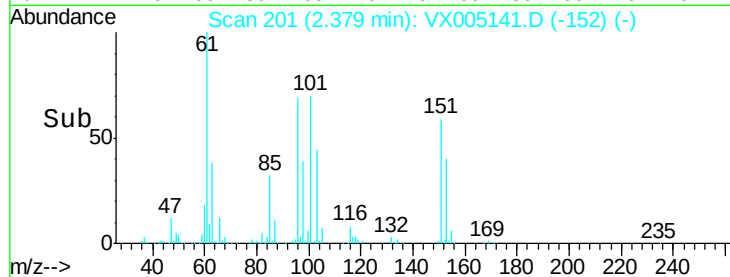
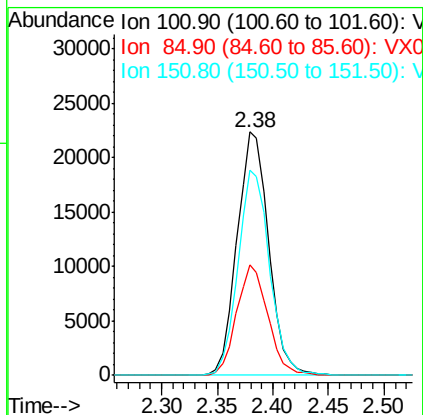
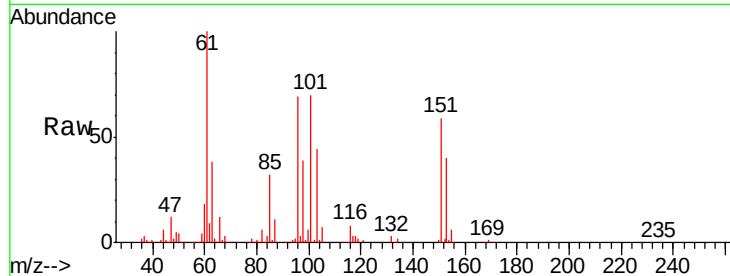
ClientSampleId :

VX1008WBS02

Tgt Ion:	101	Resp:	44034
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.9	53.9
151	84.2	66.6	100.0

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10/9/2018 1:47:53 PM



#10

Methyl Iodide

Concen: 12.81 ug/l

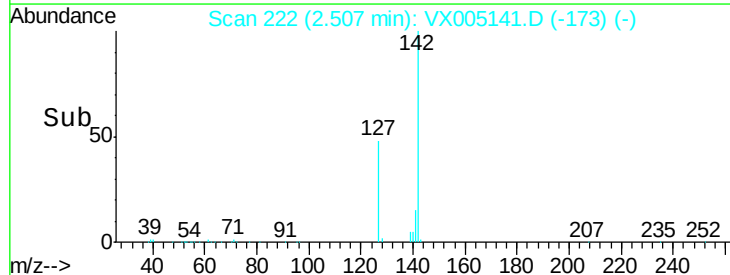
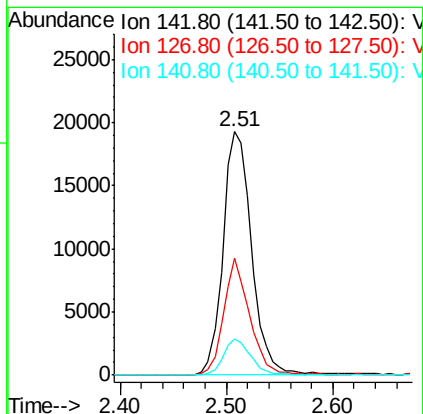
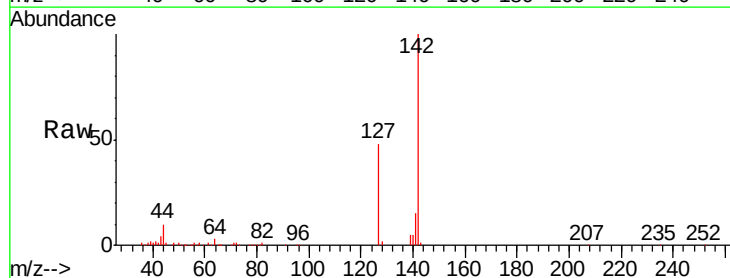
RT: 2.51 min Scan# 222

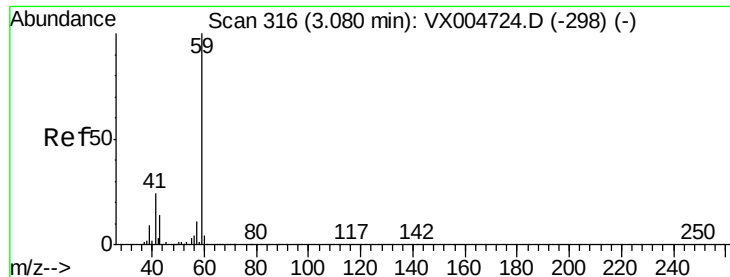
Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	142	Resp:	36270
Ion Ratio	Lower	Upper	
142	100		
127	43.6	30.1	45.1
141	14.2	10.1	15.1





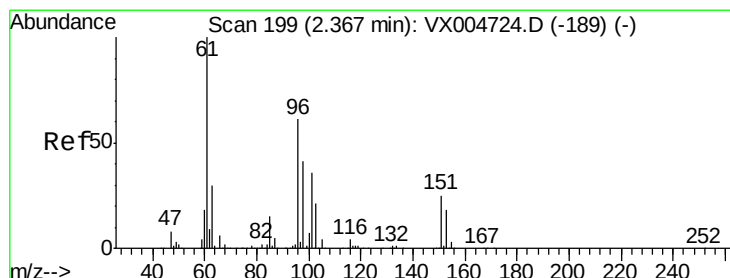
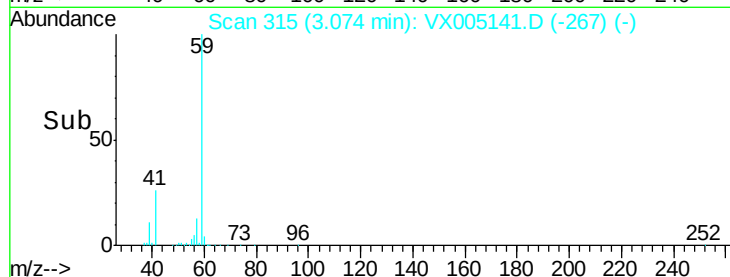
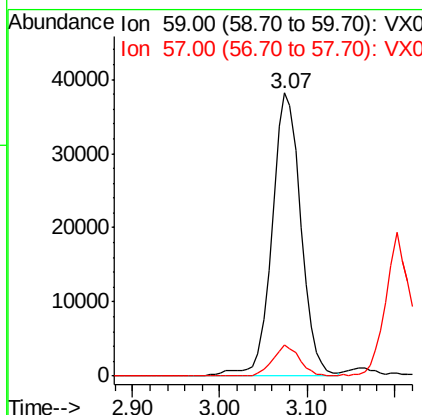
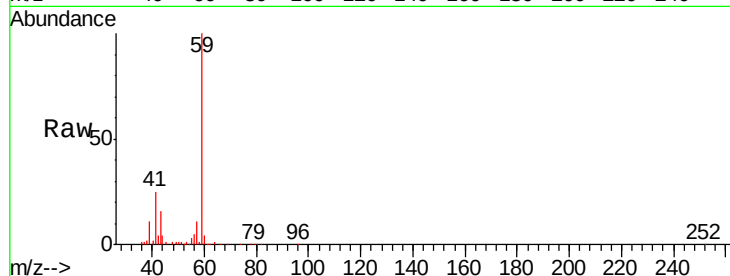
#11
Tert butyl alcohol
Concen: 113.36 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion: 59 Resp: 87590
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8

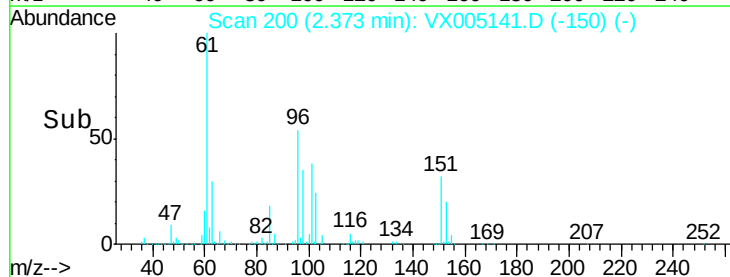
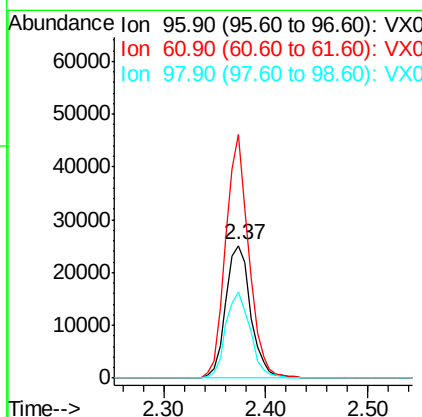
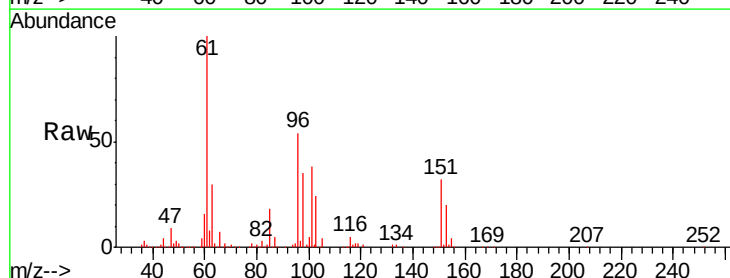
Manual Integrations
APPROVED

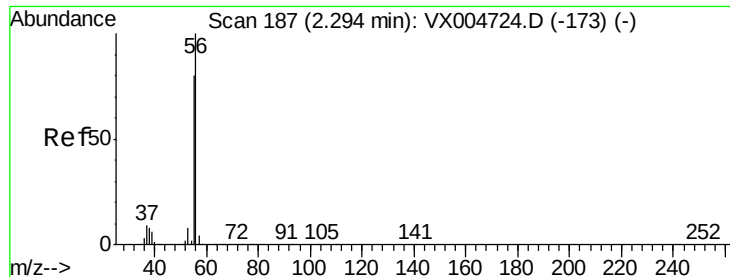
MMDadoda
10/9/2018 1:47:53 PM



#12
1,1-Dichloroethene
Concen: 20.40 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion: 96 Resp: 42757
Ion Ratio Lower Upper
96 100
61 183.6 130.2 195.4
98 64.9 53.4 80.0





#13

Acrolein

Concen: 28.13 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS02

Tgt Ion: 56 Resp: 15466

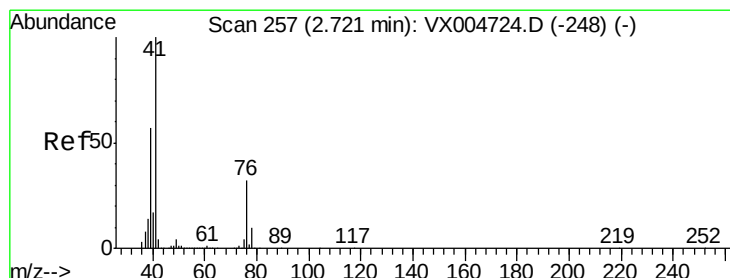
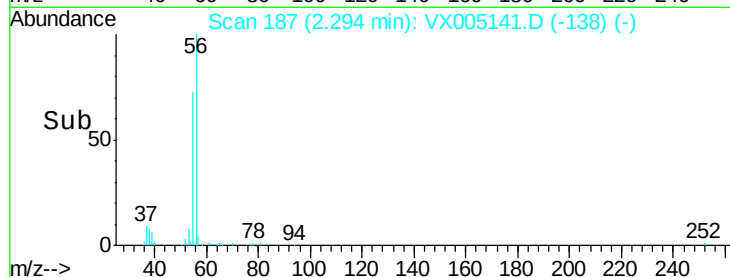
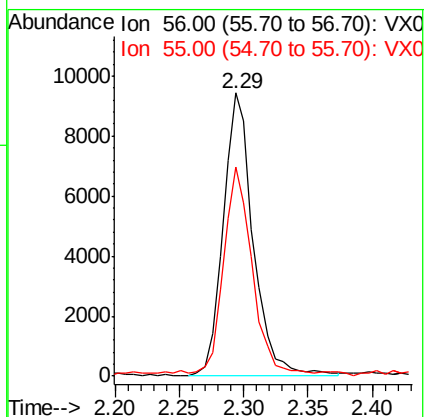
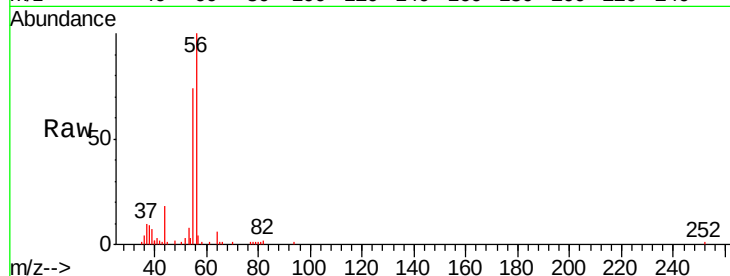
Ion Ratio Lower Upper

56 100

55 69.5 63.4 95.2

Manual Integrations
APPROVED

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#14

Allyl chloride

Concen: 21.09 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

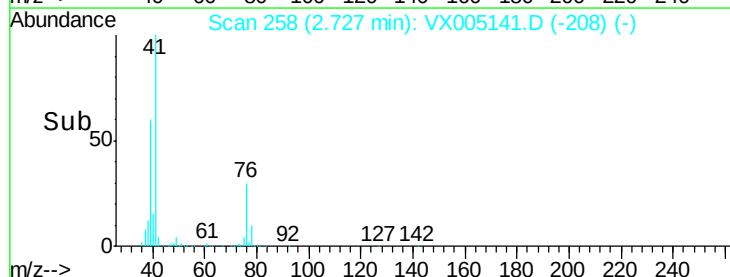
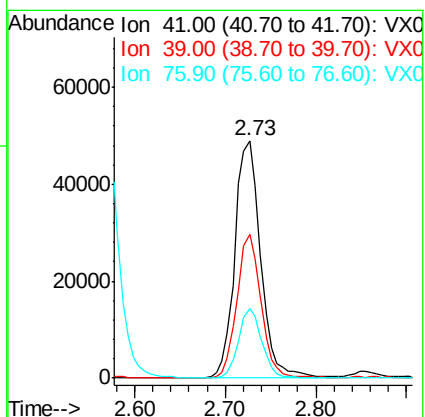
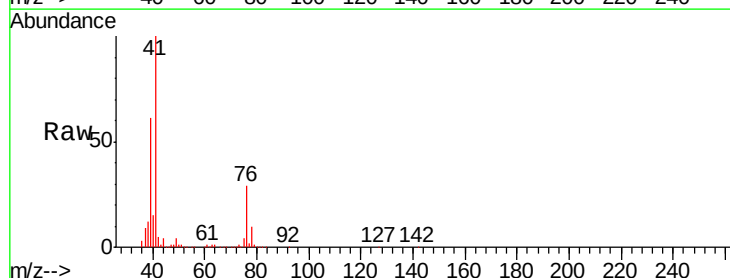
Tgt Ion: 41 Resp: 96449

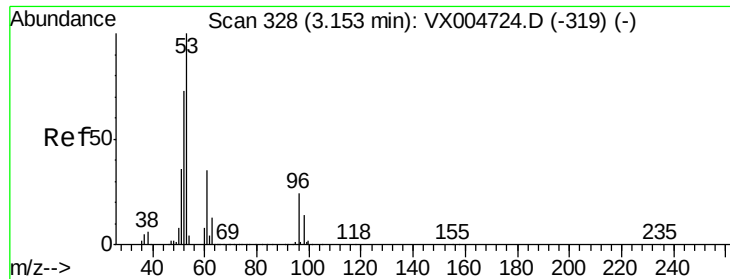
Ion Ratio Lower Upper

41 100

39 56.4 44.1 66.1

76 26.9 25.0 37.4





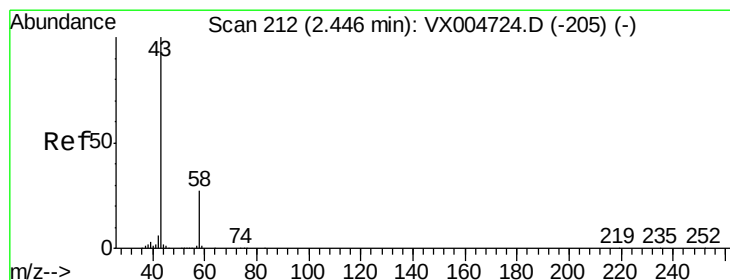
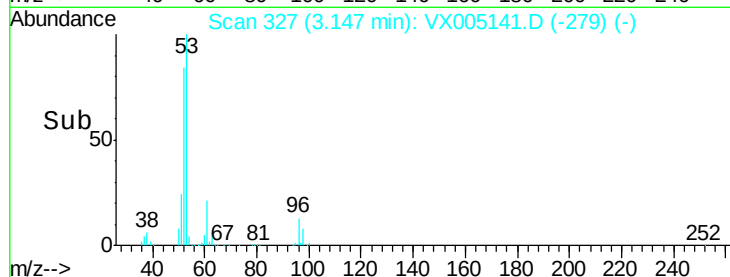
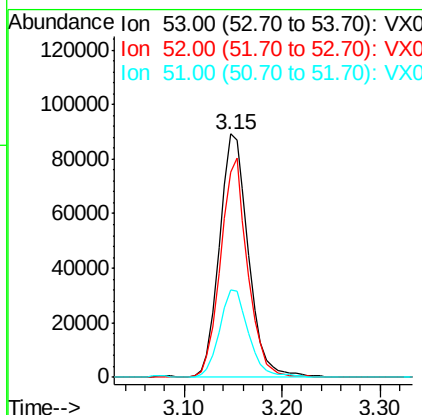
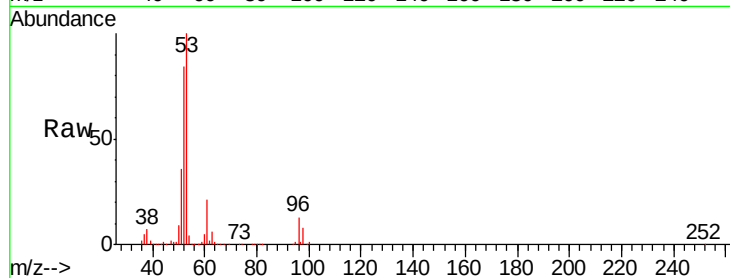
#15
 Acrylonitrile
 Concen: 106.96 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	84.5	63.0	94.4
51	36.3	28.6	42.8

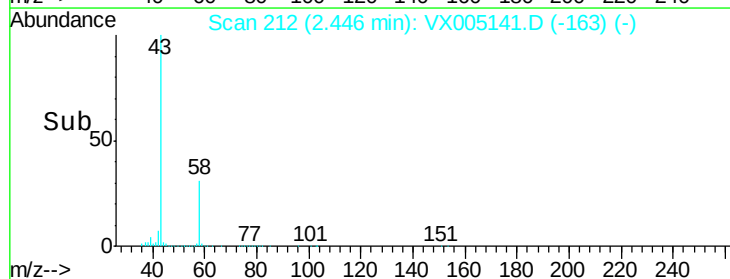
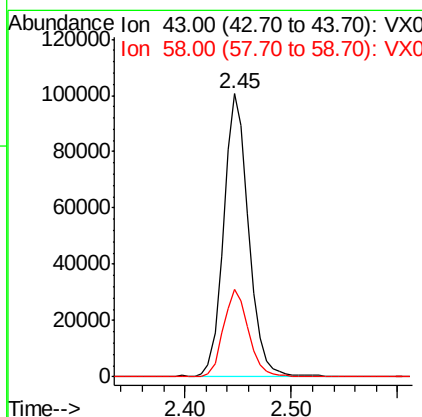
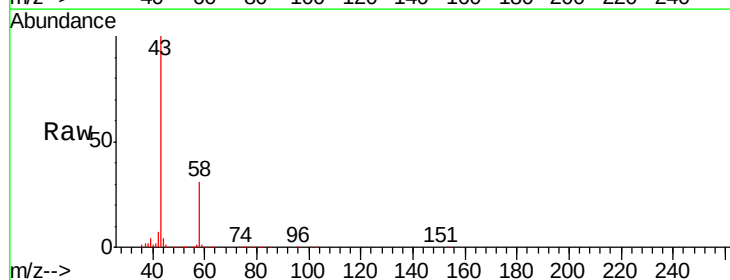
Manual Integrations
 APPROVED

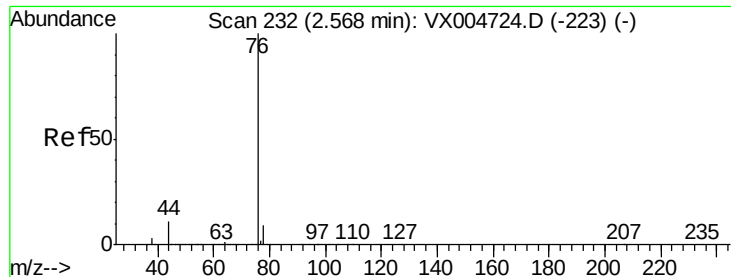
MMDadoda
 10/9/2018 1:47:53 PM



#16
 Acetone
 Concen: 101.45 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.8	32.6





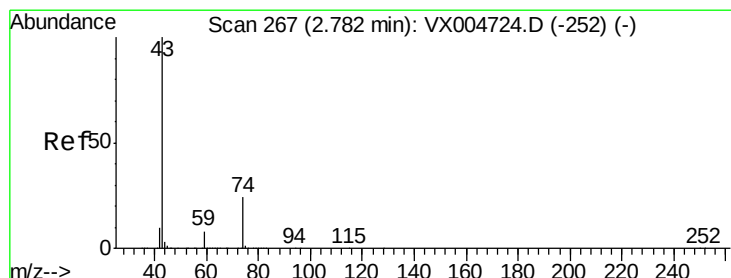
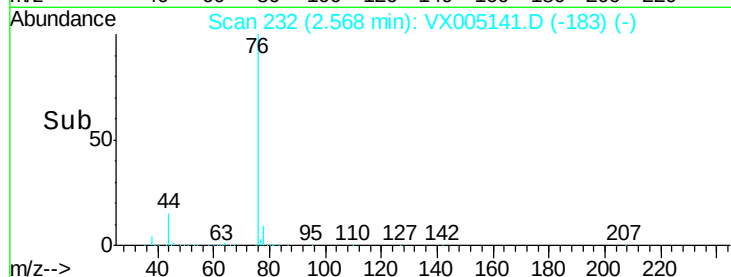
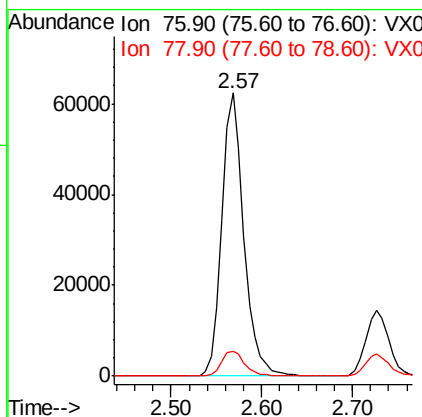
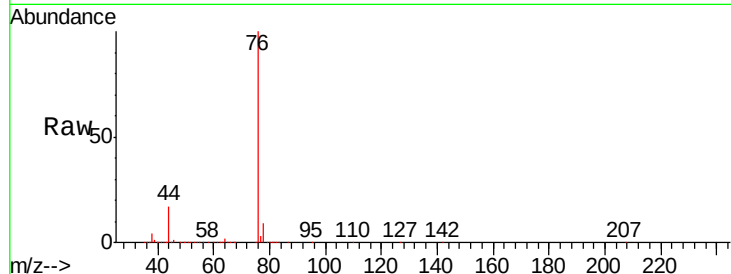
#17
Carbon Disulfide
Concen: 16.78 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

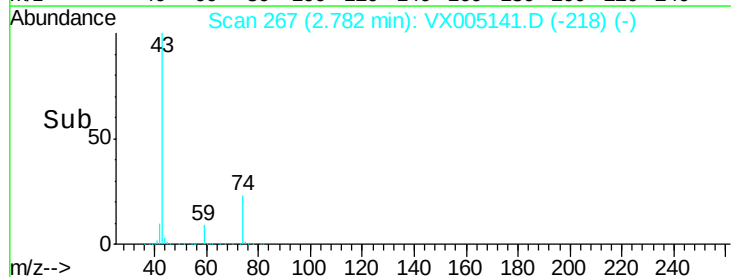
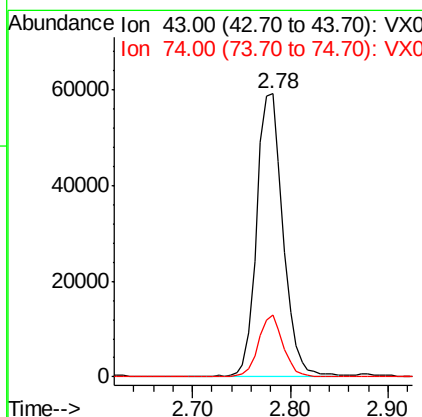
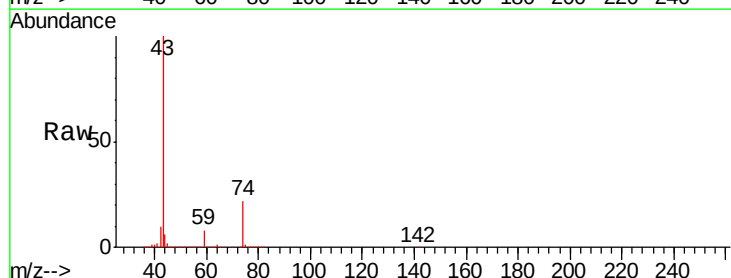
Manual Integrations
APPROVED

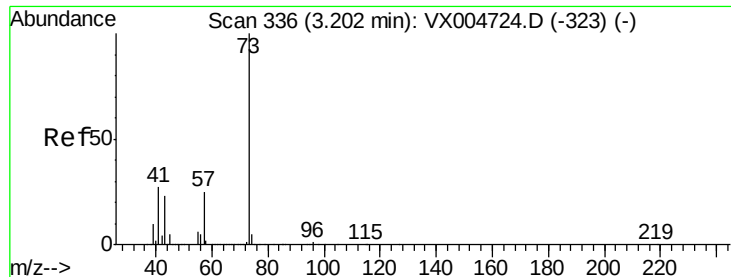
MMDadoda
10/9/2018 1:47:53 PM



#18
Methyl Acetate
Concen: 26.89 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	17.8	26.8





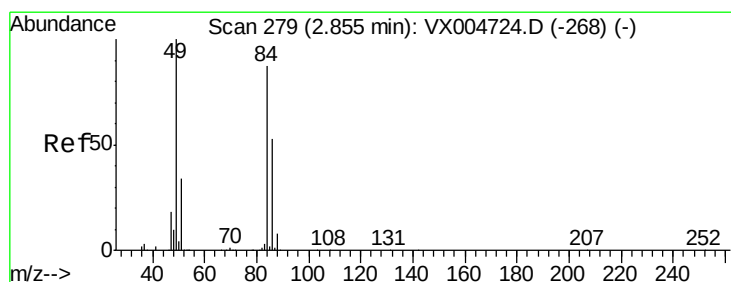
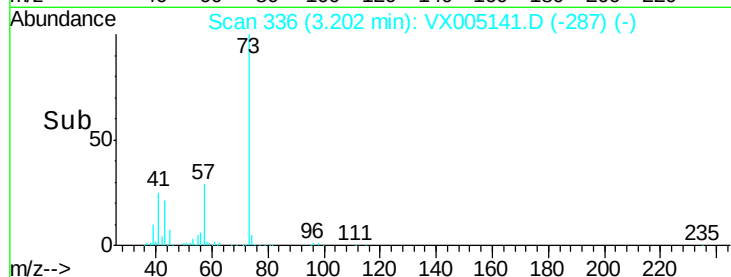
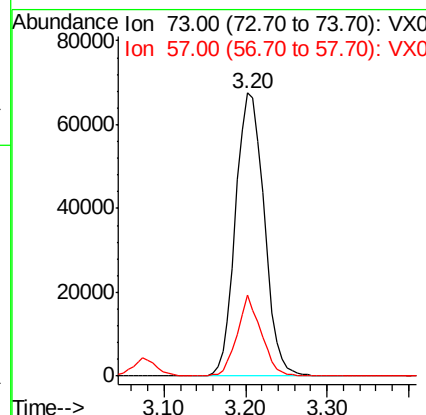
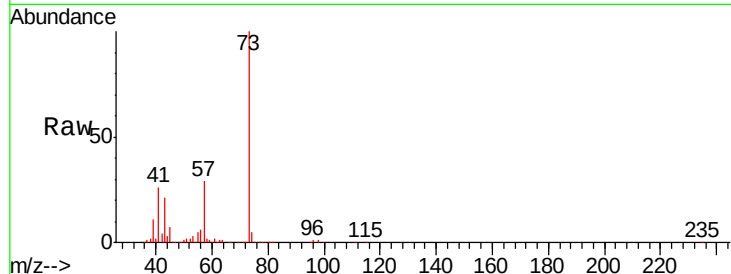
#19
Methyl tert-butyl Ether
Concen: 22.58 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
73	100		
57	28.6	19.9	29.9

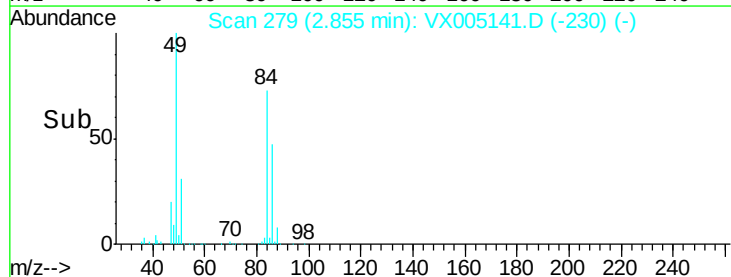
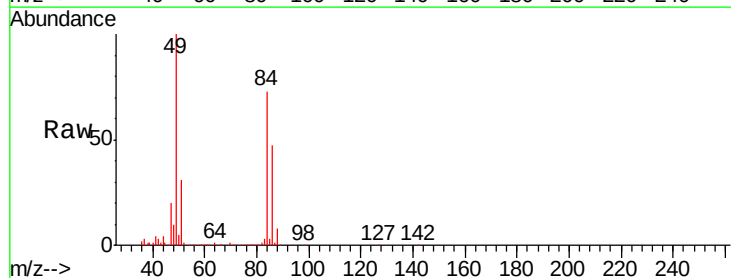
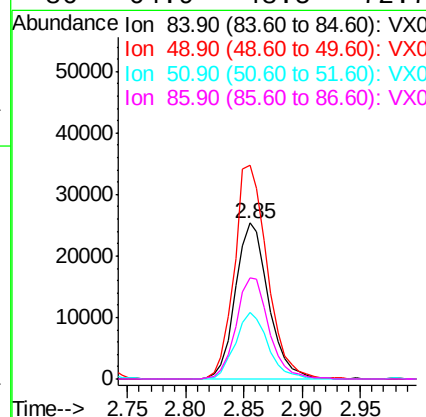
Manual Integrations
APPROVED

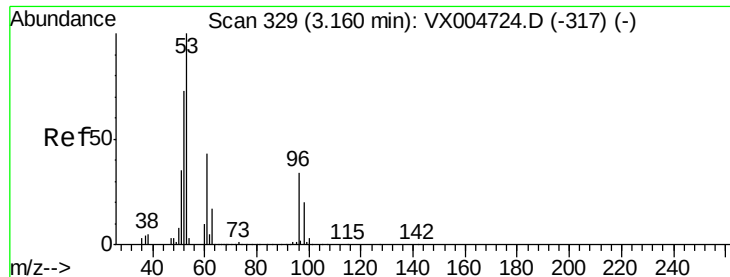
MMDadoda
10/9/2018 1:47:53 PM



#20
Methylene Chloride
Concen: 20.94 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.7	92.3	138.5
51	42.6	31.8	47.6
86	64.9	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 19.34 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

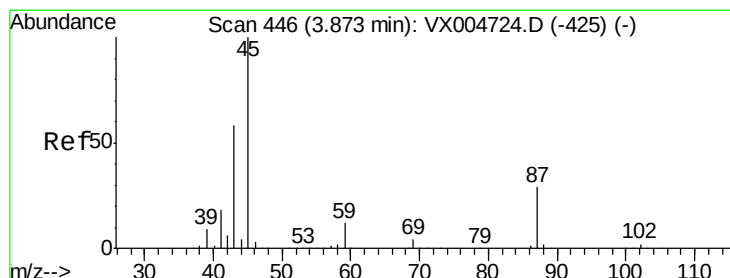
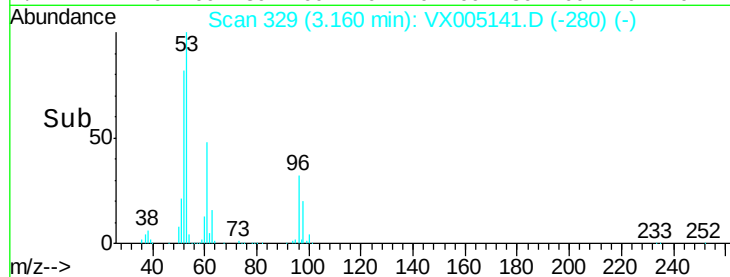
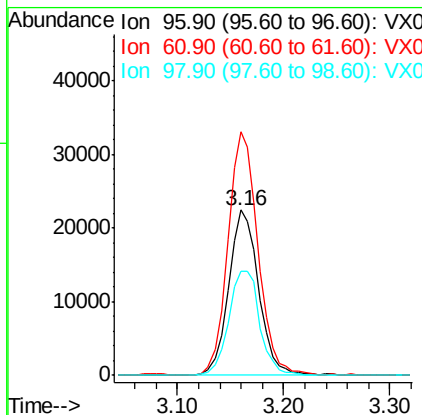
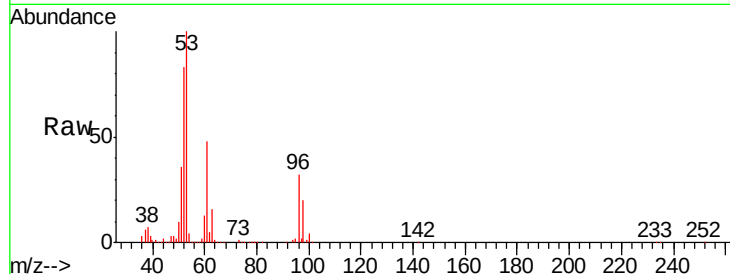
ClientSampleId :

VX1008WBS02

Tgt Ion:	96	Resp:	44384
Ion	Ratio	Lower	Upper
96	100		
61	146.9	101.0	151.6
98	63.1	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.17 ug/l

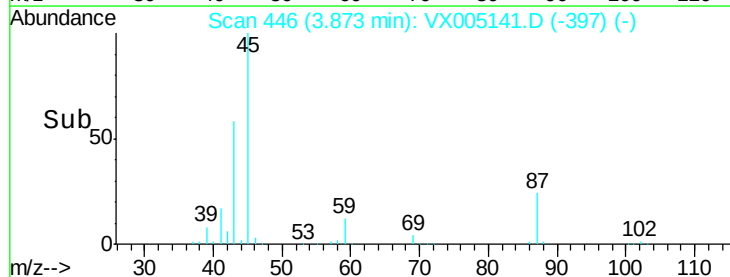
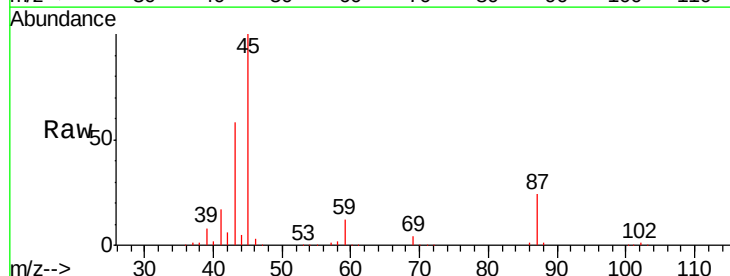
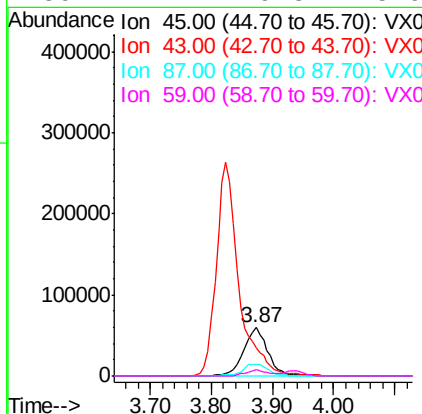
RT: 3.87 min Scan# 446

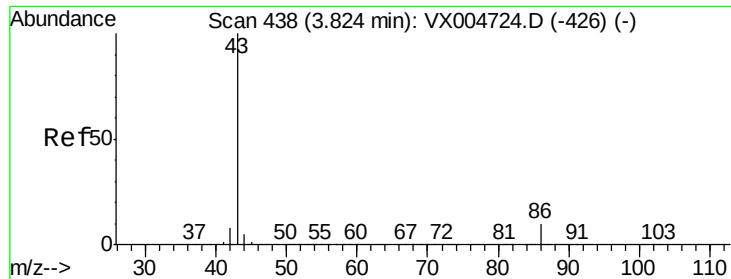
Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	45	Resp:	163017
Ion	Ratio	Lower	Upper
45	100		
43	57.9	46.7	70.1
87	24.4	22.9	34.3
59	12.1	9.3	13.9





#23

Vinyl Acetate

Concen: 97.07 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion: 43 Resp: 684303

Ion Ratio Lower Upper

43 100

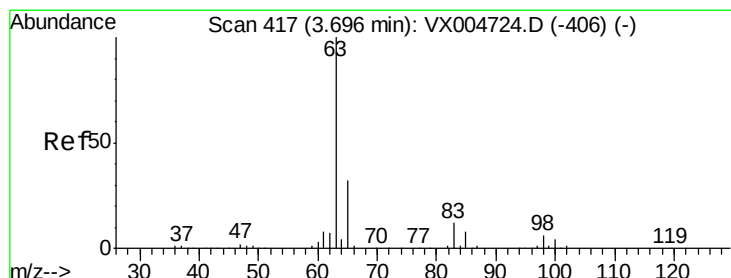
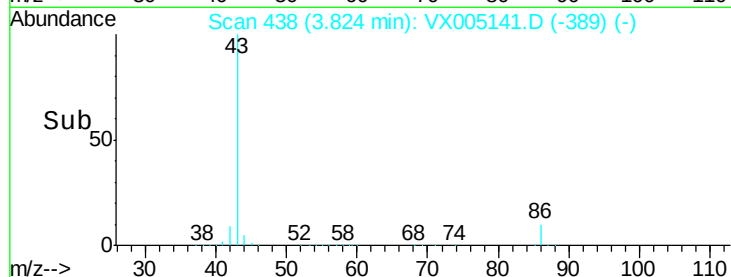
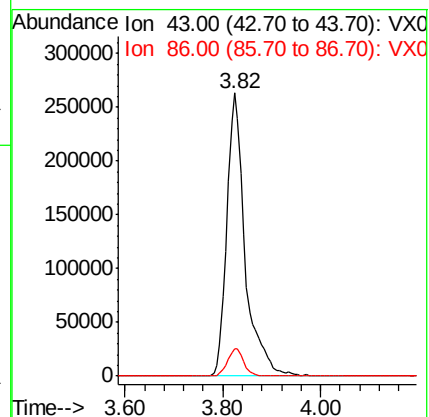
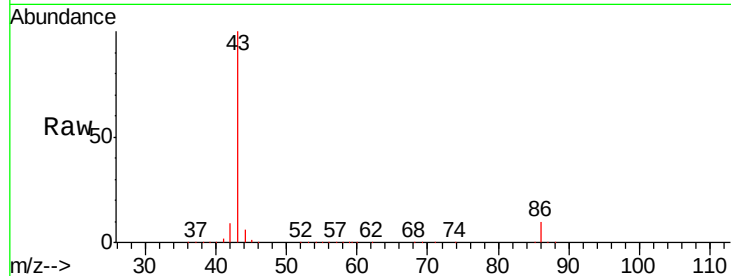
86 9.8 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.37 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

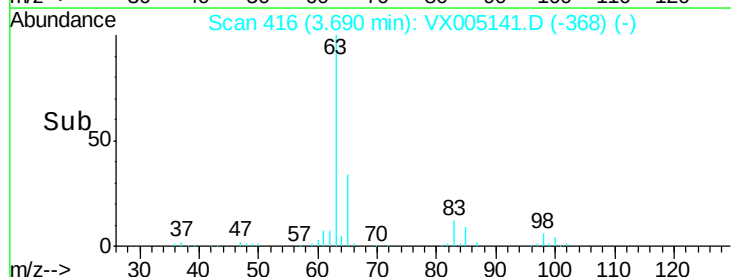
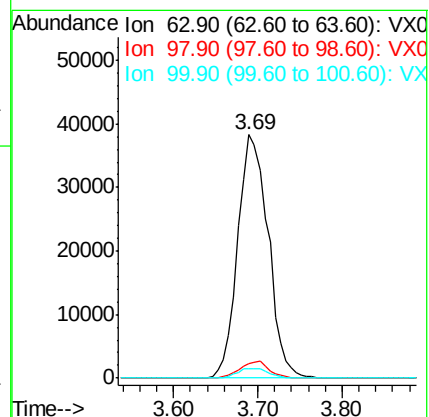
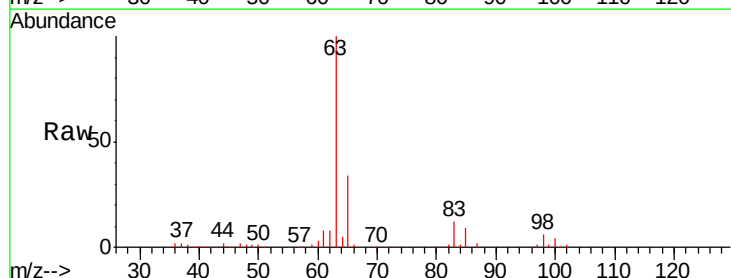
Tgt Ion: 63 Resp: 93579

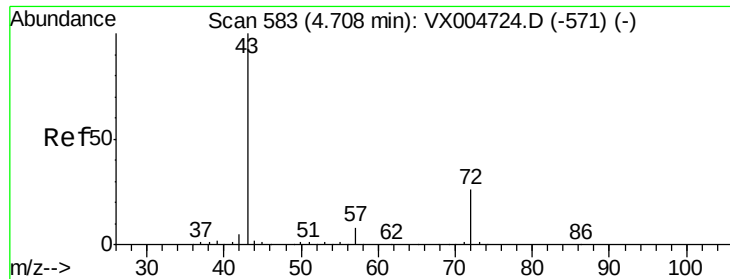
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 105.88 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS02

Tgt Ion: 43 Resp: 251806

Ion Ratio Lower Upper

43 100

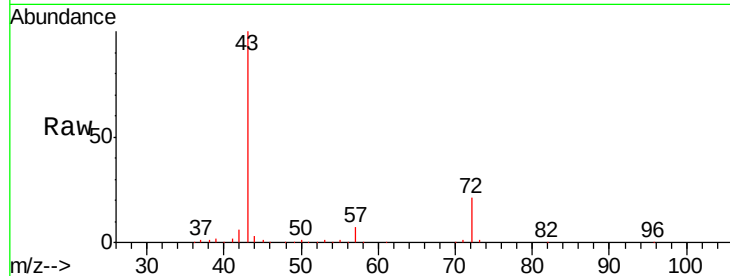
72 21.1 20.8 31.2

Manual Integrations

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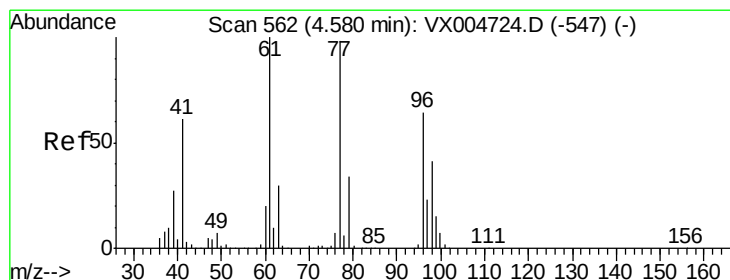
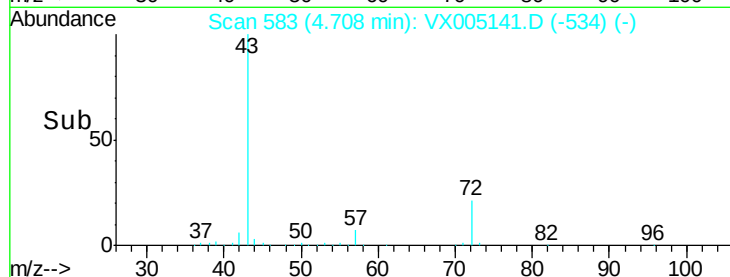
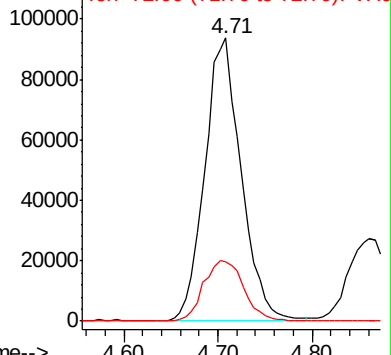
MMDadoda

10/9/2018 1:47:53 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.61 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005141.D

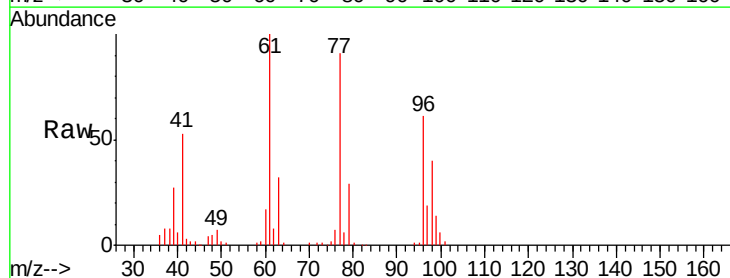
Acq: 08 Oct 2018 22:16

Tgt Ion: 77 Resp: 53127

Ion Ratio Lower Upper

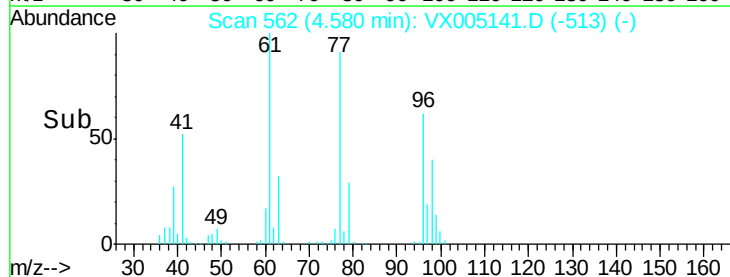
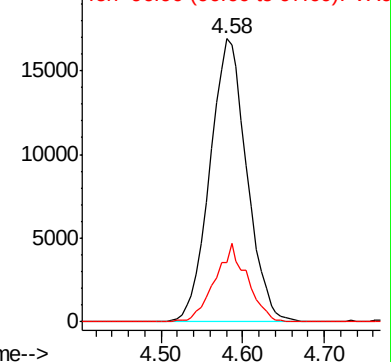
77 100

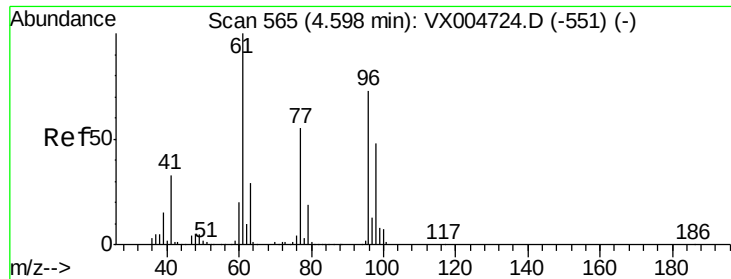
97 24.4 12.6 37.8



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: 20.21 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

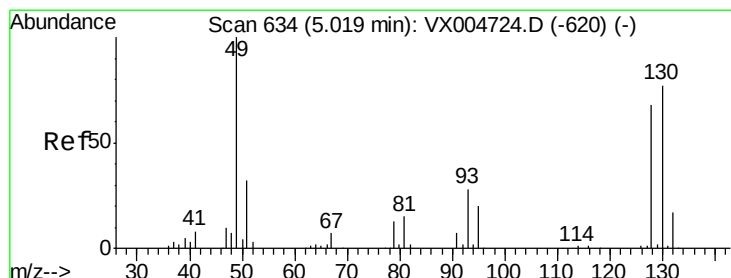
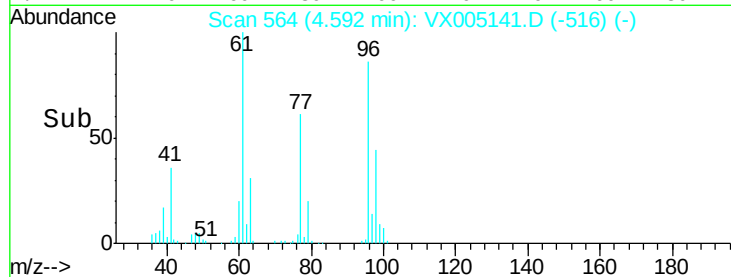
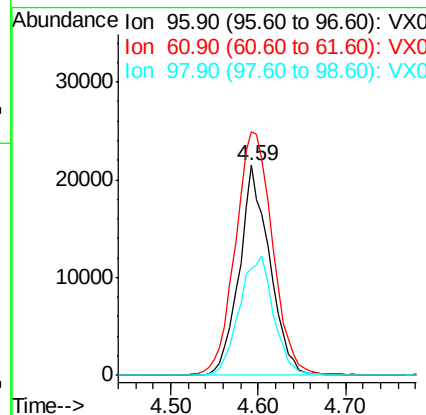
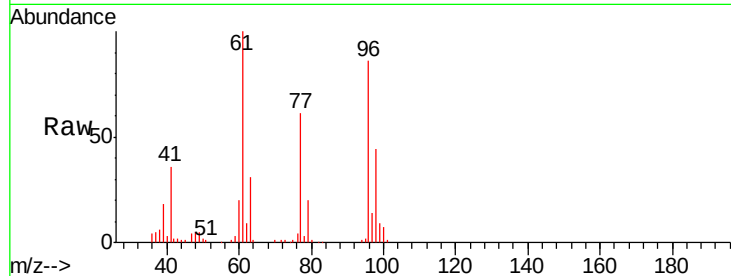
ClientSampleId :

VX1008WBS02

Tgt Ion:	96	Resp:	51795
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	285.8
98	64.0	0.0	136.2

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#28

Bromochloromethane

Concen: 21.10 ug/l

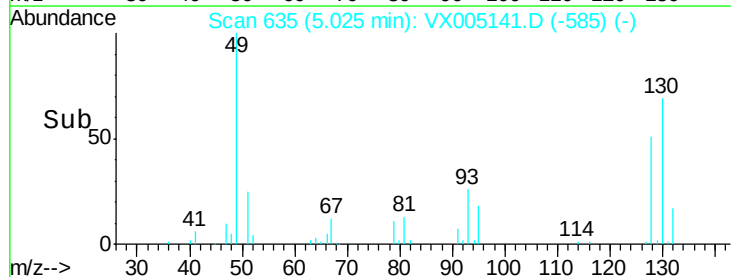
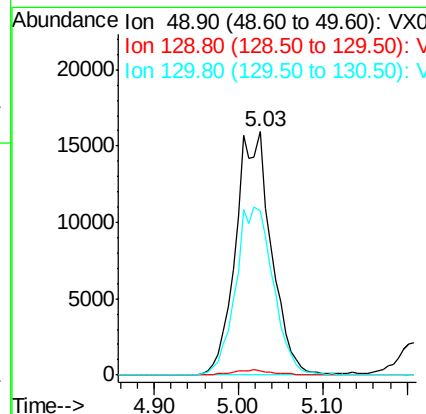
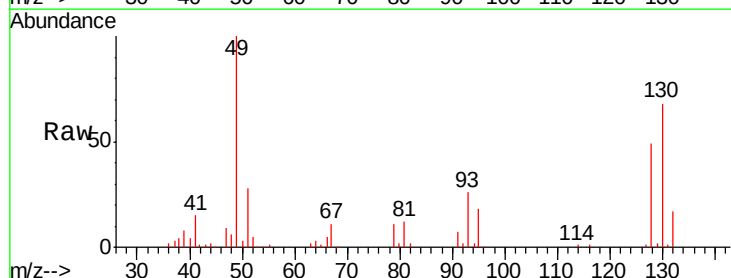
RT: 5.03 min Scan# 635

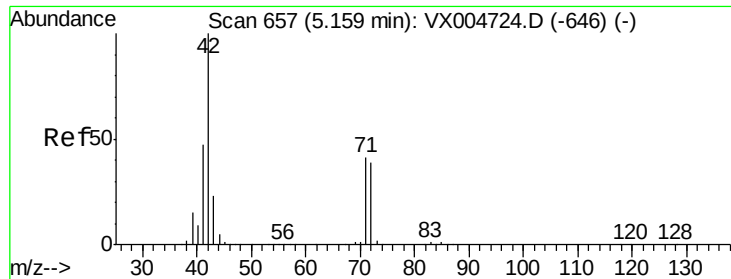
Delta R.T. 0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	49	Resp:	45656
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	72.7	62.0	93.0





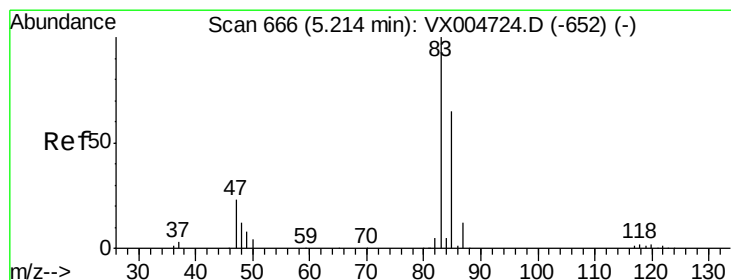
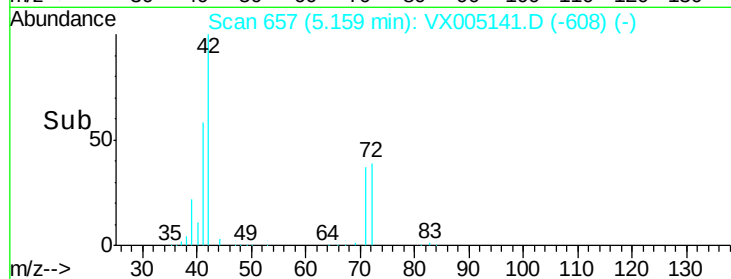
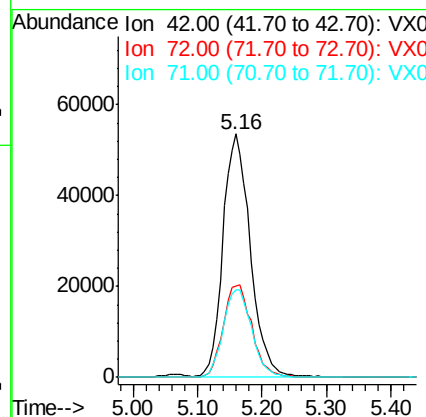
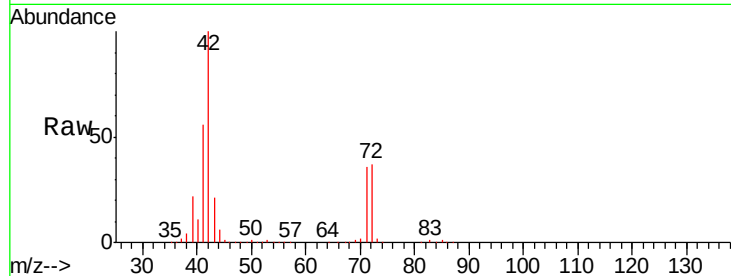
#29
Tetrahydrofuran
Concen: 107.50 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	40.1	33.7	50.5
71	38.2	32.2	48.4

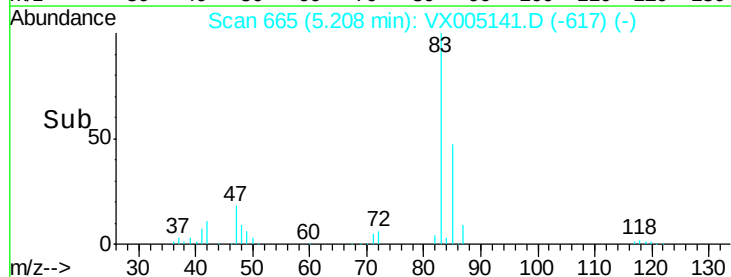
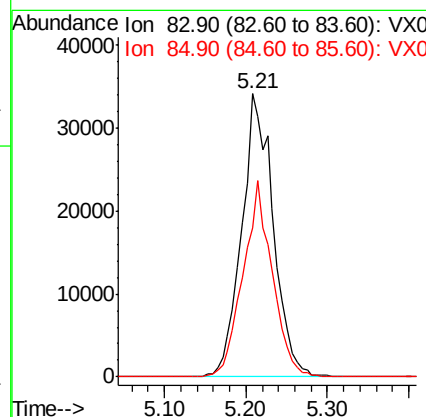
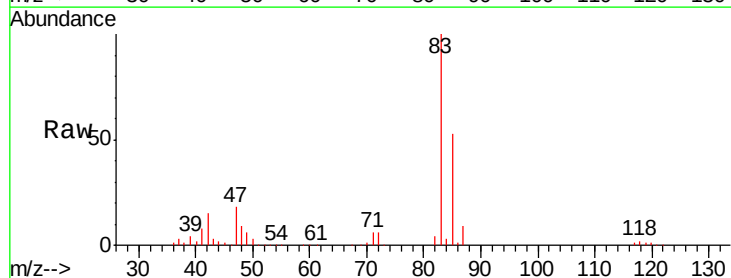
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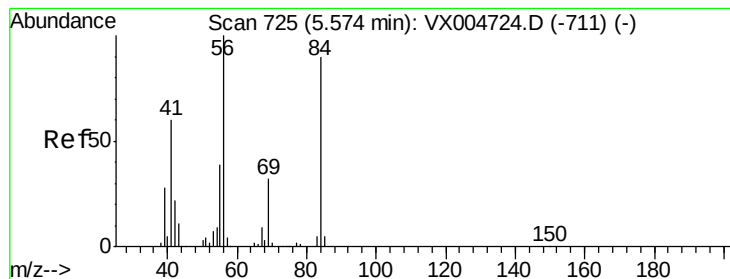
MMDadoda
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#30
Chloroform
Concen: 21.10 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.6	52.4	78.6





#31

Cyclohexane

Concen: 19.62 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

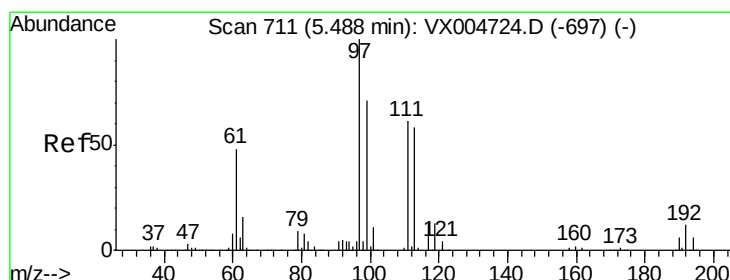
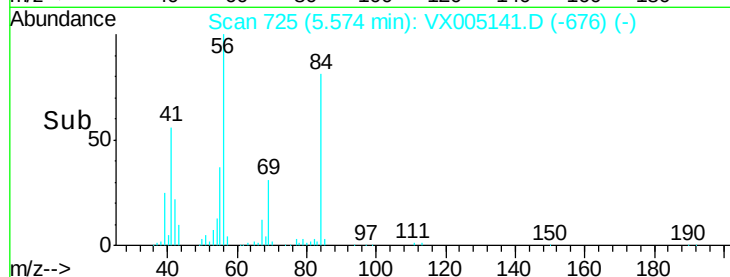
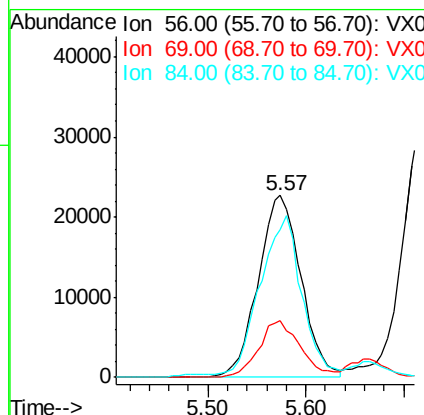
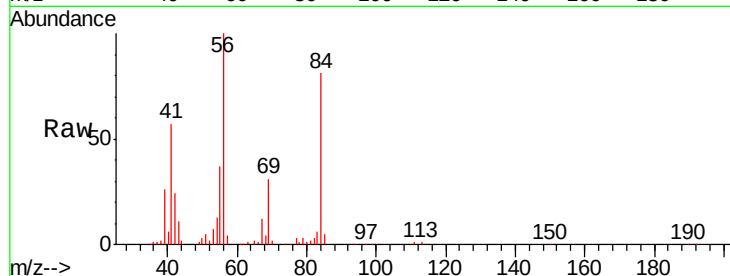
ClientSampleId :

VX1008WBS02

Tgt Ion:	56	Resp:	68977
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.9	38.9
84	79.6	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 21.14 ug/l

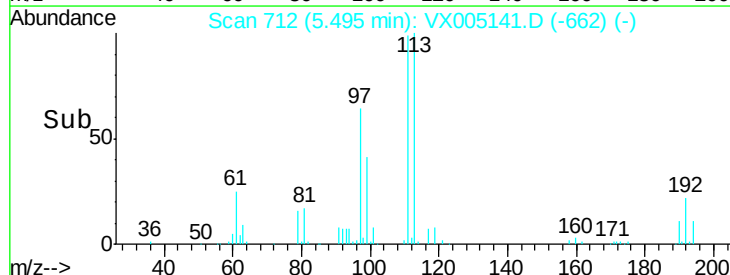
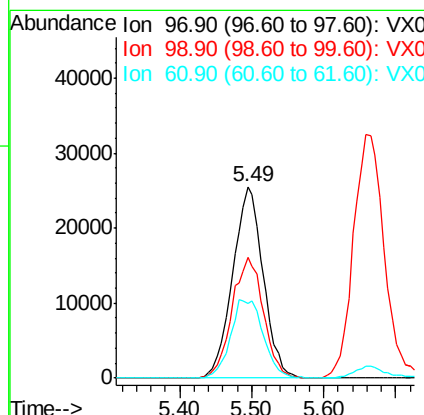
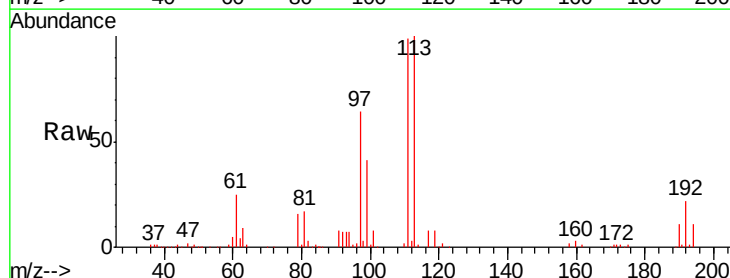
RT: 5.49 min Scan# 712

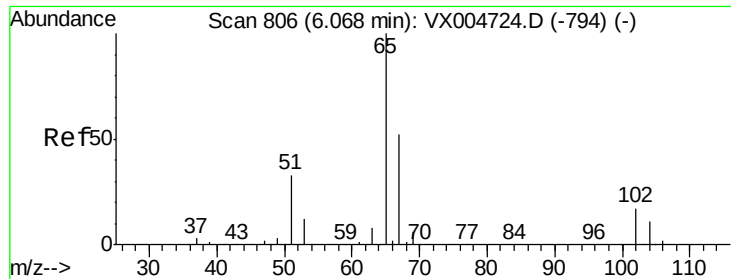
Delta R.T. 0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	97	Resp:	74974
Ion	Ratio	Lower	Upper
97	100		
99	64.9	54.6	82.0
61	44.2	37.5	56.3





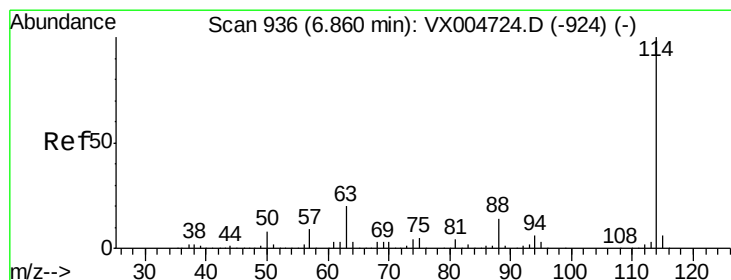
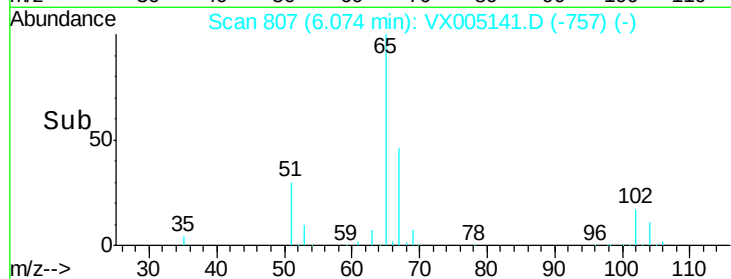
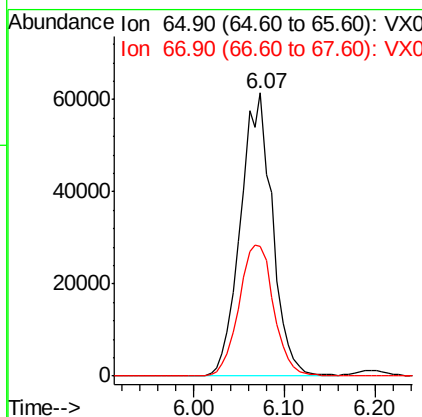
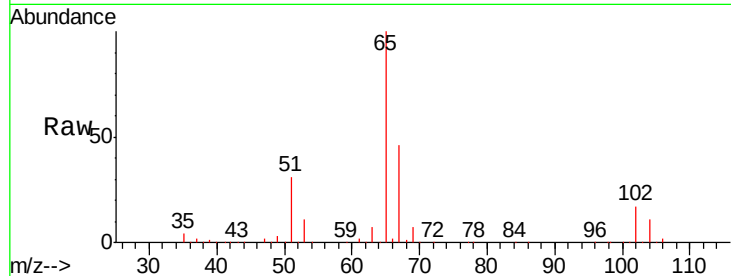
#33
 1,2-Dichloroethane-d4
 Concen: 54.22 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion: 65 Resp: 149829
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 107.4

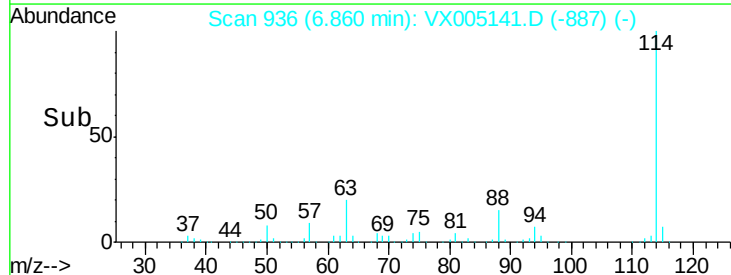
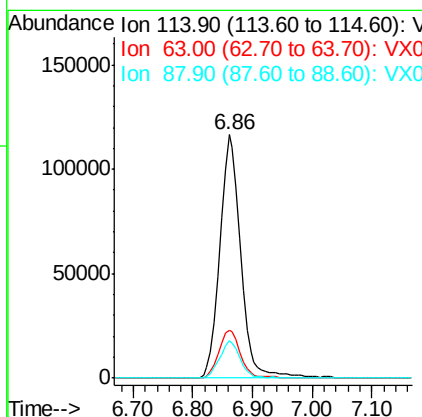
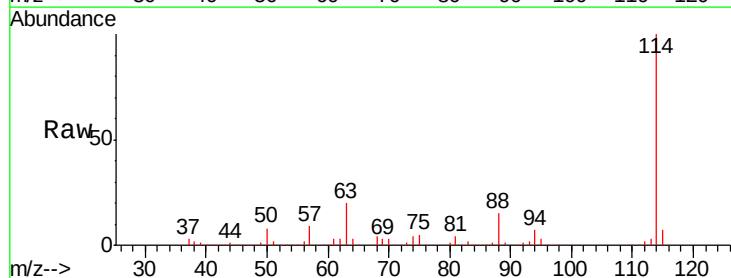
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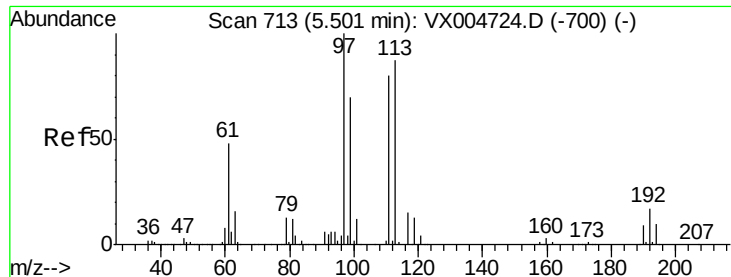
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion: 114 Resp: 285205
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.4 0.0 27.0





#35

Dibromofluoromethane

Concen: 47.68 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

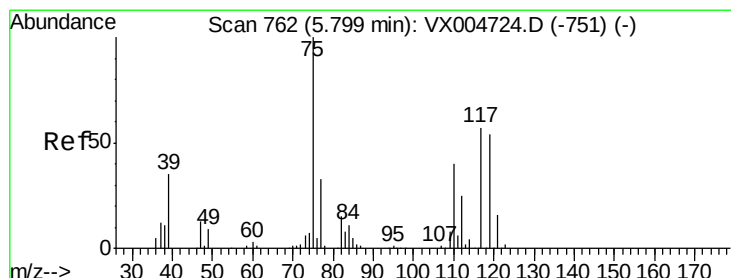
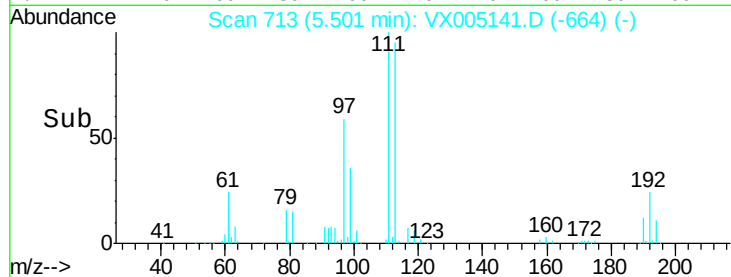
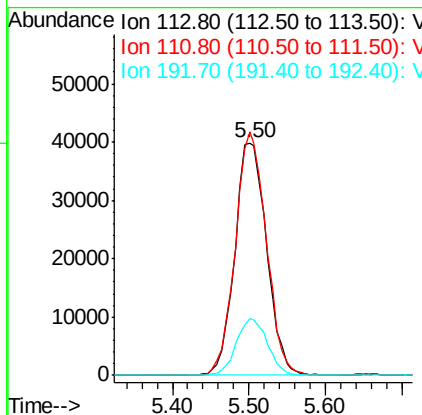
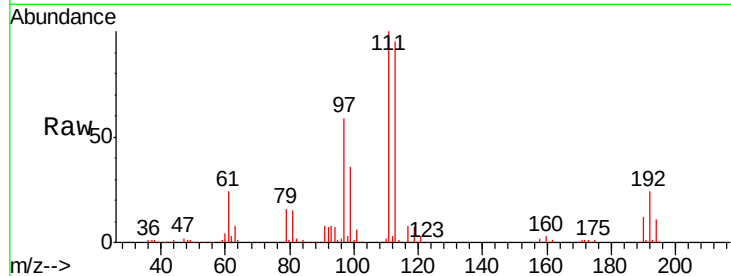
ClientSampleId :

VX1008WBS02

Tgt Ion:	113	Resp:	115240
Ion Ratio	Lower	Upper	
113	100		
111	101.9	77.0	115.4
192	24.0	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 18.87 ug/l

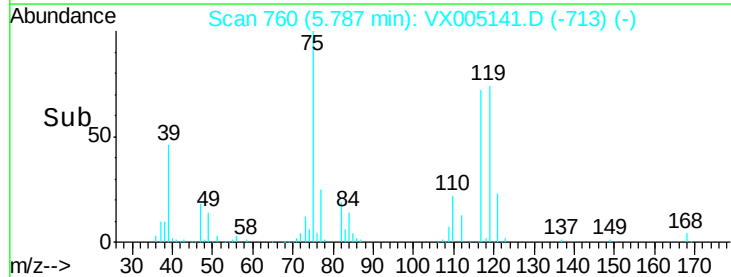
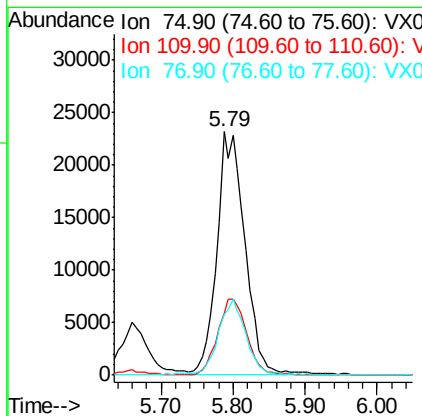
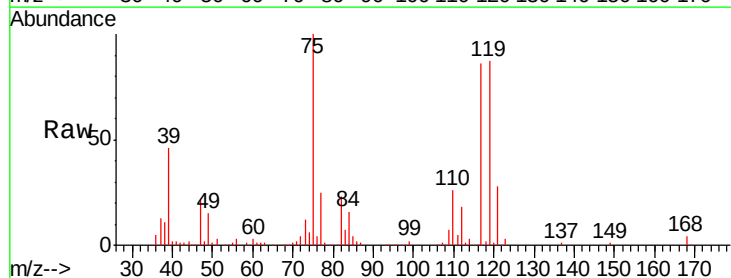
RT: 5.79 min Scan# 760

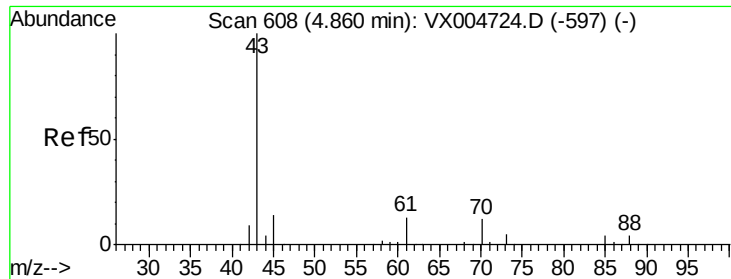
Delta R.T. -0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	75	Resp:	62228
Ion Ratio	Lower	Upper	
75	100		
110	33.0	20.0	59.9
77	29.6	27.1	40.7





#37

Ethyl Acetate

Concen: 19.60 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

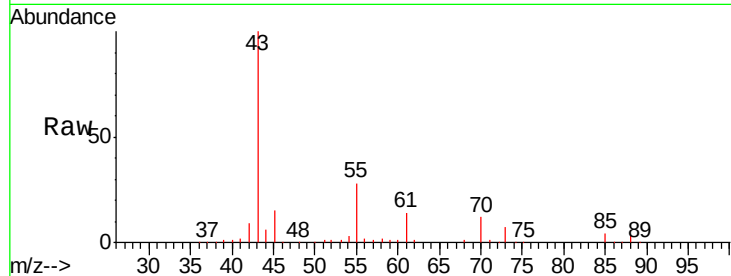
ClientSampleId :

VX1008WBS02

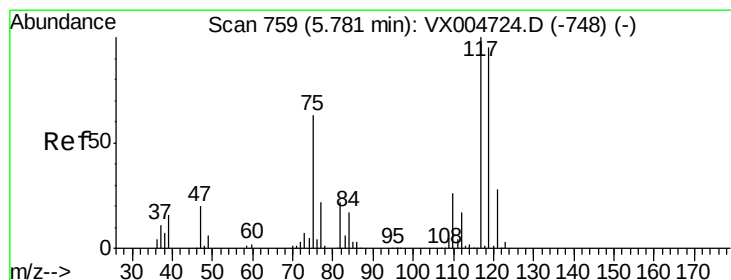
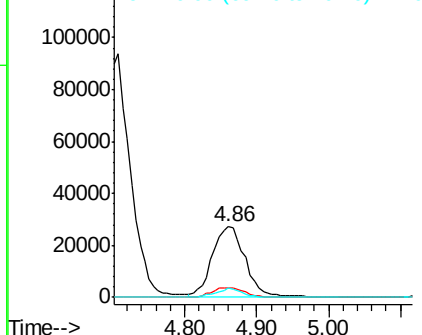
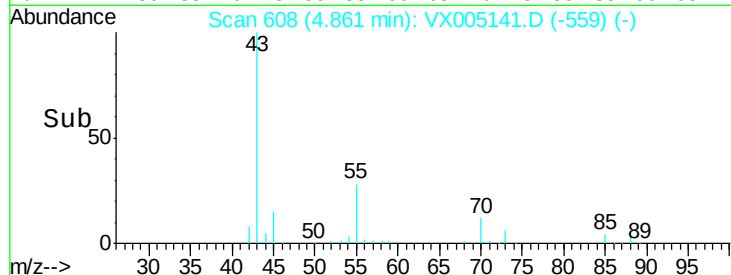
Tgt Ion:	43	Resp:	85785
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.4	8.7	13.1

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Abundance Ion 43.00 (42.70 to 43.70): VX005141.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 18.34 ug/l

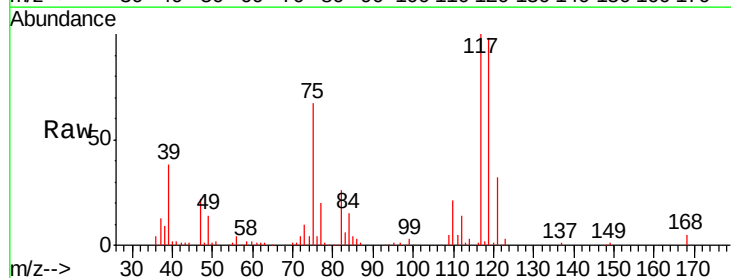
RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

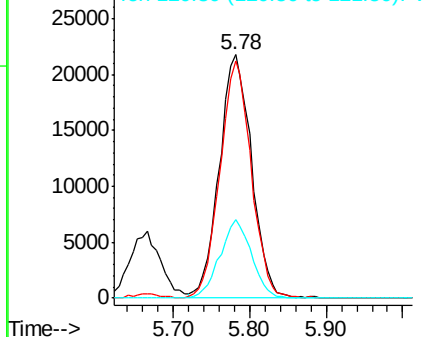
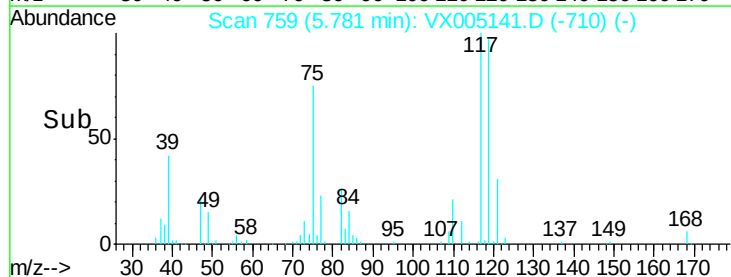
Lab File: VX005141.D

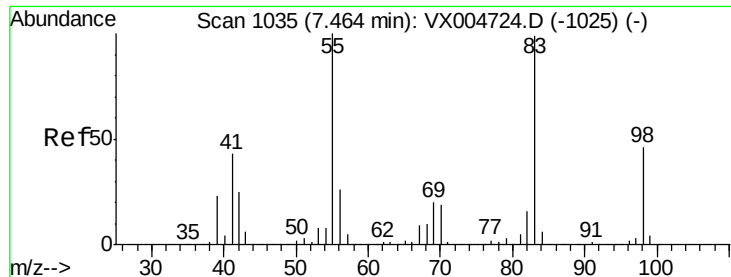
Acq: 08 Oct 2018 22:16

Tgt Ion:	117	Resp:	63571
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.2	112.8
121	32.2	22.5	33.7



Abundance Ion 116.80 (116.50 to 117.50): VX005141.D (-710) (-)





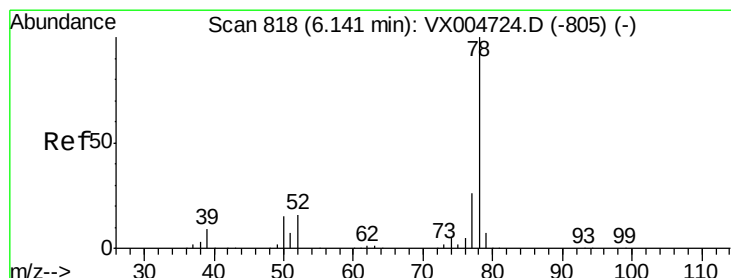
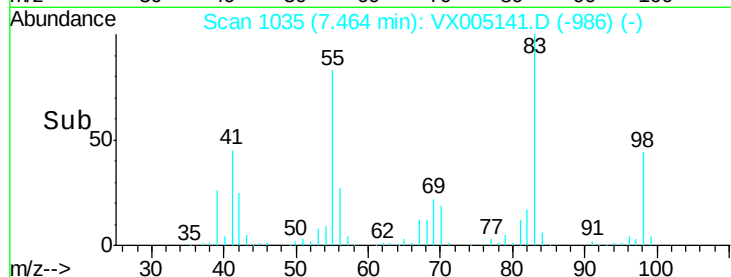
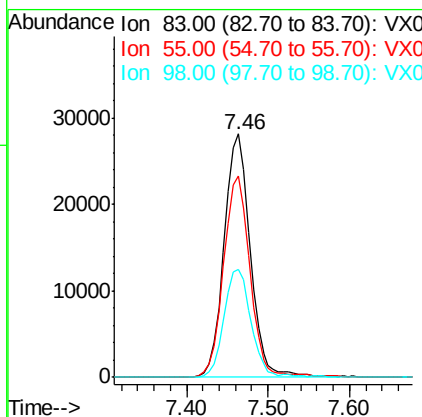
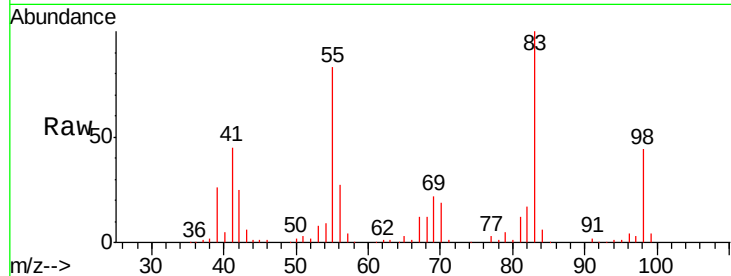
#39
Methylcyclohexane
Concen: 18.57 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.7	81.1	121.7
98	44.1	37.3	55.9

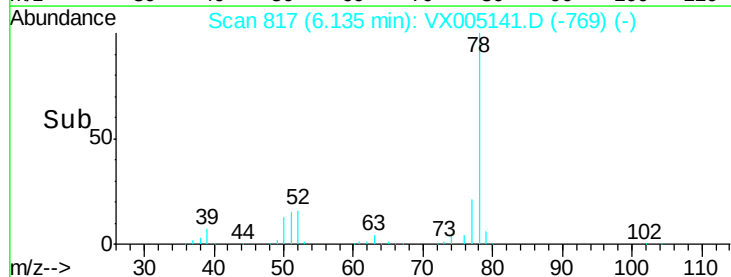
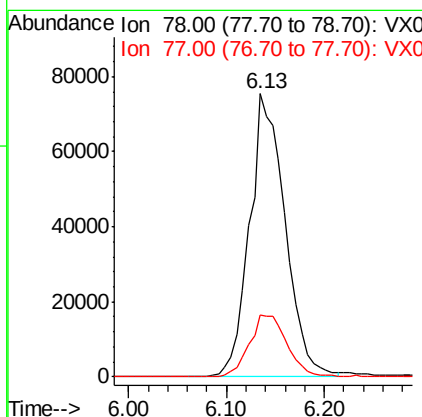
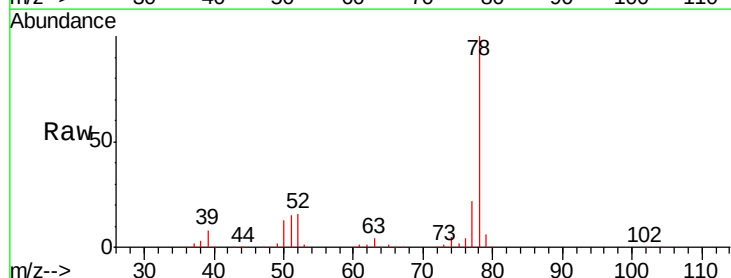
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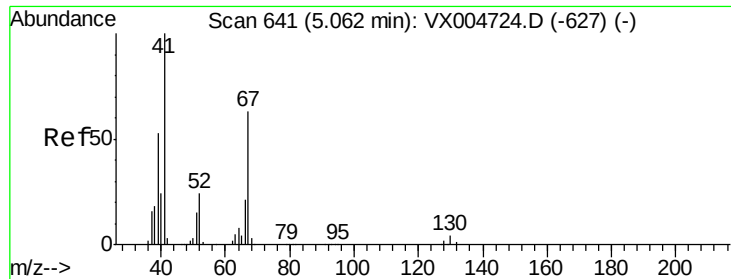
MMDadoda
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#40
Benzene
Concen: 18.50 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	21.0	31.4





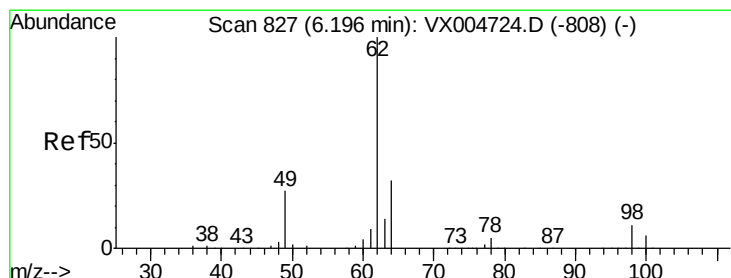
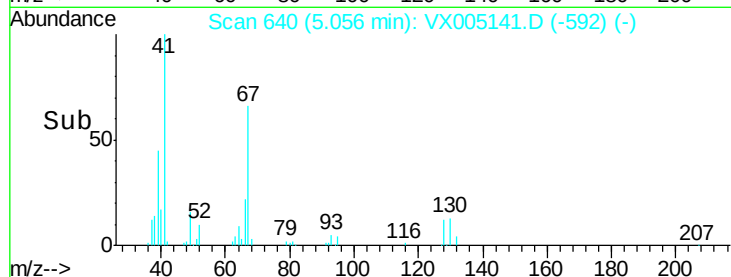
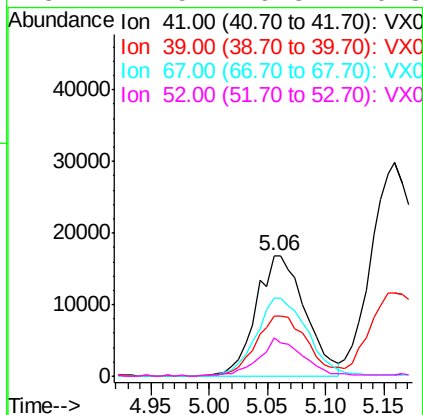
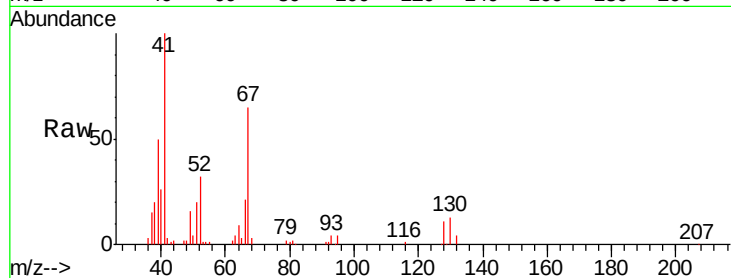
#41
Methacrylonitrile
Concen: 20.41 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.5	63.7	
67	68.0	53.0	79.6	
52	27.5	19.8	29.8	

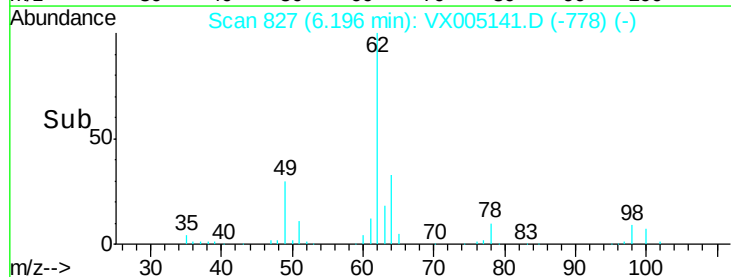
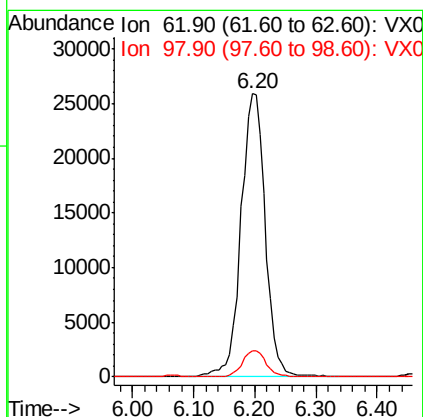
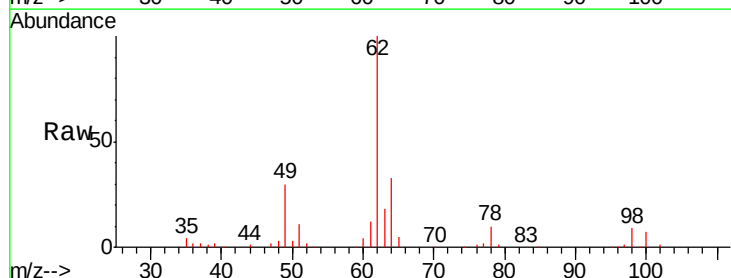
Manual Integrations
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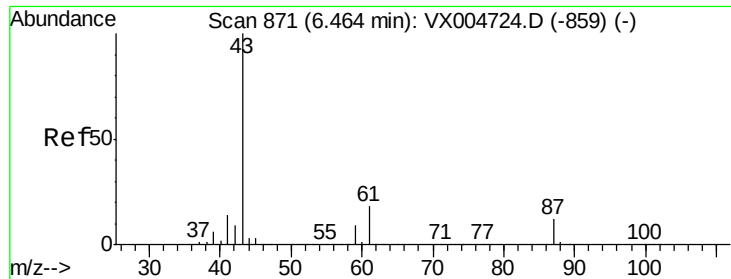
MMDadoda
10/9/2018 1:47:53 PM



#42
1,2-Dichloroethane
Concen: 19.47 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	20.2	





#43

Isopropyl Acetate

Concen: 19.24 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

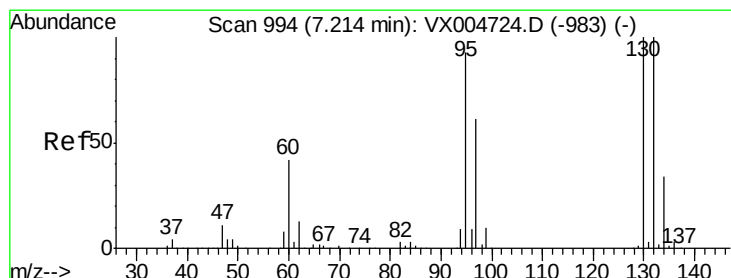
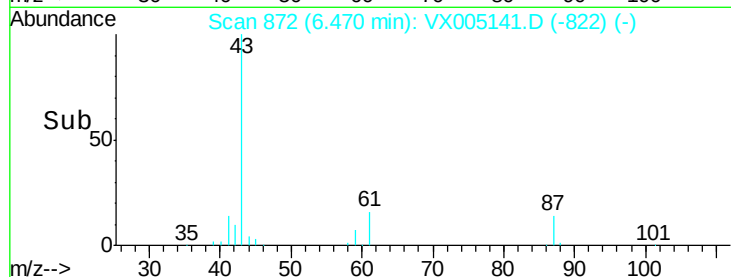
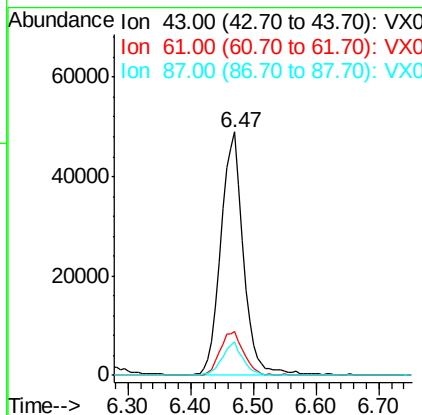
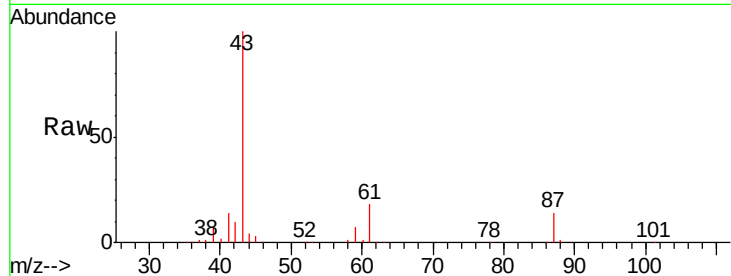
ClientSampleId :

VX1008WBS02

Tgt Ion:	43	Resp:	121577
Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.2	21.4
87	12.7	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 19.51 ug/l

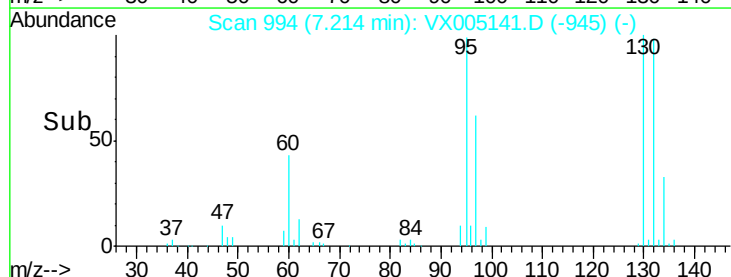
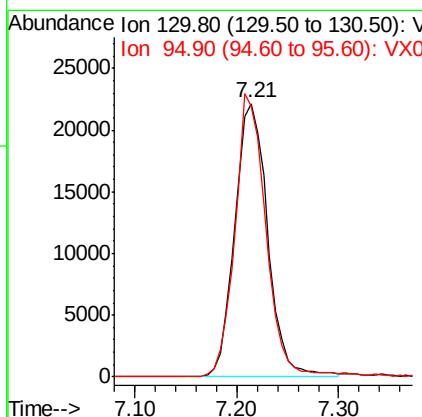
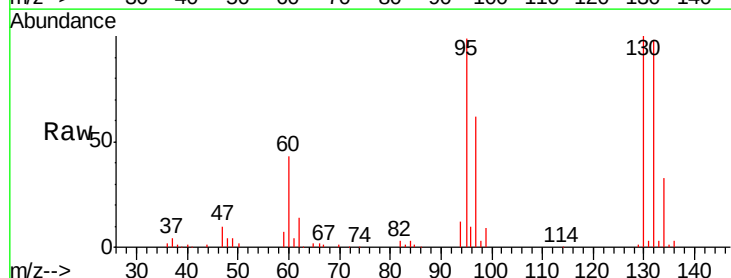
RT: 7.21 min Scan# 994

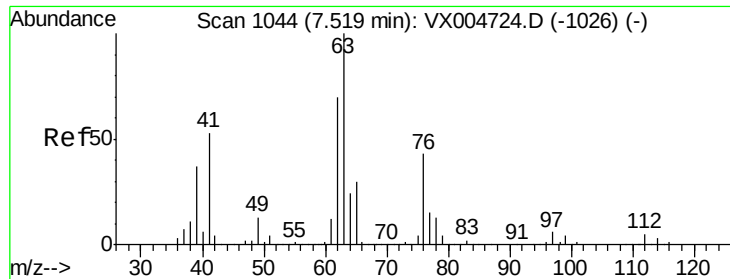
Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	130	Resp:	49519
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	186.8





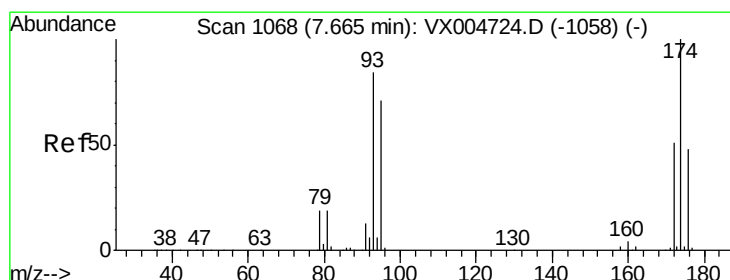
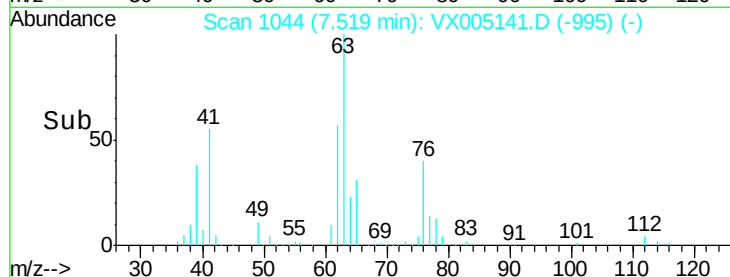
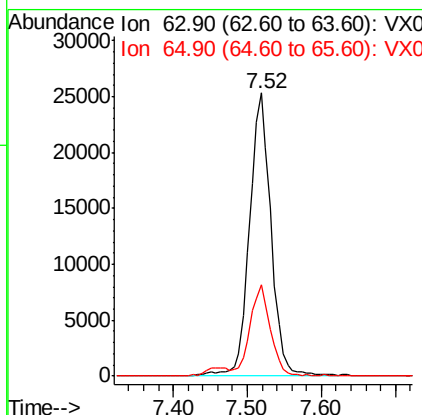
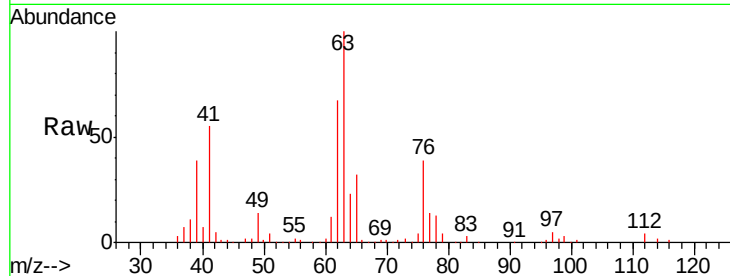
#45
 1,2-Dichloropropane
 Concen: 20.32 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion: 63 Resp: 51439
 Ion Ratio Lower Upper
 63 100
 65 32.5 23.9 35.9

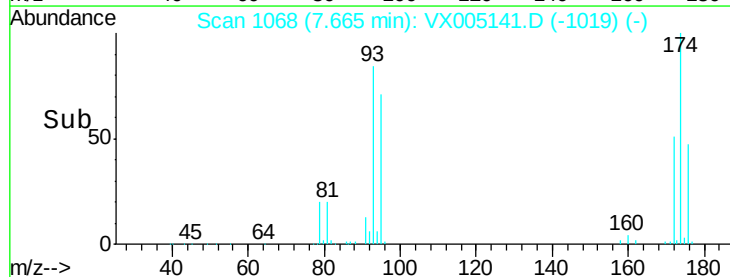
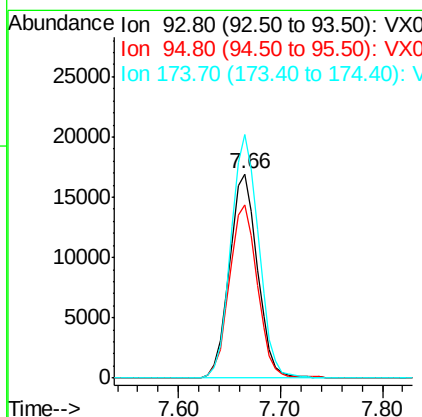
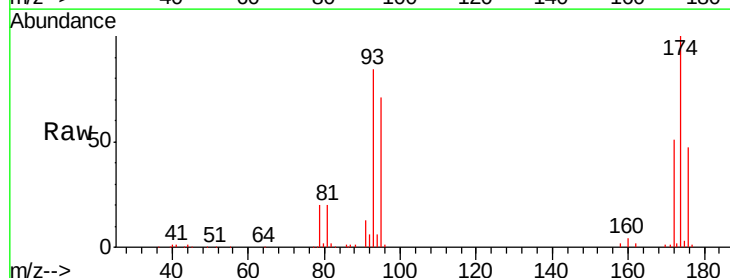
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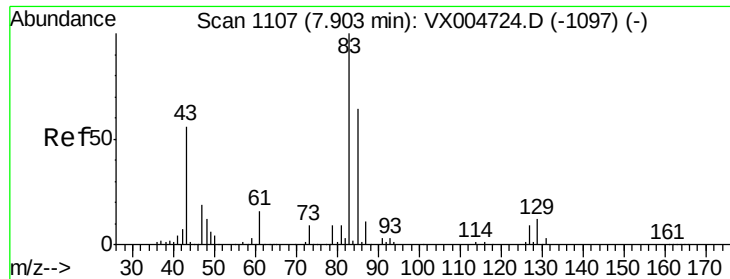
MMDadoda
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#46
 Dibromomethane
 Concen: 20.24 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion: 93 Resp: 32211
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.7 100.1
 174 117.6 92.7 139.1





#47

Bromodichloromethane

Concen: 20.95 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

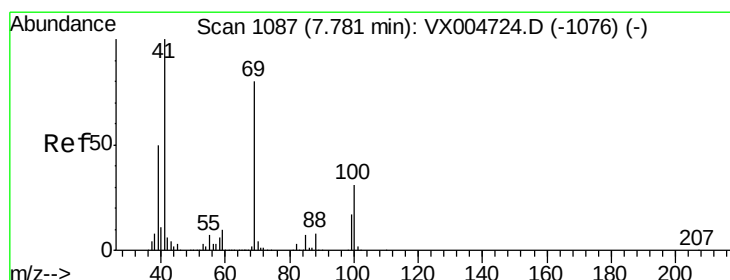
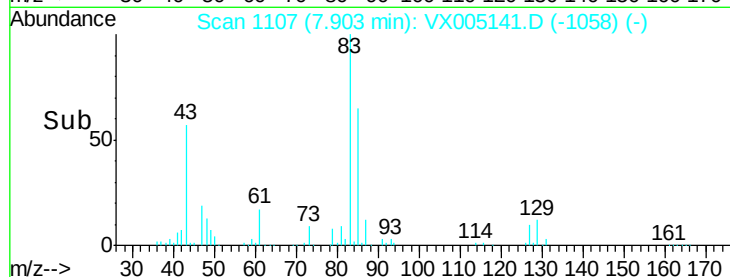
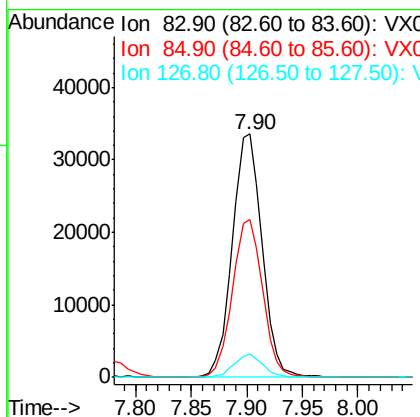
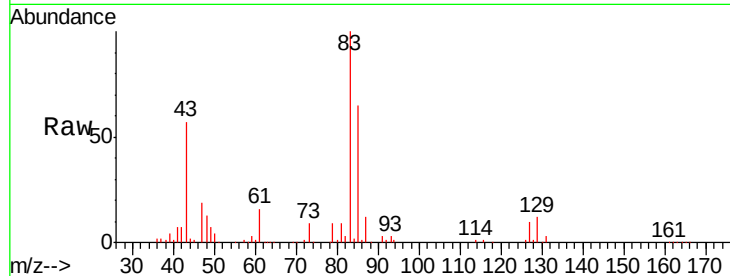
ClientSampleId :

VX1008WBS02

Tgt Ion:	83	Resp:	62420
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.2	76.8
127	9.5	7.0	10.6

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#48

Methyl methacrylate

Concen: 21.49 ug/l

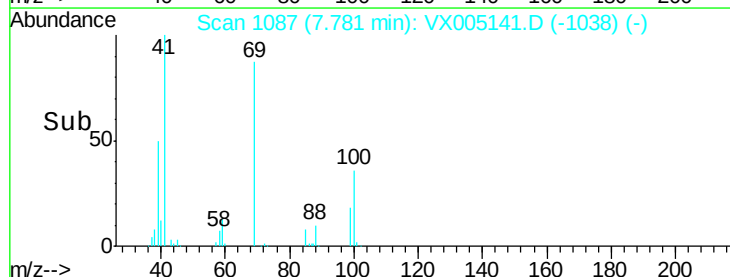
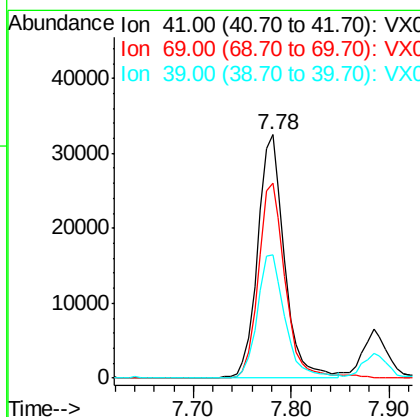
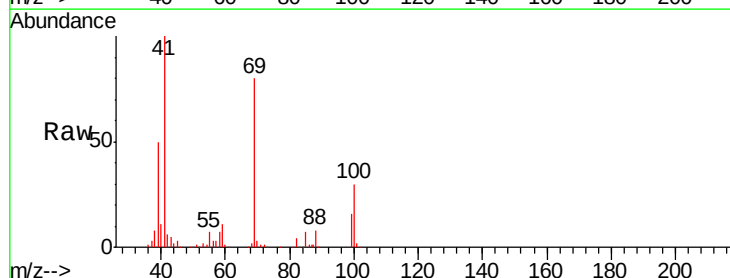
RT: 7.78 min Scan# 1087

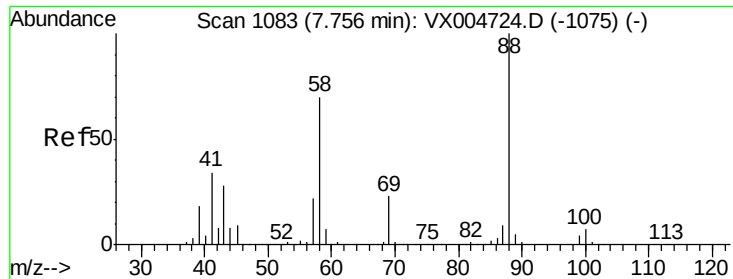
Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	41	Resp:	61642
Ion	Ratio	Lower	Upper
41	100		
69	80.7	63.8	95.6
39	51.5	40.7	61.1





#49

1,4-Dioxane

Concen: 418.69 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

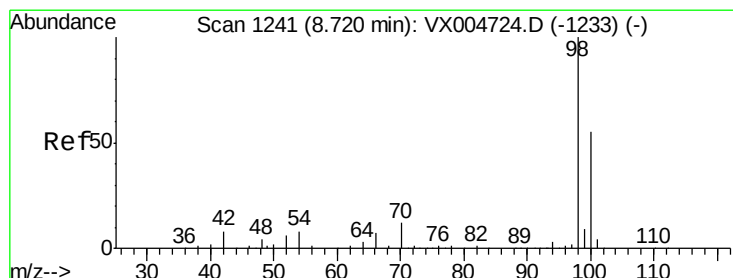
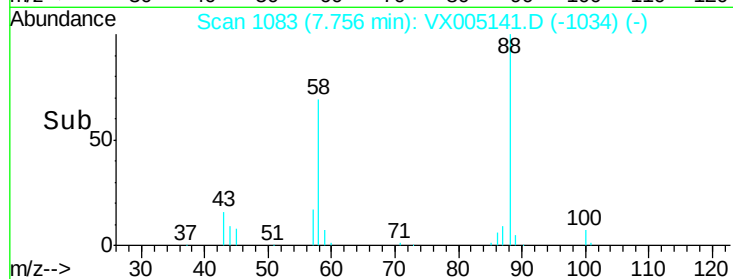
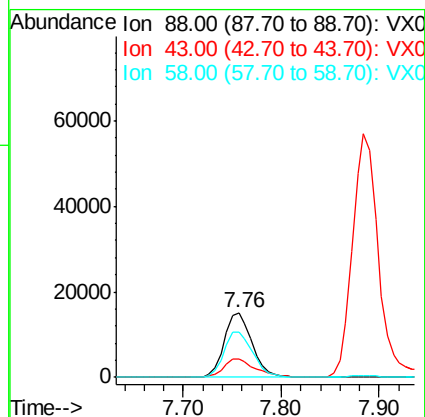
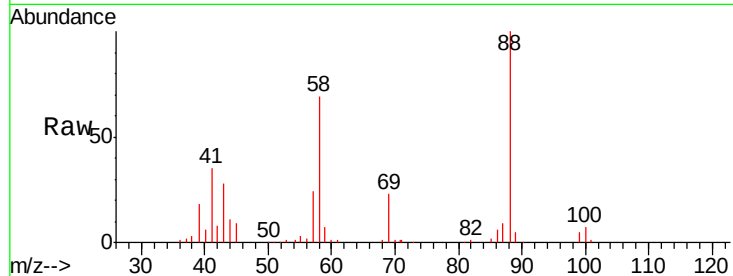
ClientSampleId :

VX1008WBS02

Tgt Ion:	88	Resp:	29831
Ion Ratio	Lower	Upper	
88	100		
43	31.7	25.1	37.7
58	73.6	56.2	84.2

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#50

Toluene-d8

Concen: 52.45 ug/l

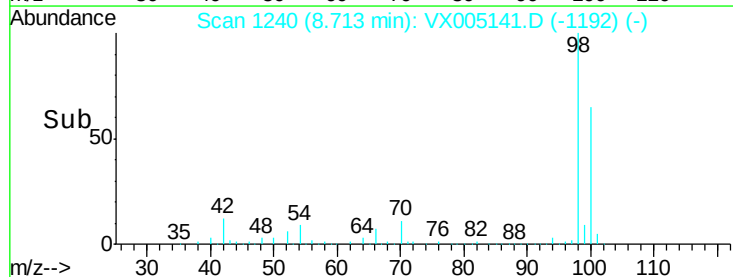
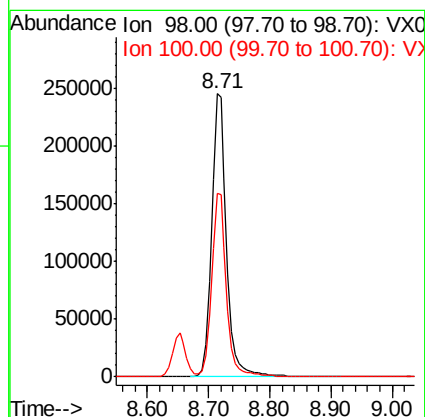
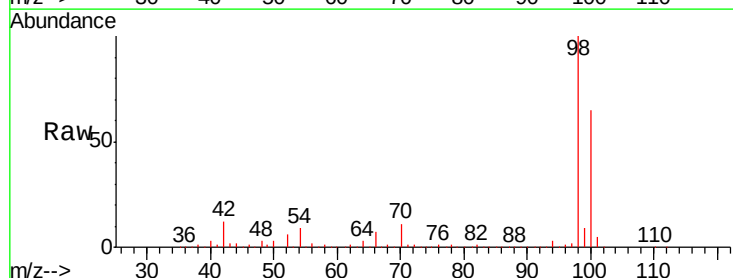
RT: 8.71 min Scan# 1240

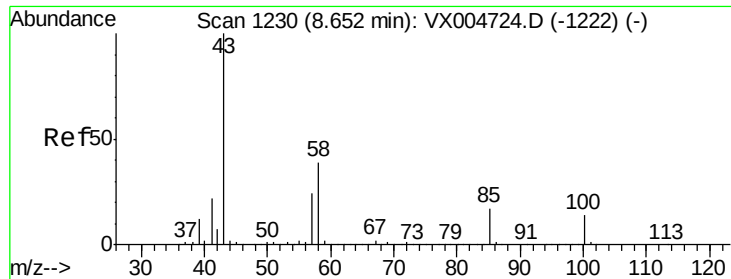
Delta R.T. -0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	98	Resp:	421481
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 110.77 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion: 43 Resp: 440688

Ion Ratio Lower Upper

43 100

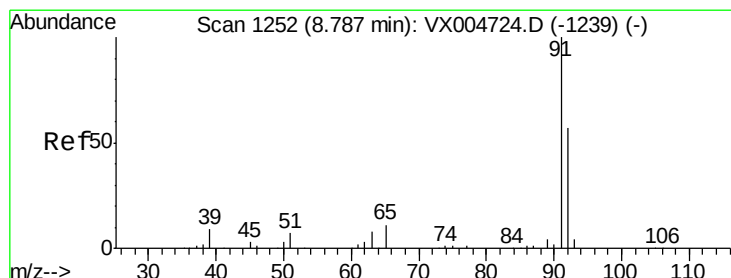
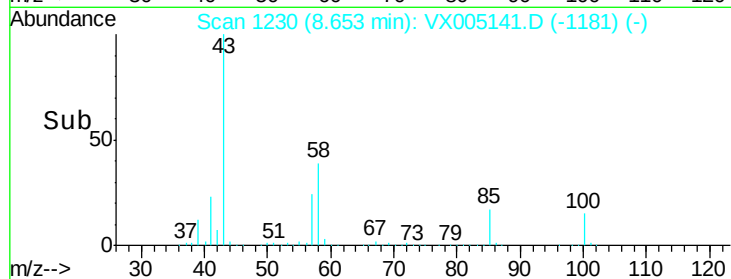
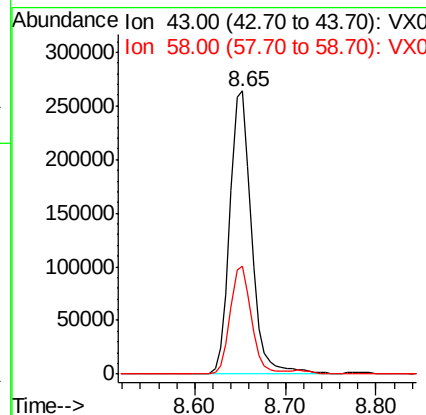
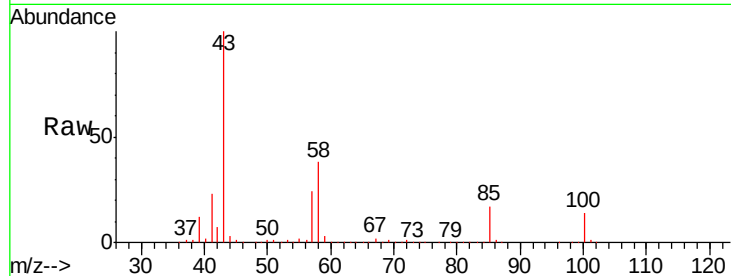
58 37.2 30.5 45.7

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#52

Toluene

Concen: 20.60 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005141.D

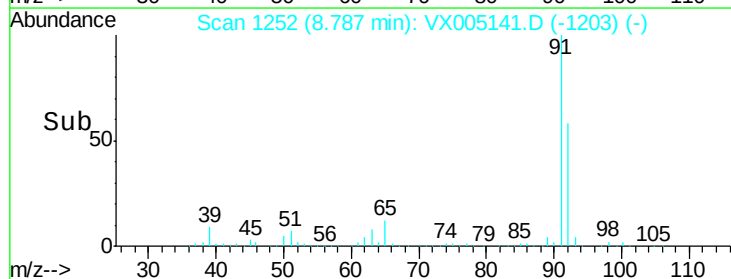
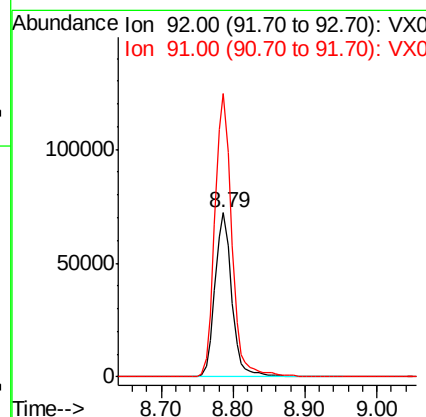
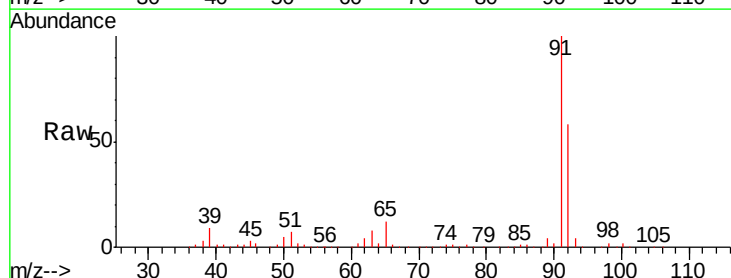
Acq: 08 Oct 2018 22:16

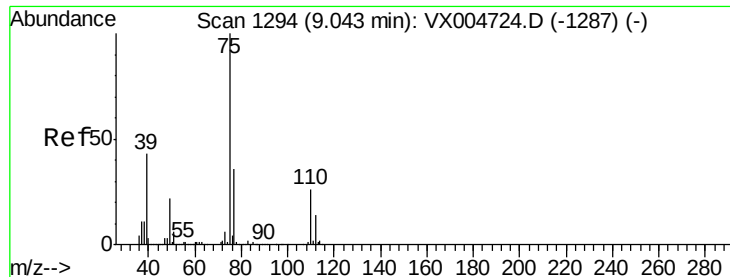
Tgt Ion: 92 Resp: 116894

Ion Ratio Lower Upper

92 100

91 174.4 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.91 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion: 75 Resp: 63667

Ion Ratio Lower Upper

75 100

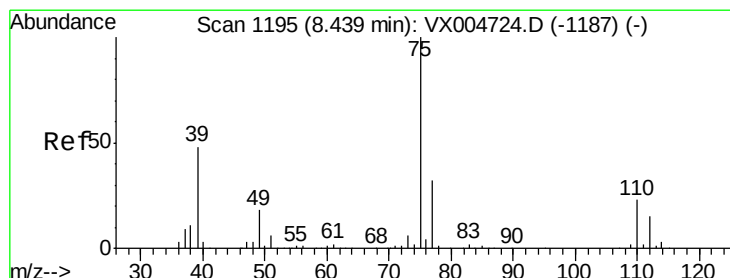
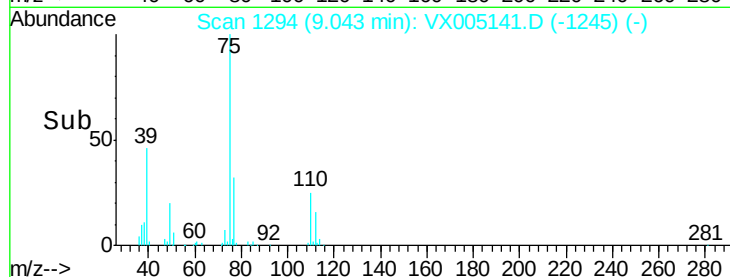
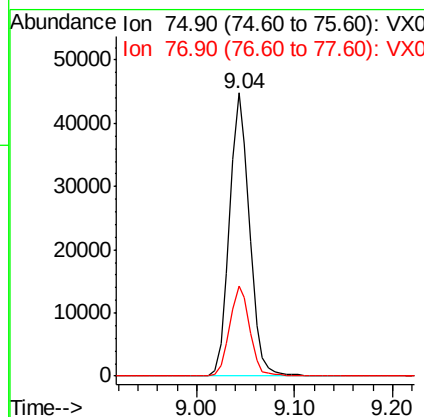
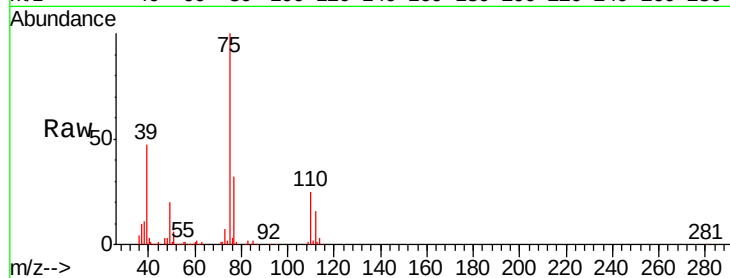
77 32.0 28.9 43.3

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#54

cis-1,3-Dichloropropene

Concen: 20.26 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

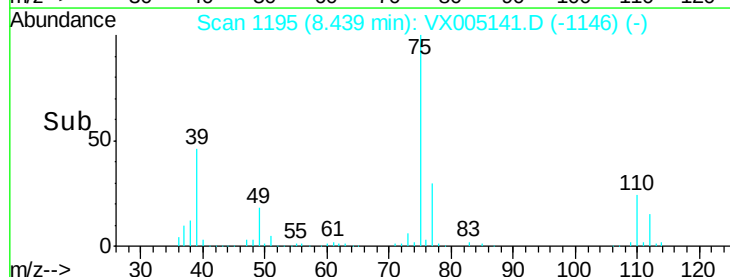
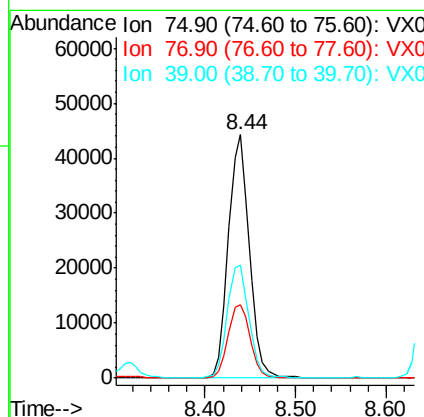
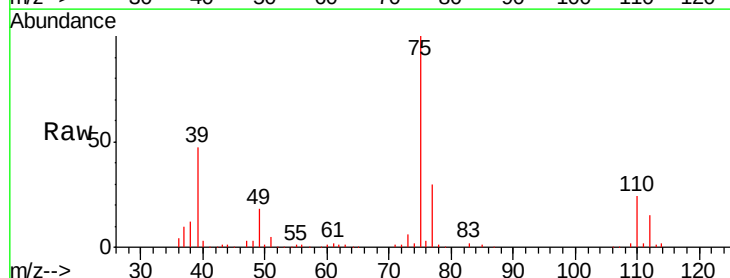
Tgt Ion: 75 Resp: 71459

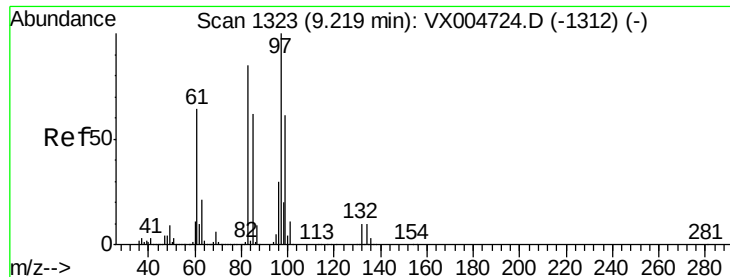
Ion Ratio Lower Upper

75 100

77 30.2 25.7 38.5

39 46.4 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 20.39 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

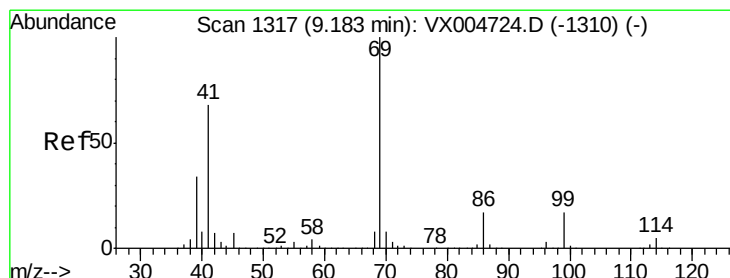
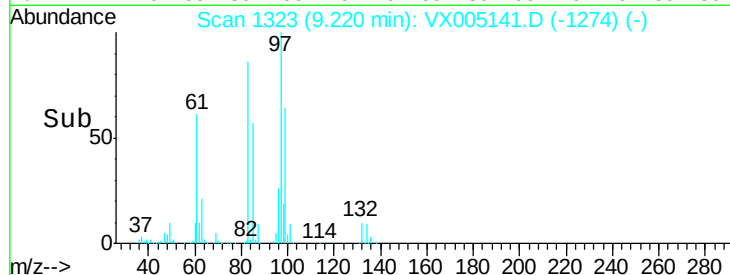
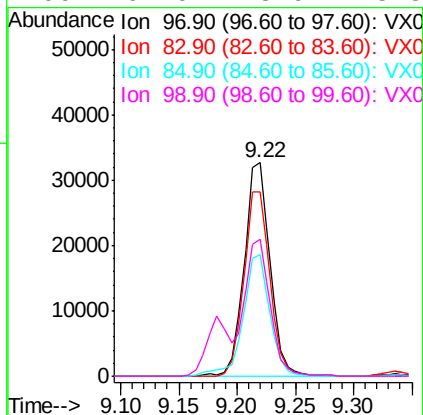
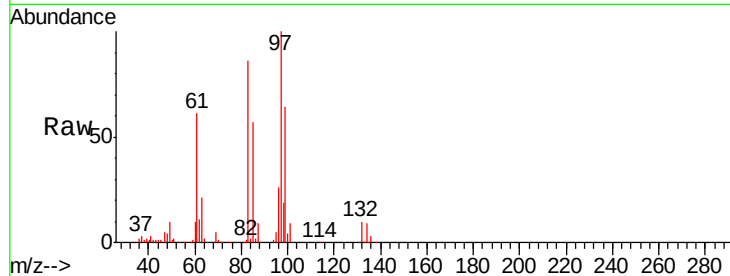
ClientSampleId :

VX1008WBS02

Tgt Ion:	97	Resp:	50659
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.2	102.2
85	56.8	49.9	74.9
99	64.0	48.9	73.3

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#56

Ethyl methacrylate

Concen: 19.87 ug/l

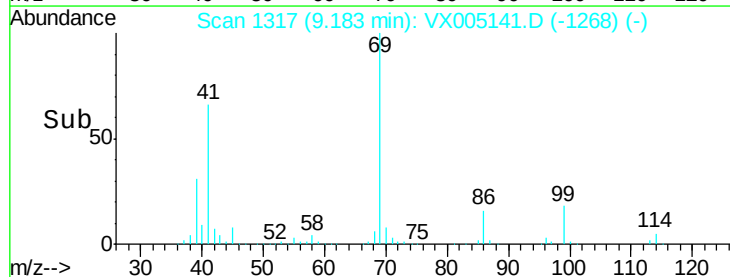
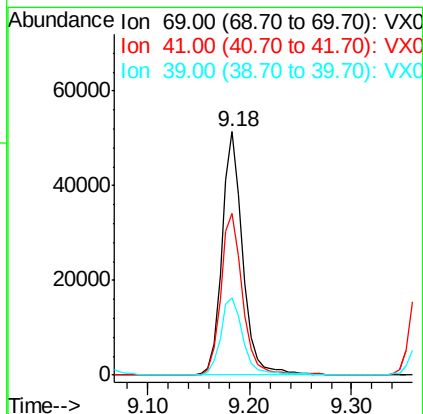
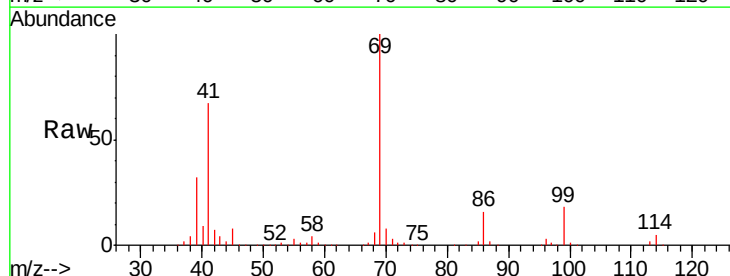
RT: 9.18 min Scan# 1317

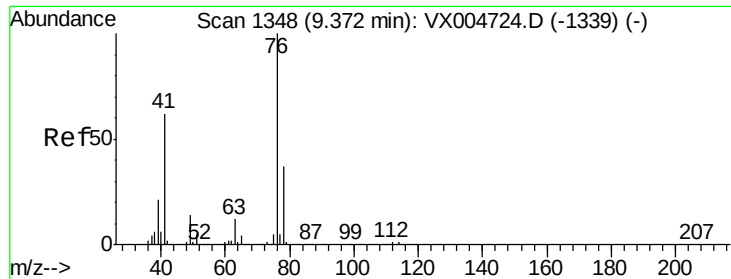
Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	69	Resp:	72749
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.9	85.3
39	33.8	28.4	42.6





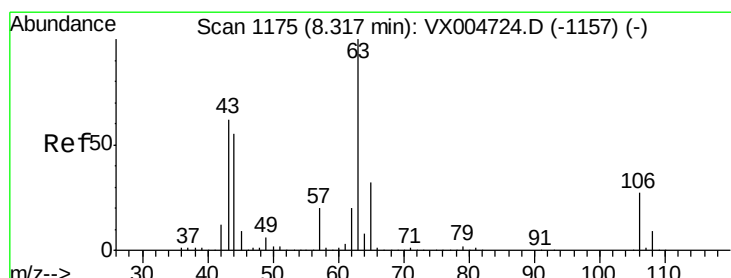
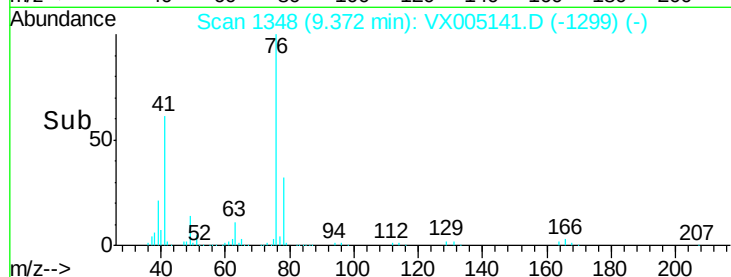
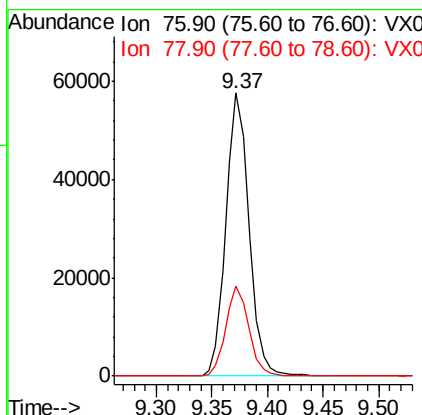
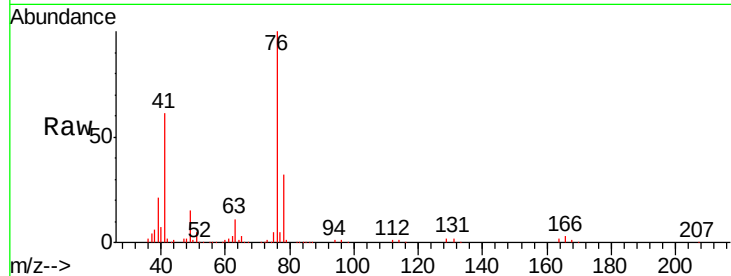
#57
 1,3-Dichloropropane
 Concen: 20.07 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion: 76 Resp: 83003
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.6 40.0

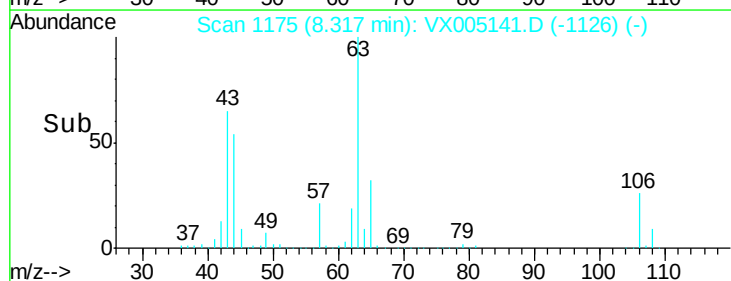
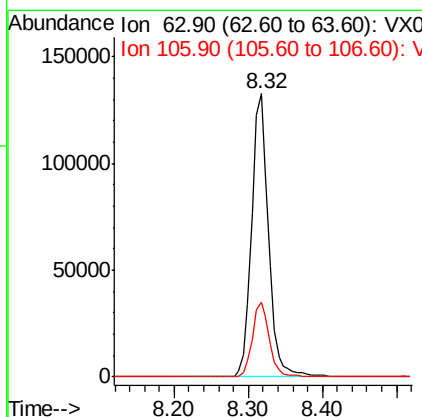
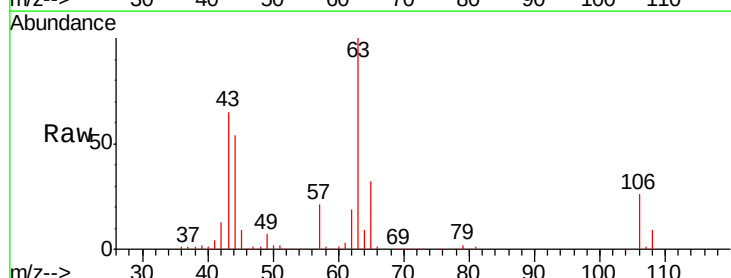
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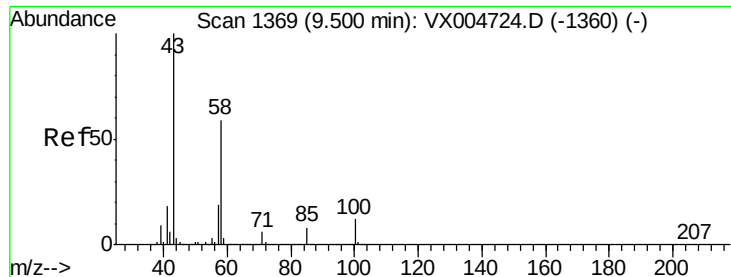
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#58
 2-Chloroethyl Vinyl ether
 Concen: 107.67 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion: 63 Resp: 212127
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.6





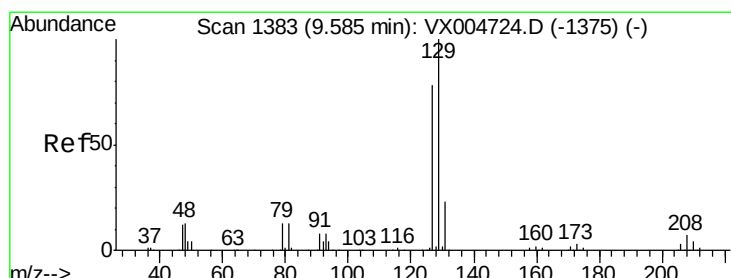
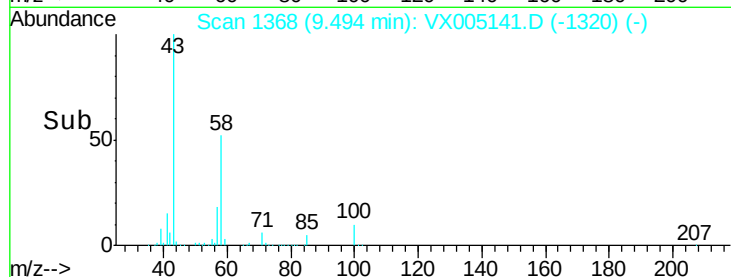
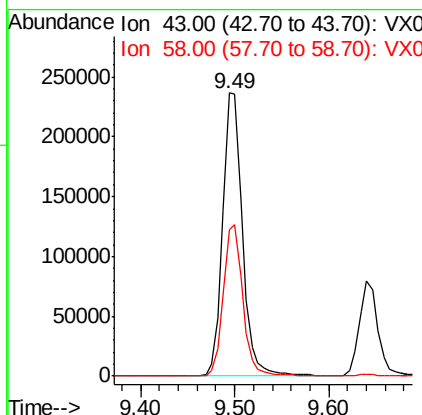
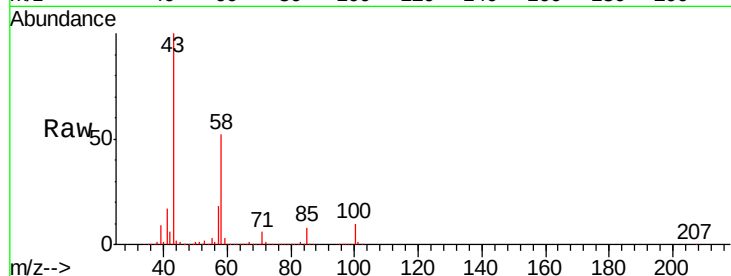
#59
2-Hexanone
Concen: 104.45 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion: 43 Resp: 346289
Ion Ratio Lower Upper
43 100
58 52.6 28.4 85.3

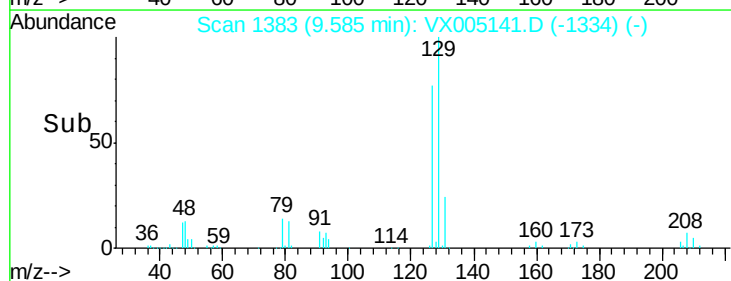
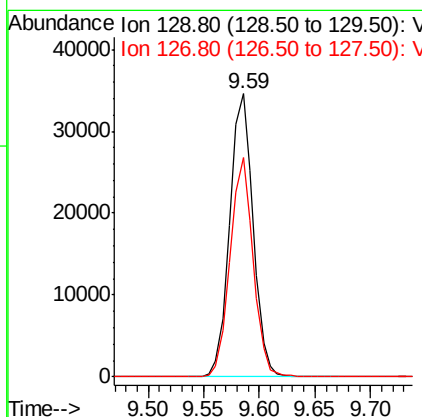
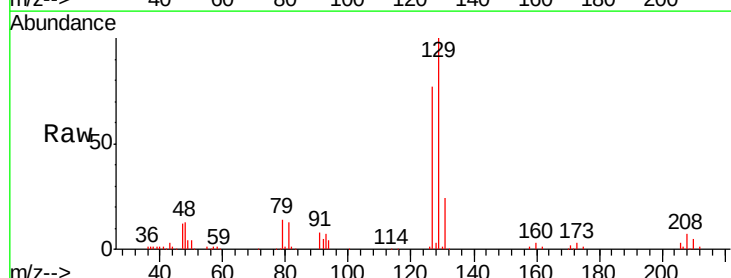
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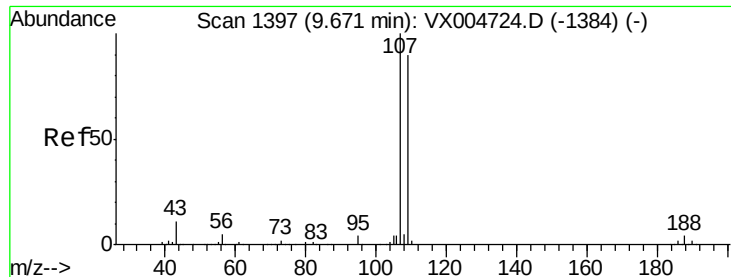
MMDadoda
10/9/2018 1:47:53 PM



#60
Dibromochloromethane
Concen: 20.27 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion: 129 Resp: 50383
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2





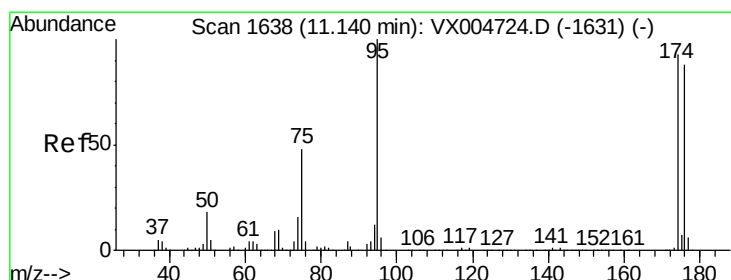
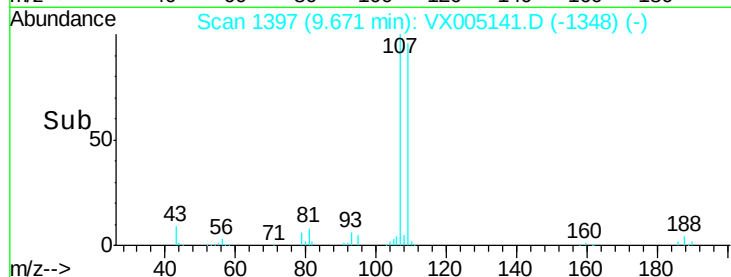
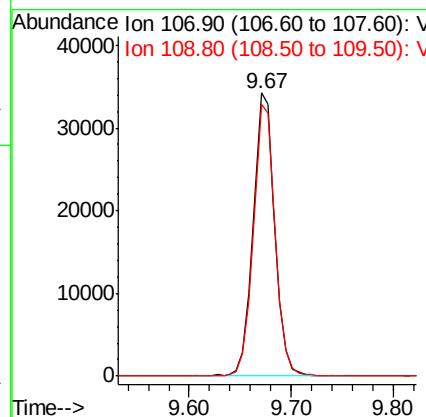
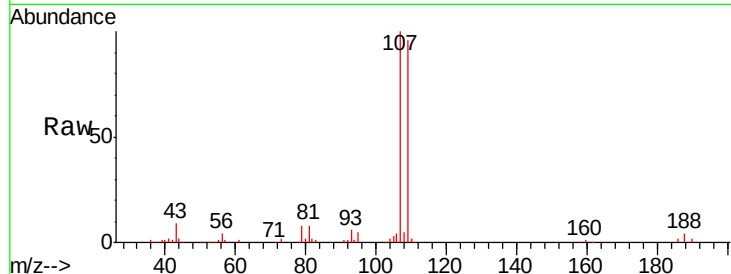
#61
 1,2-Dibromoethane
 Concen: 19.05 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.7	72.1	108.1

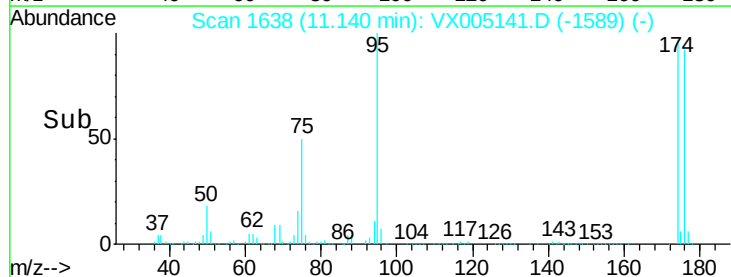
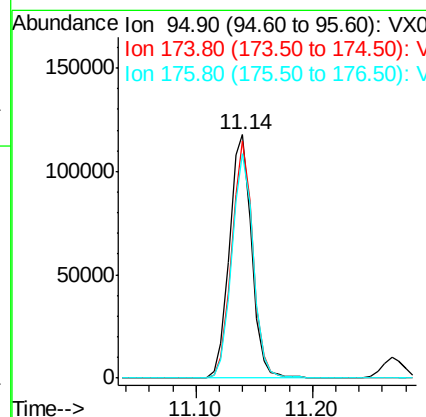
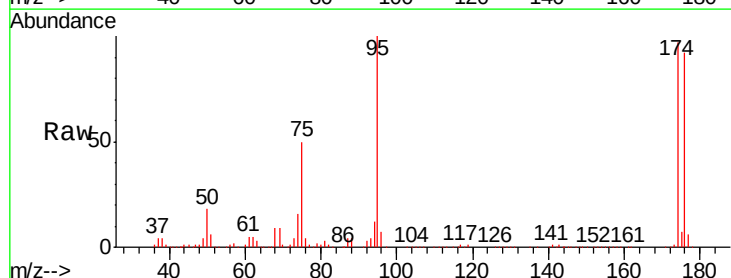
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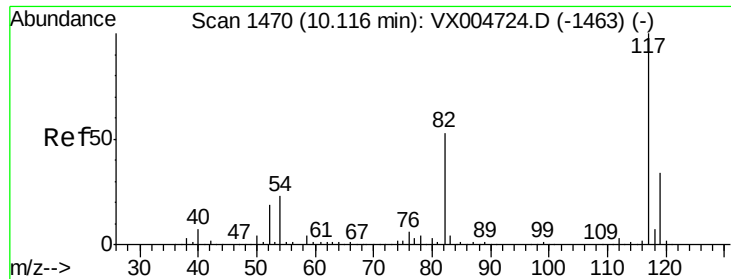
MMDadoda
 10/9/2018 1:47:53 PM



#62
 4-Bromofluorobenzene
 Concen: 53.57 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	185.0
176	89.6	0.0	180.2





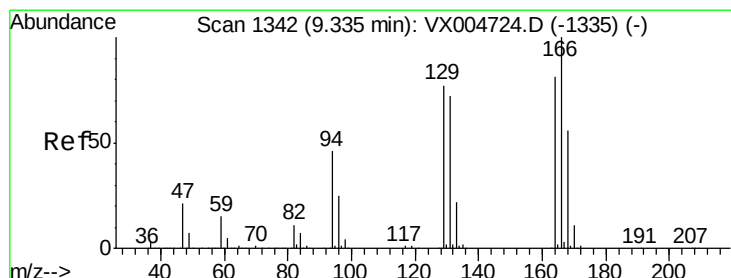
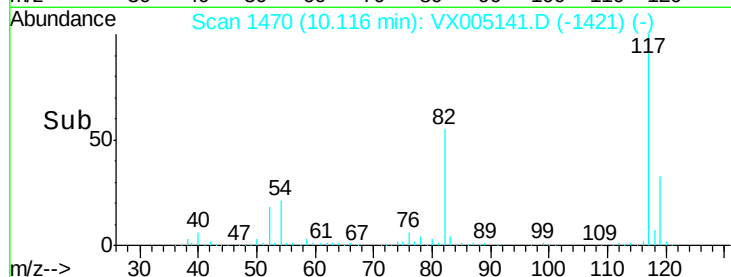
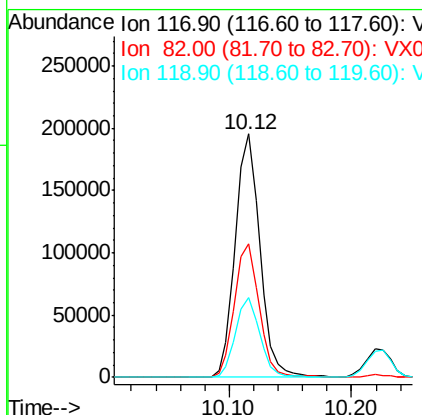
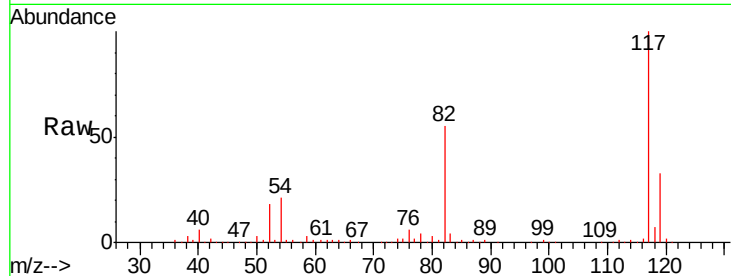
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampled :
VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.2	63.4
119	32.8	27.4	41.0

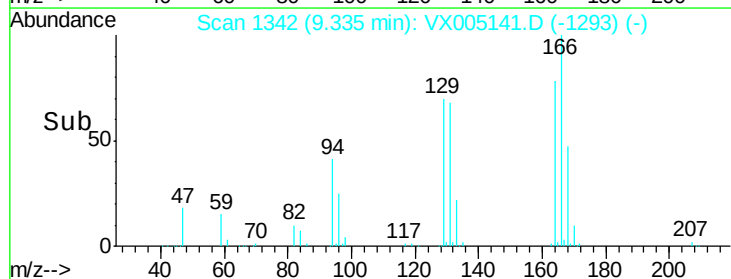
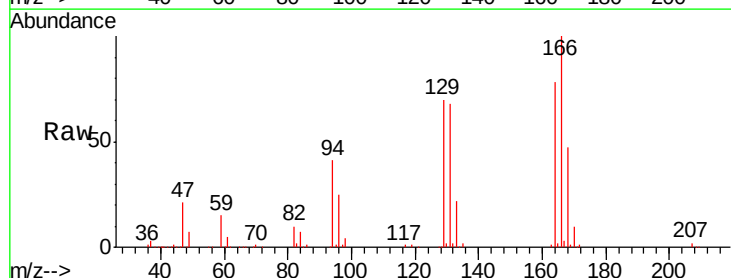
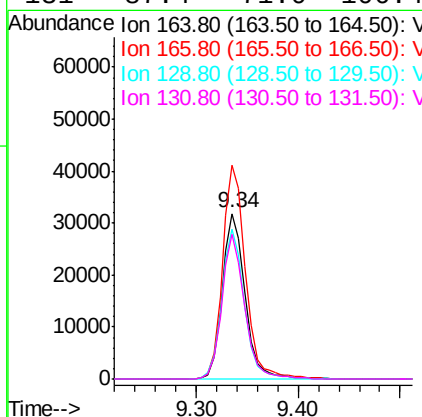
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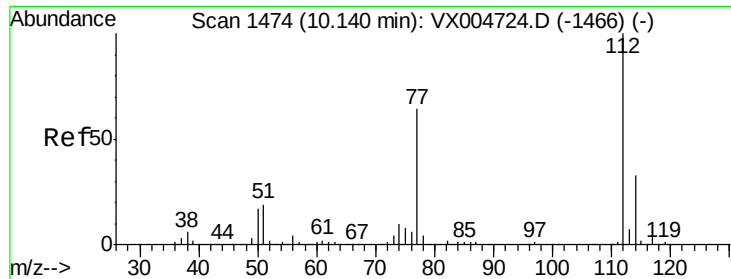
MMDadoda
10/9/2018 1:47:53 PM



#64
Tetrachloroethene
Concen: 18.29 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	98.4	147.6
129	90.5	76.1	114.1
131	87.4	71.0	106.4





#65

Chlorobenzene

Concen: 18.81 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS02

Tgt Ion:112 Resp: 131938

Ion Ratio Lower Upper

112 100

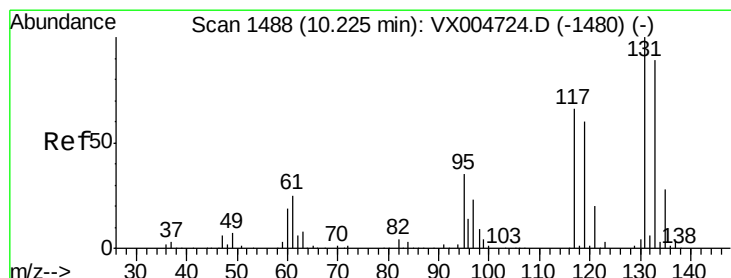
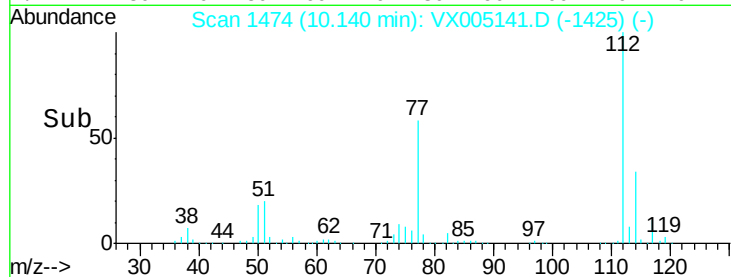
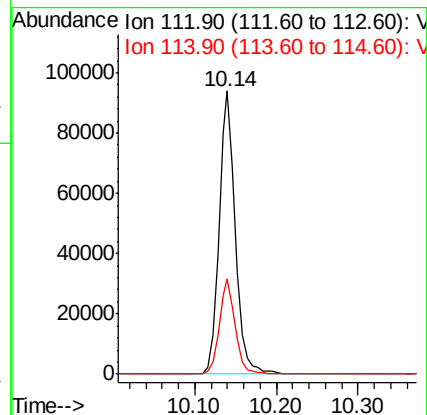
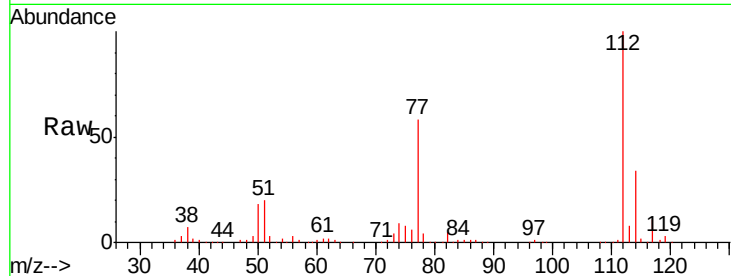
114 33.6 26.7 40.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.37 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

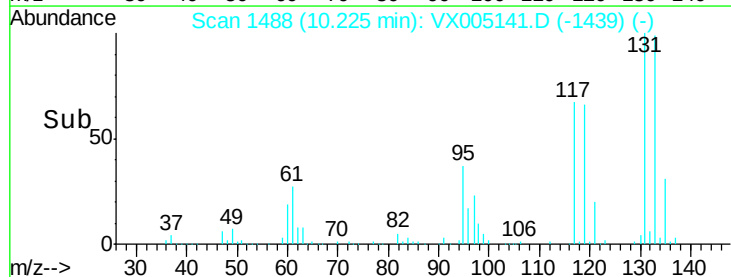
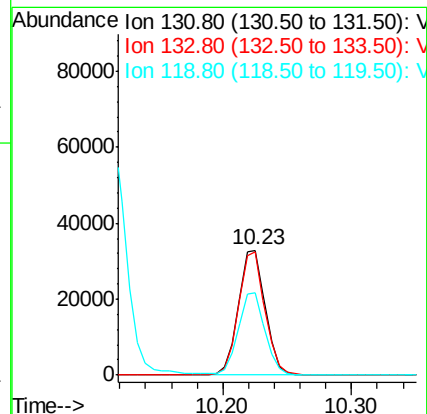
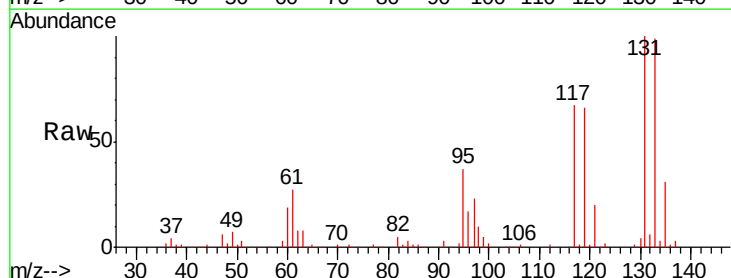
Tgt Ion:131 Resp: 47776

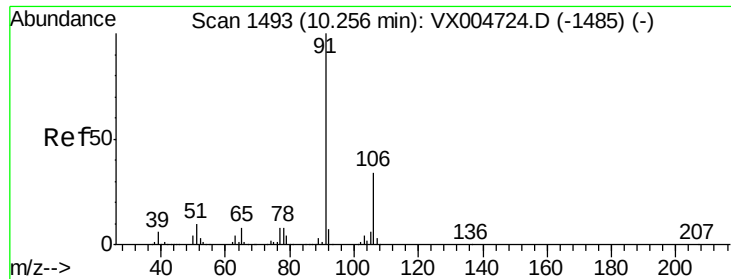
Ion Ratio Lower Upper

131 100

133 96.9 48.4 145.0

119 66.2 32.3 96.8





#67

Ethyl Benzene

Concen: 19.35 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS02

Tgt Ion: 91 Resp: 215483

Ion Ratio Lower Upper

91 100

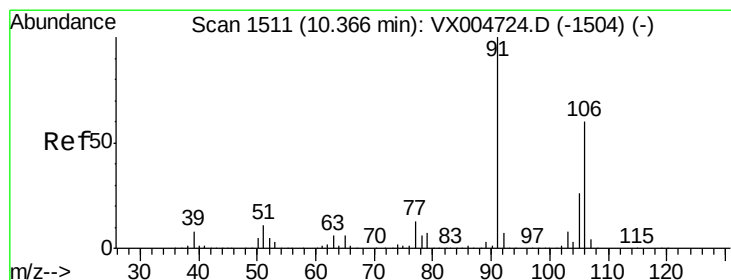
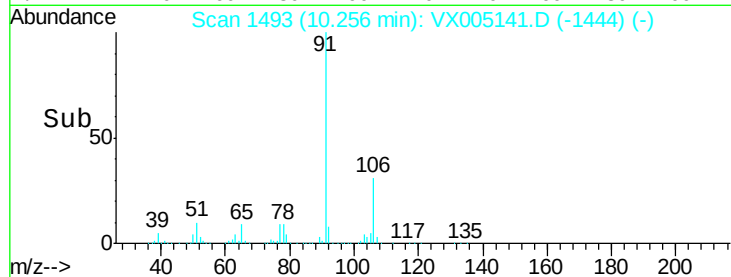
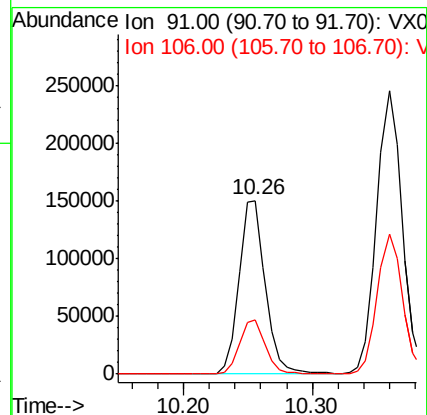
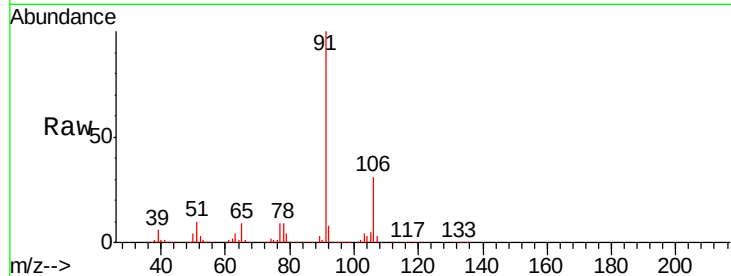
106 31.0 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.53 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005141.D

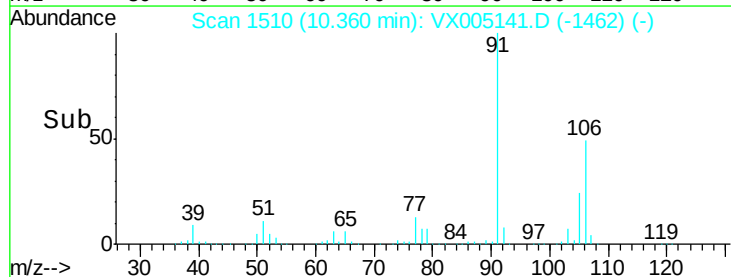
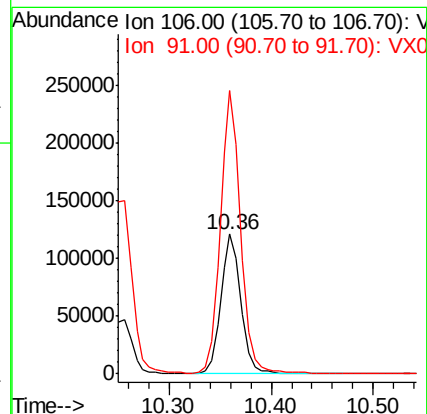
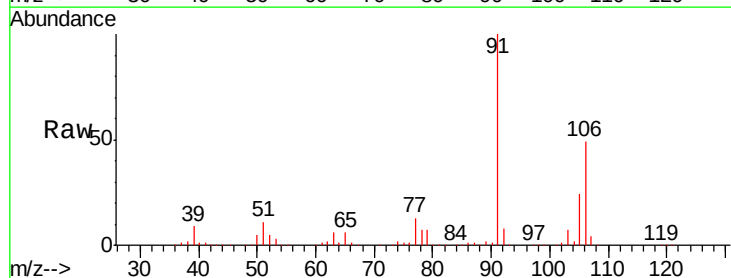
Acq: 08 Oct 2018 22:16

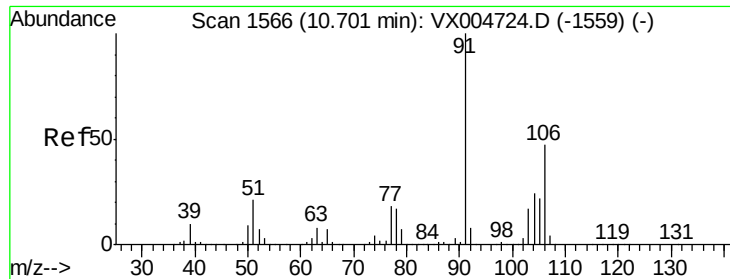
Tgt Ion: 106 Resp: 167696

Ion Ratio Lower Upper

106 100

91 203.9 157.5 236.3





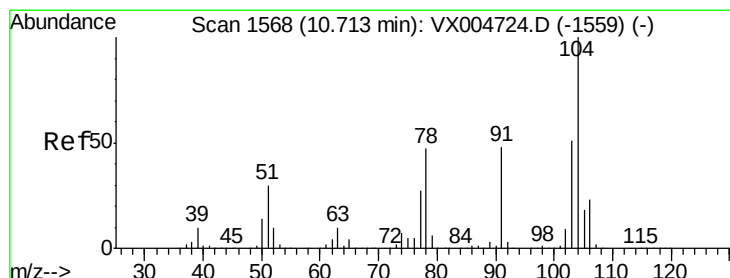
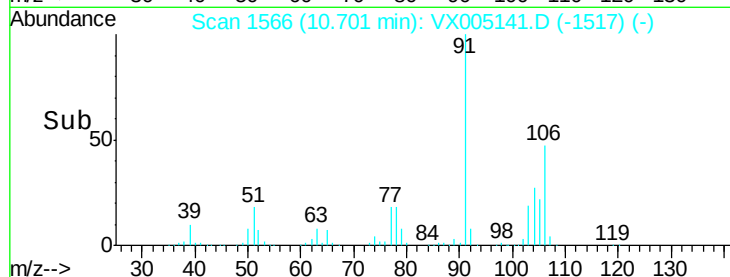
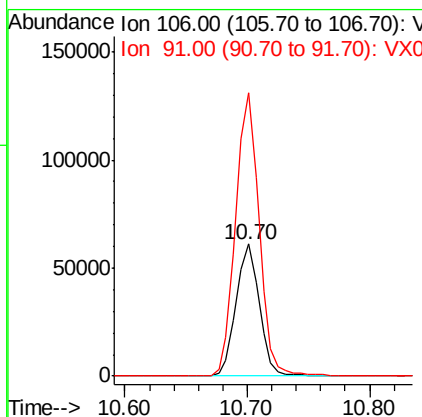
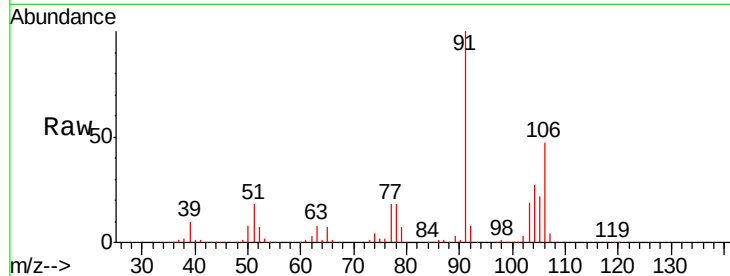
#69
o-Xylene
Concen: 20.09 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion:106 Resp: 80330
Ion Ratio Lower Upper
106 100
91 217.4 108.3 324.8

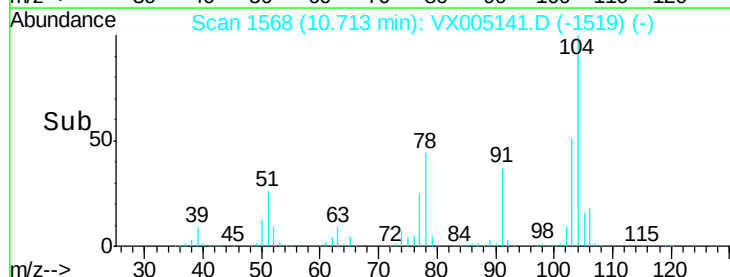
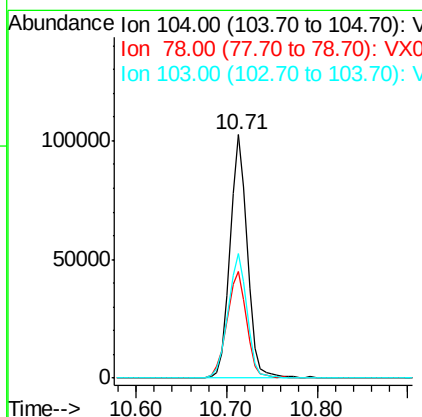
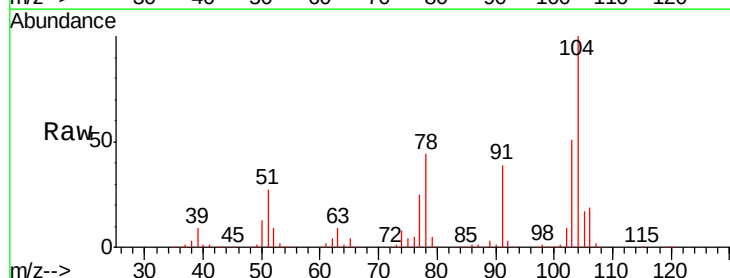
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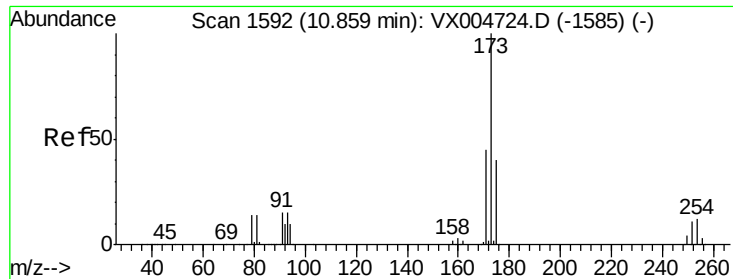
MMDadoda
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#70
Styrene
Concen: 19.63 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion:104 Resp: 136615
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 56.5 44.3 66.5





#71

Bromoform

Concen: 18.95 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion:173 Resp: 40010

Ion Ratio Lower Upper

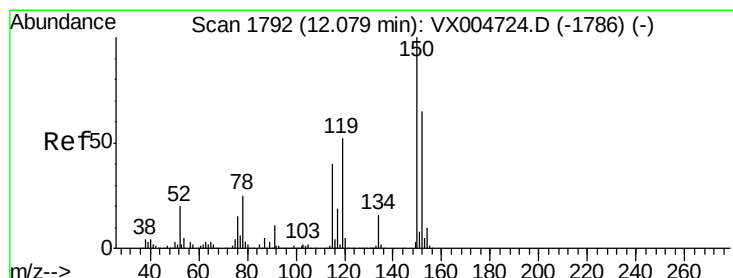
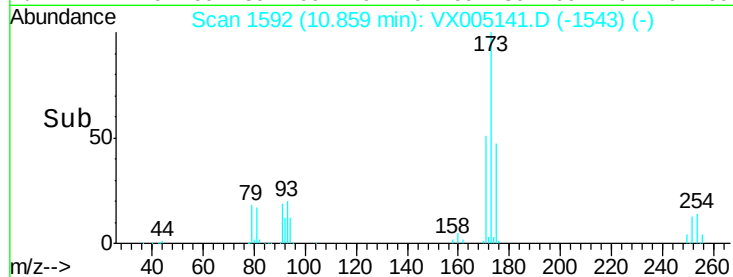
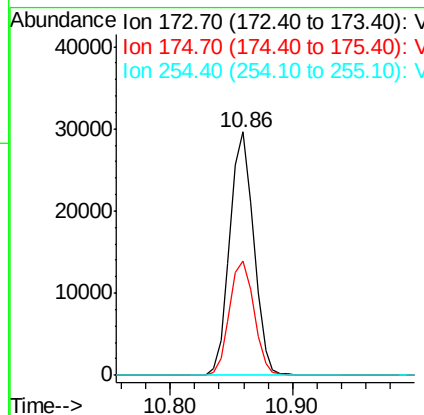
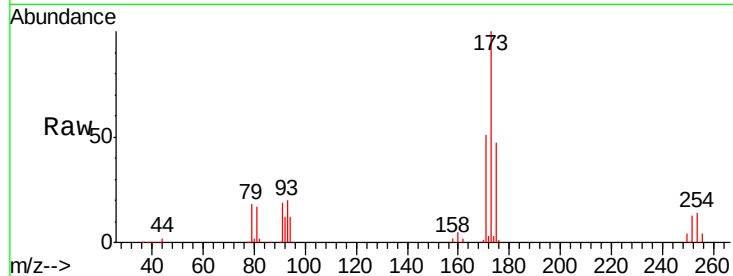
173 100

175 48.2 23.3 69.8

254 0.1 0.2 0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

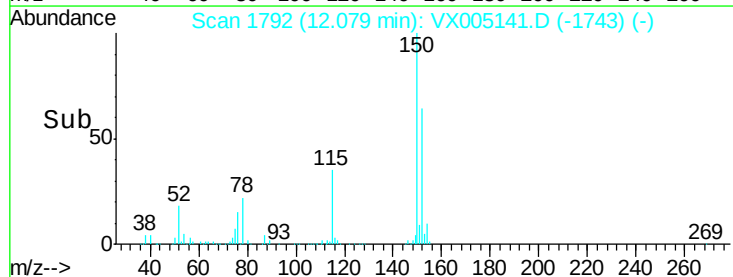
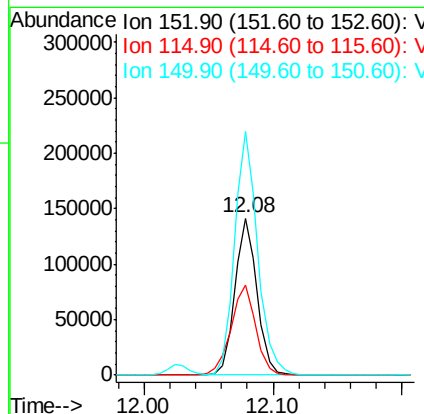
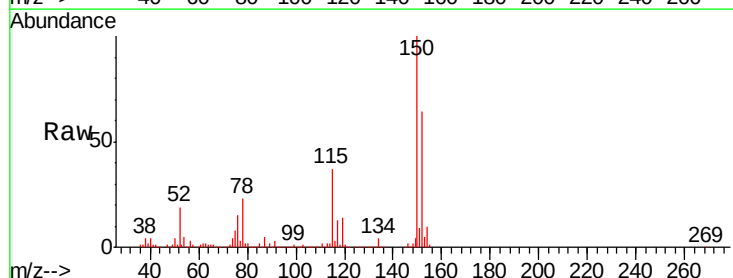
Tgt Ion:152 Resp: 168574

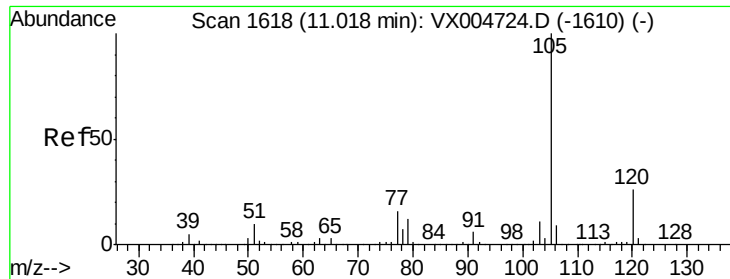
Ion Ratio Lower Upper

152 100

115 64.5 40.2 120.6

150 163.0 0.0 351.0





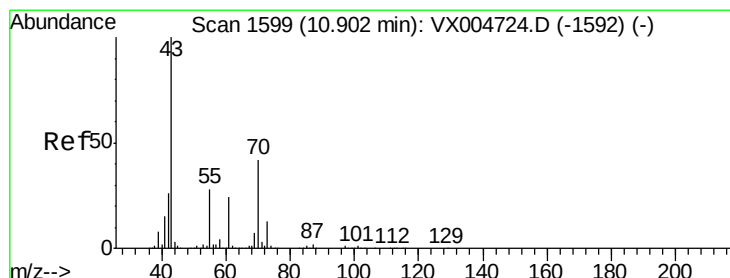
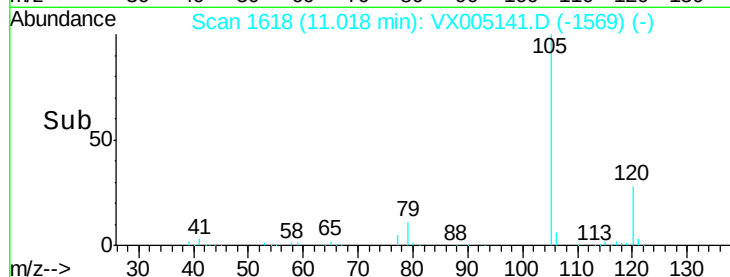
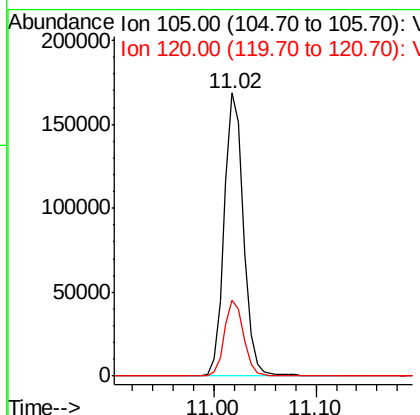
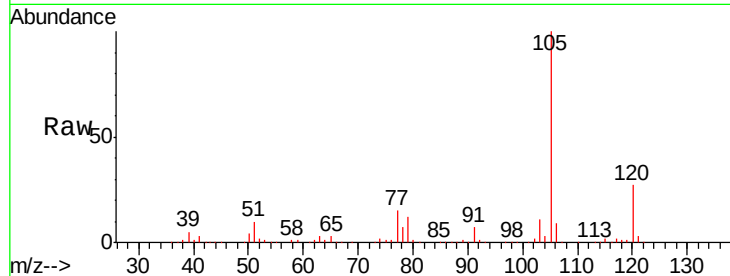
#73
Isopropylbenzene
Concen: 20.90 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.2	39.5

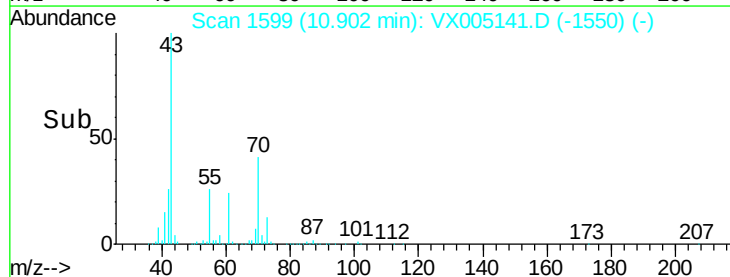
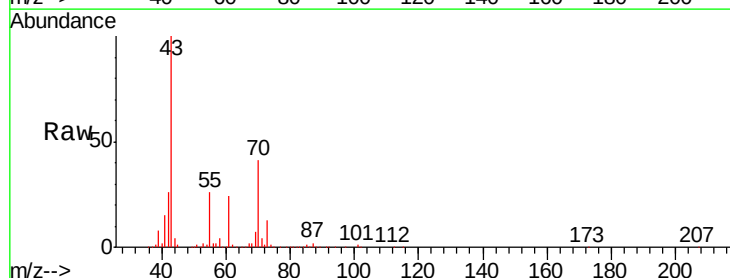
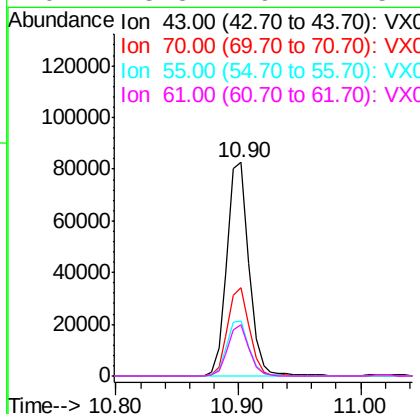
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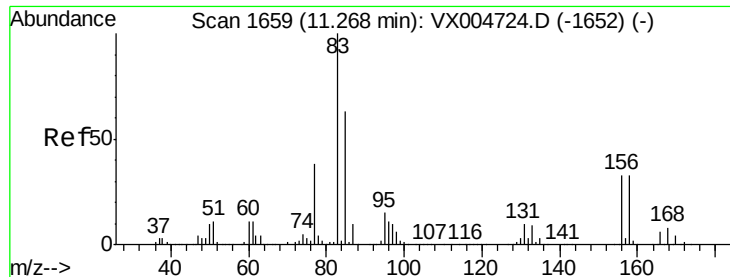
MMDadoda
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#74
N-ethyl acetate
Concen: 18.71 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.9	32.6	48.8
55	26.1	21.6	32.4
61	23.3	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.89 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

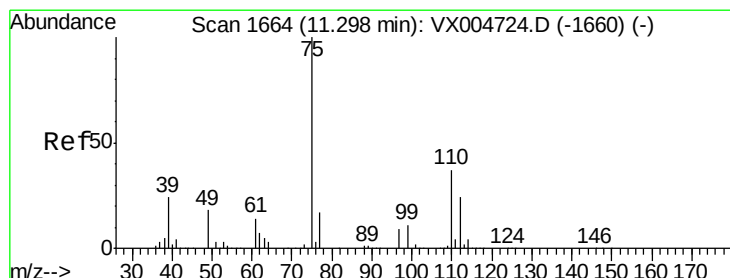
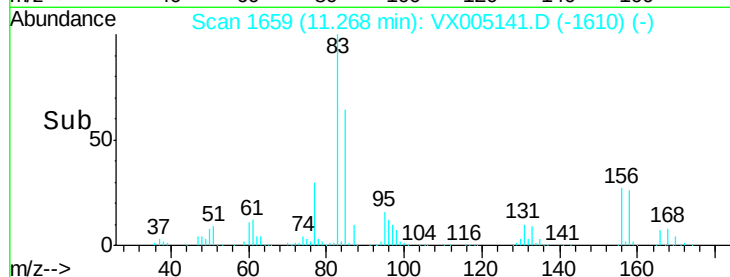
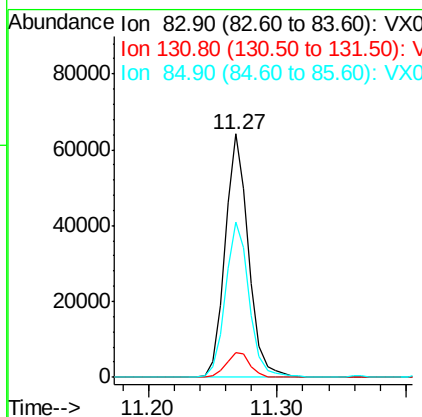
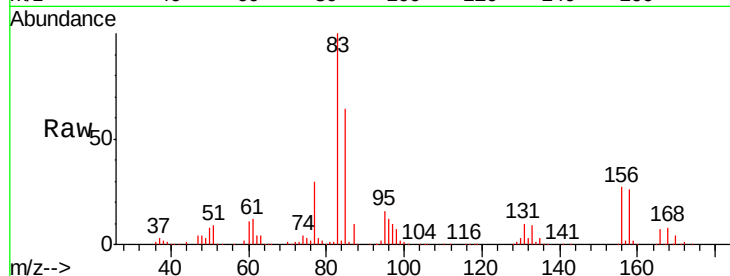
ClientSampleId :

VX1008WBS02

Tgt Ion:	83	Resp:	81716
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.3
85	65.0	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 20.49 ug/l m

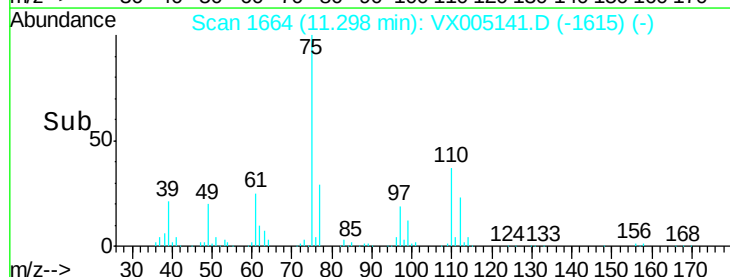
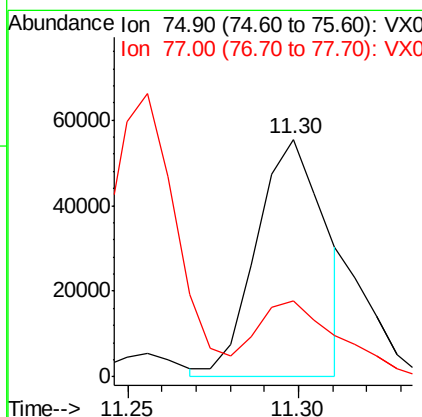
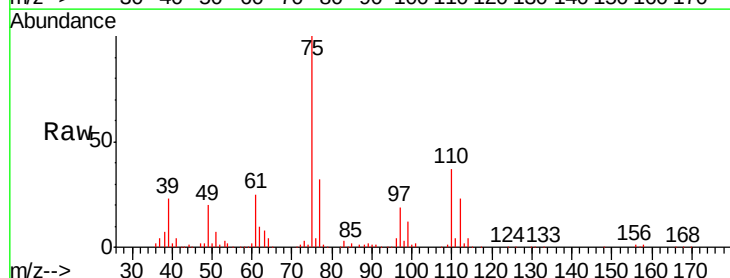
RT: 11.30 min Scan# 1664

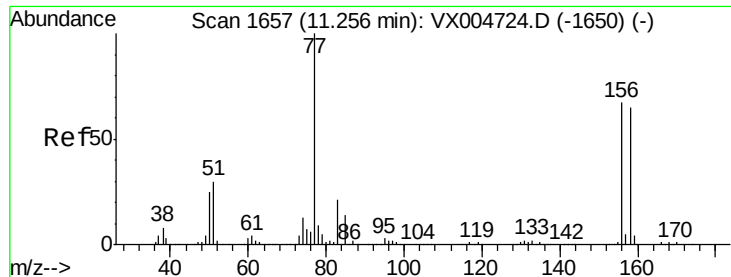
Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	75	Resp:	77425
Ion	Ratio	Lower	Upper
75	100		
77	38.1	21.4	64.3





#77

Bromobenzene

Concen: 19.75 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

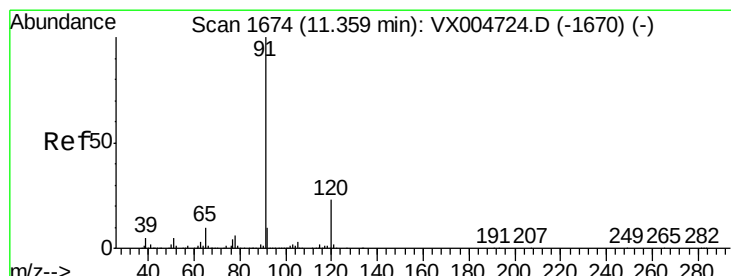
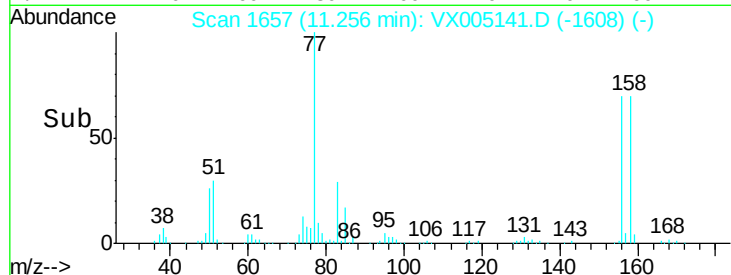
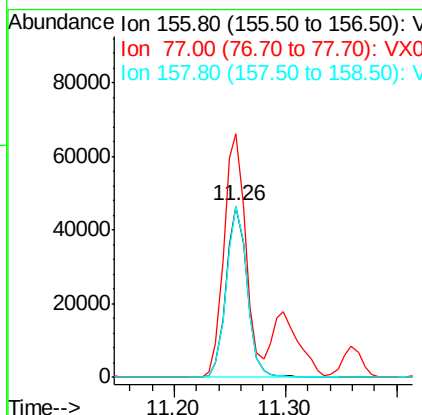
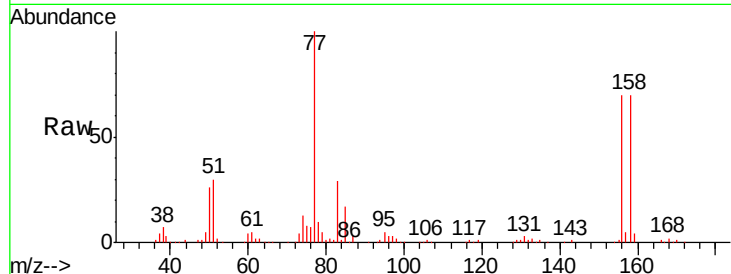
ClientSampleId :

VX1008WBS02

Tgt Ion:	156	Resp:	60940
Ion Ratio	Lower	Upper	
156	100		
77	147.3	73.4	220.2
158	98.5	49.1	147.4

Manual Integrations
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#78

n-propylbenzene

Concen: 20.90 ug/l

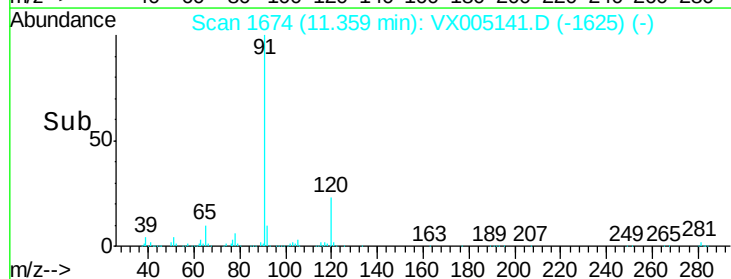
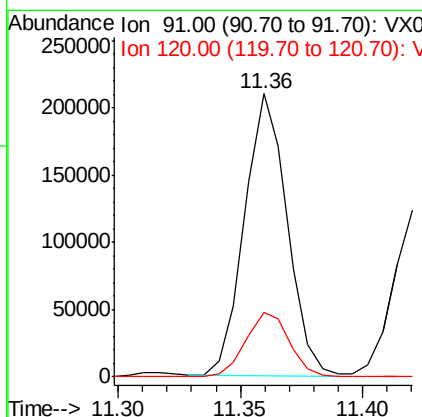
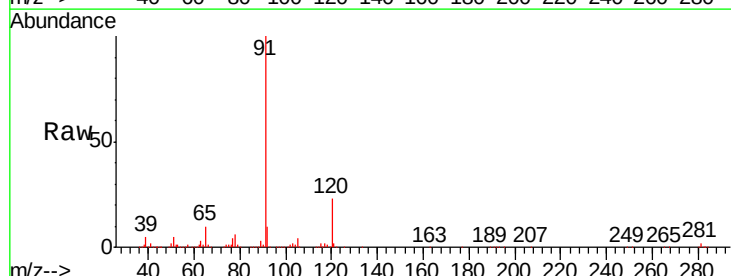
RT: 11.36 min Scan# 1674

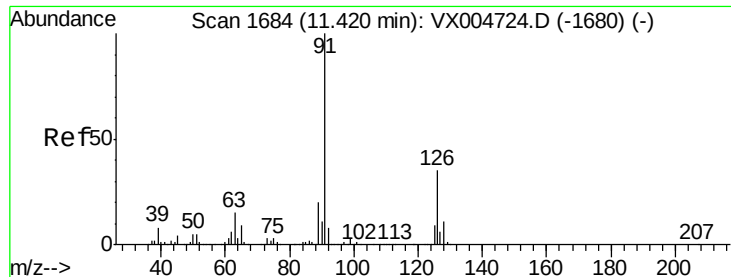
Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	91	Resp:	254787
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.0	36.0





#79

2-Chlorotoluene

Concen: 20.33 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion: 91 Resp: 154508

Ion Ratio Lower Upper

91 100

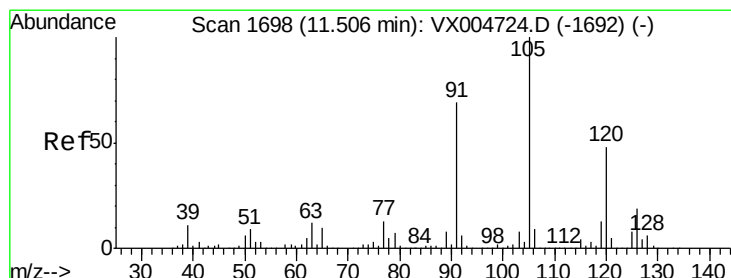
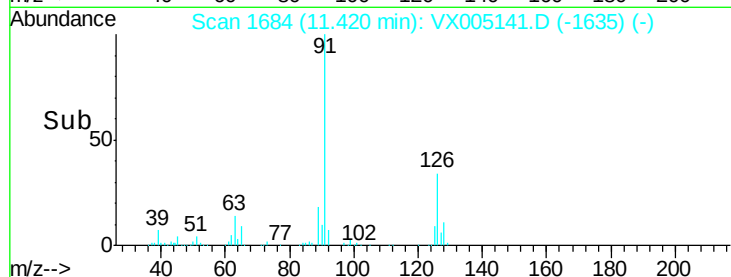
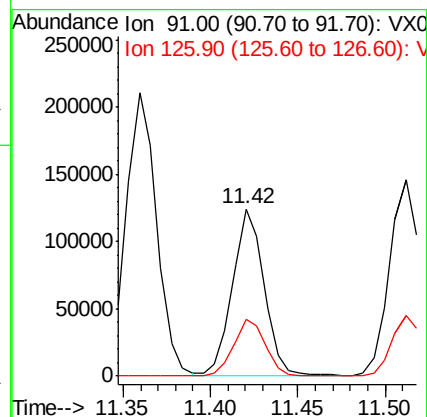
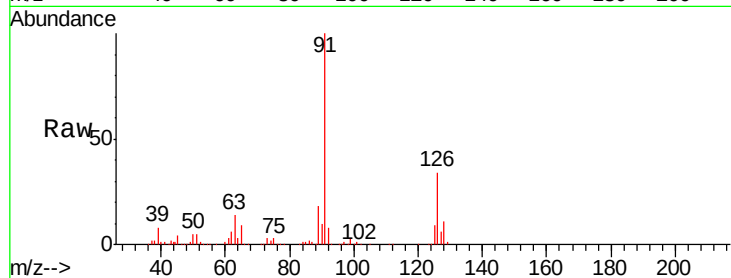
126 34.9 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.47 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005141.D

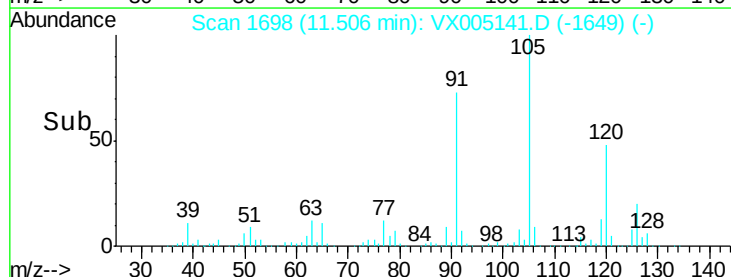
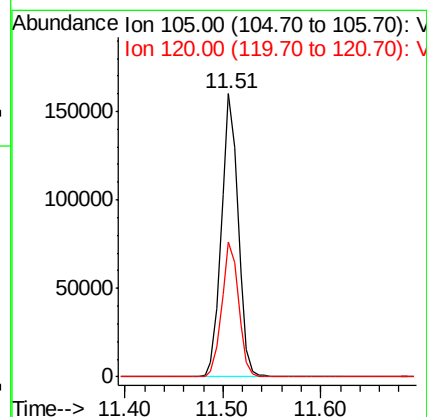
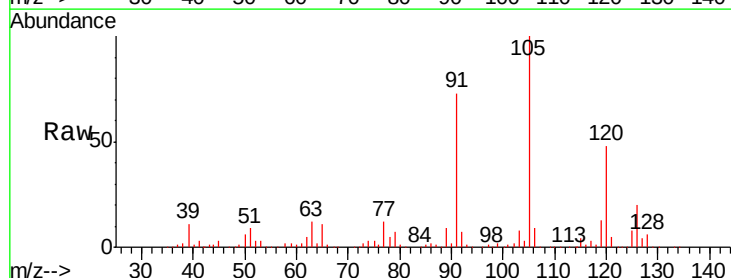
Acq: 08 Oct 2018 22:16

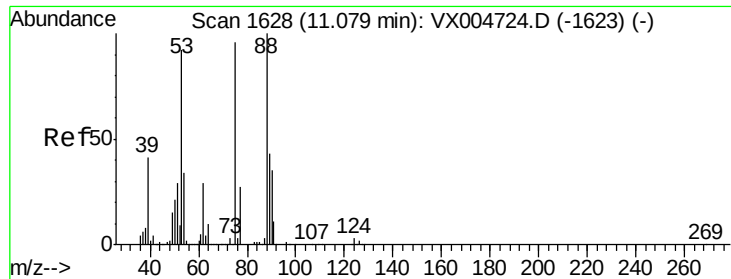
Tgt Ion: 105 Resp: 190785

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 15.87 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

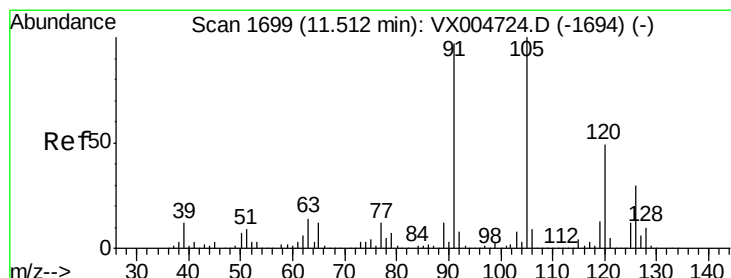
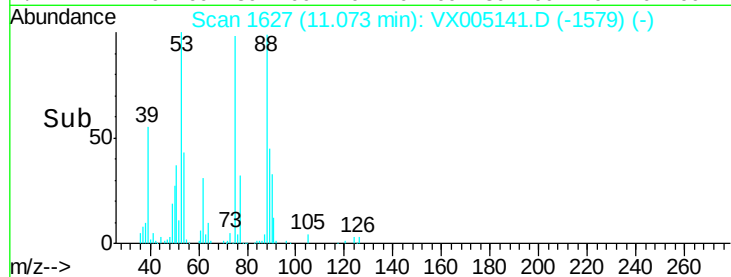
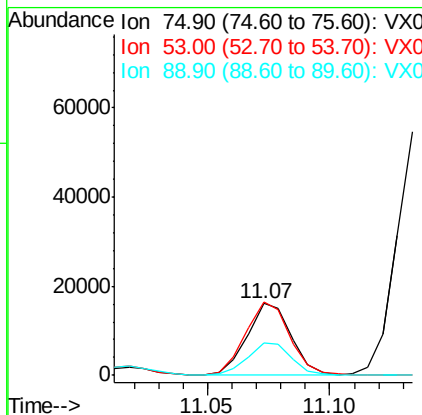
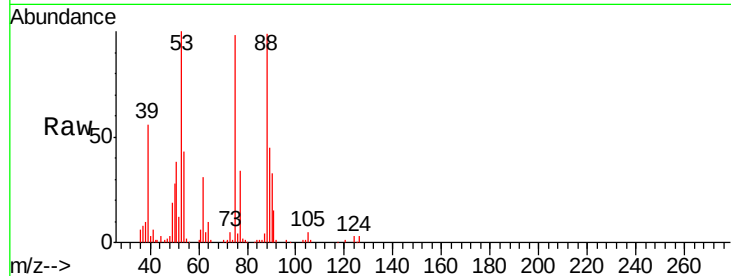
ClientSampleId :

VX1008WBS02

Tgt Ion:	75	Resp:	20022
Ion	Ratio	Lower	Upper
75	100		
53	103.7	80.2	120.4
89	45.9	37.1	55.7

Manual Integrations
APPROVED

MMDadoda
10/9/2018 1:47:53 PM



#82

4-Chlorotoluene

Concen: 20.33 ug/l

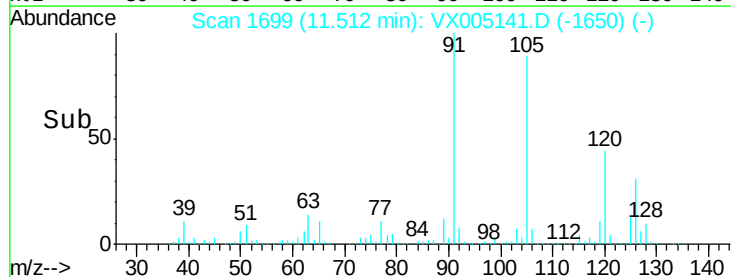
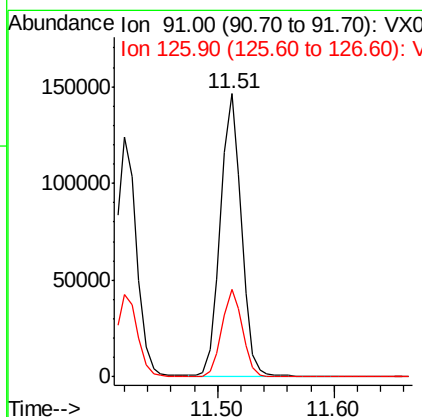
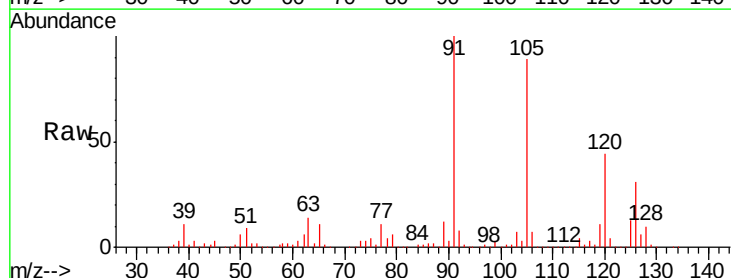
RT: 11.51 min Scan# 1699

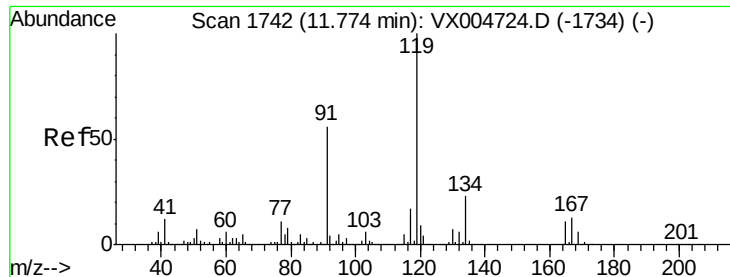
Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	91	Resp:	181874
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.5	46.5





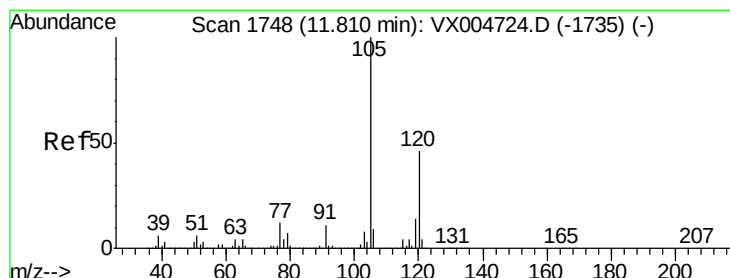
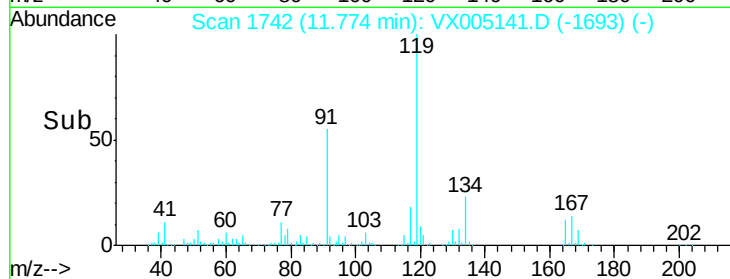
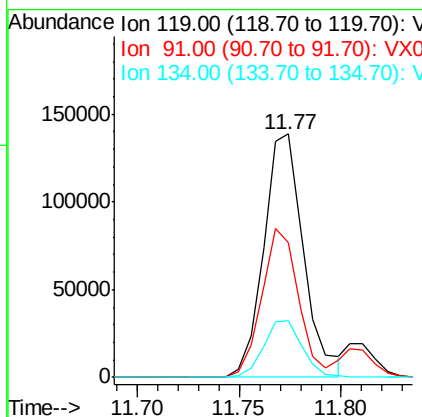
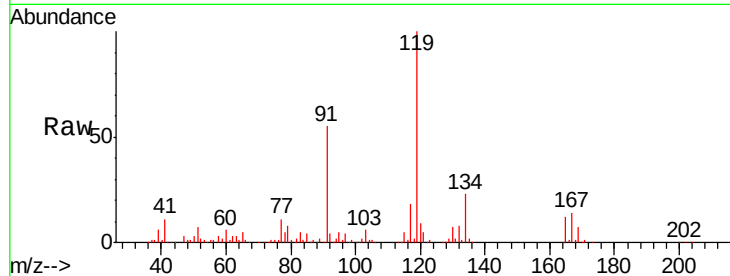
#83
 tert-Butylbenzene
 Concen: 21.58 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	188788		
91	56.2	27.5	82.5	
134	22.8	11.5	34.4	

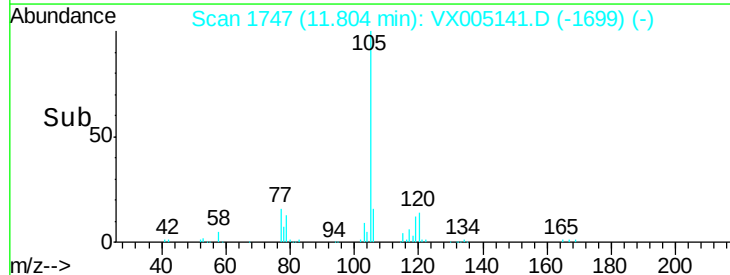
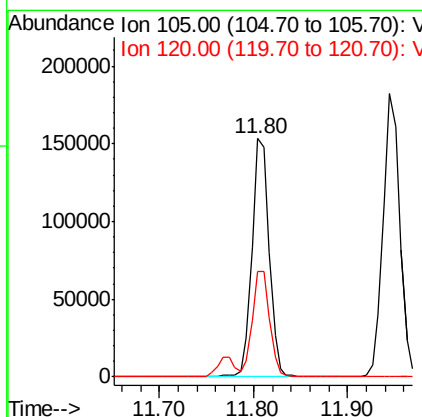
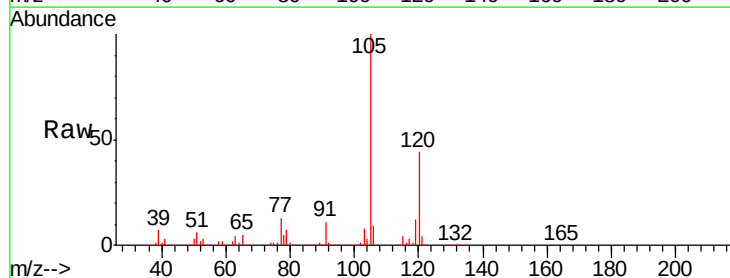
Manual Integrations
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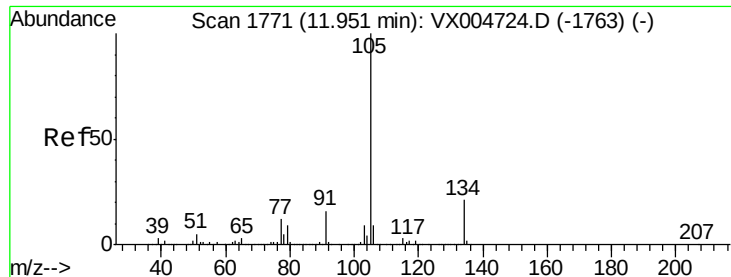
MMDadoda
 10/9/2018 1:47:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.34 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195486		
120	44.6	22.8	68.3	





#85

sec-Butylbenzene

Concen: 21.29 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tgt Ion:105 Resp: 226913

Ion Ratio Lower Upper

105 100

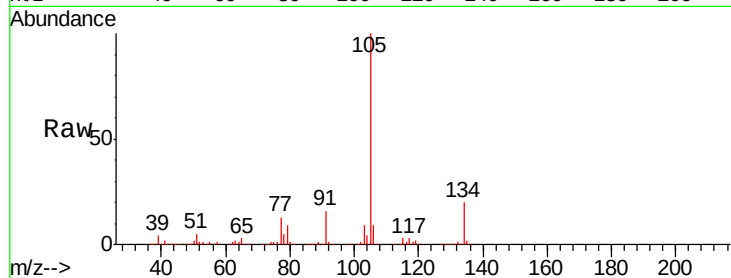
134 20.3 10.2 30.4

Manual Integrations

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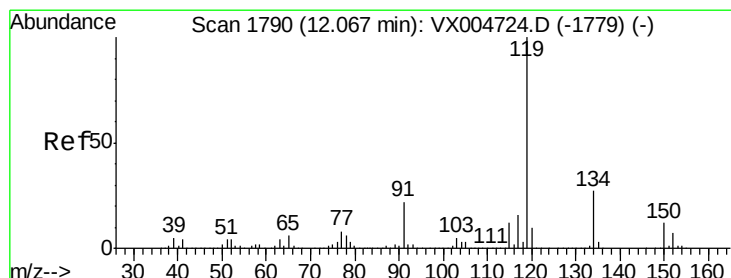
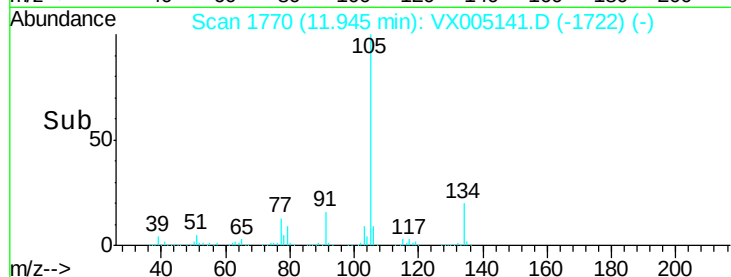
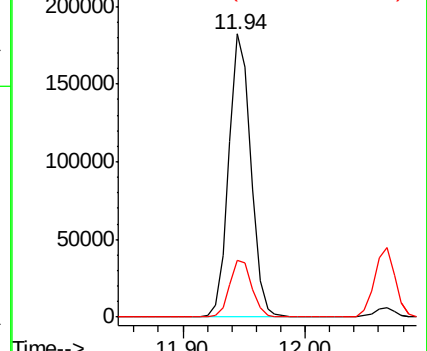
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.98 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

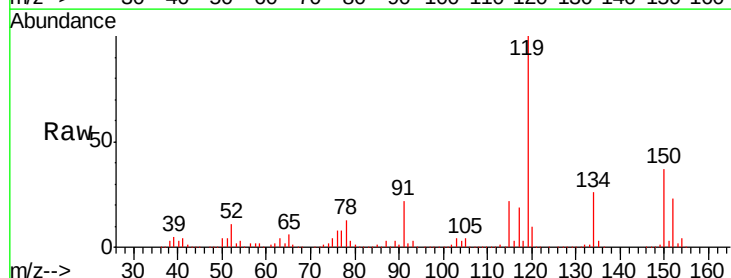
Tgt Ion:119 Resp: 202584

Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.1

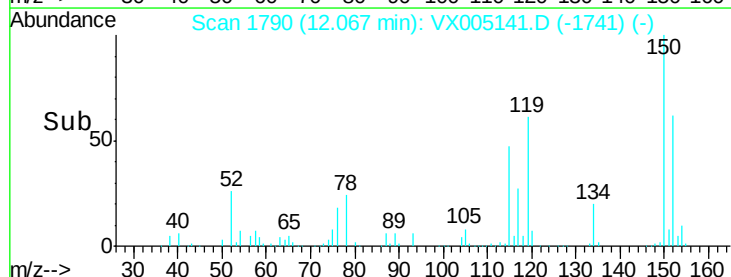
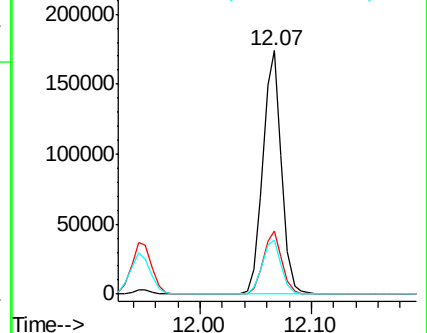
91 22.8 11.5 34.4

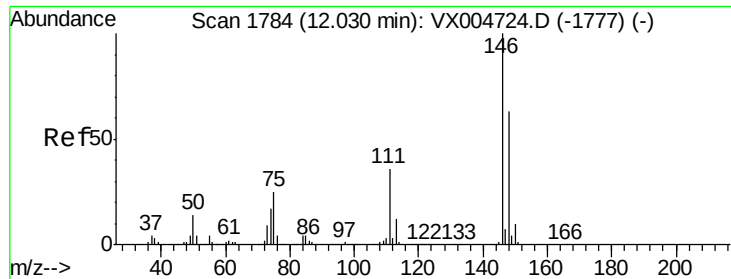


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





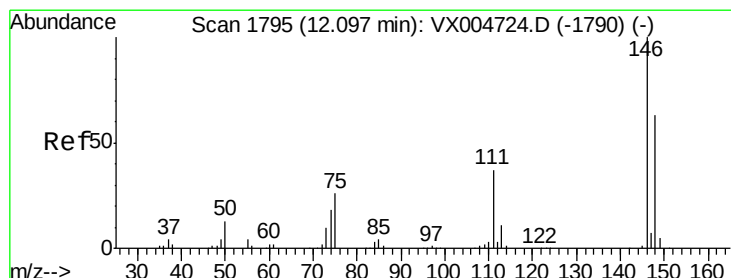
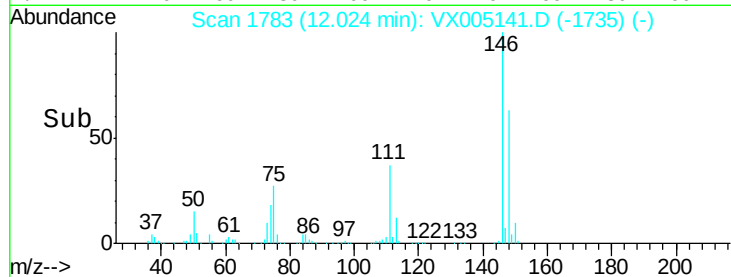
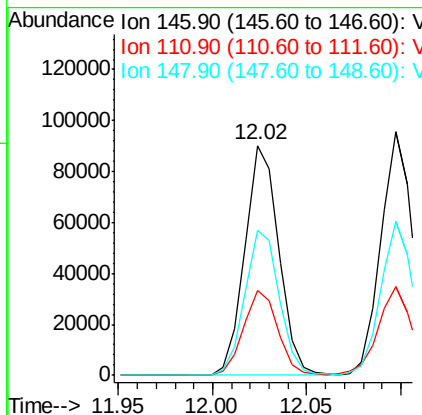
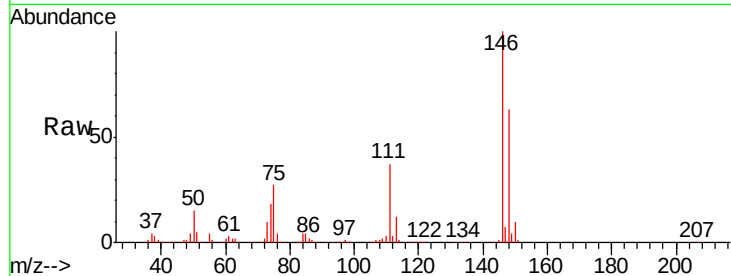
#87
 1,3-Dichlorobenzene
 Concen: 19.64 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113197		
111	37.5	18.9	56.9	
148	64.2	31.8	95.3	

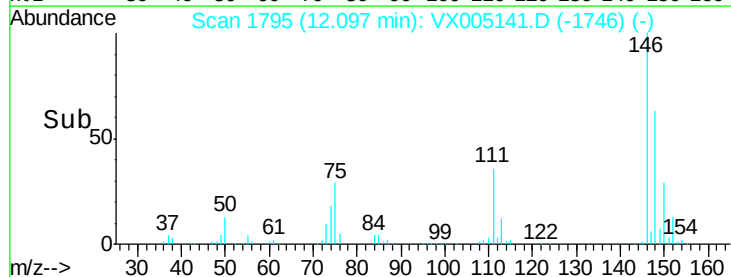
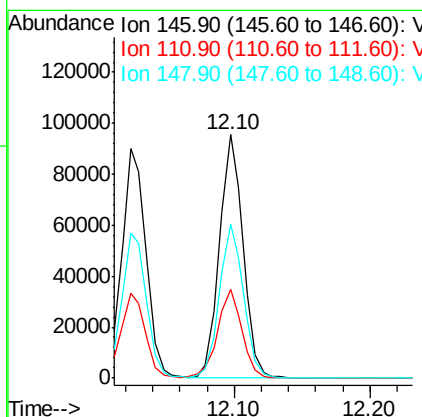
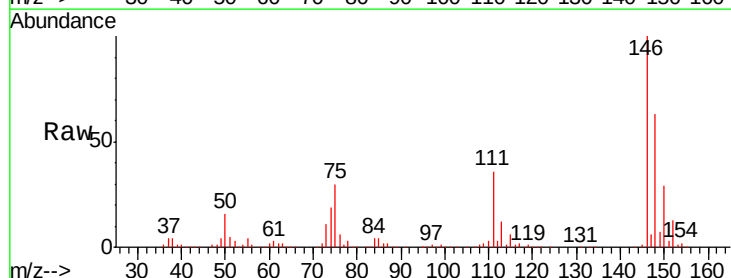
Manual Integrations
 APPROVED

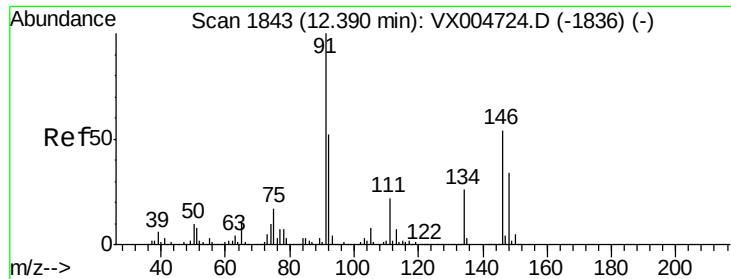
MMDadoda
 10/9/2018 1:47:53 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.30 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	114833		
111	37.7	18.4	55.2	
148	64.5	32.0	96.0	





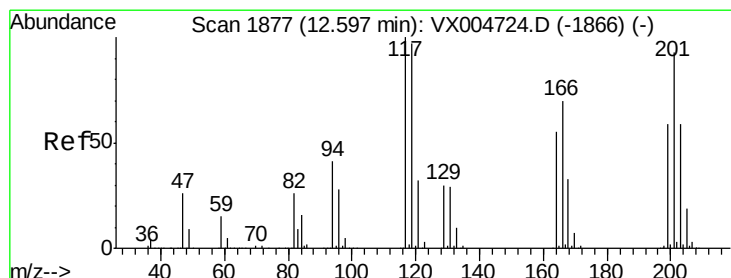
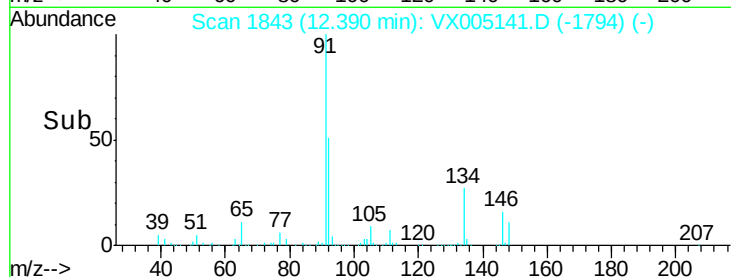
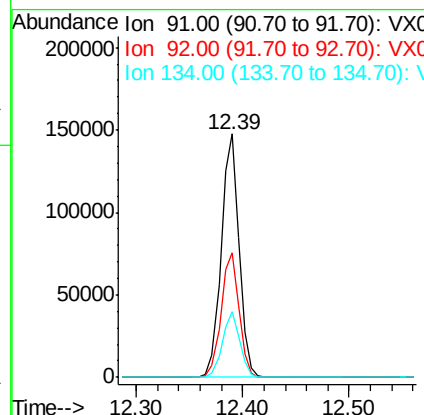
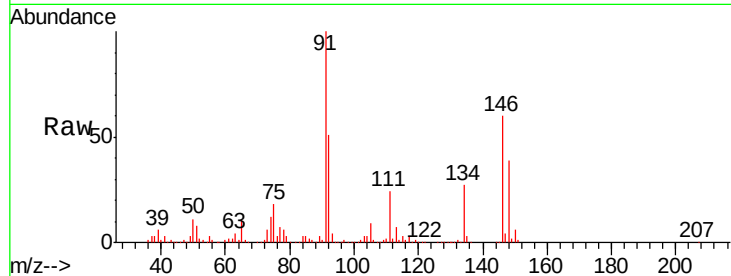
#89
n-Butylbenzene
Concen: 19.41 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	26.3	13.2	39.6

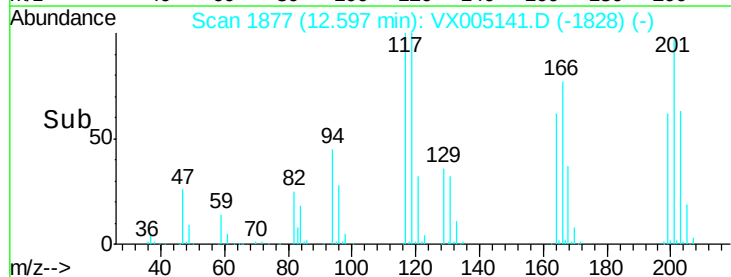
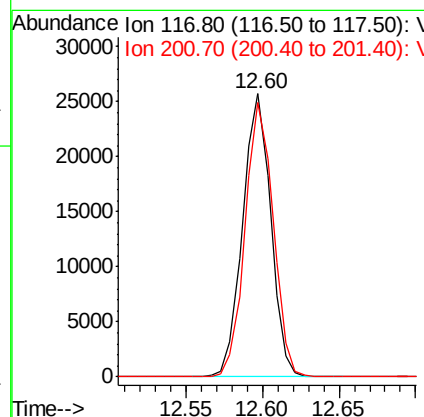
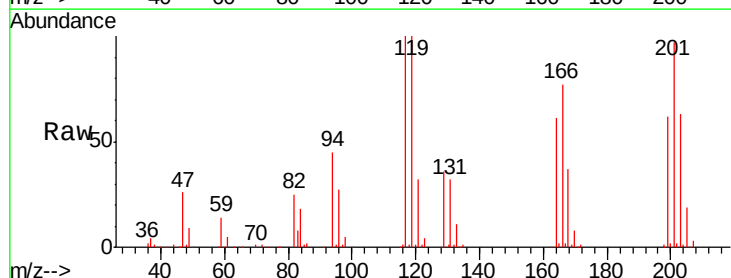
Manual Integrations
APPROVED

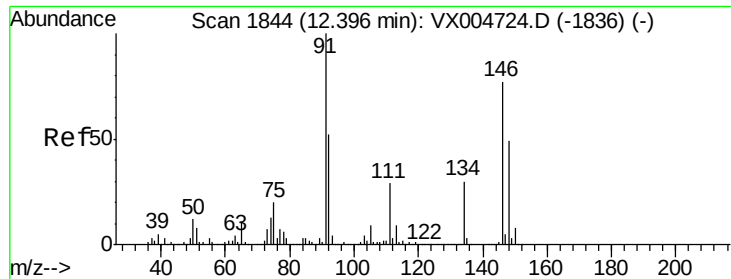
MMDadoda
10/9/2018 1:47:53 PM



#90
Hexachloroethane
Concen: 20.36 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005141.D
Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.1	48.4	145.0





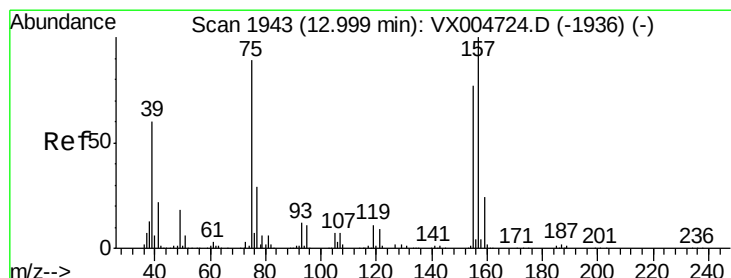
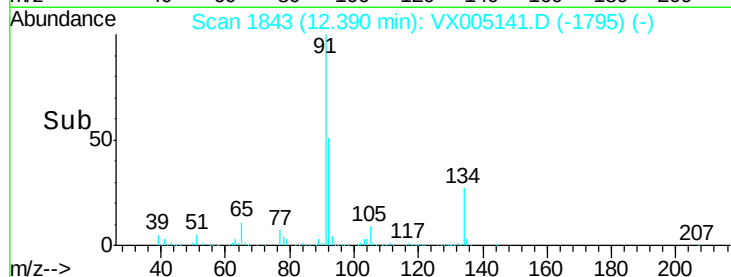
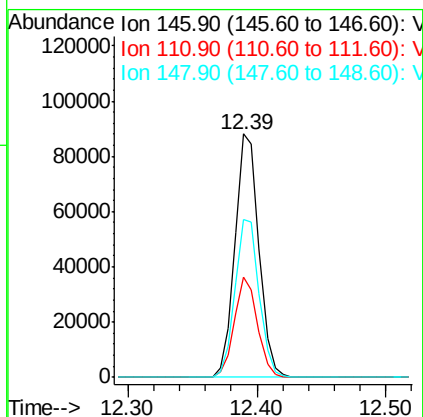
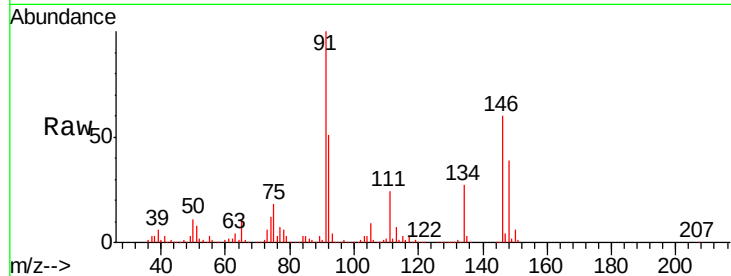
#91
 1,2-Dichlorobenzene
 Concen: 18.99 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	65.3	31.8	95.4

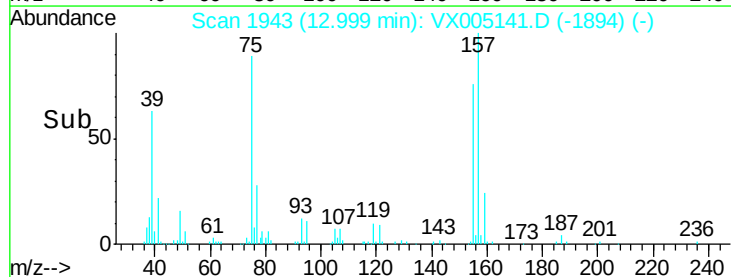
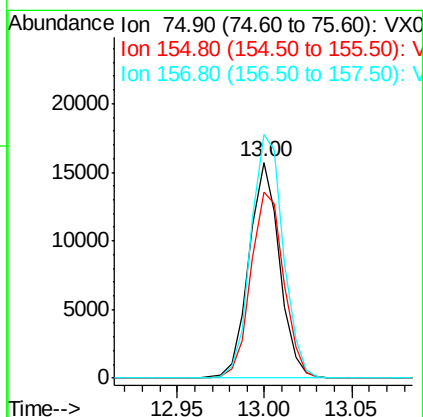
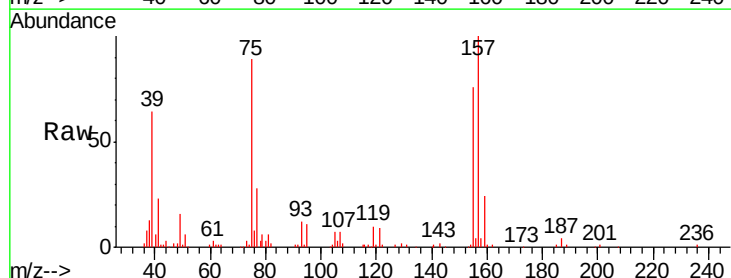
Manual Integrations
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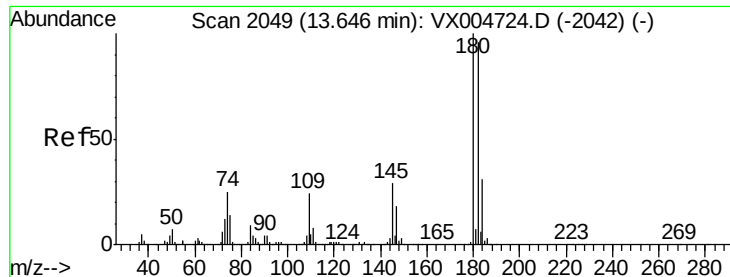
MMDadoda
 10/9/2018 1:47:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.11 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	46.1	138.3
157	119.5	60.2	180.6





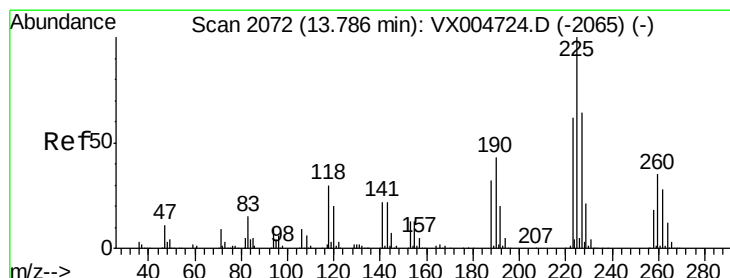
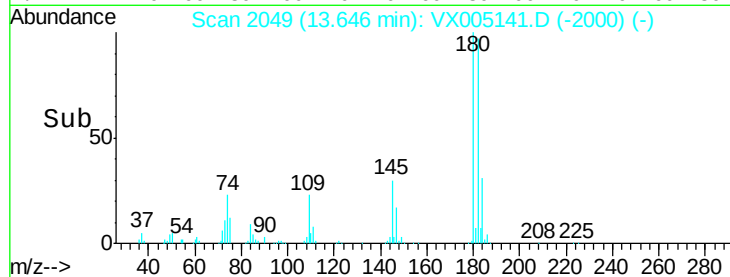
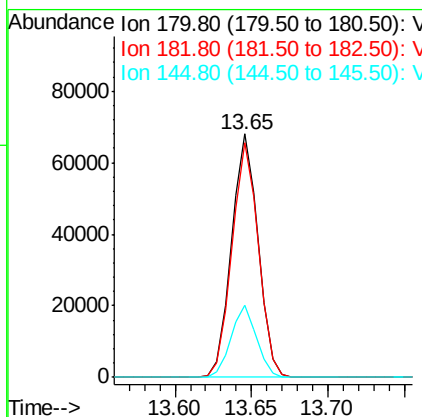
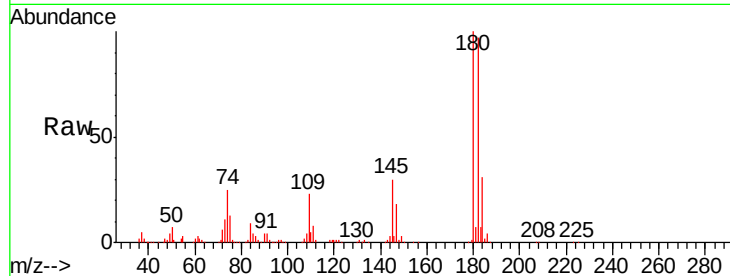
#93
 1,2,4-Trichlorobenzene
 Concen: 19.30 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81517		
182	96.1	47.8	143.4	
145	28.6	14.1	42.4	

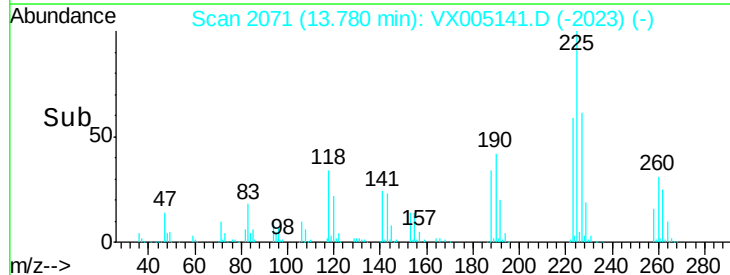
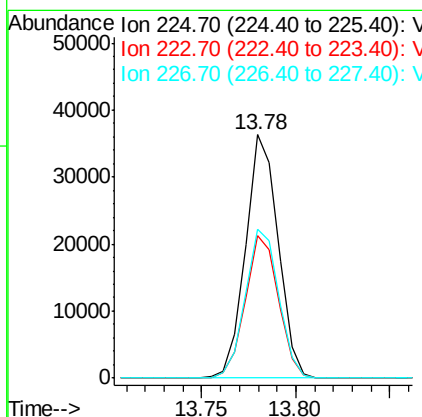
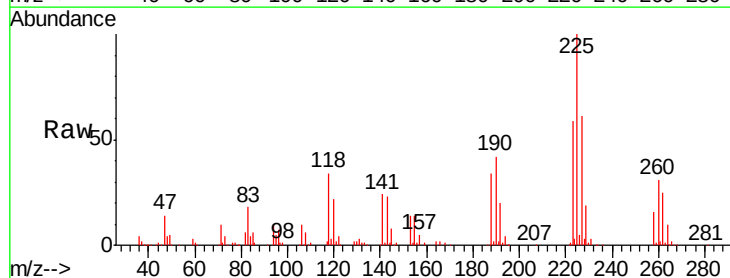
Manual Integrations
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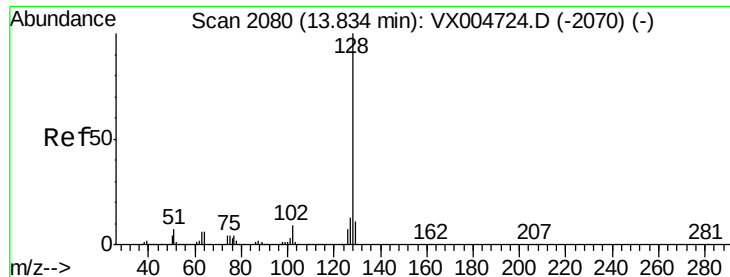
MMDadoda
 10/9/2018 1:47:53 PM



#94
 Hexachlorobutadiene
 Concen: 19.89 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005141.D
 Acq: 08 Oct 2018 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43566		
223	59.9	31.3	93.8	
227	62.7	31.9	95.5	





#95

Naphthalene

Concen: 18.76 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Instrument :

MSVOA_X

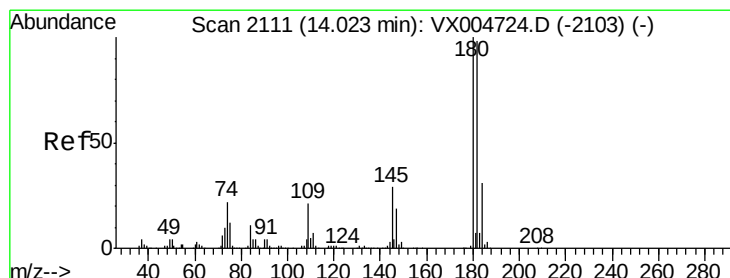
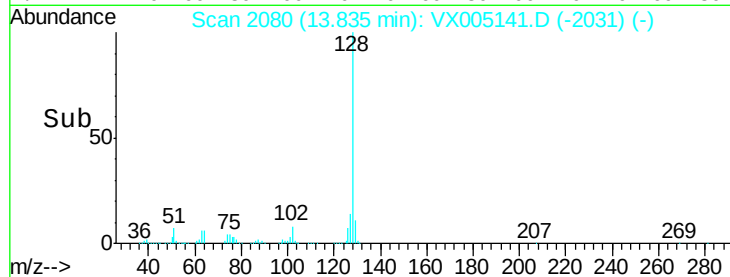
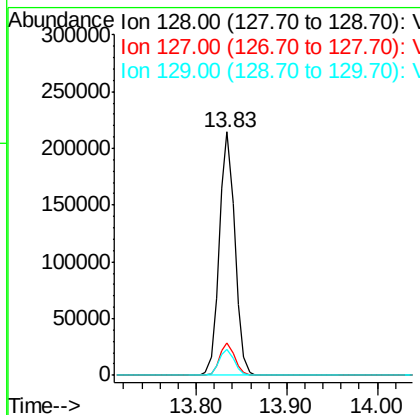
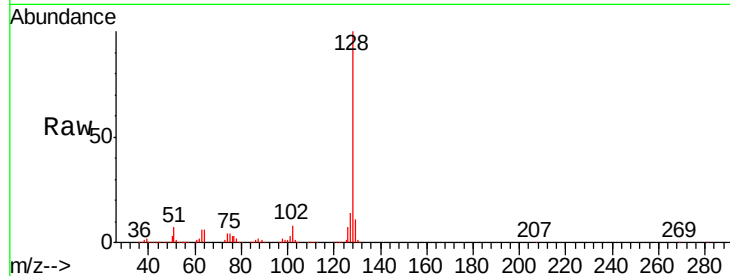
ClientSampleId :

VX1008WBS02

Tgt Ion:	128	Resp:	256626
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/9/2018 1:47:53 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.80 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005141.D

Acq: 08 Oct 2018 22:16

Tgt Ion:	180	Resp:	86396
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.9	143.8
145	30.0	15.0	45.0

