

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110818\
 Data File : VX005844.D
 Acq On : 08 Nov 2018 14:09
 Operator : JC/MD
 Sample : VX1108WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 11:37:10 AM

Quant Time: Nov 08 14:47:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	112499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73496	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	70814	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	5.50	113	57757	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
50) Toluene-d8	8.71	98	187197	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.14	95	66620	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21263	20.963	ug/l	94
3) Chloromethane	1.32	50	28512	21.419	ug/l	93
4) Vinyl Chloride	1.40	62	27399	20.503	ug/l	95
5) Bromomethane	1.64	94	14929	18.255	ug/l	90
6) Chloroethane	1.73	64	16456	20.638	ug/l	95
7) Trichlorofluoromethane	1.93	101	36343	20.488	ug/l	98
8) Diethyl Ether	2.19	74	14548	20.930	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	21794	21.363	ug/l	98
10) Methyl Iodide	2.51	142	17539	14.185	ug/l	99
11) Tert butyl alcohol	3.07	59	33462	90.318	ug/l	98
12) 1,1-Dichloroethene	2.37	96	20568	20.685	ug/l #	83
13) Acrolein	2.29	56	16056	103.086	ug/l	96
14) Allyl chloride	2.73	41	46811	21.078	ug/l	97
15) Acrylonitrile	3.15	53	77767	101.285	ug/l	98
16) Acetone	2.44	43	74519	107.013	ug/l	93
17) Carbon Disulfide	2.57	76	61502	20.736	ug/l	99
18) Methyl Acetate	2.78	43	39001	20.010	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	73178	21.562	ug/l	97
20) Methylene Chloride	2.86	84	24084	21.055	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	21548	20.545	ug/l	99
22) Diisopropyl ether	3.87	45	78733	20.238	ug/l #	90
23) Vinyl Acetate	3.83	43	355686	106.631	ug/l	98
24) 1,1-Dichloroethane	3.69	63	43080	20.756	ug/l	98
25) 2-Butanone	4.70	43	114440	104.532	ug/l	93
26) 2,2-Dichloropropane	4.59	77	34627	22.743	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	24979	21.569	ug/l	98
28) Bromochloromethane	5.01	49	22413	24.162	ug/l	99
29) Tetrahydrofuran	5.15	42	71536	101.768	ug/l	99
30) Chloroform	5.21	83	42346	21.147	ug/l	86
31) Cyclohexane	5.58	56	37256	20.678	ug/l	85
32) 1,1,1-Trichloroethane	5.49	97	35433	21.214	ug/l	99
36) 1,1-Dichloropropene	5.80	75	31239	19.547	ug/l	99
37) Ethyl Acetate	4.85	43	40382	19.215	ug/l	100
38) Carbon Tetrachloride	5.78	117	30474	19.048	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31605	19.512	ug/l	98
40) Benzene	6.14	78	95750	20.552	ug/l	96
41) Methacrylonitrile	5.06	41	22228	19.574	ug/l	97
42) 1,2-Dichloroethane	6.20	62	33393	20.012	ug/l	100
43) Isopropyl Acetate	6.46	43	58201	19.113	ug/l	98
44) Trichloroethene	7.21	130	22203	18.766	ug/l	94
45) 1,2-Dichloropropane	7.52	63	21308	18.843	ug/l	98
46) Dibromomethane	7.66	93	13715	19.328	ug/l	98
47) Bromodichloromethane	7.90	83	26134	19.488	ug/l	99
48) Methyl methacrylate	7.77	41	25834	18.894	ug/l	99
49) 1,4-Dioxane	7.74	88	10139	344.113	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	177407	92.439	ug/l	99
52) Toluene	8.79	92	47964	18.421	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	28590	18.066	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	31388	19.460	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	21234	18.298	ug/l	92
56) Ethyl methacrylate	9.18	69	30576	17.610	ug/l	96
57) 1,3-Dichloropropane	9.37	76	35620	18.266	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	86830	97.014	ug/l	99
59) 2-Hexanone	9.49	43	163846	96.854	ug/l	97
60) Dibromochloromethane	9.59	129	24122	19.234	ug/l	97
61) 1,2-Dibromoethane	9.68	107	24317	18.951	ug/l	96
64) Tetrachloroethene	9.34	164	25335	20.500	ug/l	92
65) Chlorobenzene	10.14	112	58973	20.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	20959	20.731	ug/l	98
67) Ethyl Benzene	10.26	91	96654	20.728	ug/l	95
68) m/p-Xylenes	10.36	106	78118	43.920	ug/l	96
69) o-Xylene	10.70	106	32868	20.608	ug/l	98
70) Styrene	10.71	104	55503	21.096	ug/l	99
71) Bromoform	10.86	173	17004	20.064	ug/l #	97
73) Isopropylbenzene	11.02	105	92603	21.788	ug/l	100
74) N-amyl acetate	10.90	43	43960	19.223	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	31578	20.242	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	31519m	21.061	ug/l	
77) Bromobenzene	11.26	156	24785	20.689	ug/l	99
78) n-propylbenzene	11.36	91	106920	21.346	ug/l	99
79) 2-Chlorotoluene	11.42	91	64649	21.353	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78160	21.640	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	9434	20.091	ug/l	98
82) 4-Chlorotoluene	11.51	91	75923	21.278	ug/l	100
83) tert-Butylbenzene	11.77	119	75804	20.746	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	81183	20.296	ug/l	99
85) sec-Butylbenzene	11.94	105	92807	20.770	ug/l	100
86) p-Isopropyltoluene	12.07	119	83071	20.989	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	45712	19.883	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	46219	19.638	ug/l	99
89) n-Butylbenzene	12.39	91	72957	19.889	ug/l	99
90) Hexachloroethane	12.60	117	13676	20.696	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	45146	19.602	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7575	19.898	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	32831	20.249	ug/l	100
94) Hexachlorobutadiene	13.78	225	16773	19.694	ug/l	97
95) Naphthalene	13.83	128	98521	19.371	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	34254	20.737	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampled :

VX1108WBS02

Tot Ion:168 Resp: 112499

Ion Ratio Lower Upper

168 100

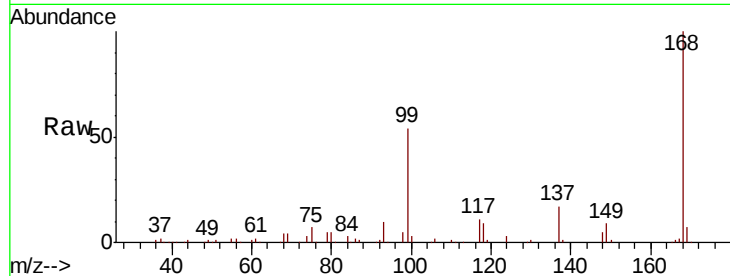
99 53.6 40.7 61.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

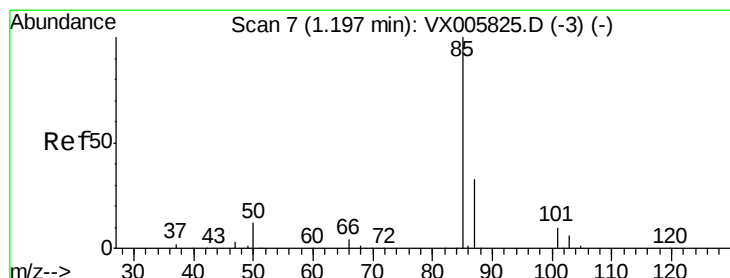
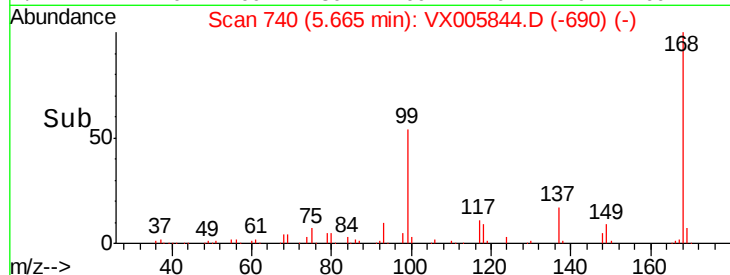
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.963 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005844.D

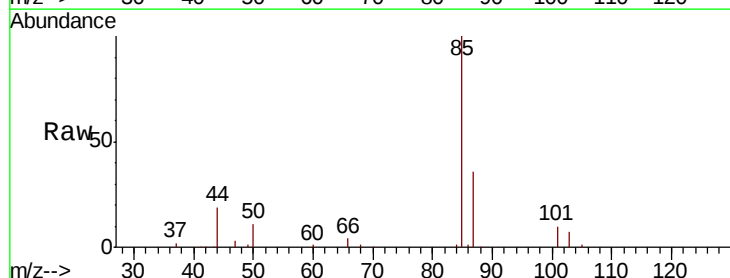
Acq: 08 Nov 2018 14:09

Tgt Ion: 85 Resp: 21263

Ion Ratio Lower Upper

85 100

87 36.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

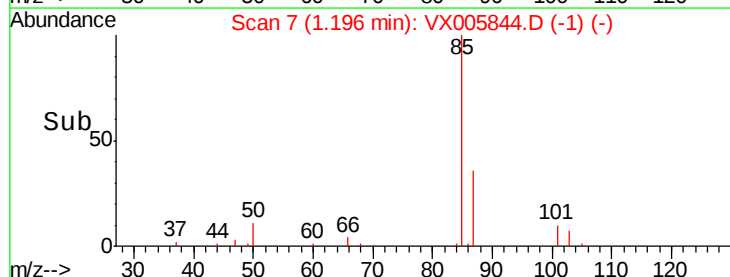
10000

5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 21.419 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion: 50 Resp: 28512

Ion Ratio Lower Upper

50 100

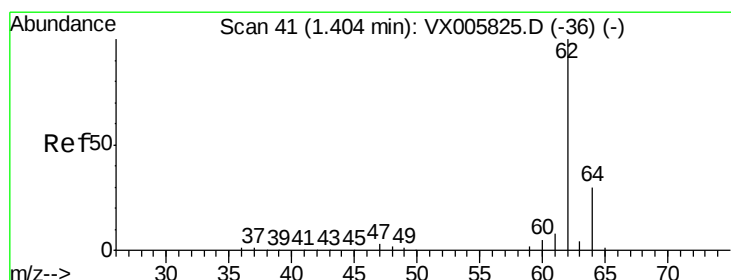
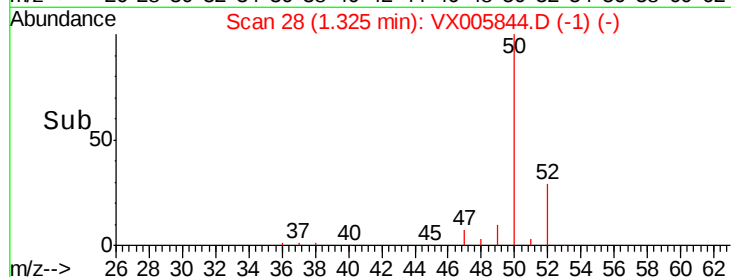
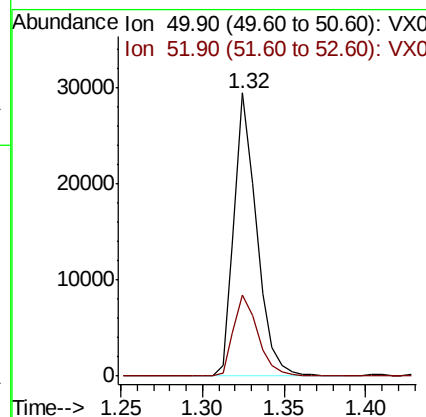
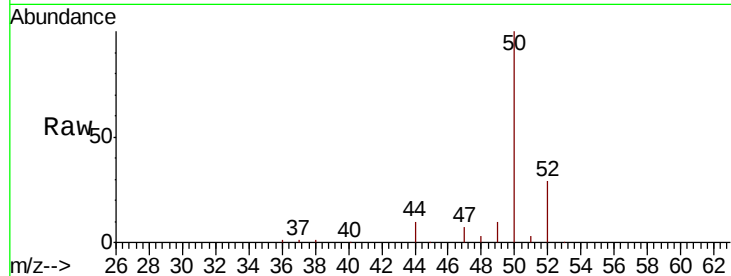
52 28.8 26.2 39.2

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#4

Vinyl Chloride

Concen: 20.503 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005844.D

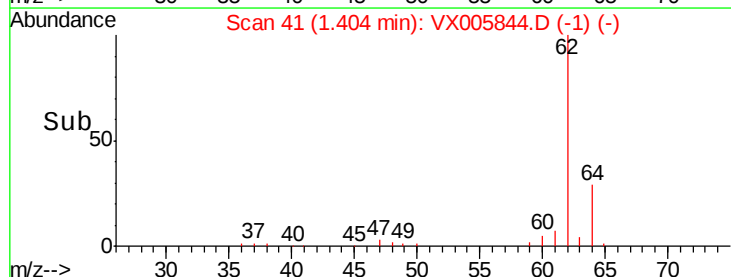
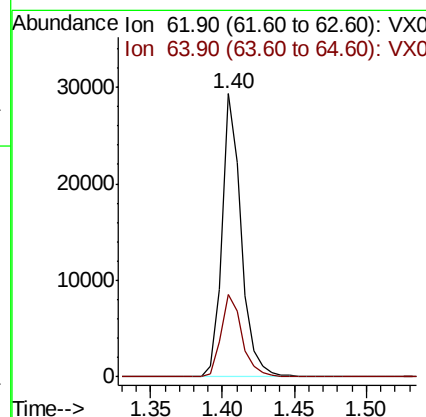
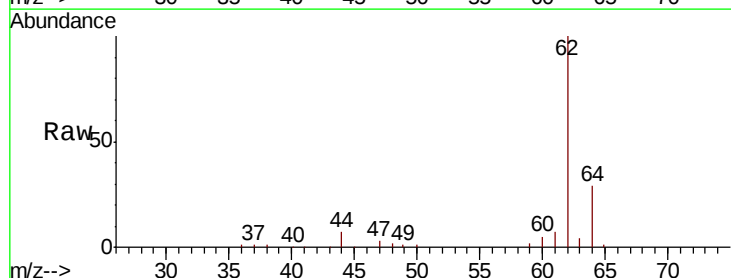
Acq: 08 Nov 2018 14:09

Tgt Ion: 62 Resp: 27399

Ion Ratio Lower Upper

62 100

64 28.9 25.3 37.9





#5

Bromomethane

Concen: 18.255 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion: 94 Resp: 14929

Ion Ratio Lower Upper

94 100

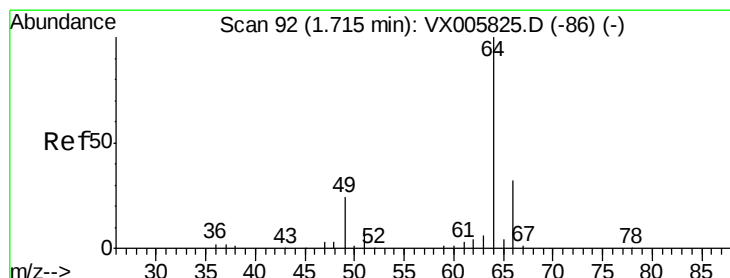
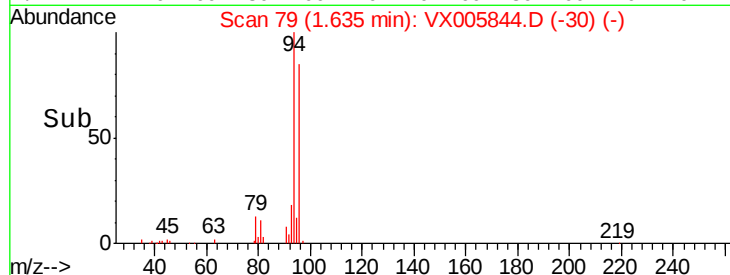
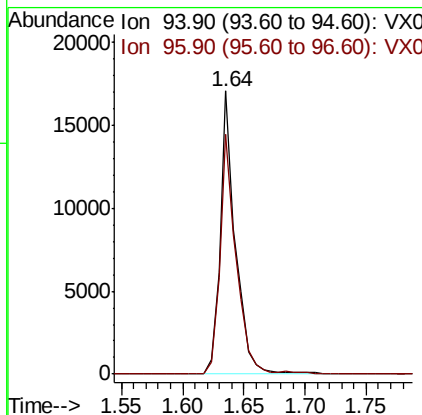
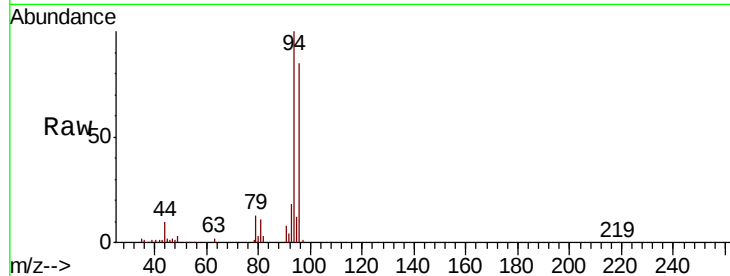
96 84.6 75.2 112.8

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#6

Chloroethane

Concen: 20.638 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX005844.D

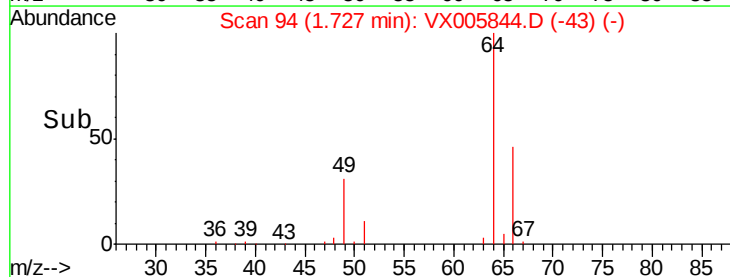
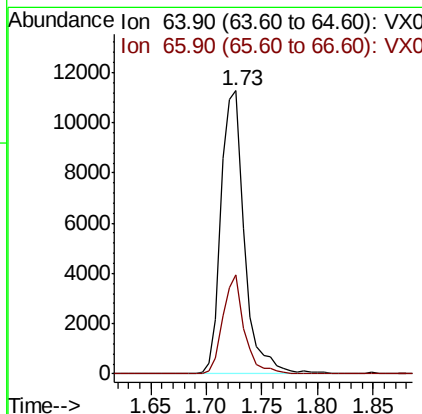
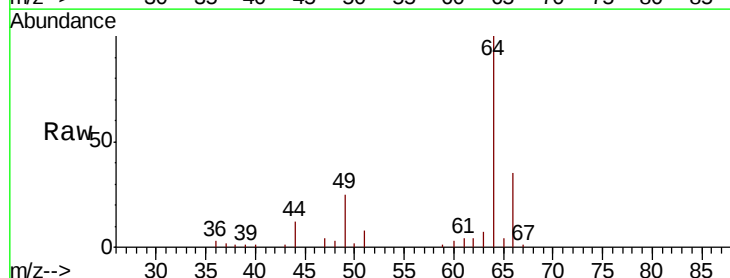
Acq: 08 Nov 2018 14:09

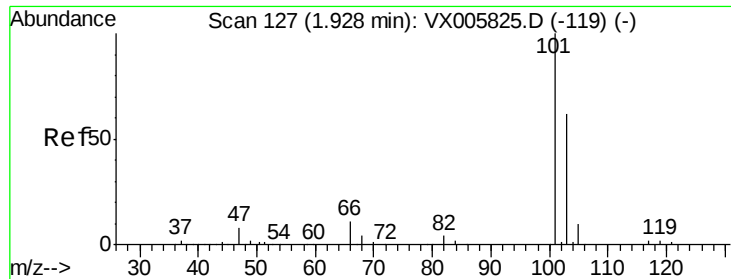
Tgt Ion: 64 Resp: 16456

Ion Ratio Lower Upper

64 100

66 35.1 25.8 38.6





#7

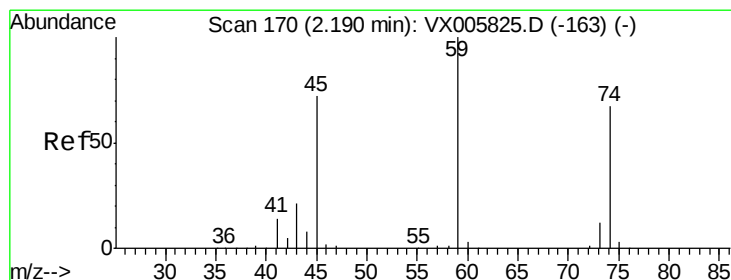
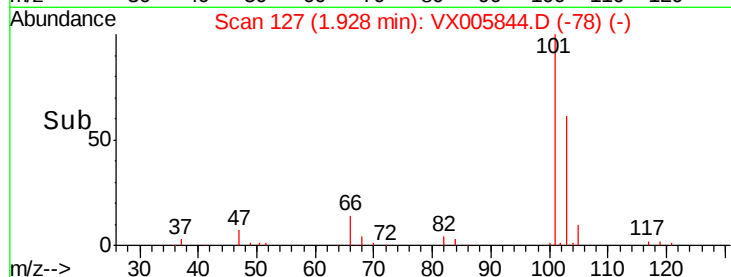
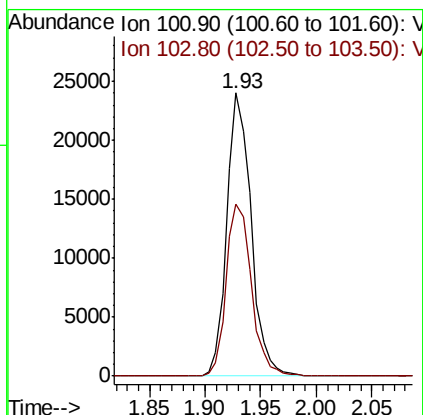
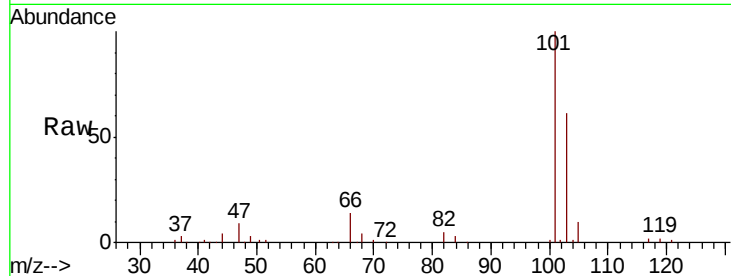
Trichlorofluoromethane
Concen: 20.488 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion:101 Resp: 36343
Ion Ratio Lower Upper
101 100
103 60.8 50.0 75.0

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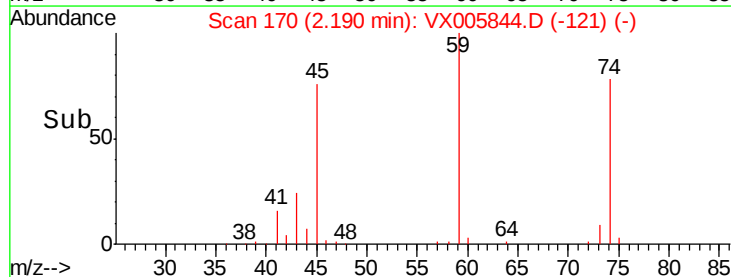
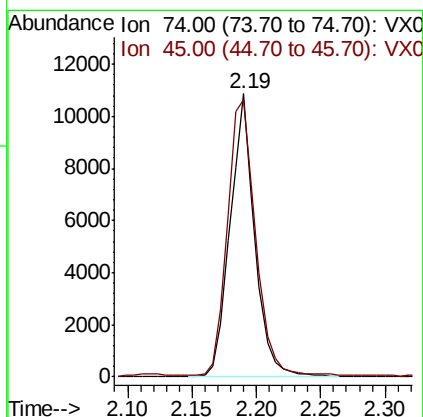
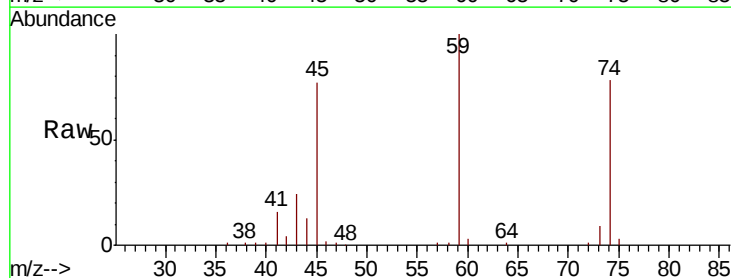
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11/9/2018 11:37:10 AM



#8

Diethyl Ether
Concen: 20.930 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion: 74 Resp: 14548
Ion Ratio Lower Upper
74 100
45 110.7 54.1 162.3





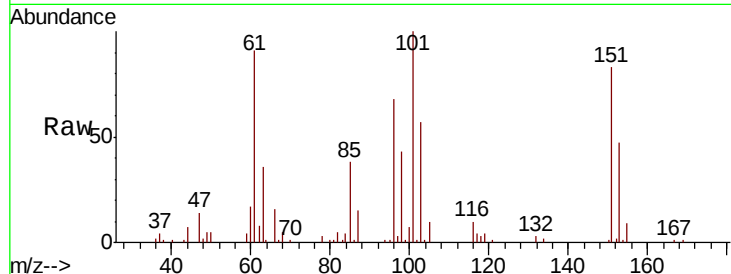
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.363 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	21794		
85	43.7	35.0	52.4	
151	80.2	66.2	99.2	

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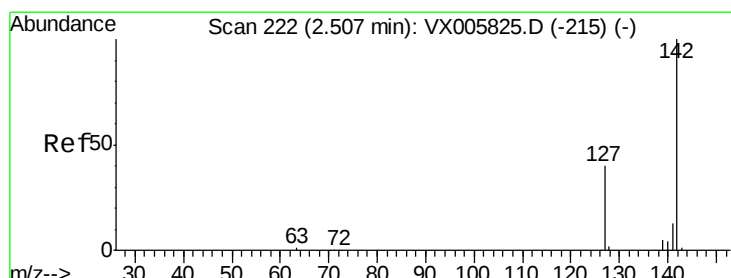
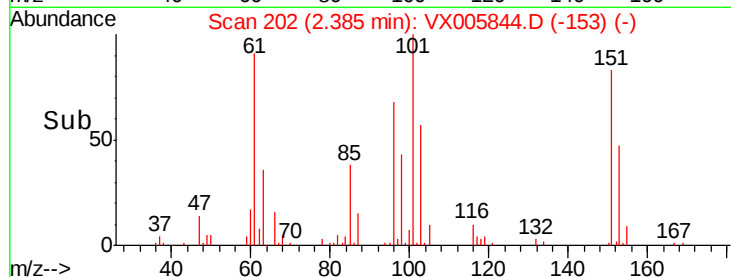
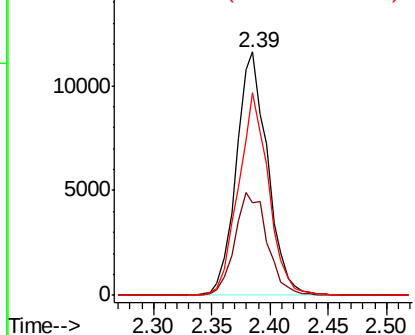


Abundance

Ion 100.90 (100.60 to 101.60): V

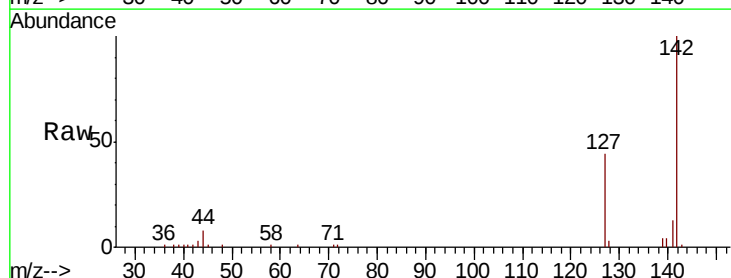
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 14.185 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
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Tgt Ion	Ratio	Resp	Lower	Upper
142	100	17539		
127	46.0	36.0	54.0	
141	14.5	11.7	17.5	

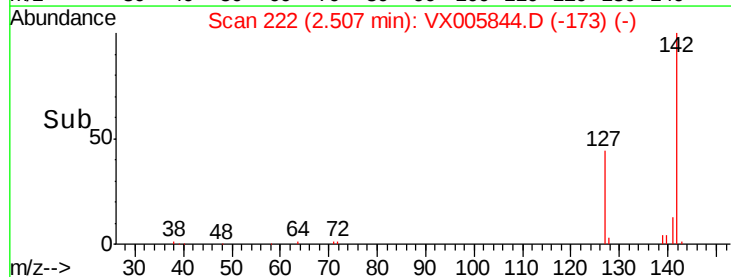
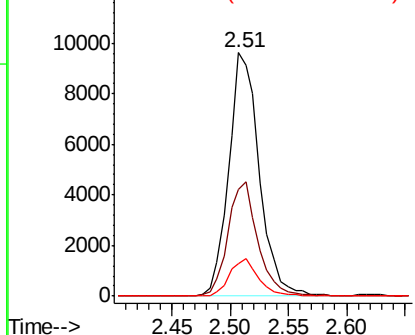


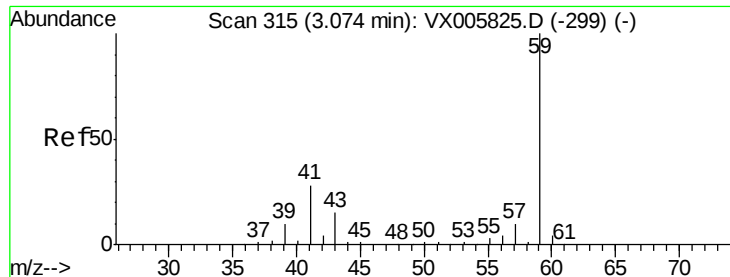
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





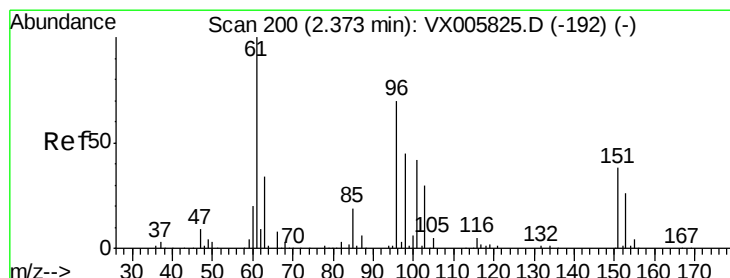
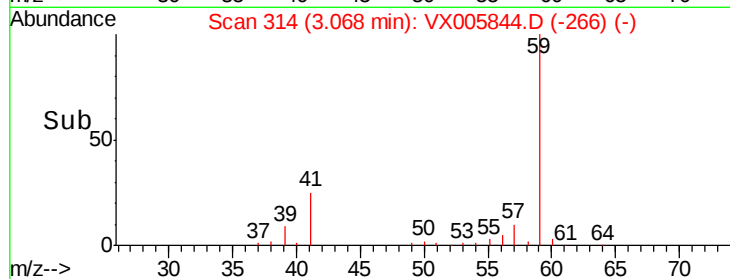
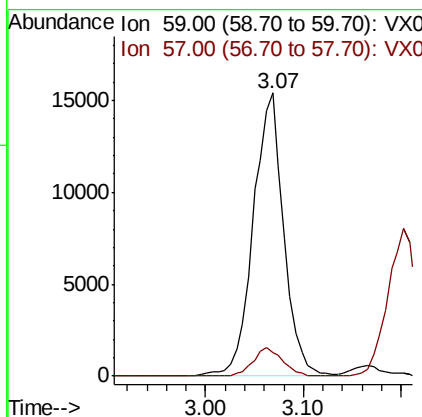
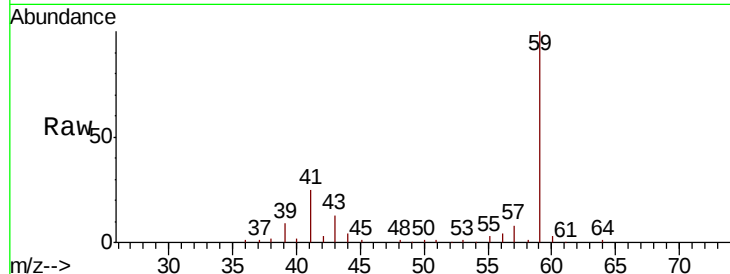
#11
Tert butyl alcohol
Concen: 90.318 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampled :
VX1108WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

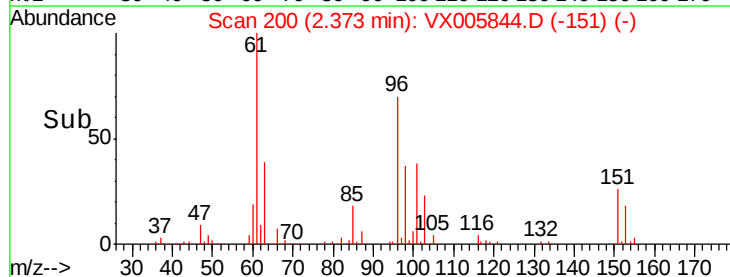
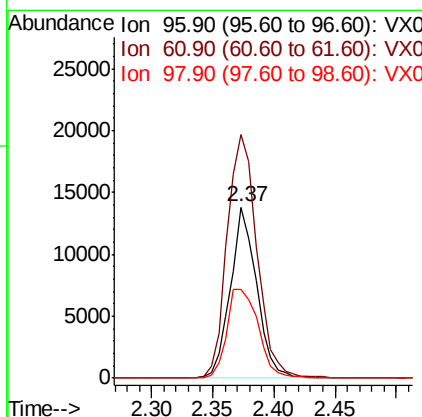
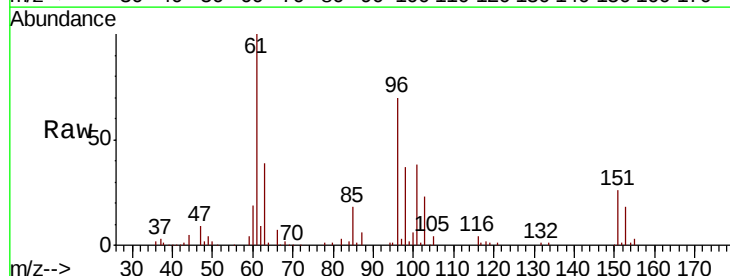
Manual Integrations
APPROVED

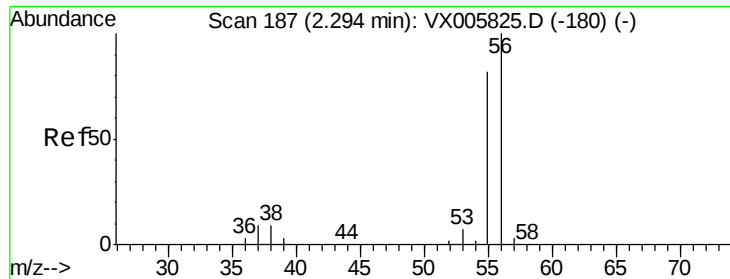
MMDadoda
11/9/2018 11:37:10 AM



#12
1,1-Dichloroethene
Concen: 20.685 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.5	131.8	197.8
98	52.3	53.4	80.2#





#13

Acrolein

Concen: 103.086 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion: 56 Resp: 16056

Ion Ratio Lower Upper

56 100

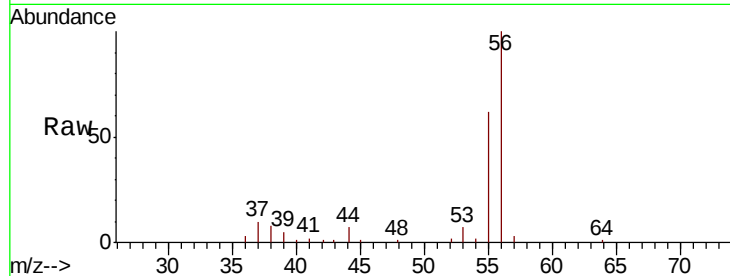
55 68.6 57.3 85.9

Manual Integrations

APPROVED

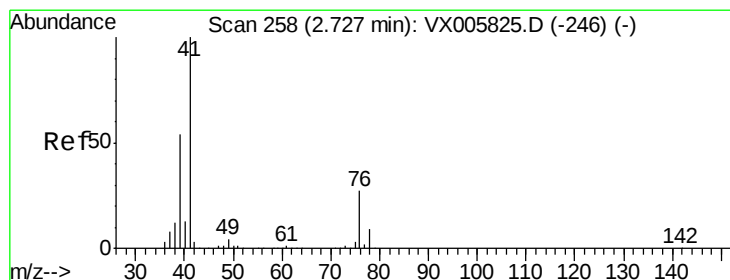
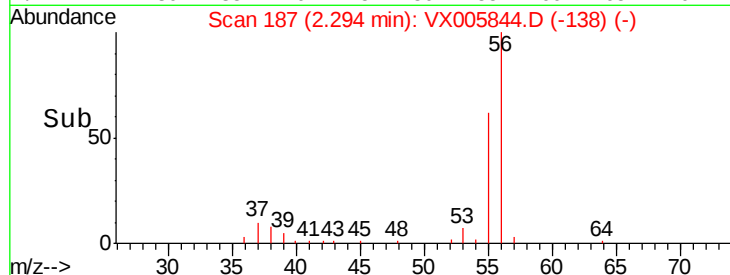
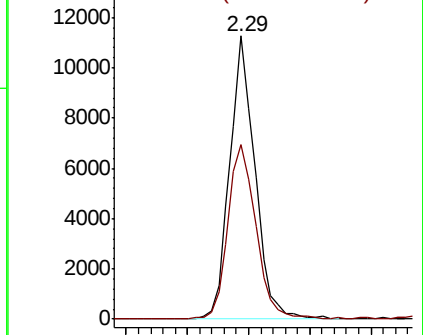
MMDadoda

11/9/2018 11:37:10 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 21.078 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

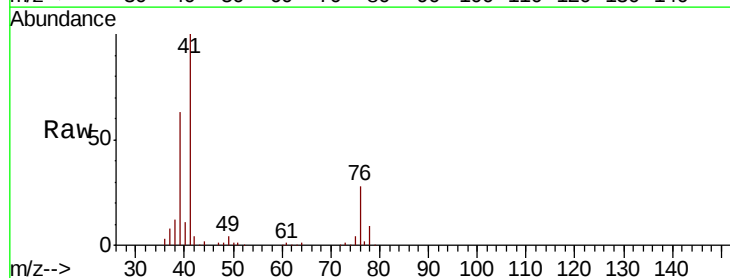
Tgt Ion: 41 Resp: 46811

Ion Ratio Lower Upper

41 100

39 58.3 48.2 72.4

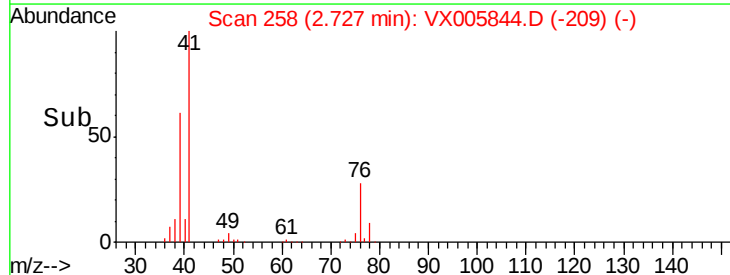
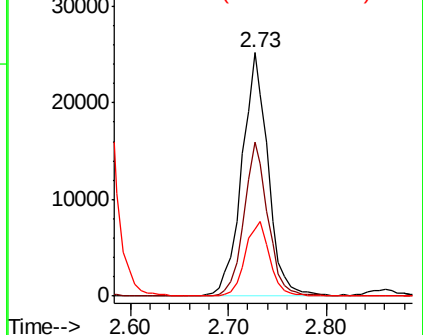
76 28.8 21.9 32.9

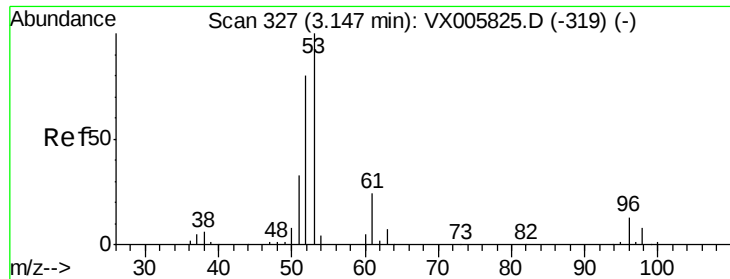


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 101.285 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

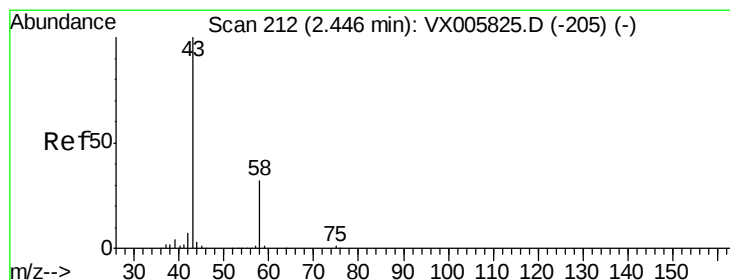
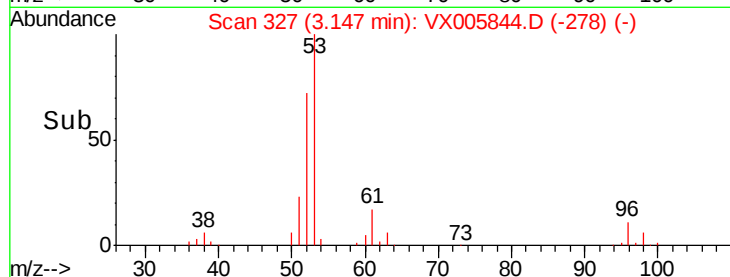
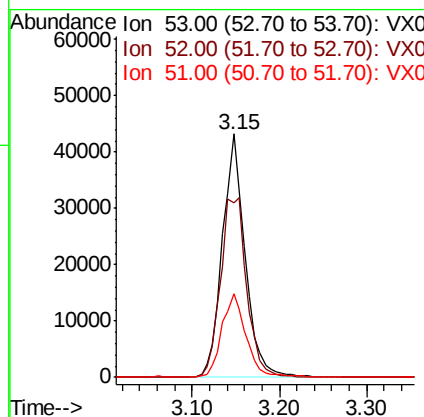
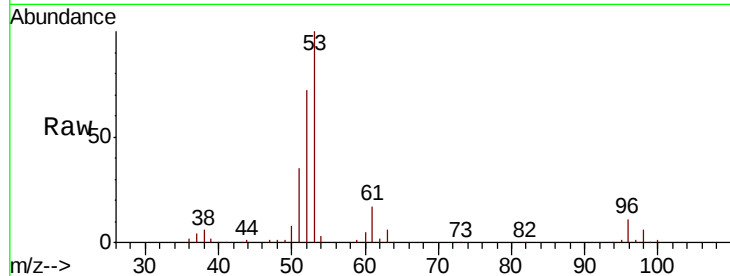
ClientSampleId :

VX1108WBS02

Tot Ion:	53	Resp:	77767
Ion Ratio	Lower	Upper	
53	100		
52	85.5	66.6	99.8
51	36.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 107.013 ug/l

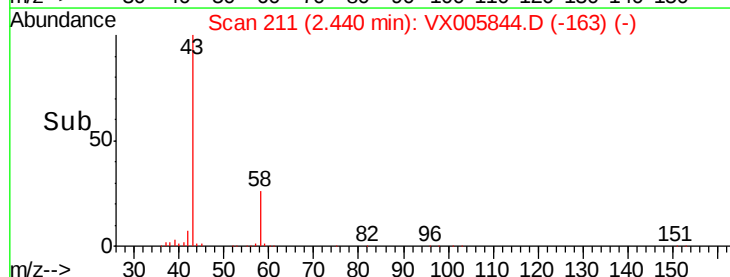
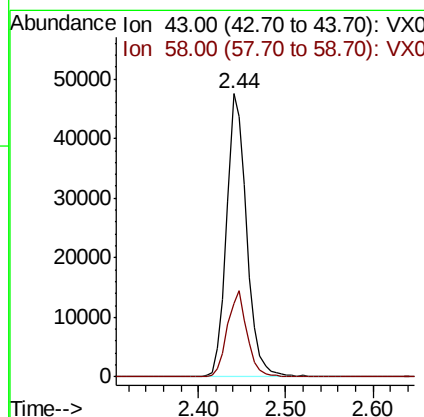
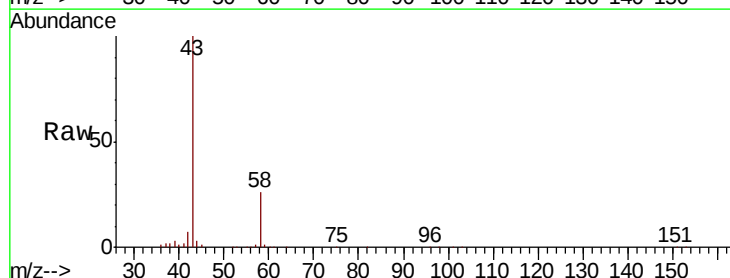
RT: 2.44 min Scan# 211

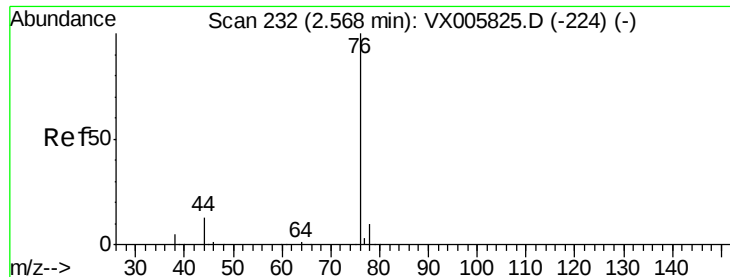
Delta R.T. -0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Tgt Ion:	43	Resp:	74519
Ion Ratio	Lower	Upper	
43	100		
58	26.0	23.8	35.6





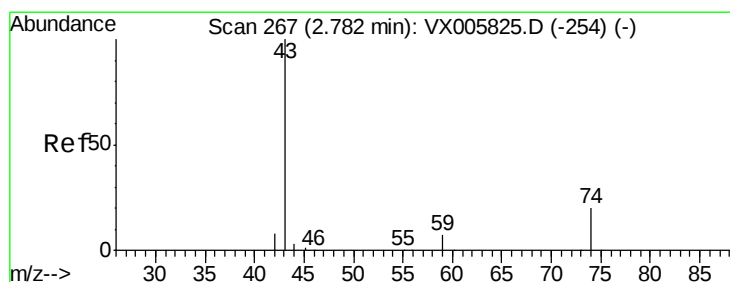
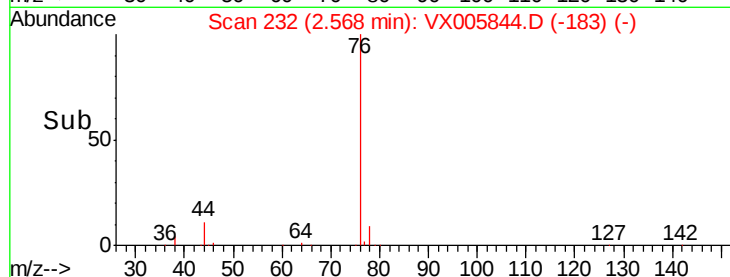
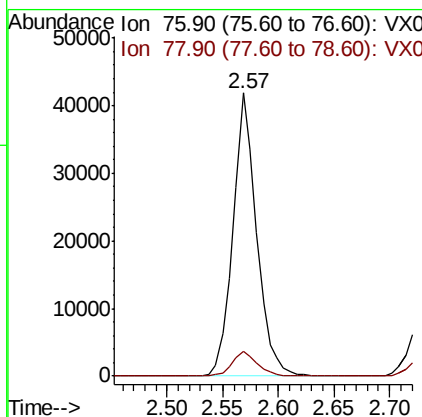
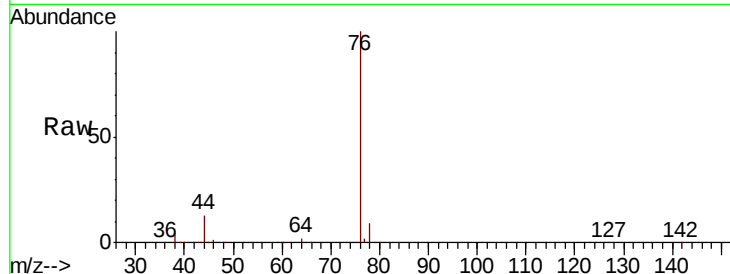
#17
Carbon Disulfide
Concen: 20.736 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

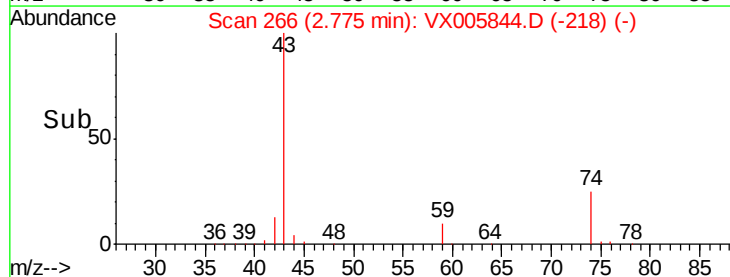
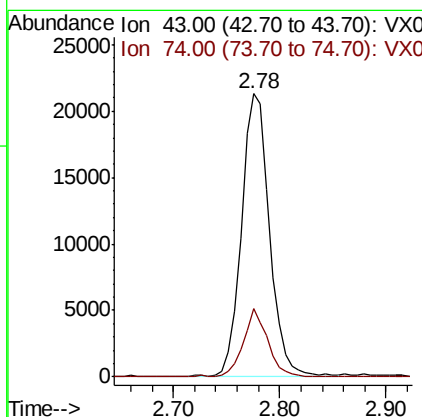
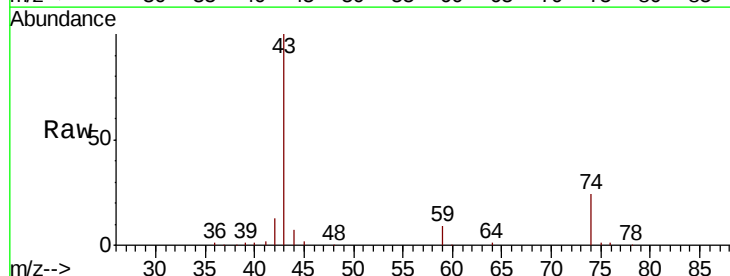
Manual Integrations
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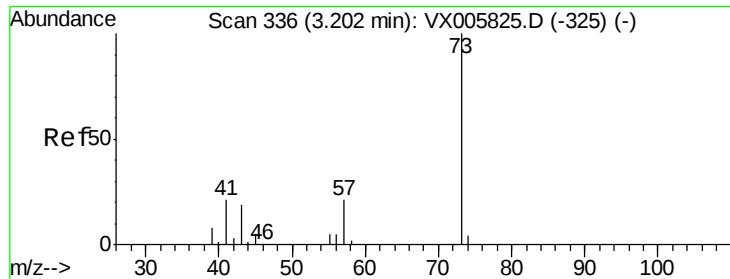
MMDadoda
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#18
Methyl Acetate
Concen: 20.010 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	16.8	25.2





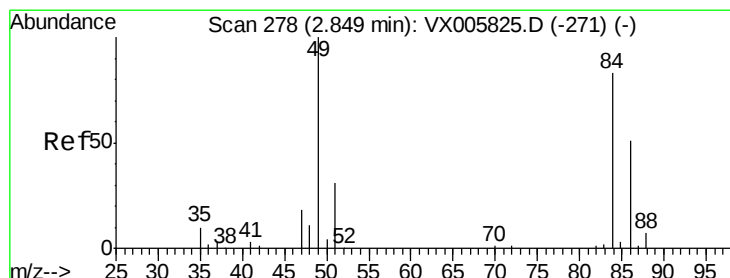
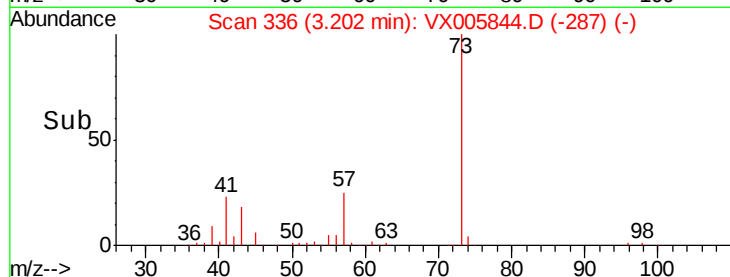
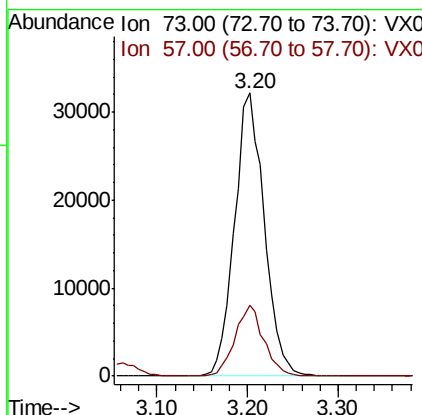
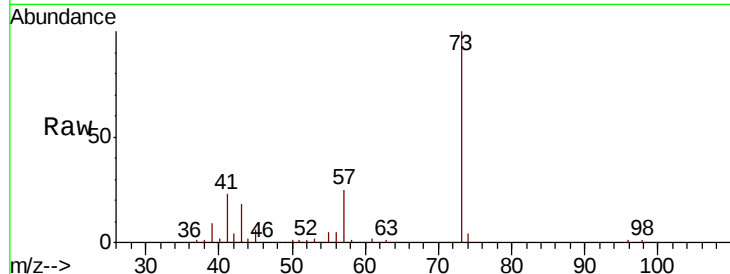
#19
Methvl tert-butvl Ether
Concen: 21.562 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion: 73 Resp: 73178
Ion Ratio Lower Upper
73 100
57 25.0 18.8 28.2

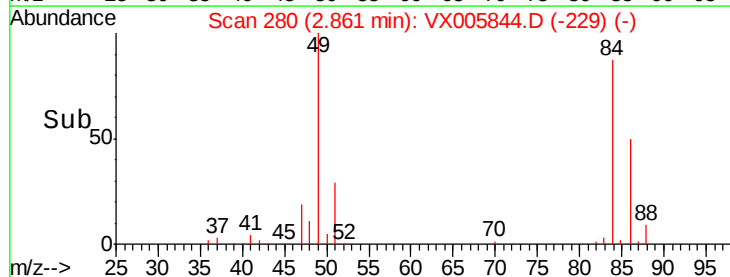
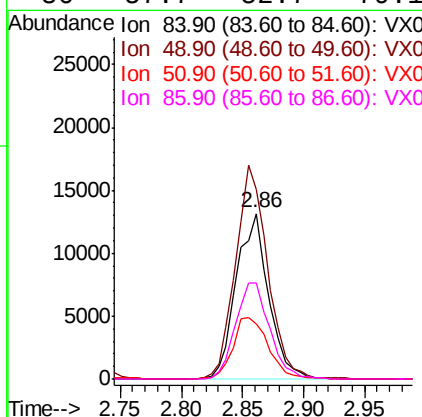
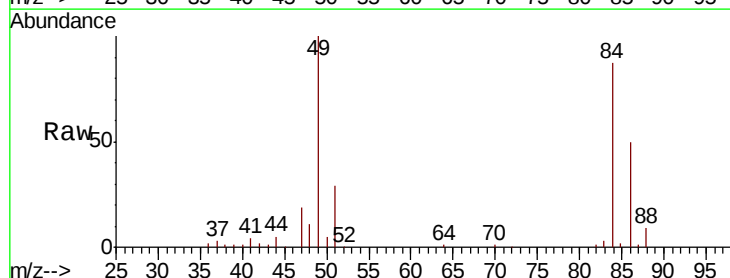
Manual Integrations
APPROVED

MMDadoda
11/9/2018 11:37:10 AM



#20
Methylene Chloride
Concen: 21.055 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion: 84 Resp: 24084
Ion Ratio Lower Upper
84 100
49 114.5 109.5 164.3
51 33.0 33.3 49.9#
86 57.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 20.545 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion: 96 Resp: 21548

Ion Ratio Lower Upper

96 100

61 145.1 115.6 173.4

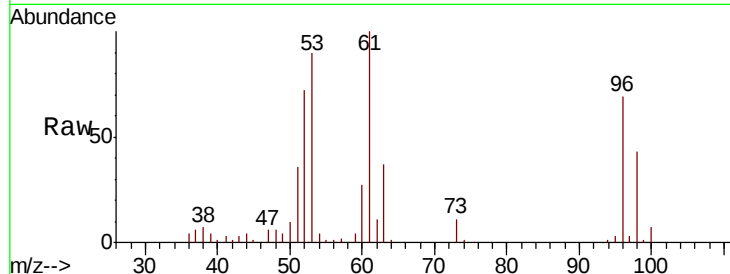
98 62.3 50.2 75.2

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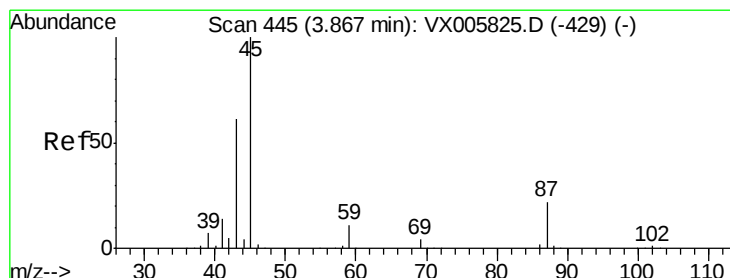
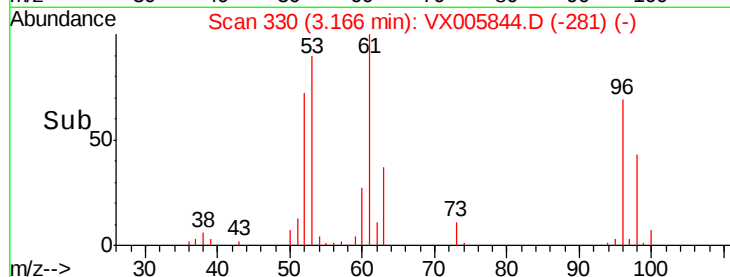
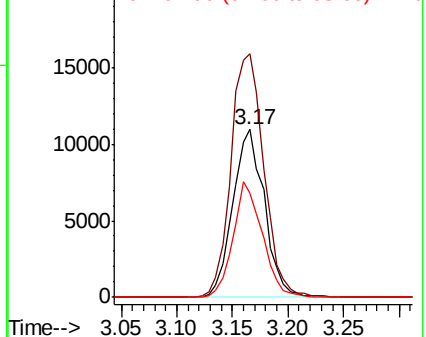


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.238 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Tgt Ion: 45 Resp: 78733

Ion Ratio Lower Upper

45 100

43 63.7 47.4 71.2

87 30.6 15.9 23.9#

59 11.7 7.7 11.5#

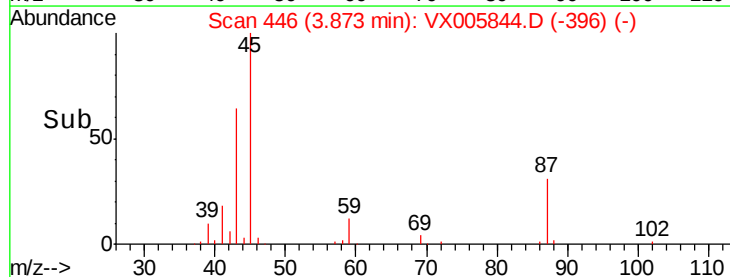
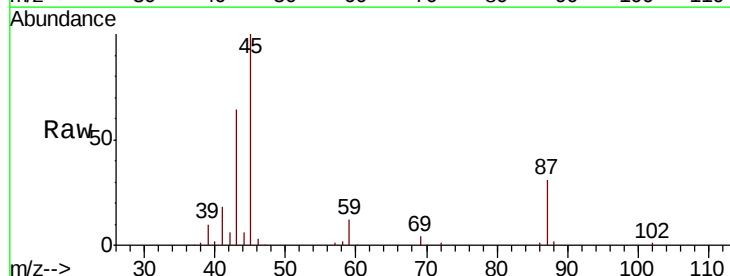
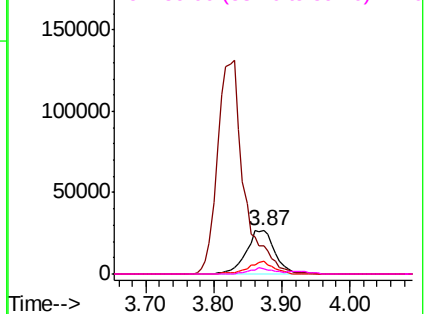
Abundance

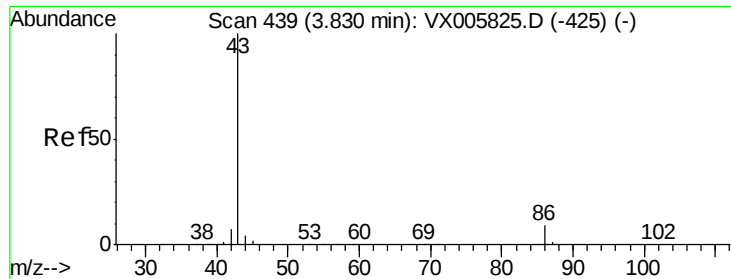
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 106.631 ug/l

RT: 3.83 min Scan# 439

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion: 43 Resp: 355686

Ion Ratio Lower Upper

43 100

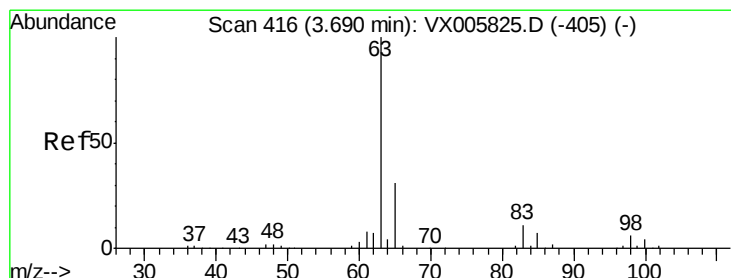
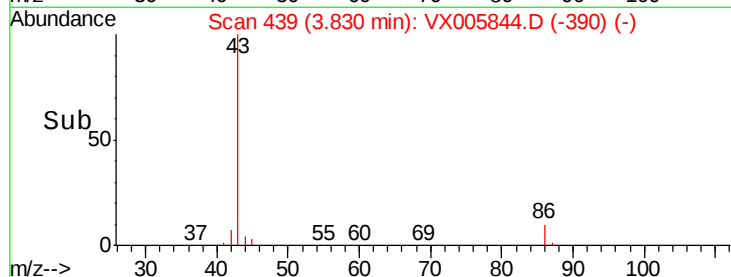
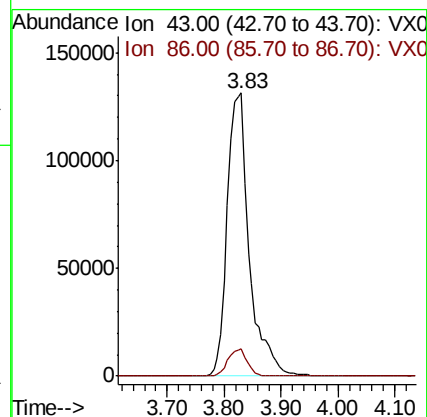
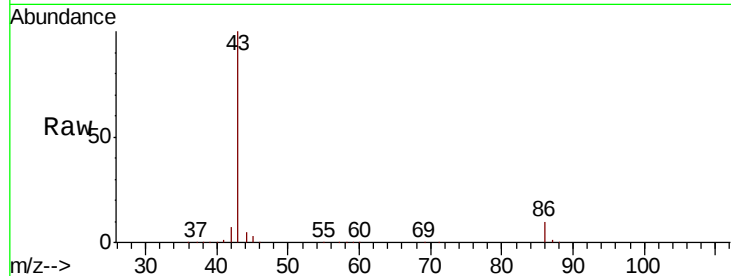
86 9.9 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.756 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

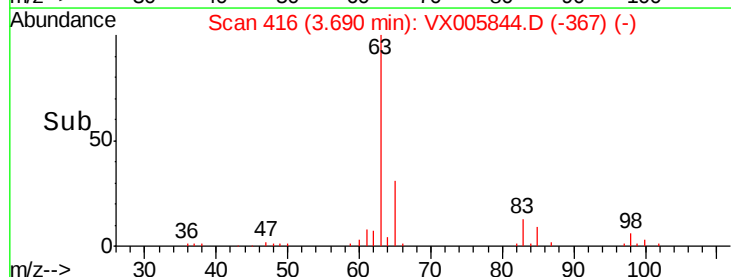
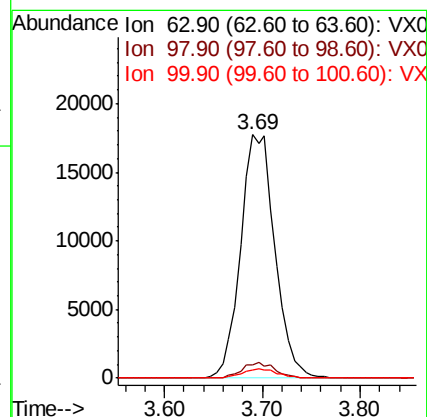
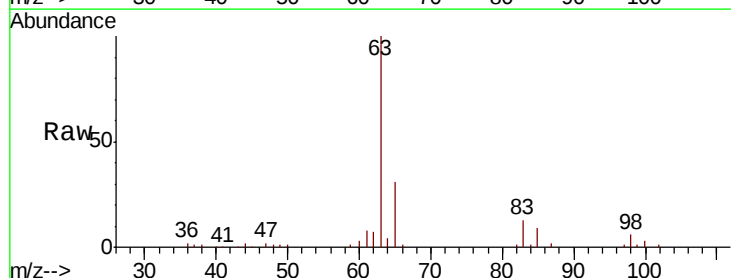
Tgt Ion: 63 Resp: 43080

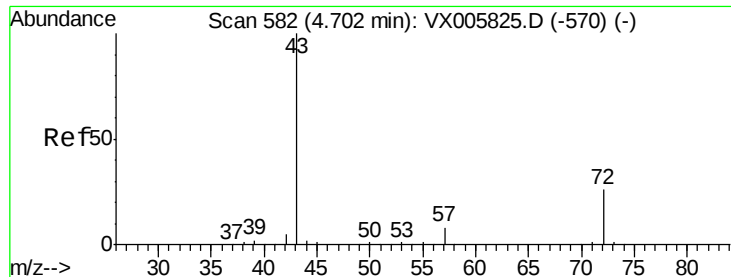
Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

100 3.4 2.1 6.2





#25

2-Butanone

Concen: 104.532 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion: 43 Resp: 114440

Ion Ratio Lower Upper

43 100

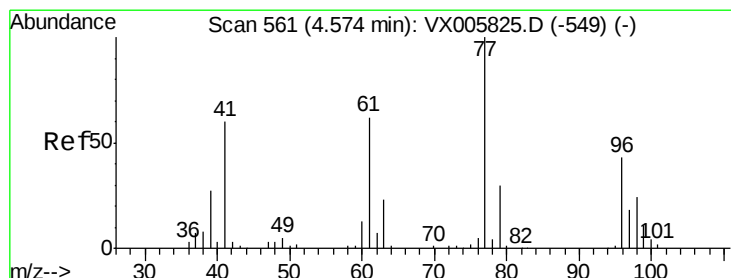
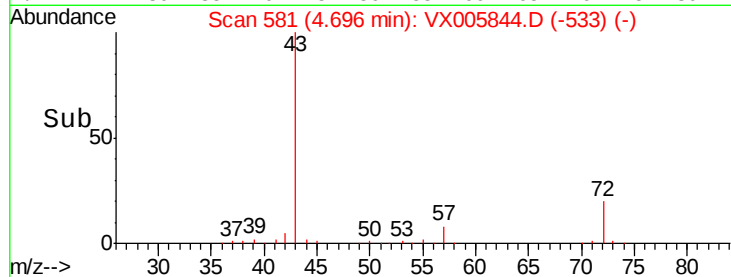
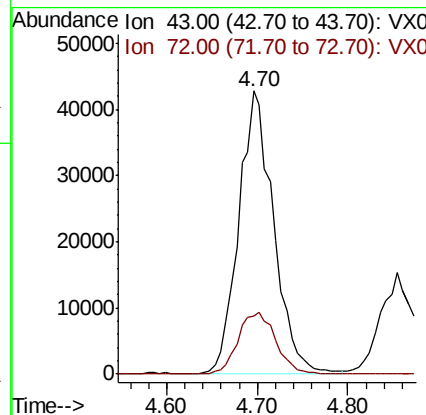
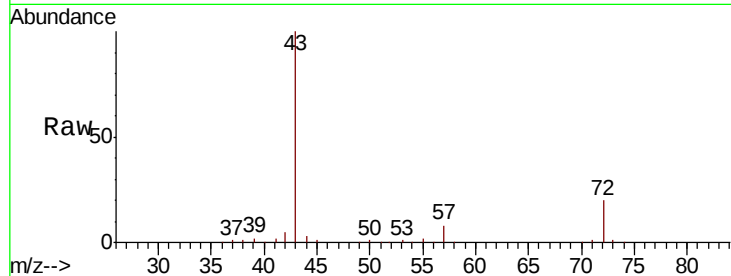
72 20.5 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.743 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005844.D

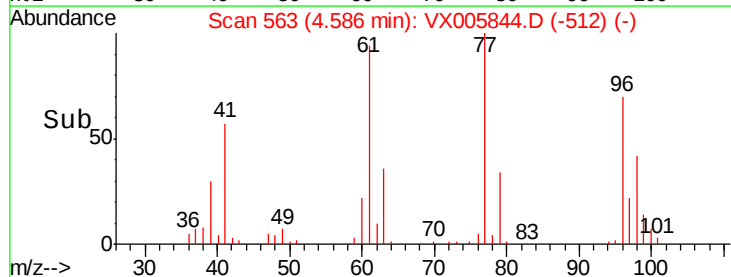
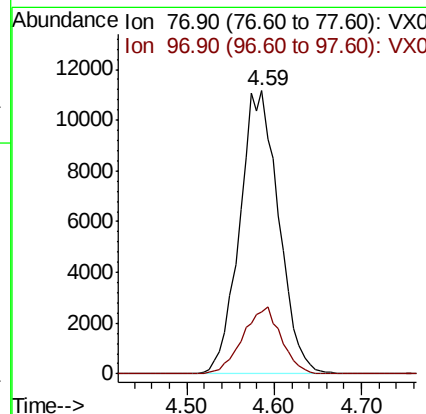
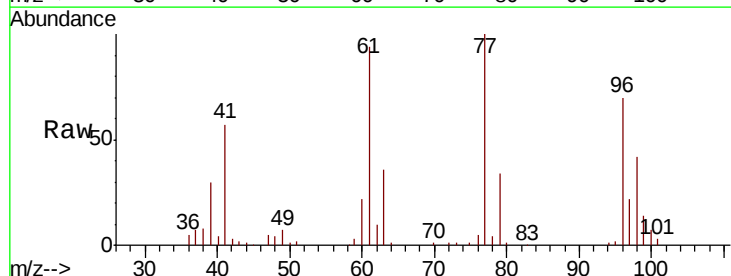
Acq: 08 Nov 2018 14:09

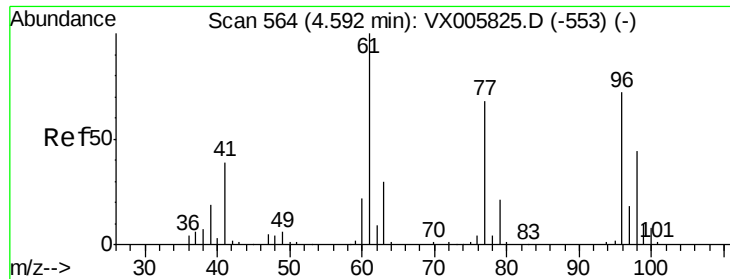
Tgt Ion: 77 Resp: 34627

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5





#27

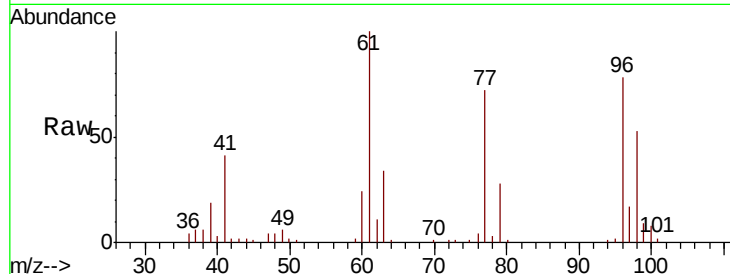
cis-1,2-Dichloroethene
Concen: 21.569 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

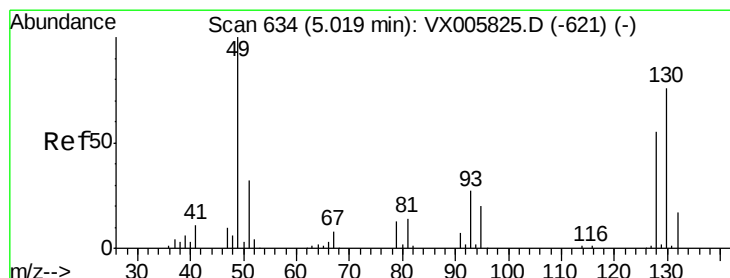
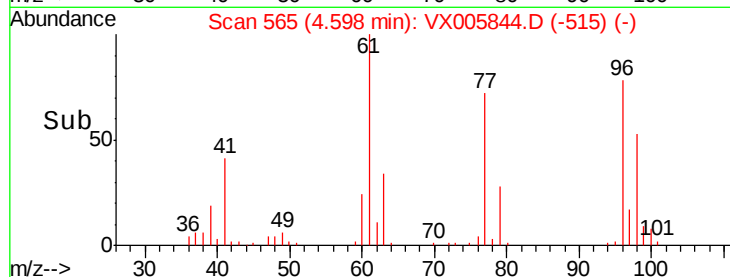
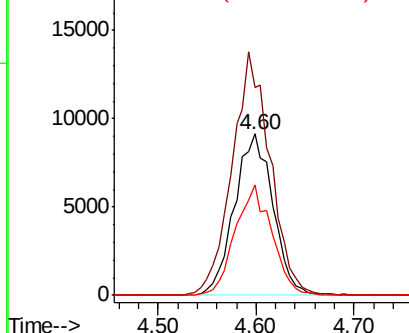
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	304.6
98	65.3	0.0	127.4

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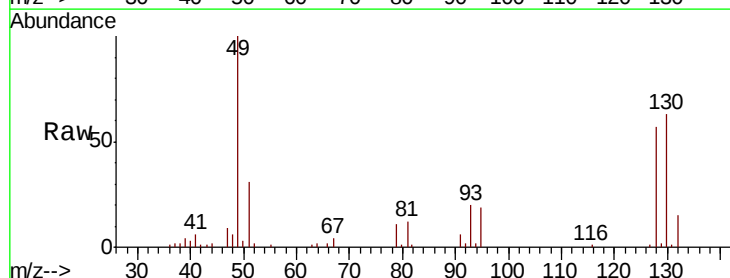
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



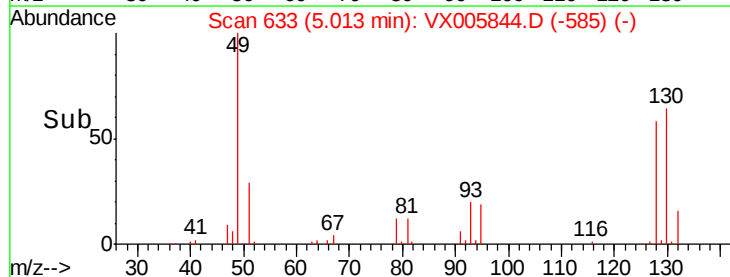
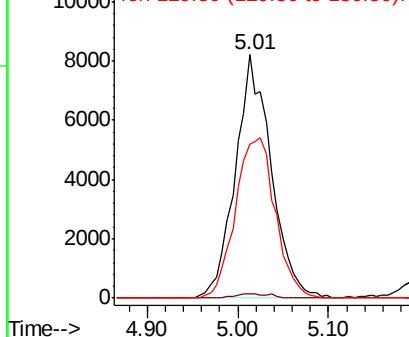
#28

Bromochloromethane
Concen: 24.162 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	73.2	58.9	88.3



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





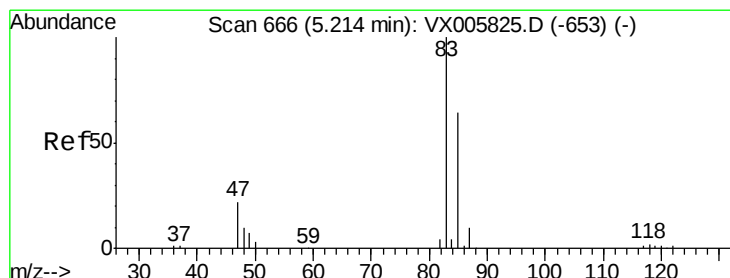
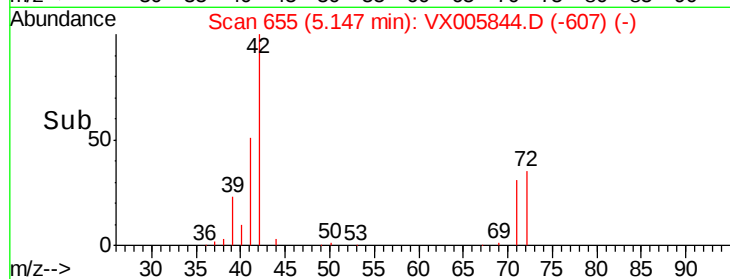
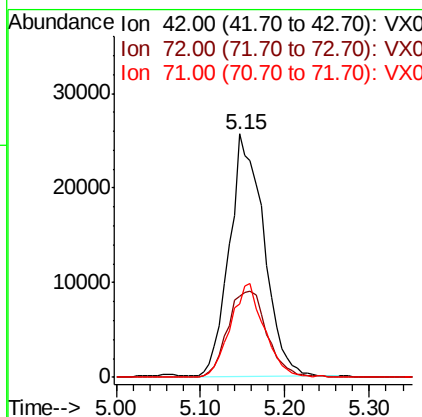
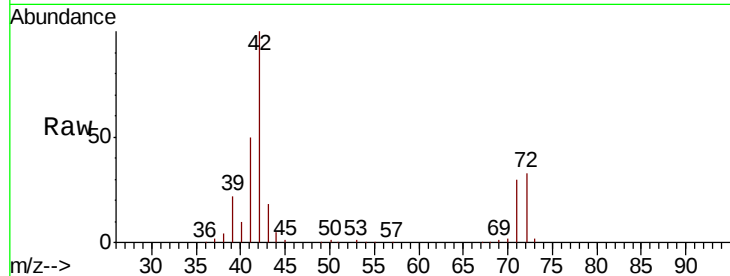
#29
Tetrahydrofuran
Concen: 101.768 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	32.0	48.0
71	37.9	29.8	44.8

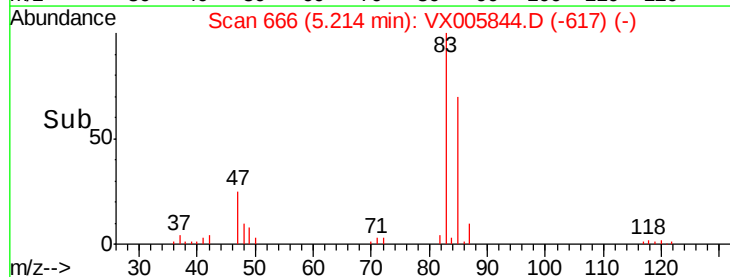
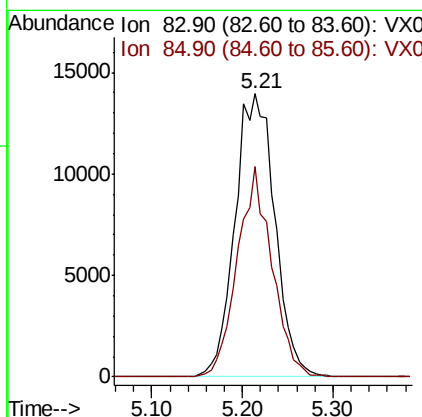
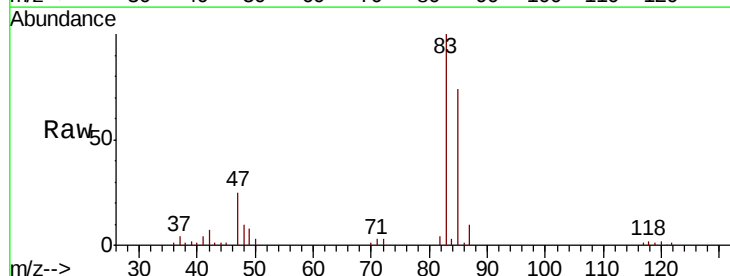
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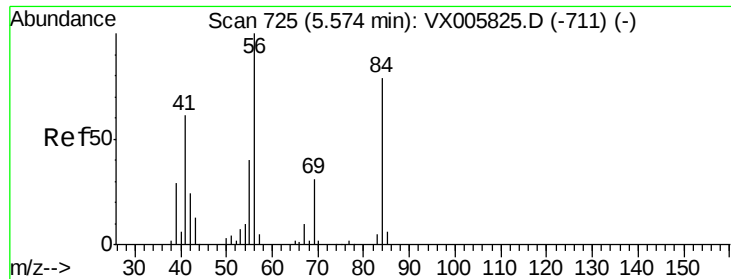
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#30
Chloroform
Concen: 21.147 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	74.2	50.6	76.0





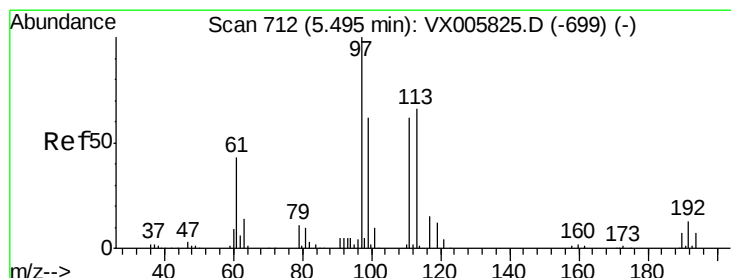
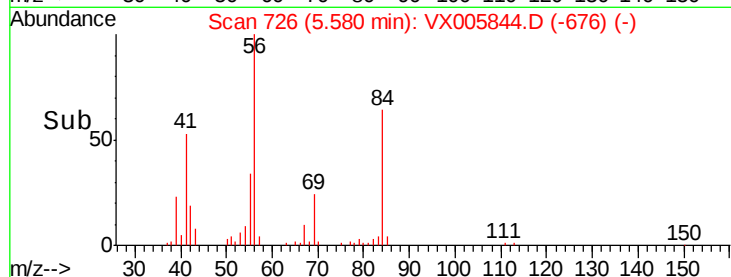
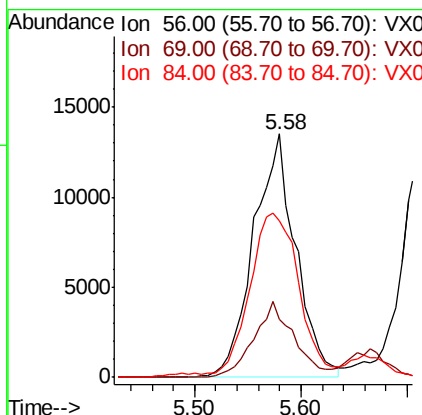
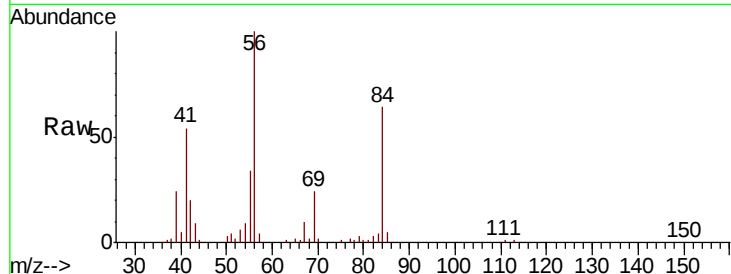
#31
Cyclohexane
Concen: 20.678 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	23.8	22.6	34.0
84	62.8	62.7	94.1

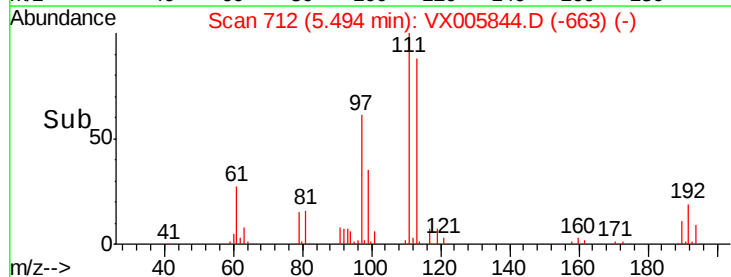
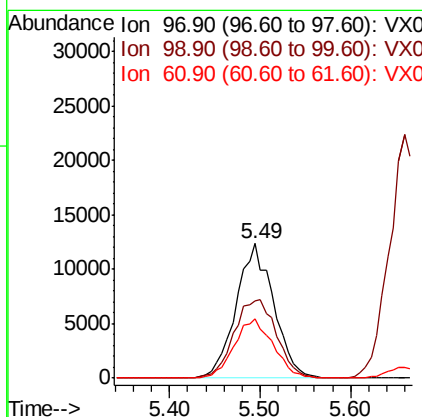
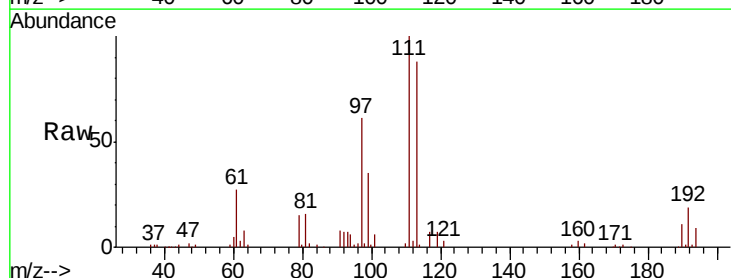
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#32
1,1,1-Trichloroethane
Concen: 21.214 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.3	78.5
61	45.5	35.2	52.8





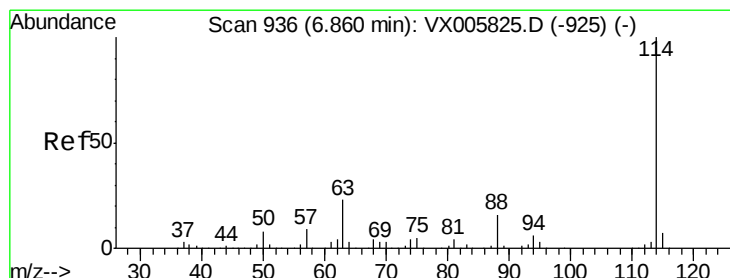
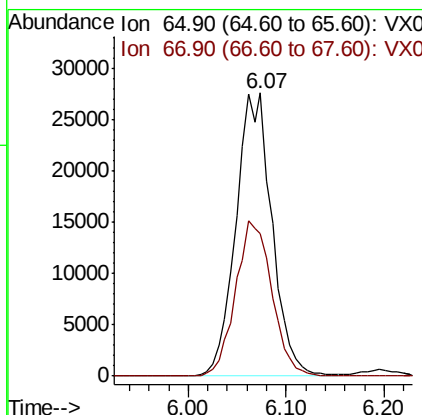
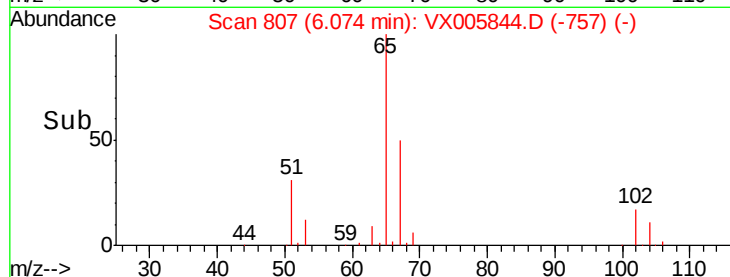
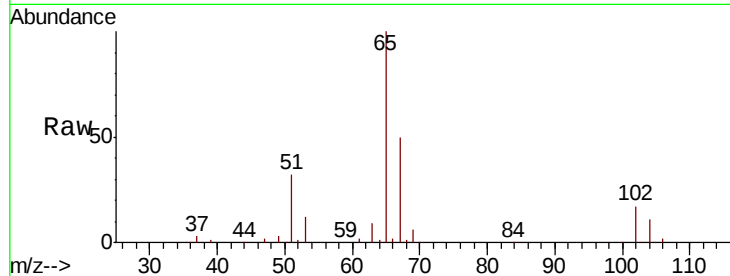
#33
 1,2-Dichloroethane-d4
 Concen: 54.754 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	105.0

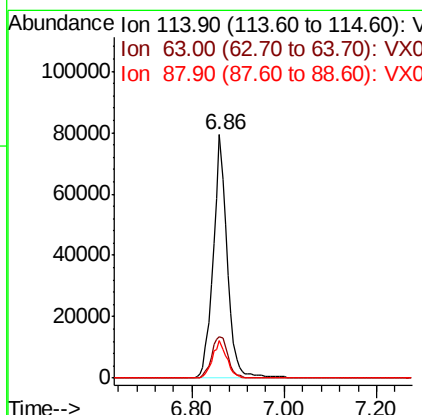
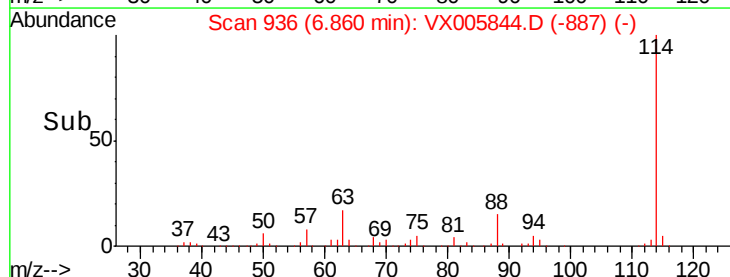
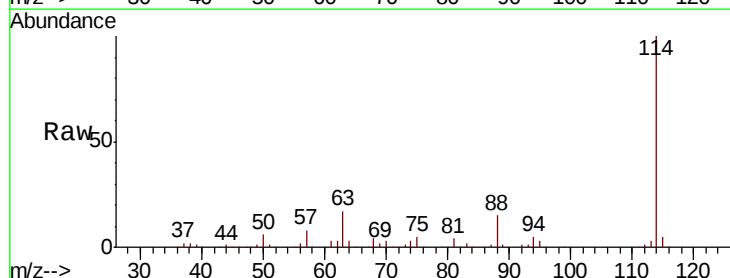
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	42.8
88	15.3	0.0	31.2





#35

Dibromofluoromethane

Concen: 51.225 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

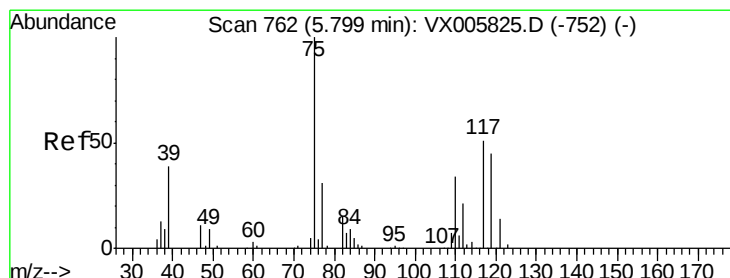
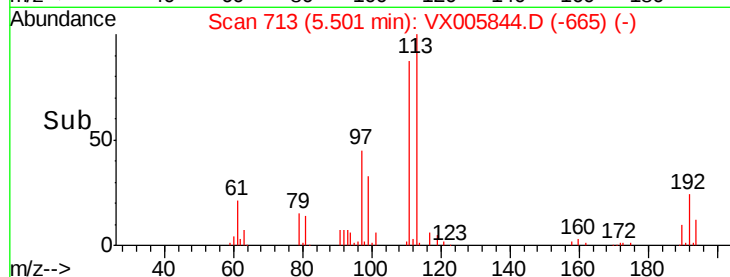
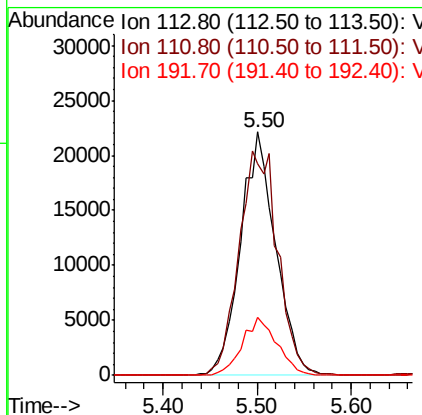
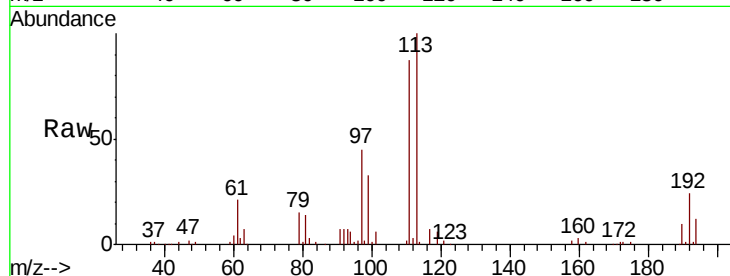
ClientSampleId :

VX1108WBS02

Tot Ion:	113	Resp:	57757
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	23.6	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 19.547 ug/l

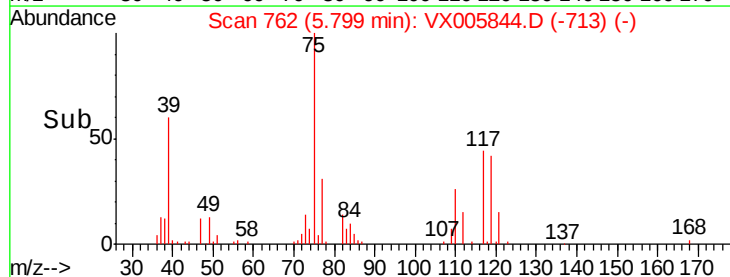
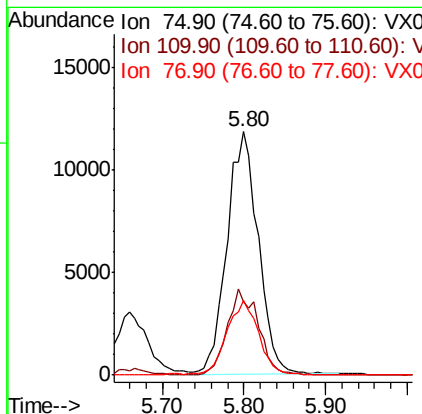
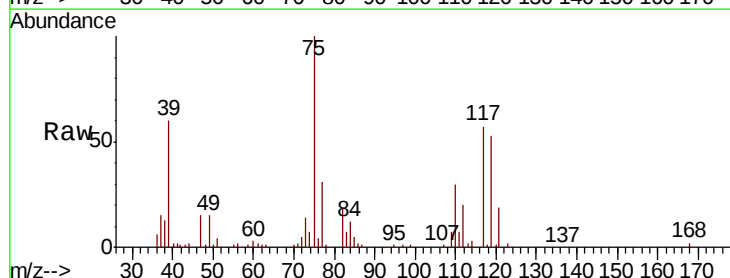
RT: 5.80 min Scan# 762

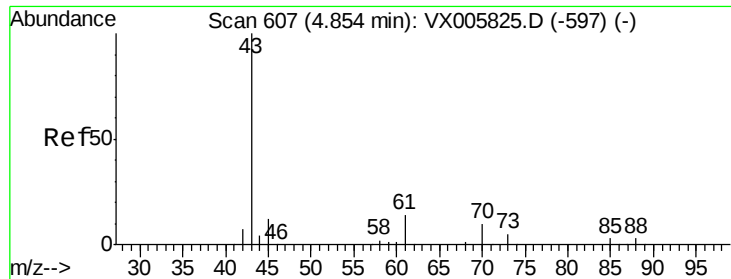
Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Tgt Ion:	75	Resp:	31239
Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.4	52.2
77	31.3	25.8	38.6





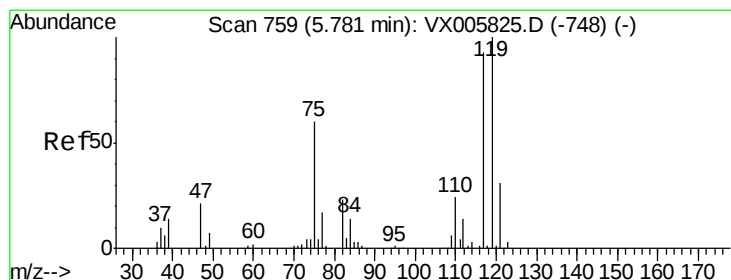
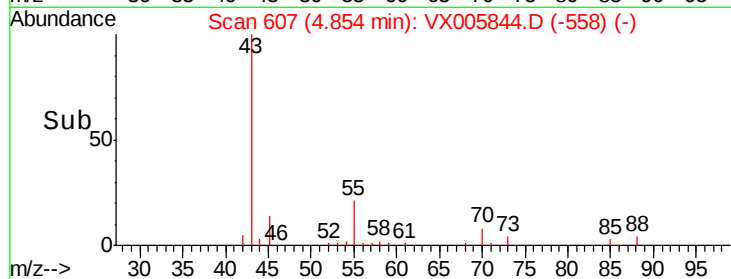
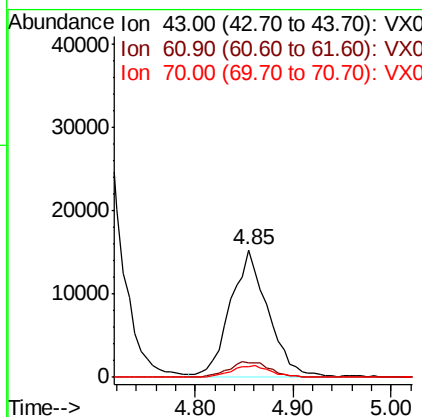
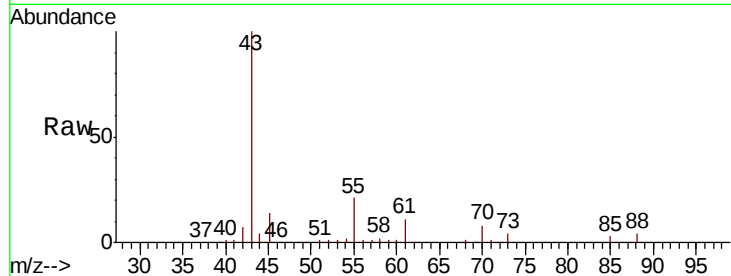
#37
Ethyl Acetate
Concen: 19.215 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.8	16.2
70	9.8	7.8	11.8

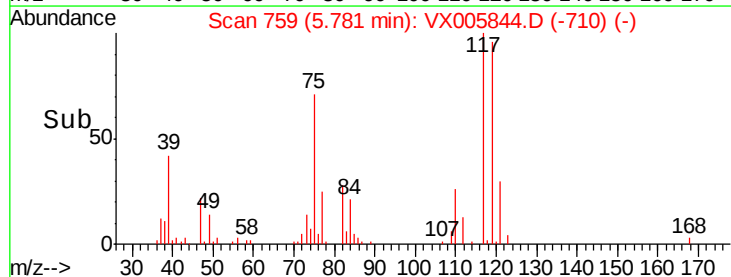
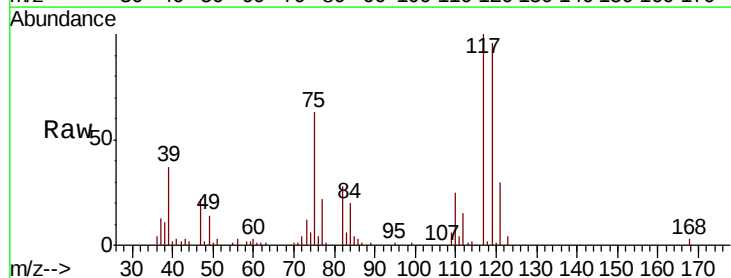
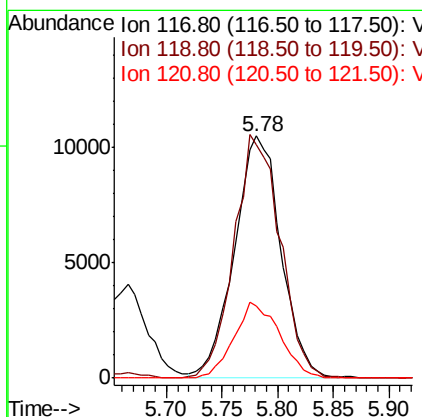
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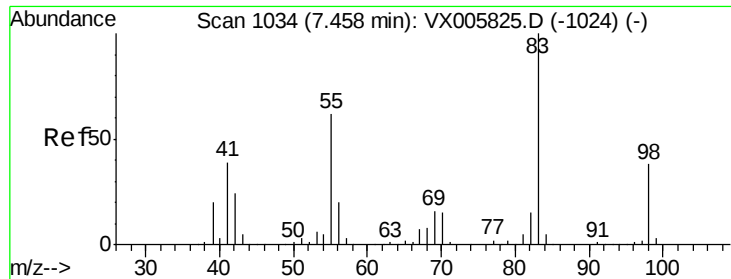
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#38
Carbon Tetrachloride
Concen: 19.048 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.1	117.1
121	30.0	24.6	36.8





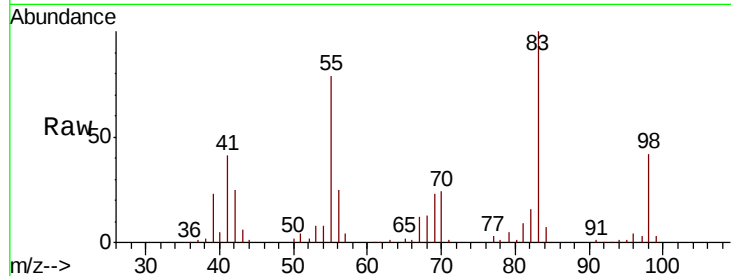
#39
Methvlcvclohexane
Concen: 19.512 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

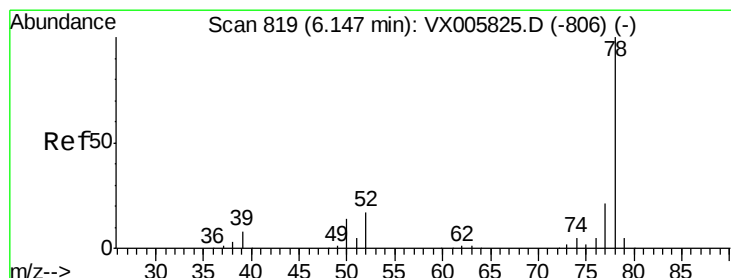
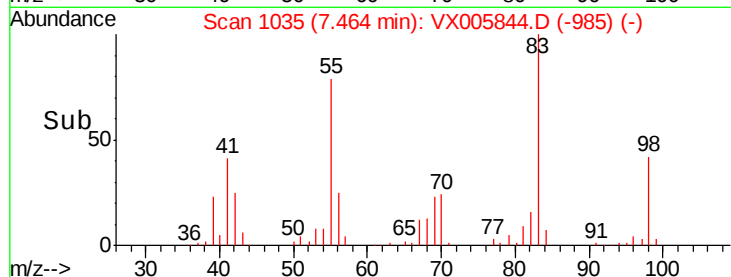
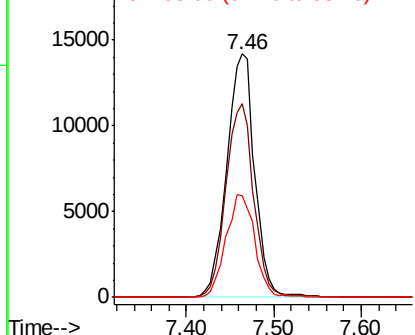
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	63.7	95.5
98	41.9	36.2	54.2

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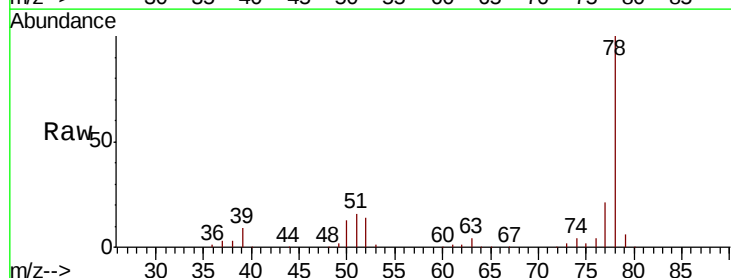


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

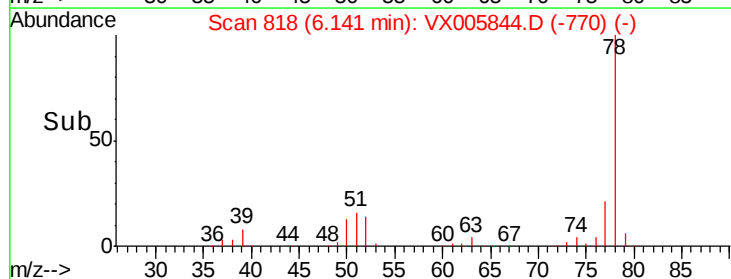
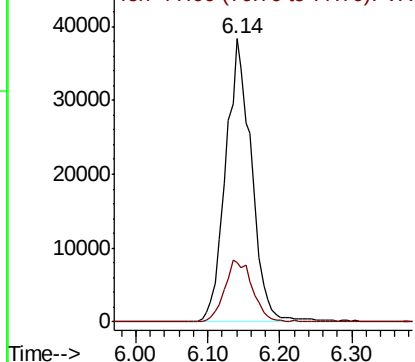


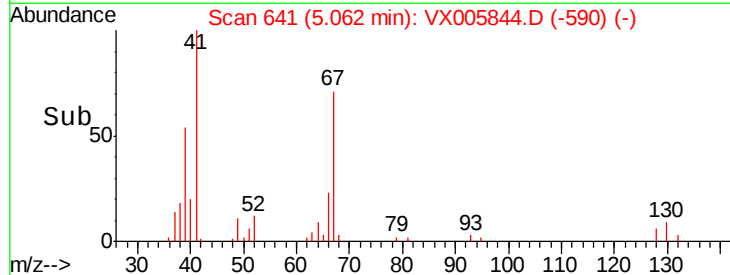
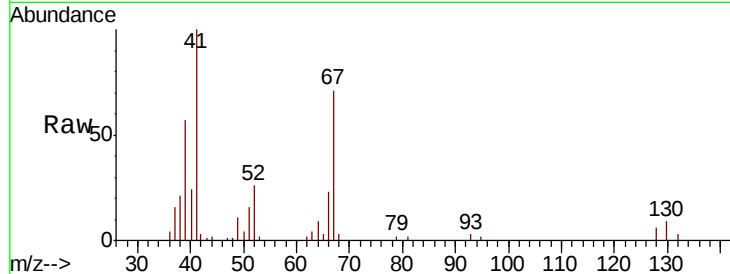
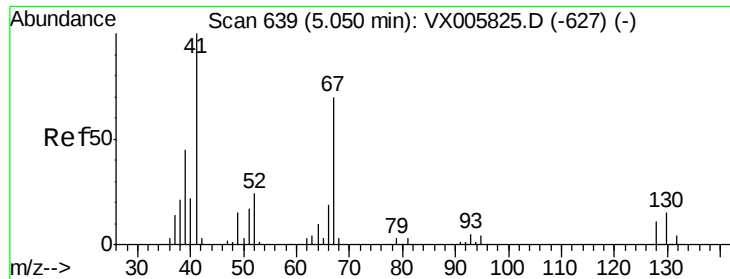
#40
Benzene
Concen: 20.552 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.4	27.6



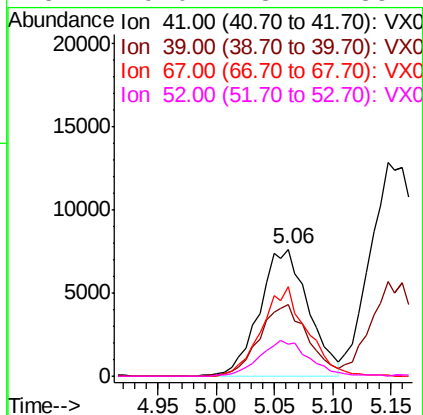
Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41
Methacrylonitrile
Concen: 19.574 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

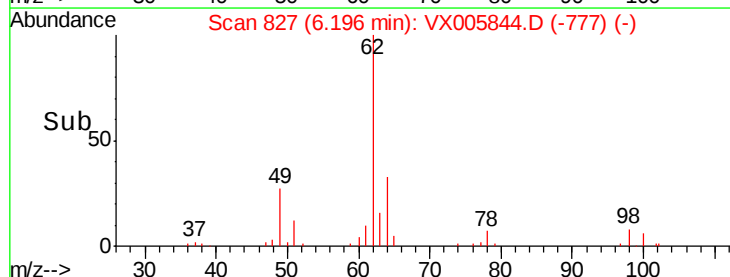
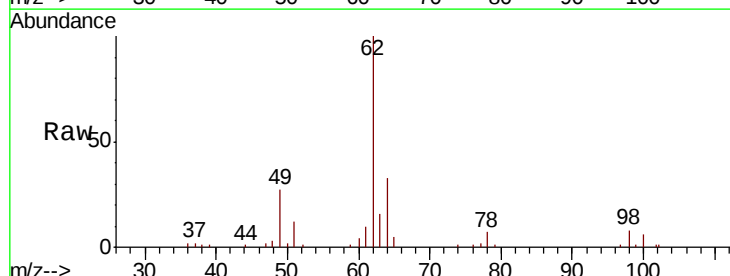
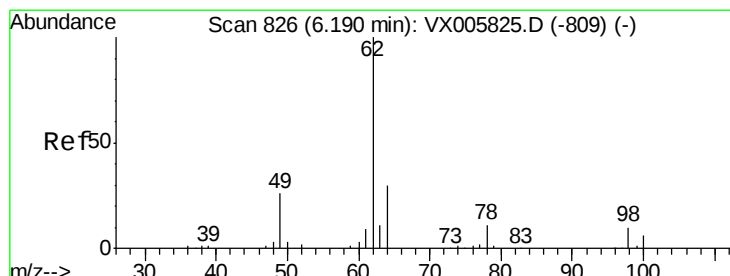
Tot Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.2	63.2
67	65.3	53.4	80.0
52	29.0	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

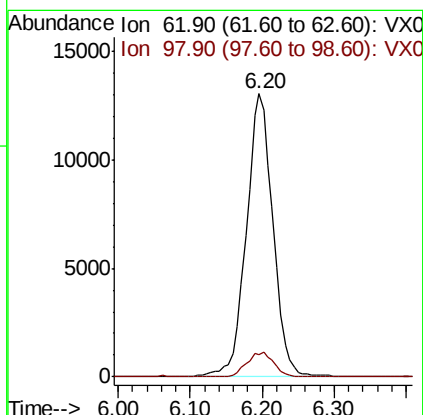
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#42
1,2-Dichloroethane
Concen: 20.012 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.113 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

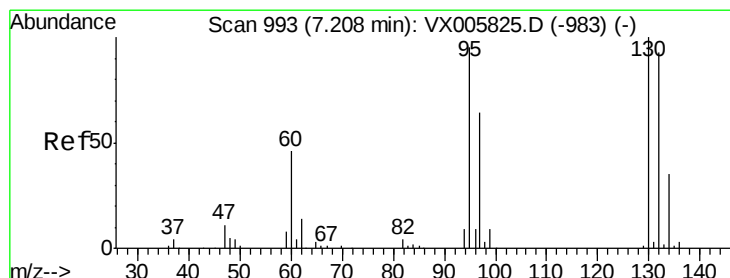
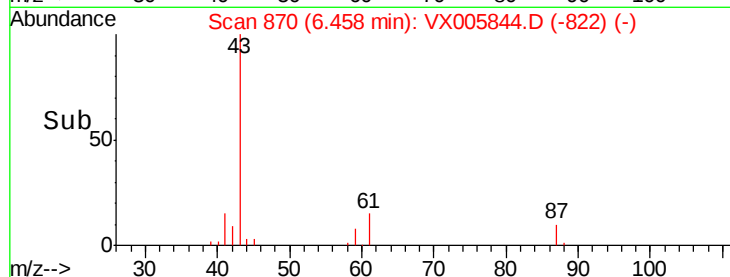
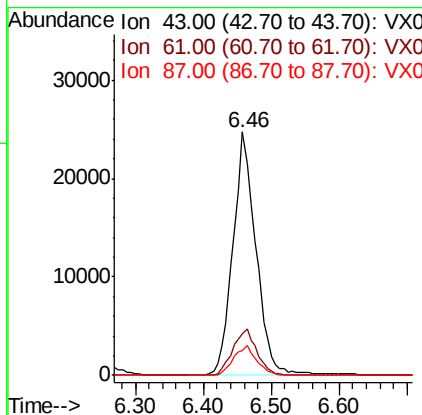
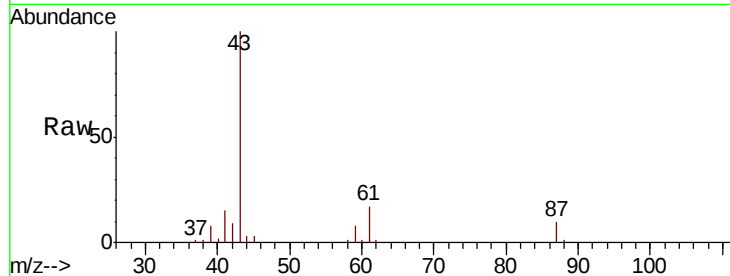
ClientSampleId :

VX1108WBS02

Tot Ion:	43	Resp:	58201
Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.6	22.0
87	12.1	9.6	14.4

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#44

Trichloroethene

Concen: 18.766 ug/l

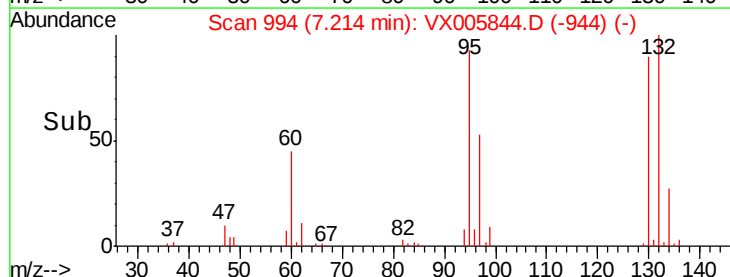
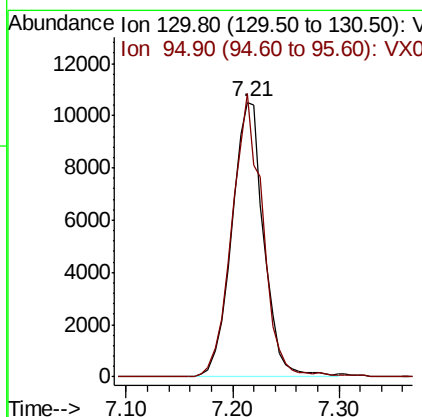
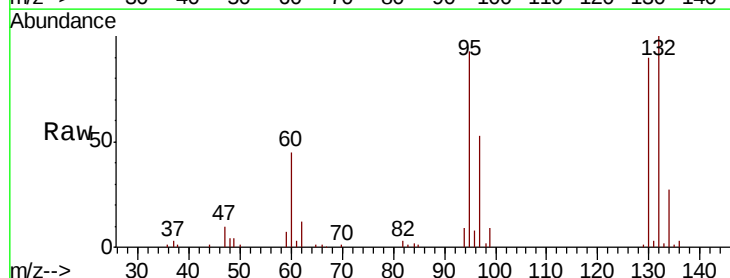
RT: 7.21 min Scan# 994

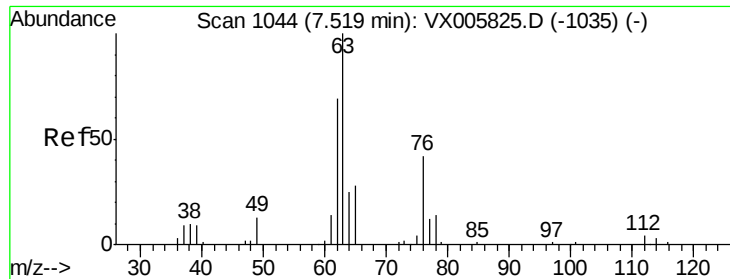
Delta R.T. 0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Tgt Ion:	130	Resp:	22203
Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	194.2





#45

1,2-Dichloropropane

Concen: 18.843 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampled :

VX1108WBS02

Tot Ion: 63 Resp: 21308

Ion Ratio Lower Upper

63 100

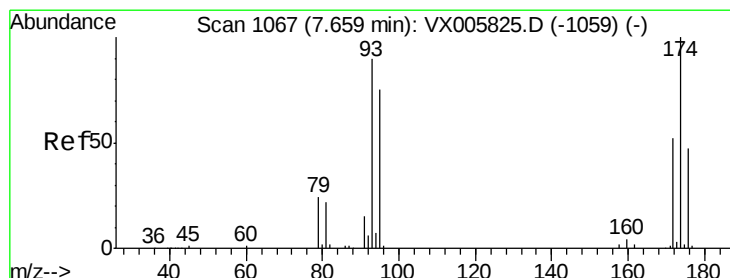
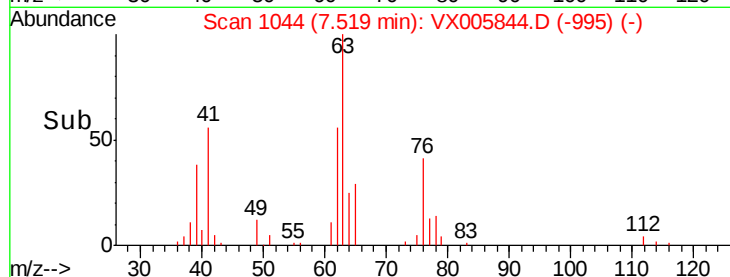
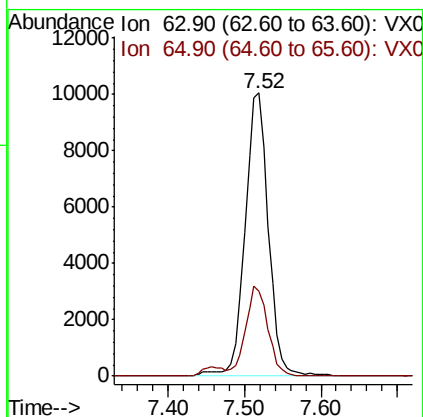
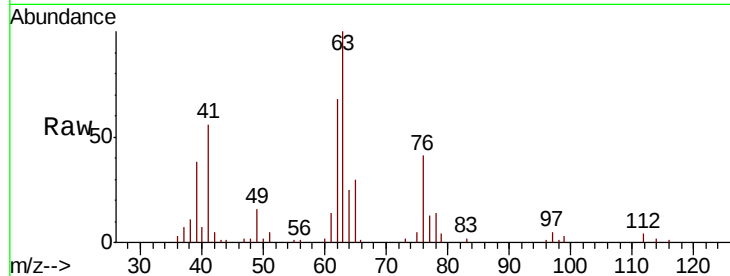
65 30.0 24.8 37.2

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#46

Dibromomethane

Concen: 19.328 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

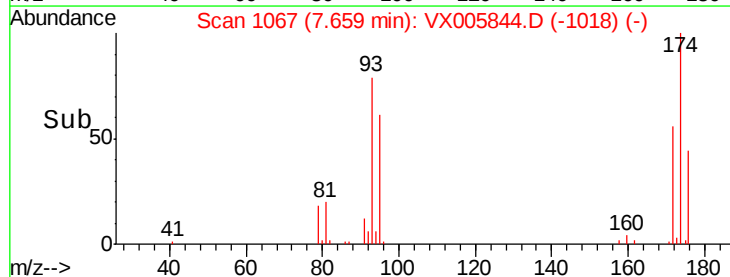
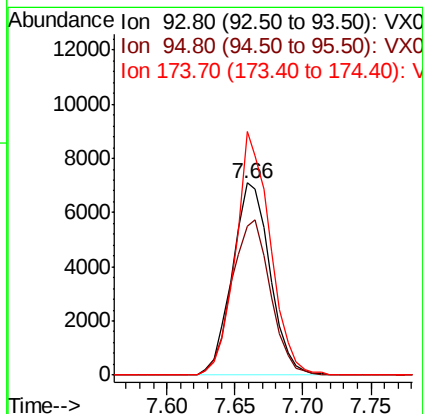
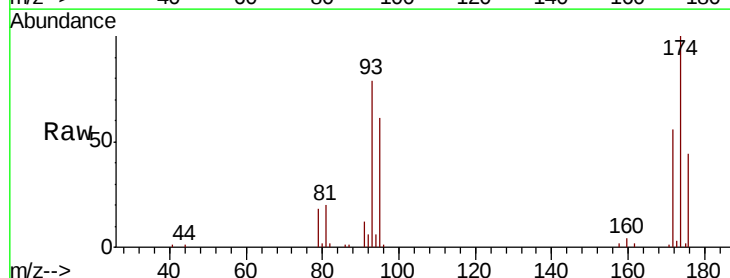
Tgt Ion: 93 Resp: 13715

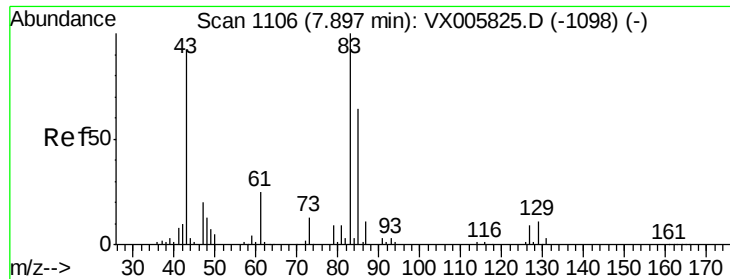
Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

174 116.4 91.5 137.3





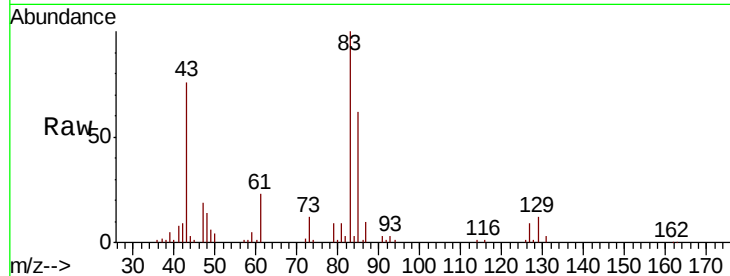
#47
Bromodichloromethane
Concen: 19.488 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

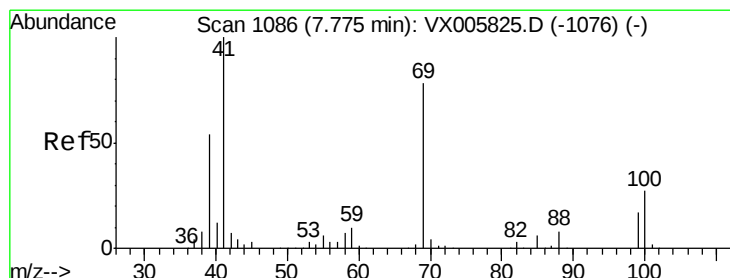
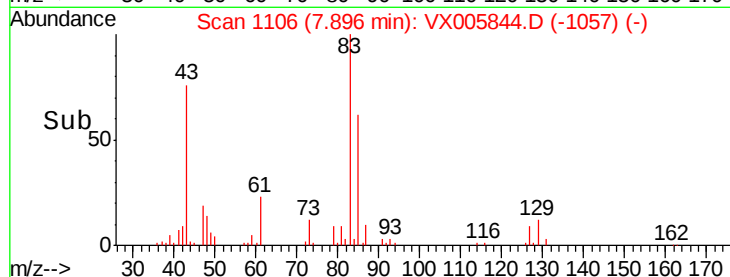
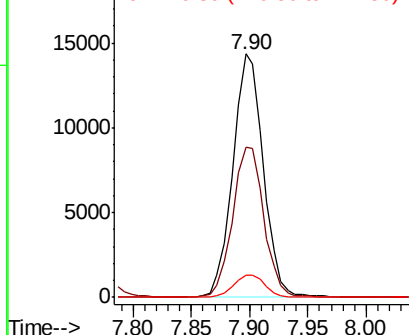
Tot Ion	83	Resp	26134
Ion Ratio	Lower	Upper	
83	100		
85	61.9	50.2	75.4
127	9.2	6.9	10.3

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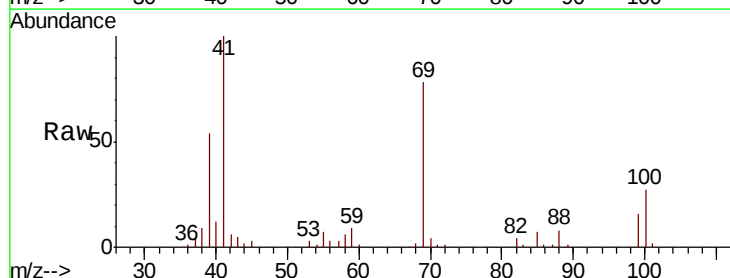


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

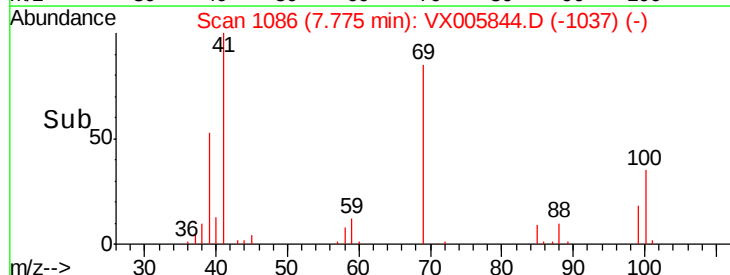
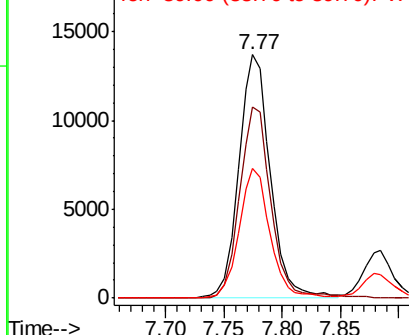


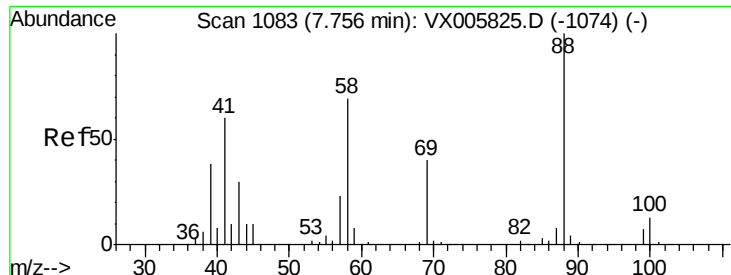
#48
Methyl methacrylate
Concen: 18.894 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	41	Resp	25834
Ion Ratio	Lower	Upper	
41	100		
69	77.8	63.2	94.8
39	52.3	42.2	63.2



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





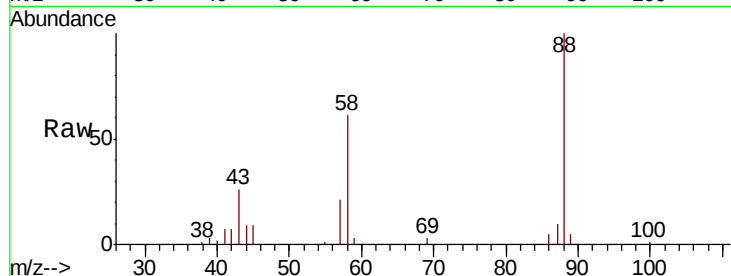
#49
1,4-Dioxane
Concen: 344.113 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

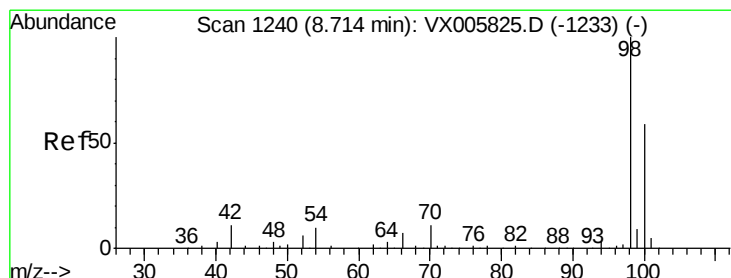
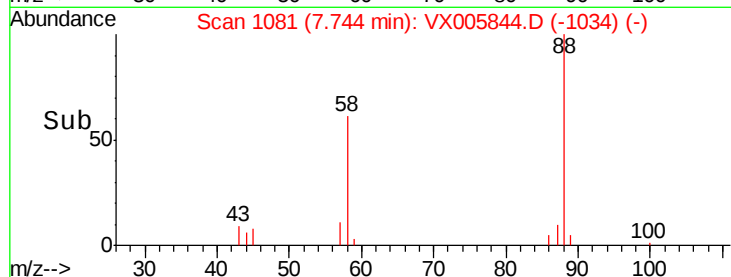
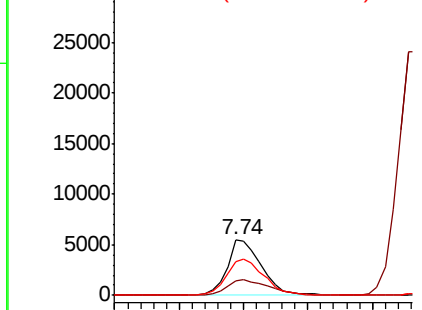
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	27.4	41.0
58	72.3	59.4	89.2

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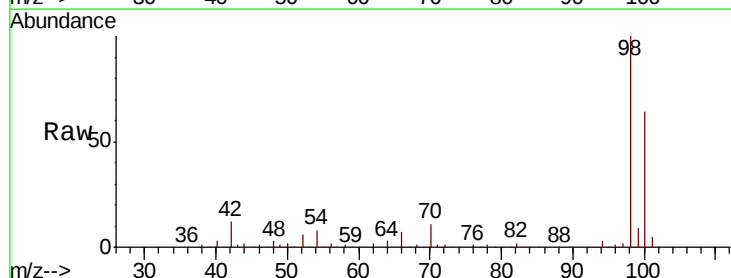


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

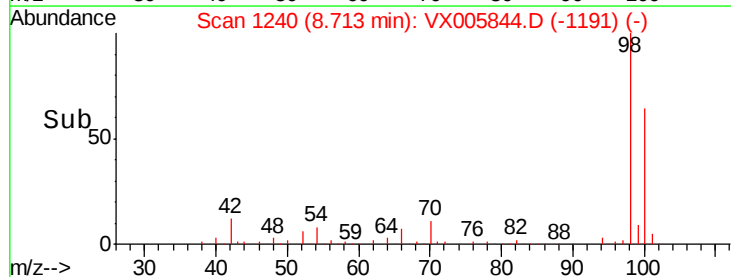
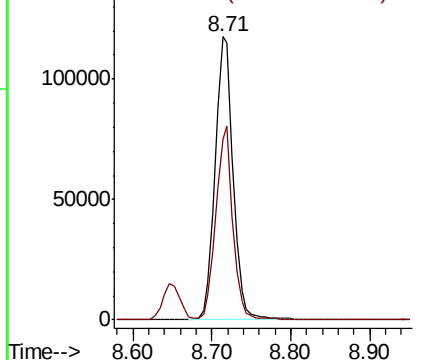


#50
Toluene-d8
Concen: 49.939 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.3	76.9



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





#51

4-Methyl-2-Pentanone

Concen: 92.439 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion: 43 Resp: 177407

Ion Ratio Lower Upper

43 100

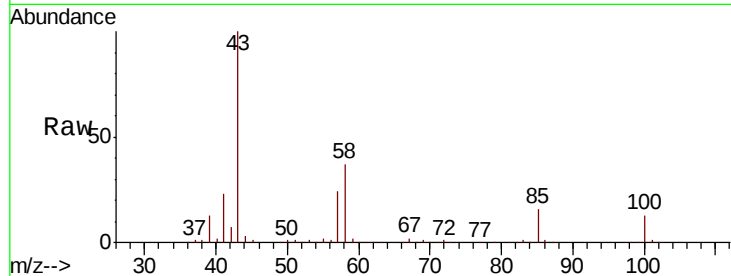
58 36.6 29.7 44.5

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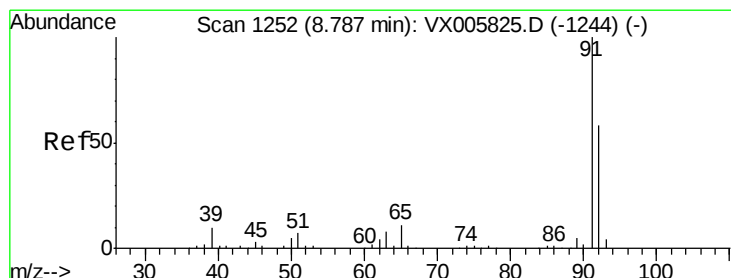
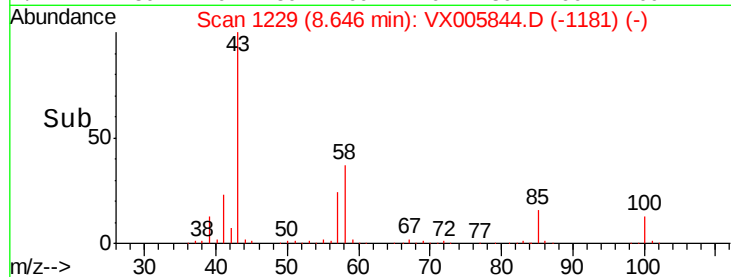
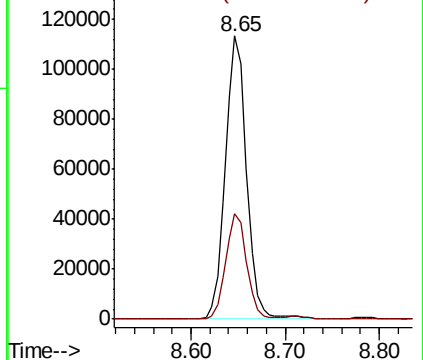
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.421 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005844.D

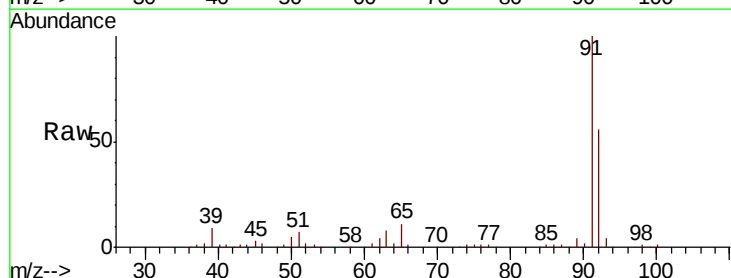
Acq: 08 Nov 2018 14:09

Tgt Ion: 92 Resp: 47964

Ion Ratio Lower Upper

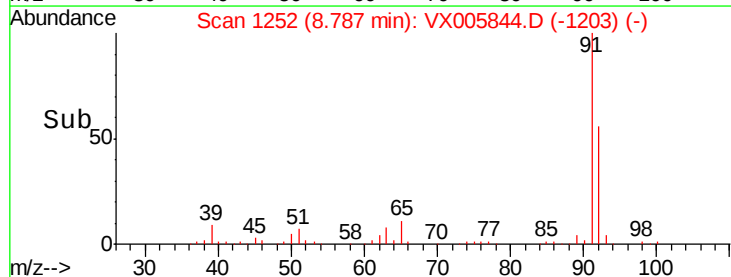
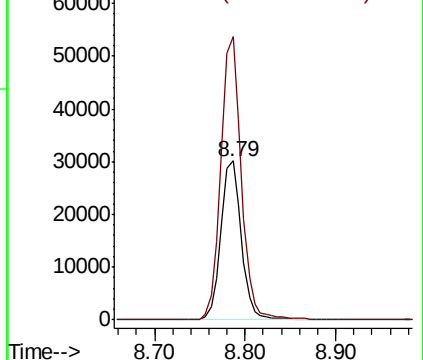
92 100

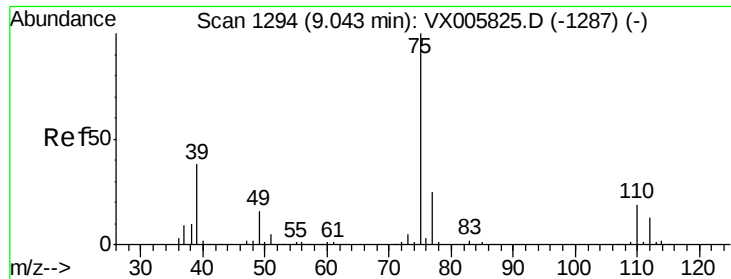
91 177.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





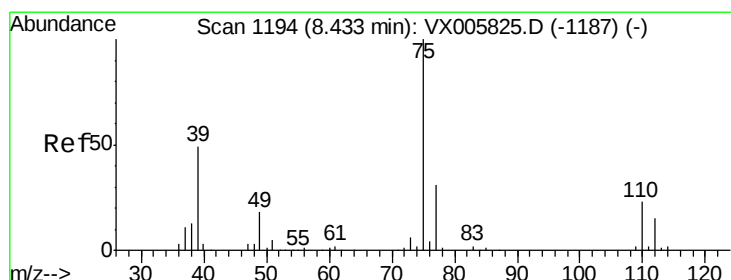
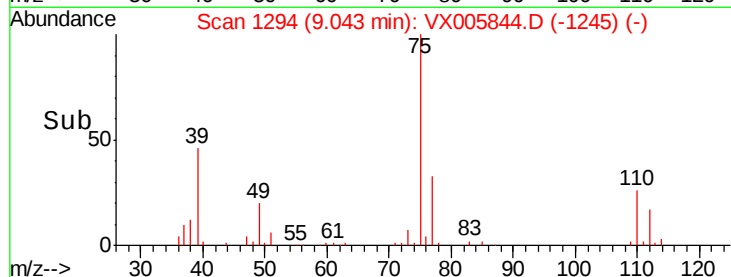
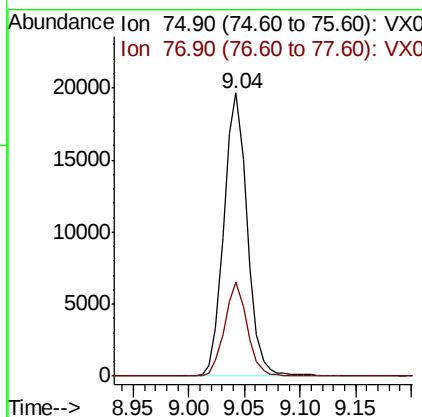
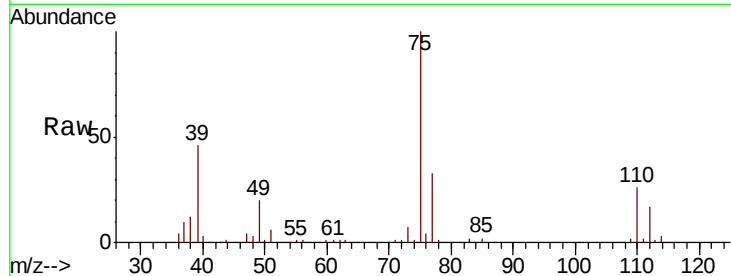
#53
 t-1,3-Dichloropropene
 Concen: 18.066 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS02

Tot Ion: 75 Resp: 28590
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.2

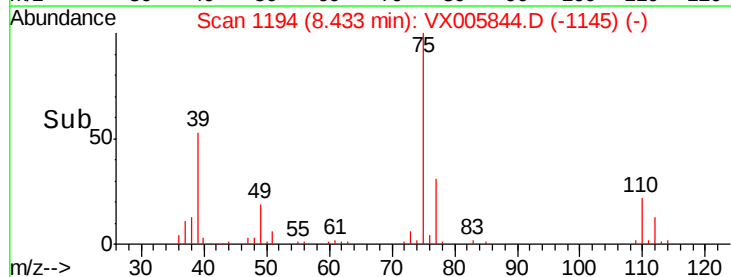
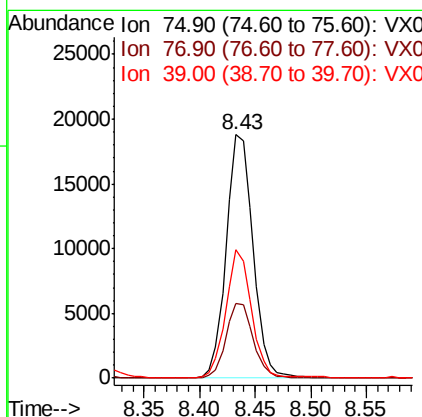
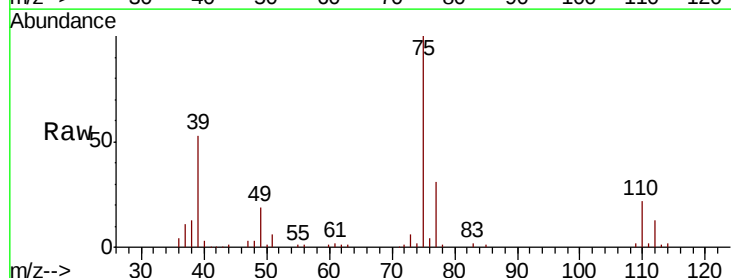
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#54
 cis-1,3-Dichloropropene
 Concen: 19.460 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Tgt Ion: 75 Resp: 31388
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.2 37.8
 39 52.7 38.2 57.2





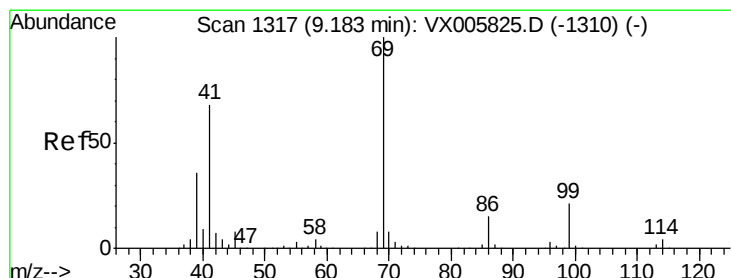
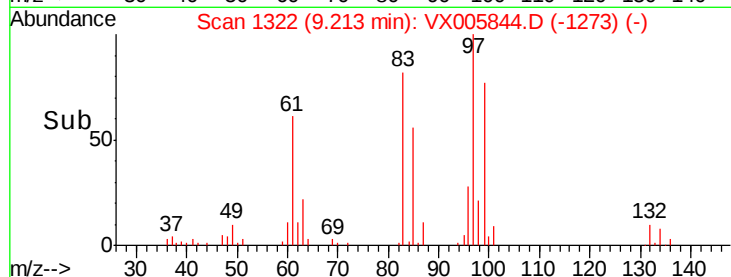
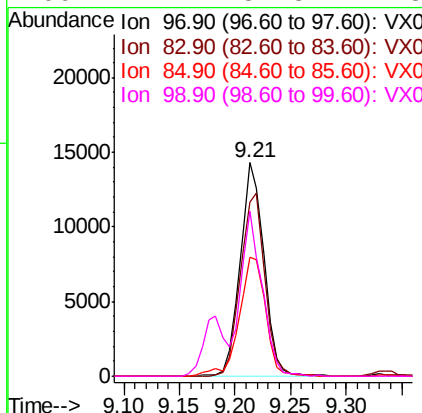
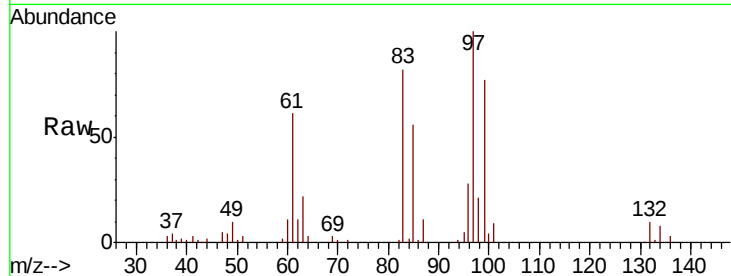
#55
 1,1,2-Trichloroethane
 Concen: 18.298 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS02

Tot Ion:	97	Resp:	21234
Ion	Ratio	Lower	Upper
97	100		
83	81.5	70.7	106.1
85	55.7	45.8	68.6
99	77.2	51.8	77.8

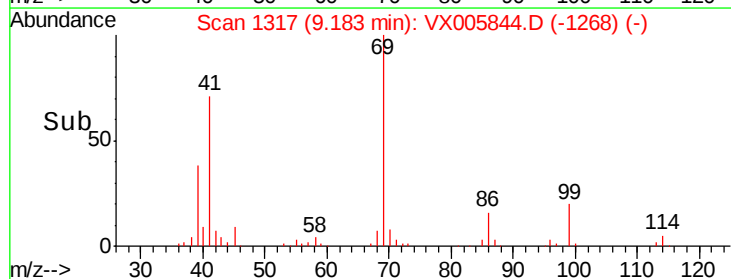
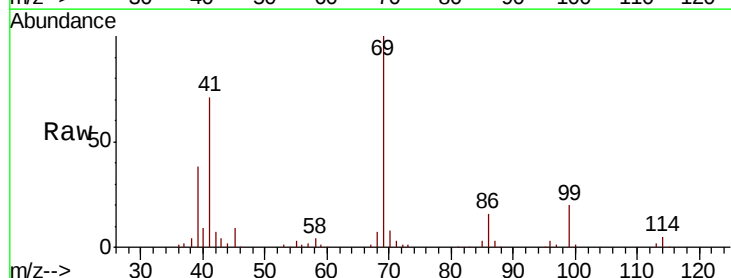
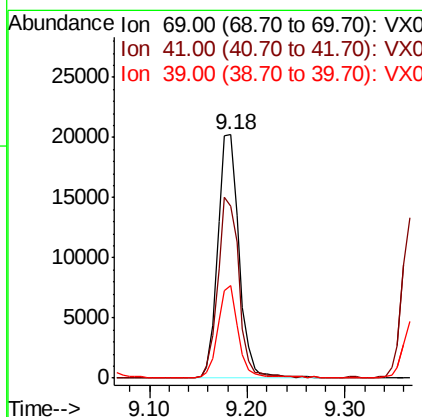
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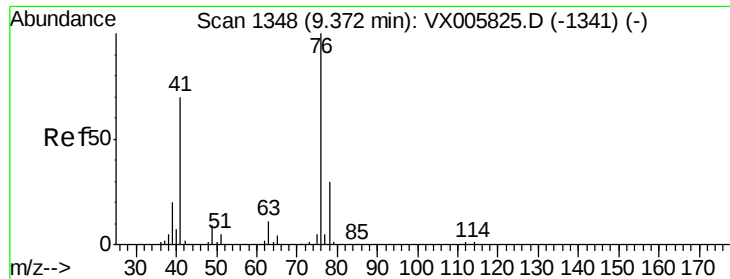
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#56
 Ethyl methacrylate
 Concen: 17.610 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Tgt Ion:	69	Resp:	30576
Ion	Ratio	Lower	Upper
69	100		
41	74.9	57.0	85.6
39	36.6	28.3	42.5





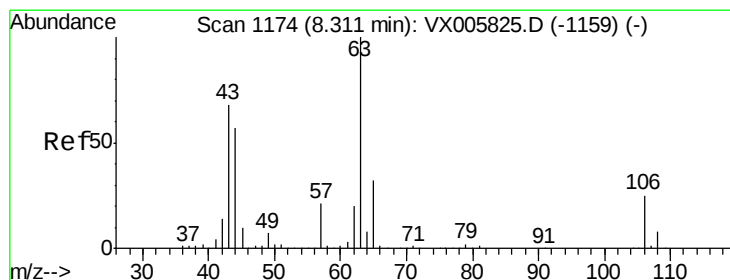
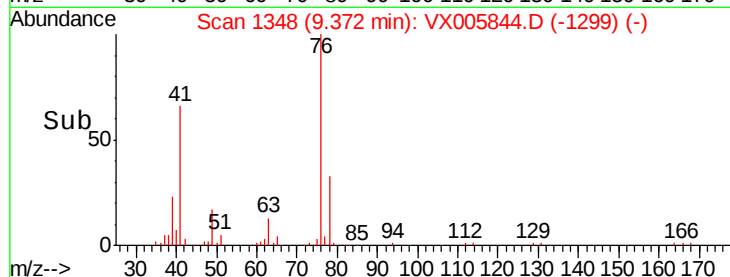
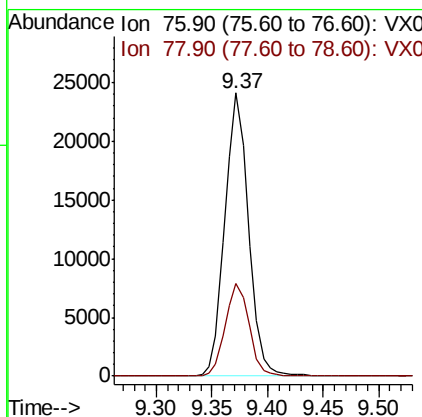
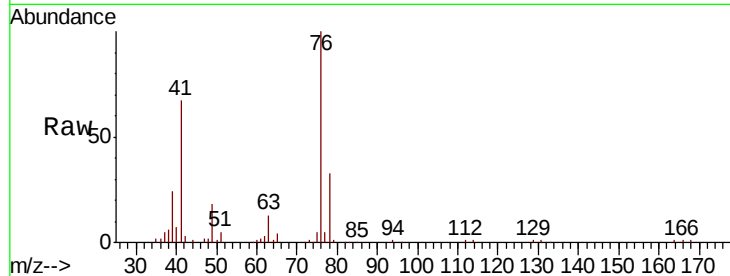
#57
 1,3-Dichloropropane
 Concen: 18.266 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX1108WBS02

Tot Ion: 76 Resp: 35620
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.3 37.9

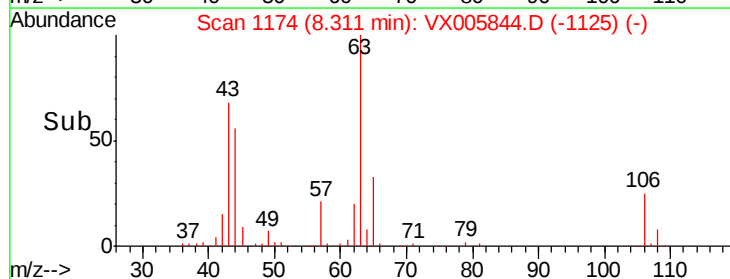
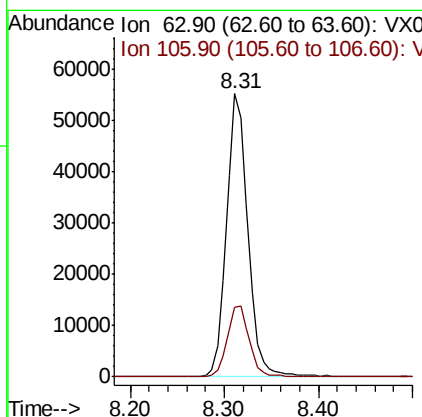
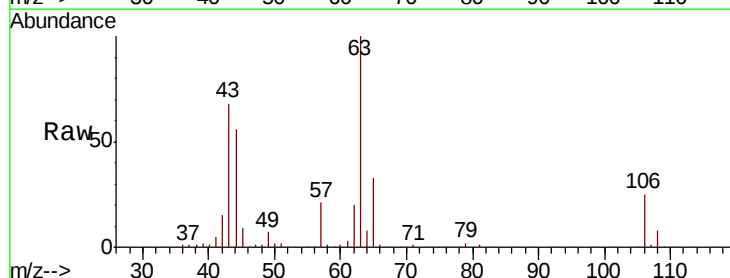
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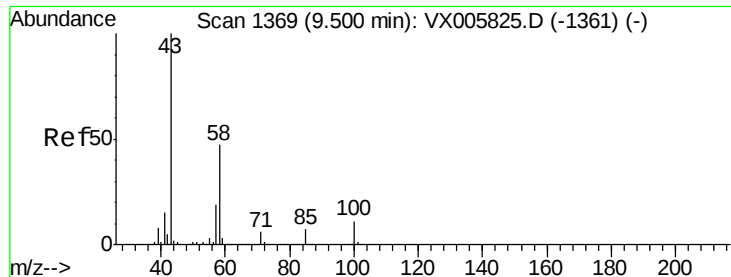
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.014 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Tgt Ion: 63 Resp: 86830
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.3 31.9





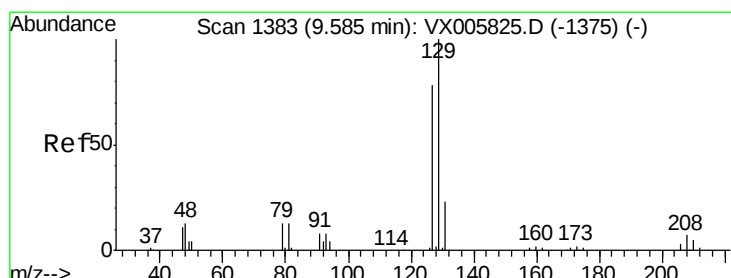
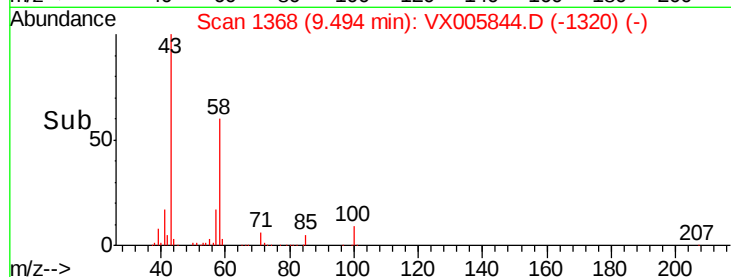
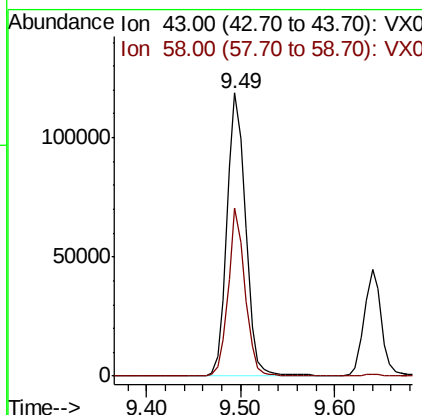
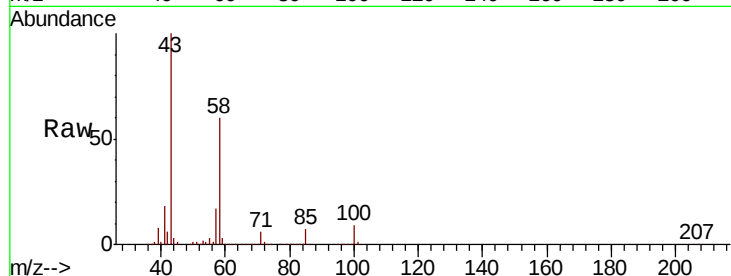
#59
2-Hexanone
Concen: 96.854 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampled :
VX1108WBS02

Tot Ion: 43 Resp: 163846
Ion Ratio Lower Upper
43 100
58 53.8 25.9 77.8

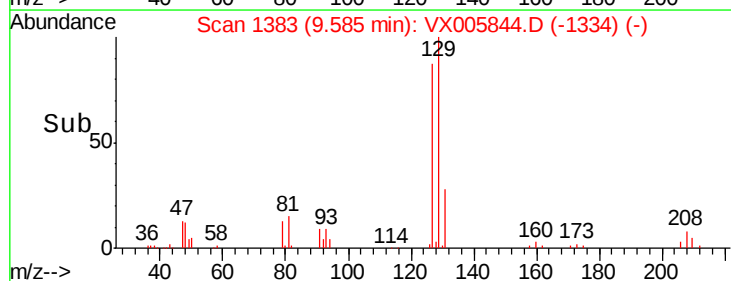
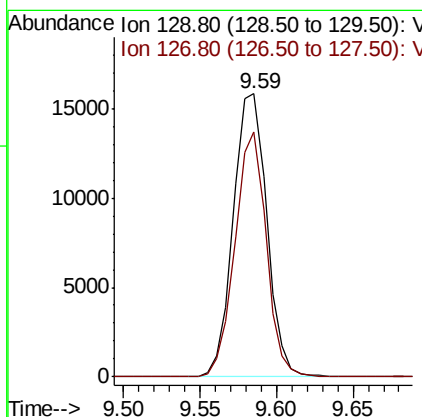
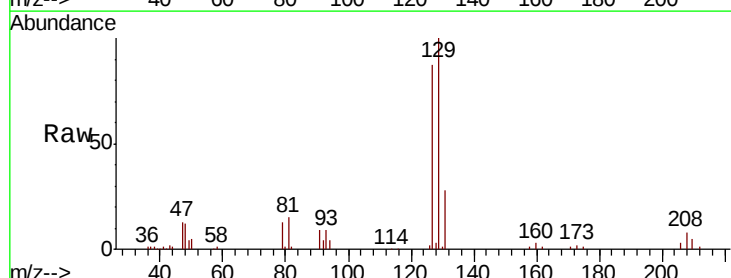
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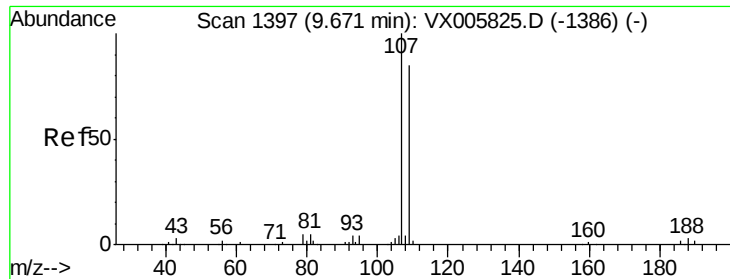
MMDadoda
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#60
Dibromochloromethane
Concen: 19.234 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion: 129 Resp: 24122
Ion Ratio Lower Upper
129 100
127 80.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.951 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion:107 Resp: 24317

Ion Ratio Lower Upper

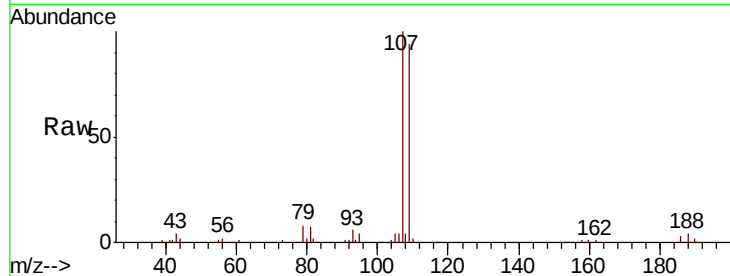
107 100

109 98.5 75.7 113.5

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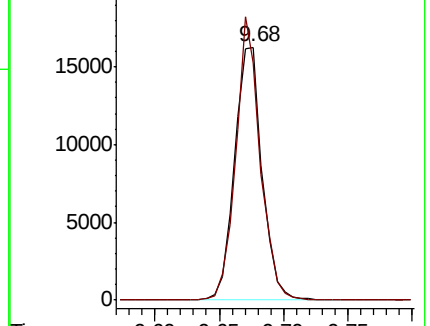
MMDadoda

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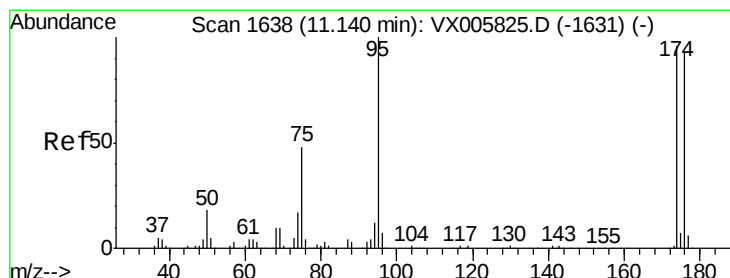
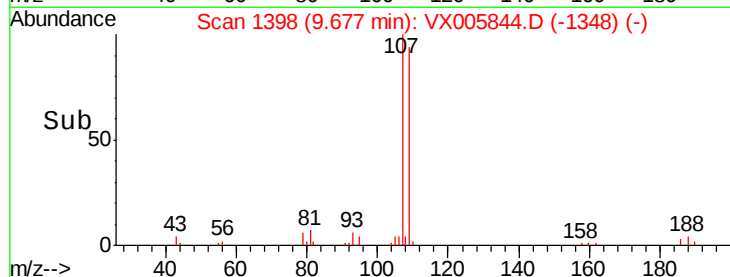


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 49.431 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

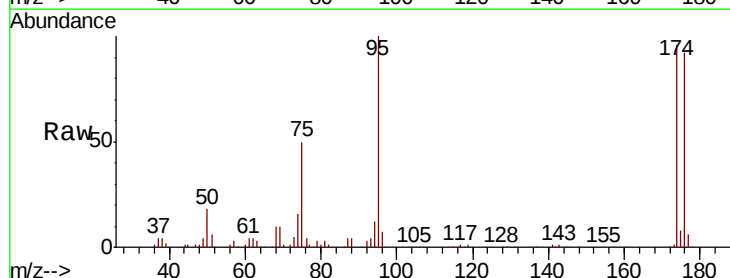
Tgt Ion: 95 Resp: 66620

Ion Ratio Lower Upper

95 100

174 92.2 0.0 184.4

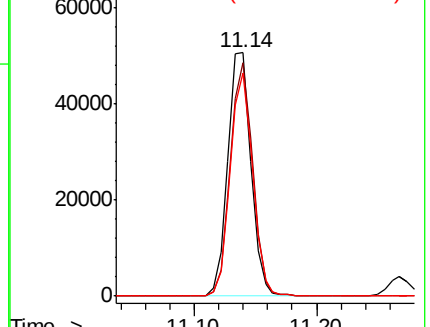
176 88.3 0.0 177.4



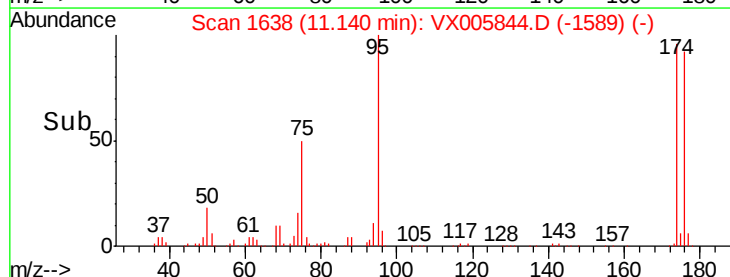
Abundance Ion 94.90 (94.60 to 95.60): VX0

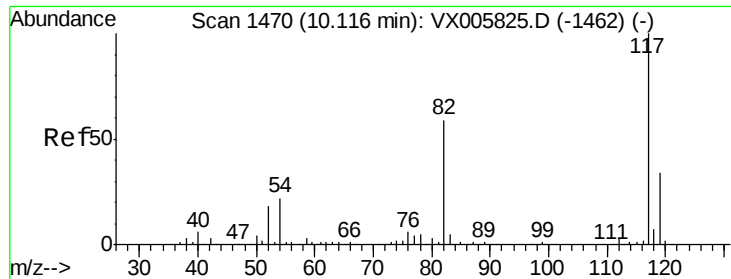
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





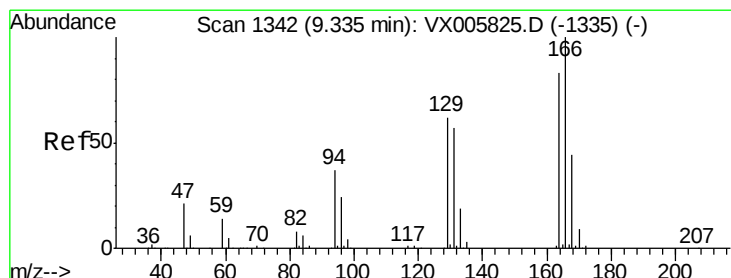
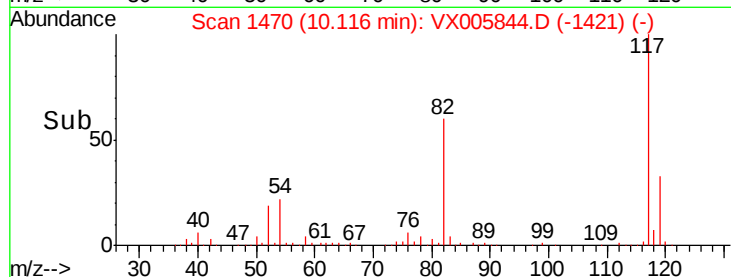
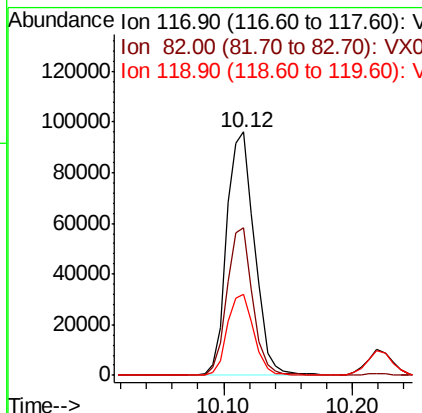
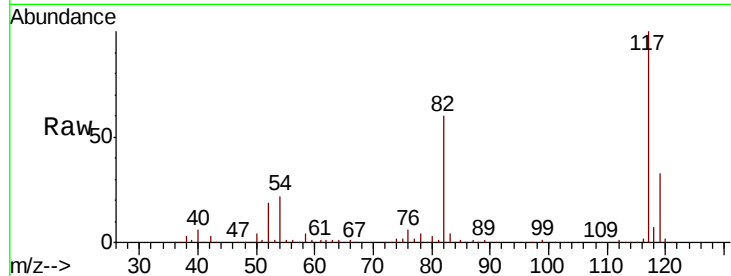
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.4	44.1	66.1
119	33.3	26.2	39.2

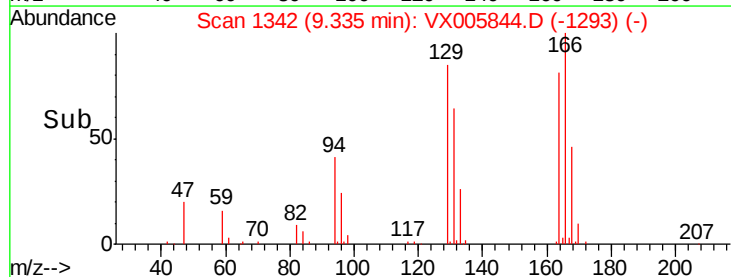
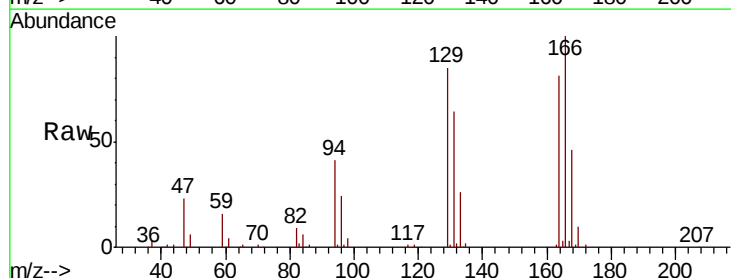
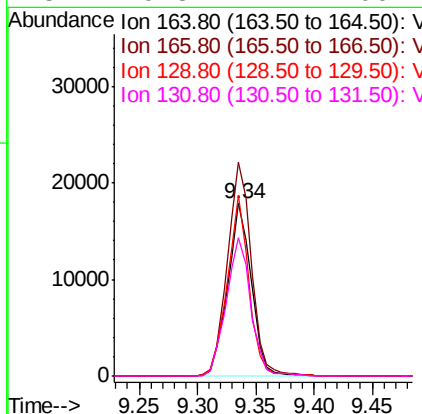
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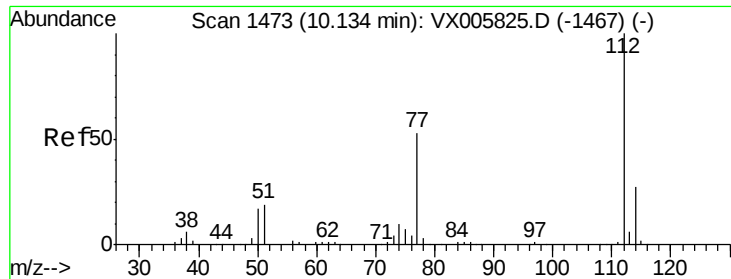
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#64
Tetrachloroethene
Concen: 20.500 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	101.9	152.9
129	104.6	72.6	109.0
131	79.8	71.1	106.7





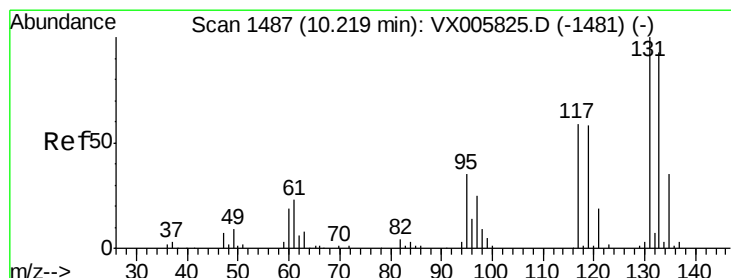
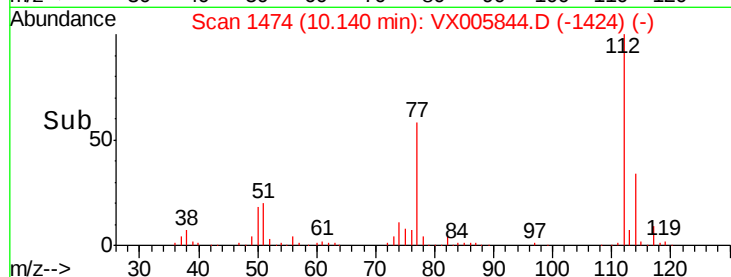
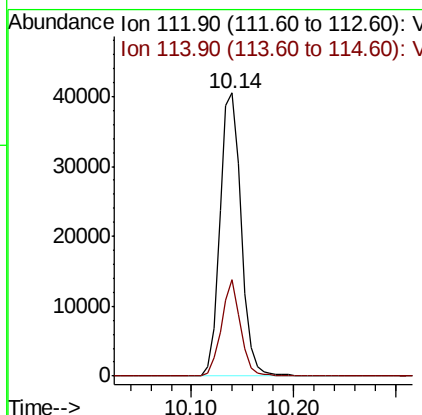
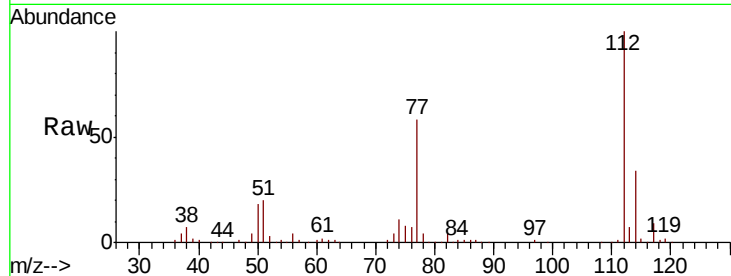
#65
Chlorobenzene
Concen: 20.280 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion:112 Resp: 58973
Ion Ratio Lower Upper
112 100
114 33.9 25.8 38.6

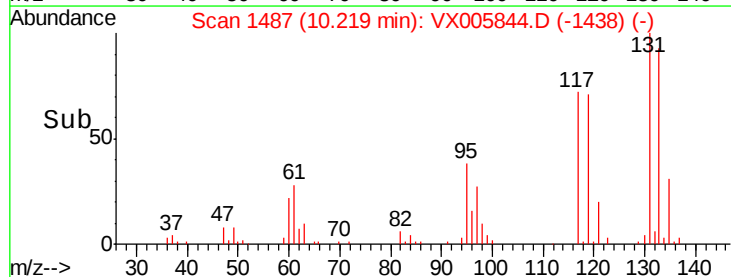
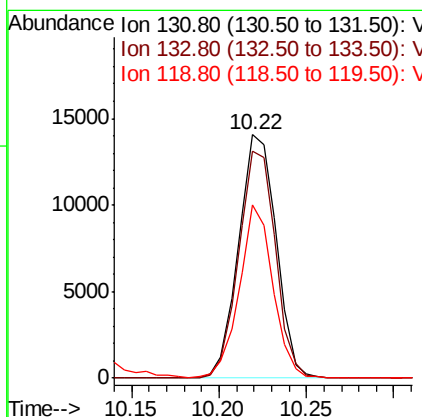
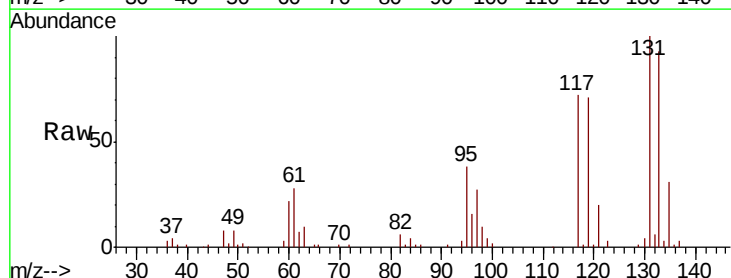
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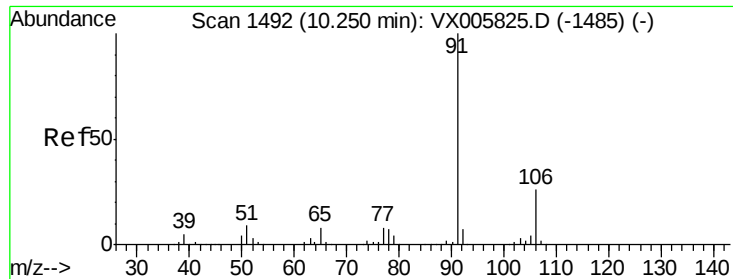
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.731 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion:131 Resp: 20959
Ion Ratio Lower Upper
131 100
133 91.5 47.5 142.5
119 63.8 31.8 95.3





#67

Ethyl Benzene

Concen: 20.728 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampled :

VX1108WBS02

Tot Ion: 91 Resp: 96654

Ion Ratio Lower Upper

91 100

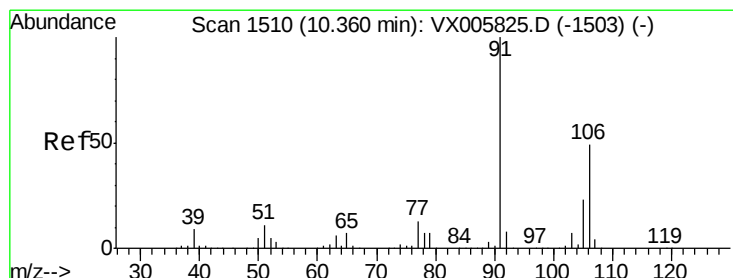
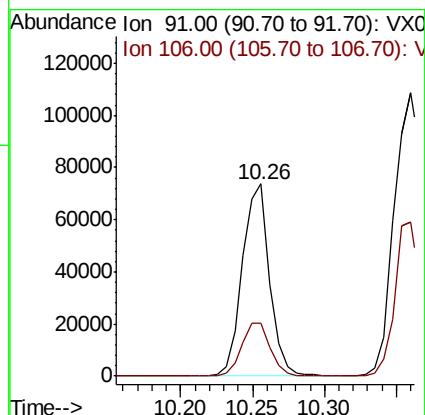
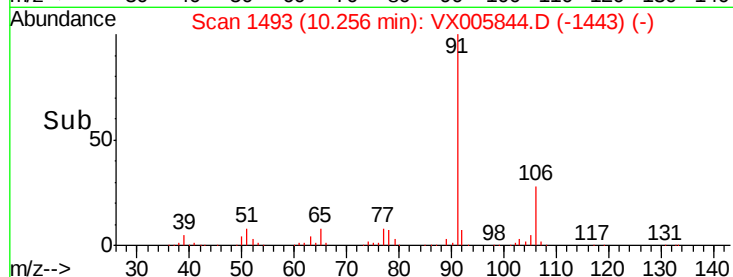
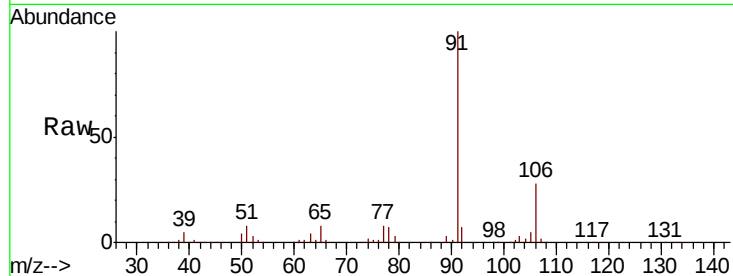
106 27.8 24.4 36.6

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#68

m/p-Xylenes

Concen: 43.920 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005844.D

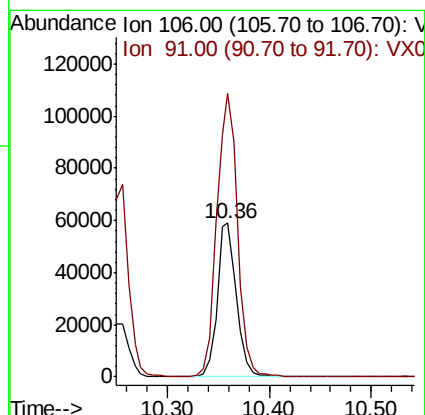
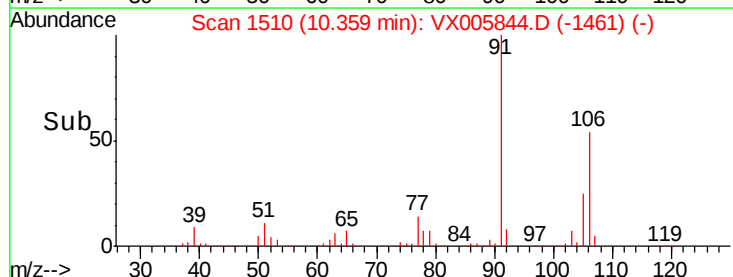
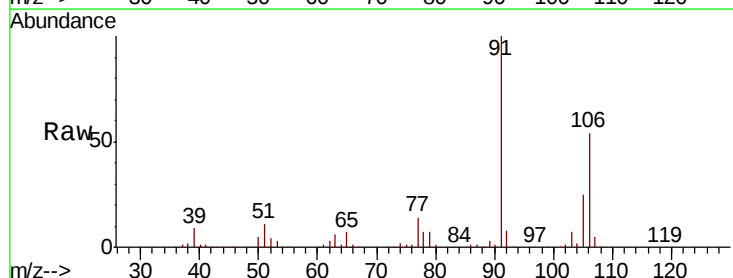
Acq: 08 Nov 2018 14:09

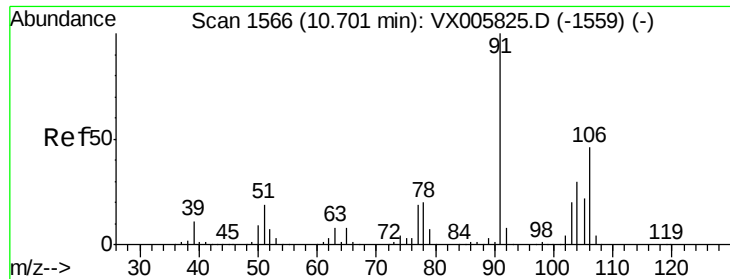
Tgt Ion: 106 Resp: 78118

Ion Ratio Lower Upper

106 100

91 198.8 164.2 246.4





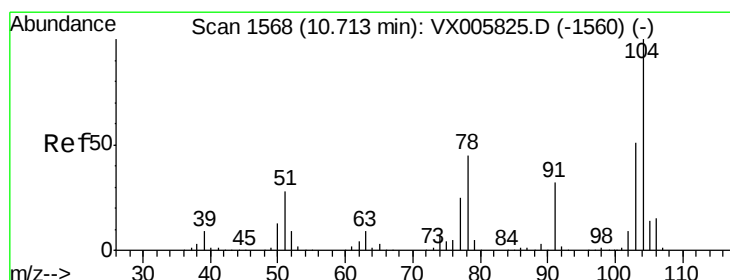
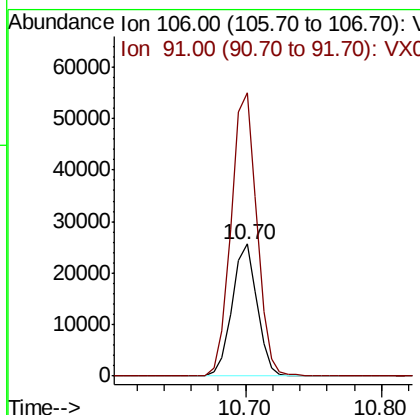
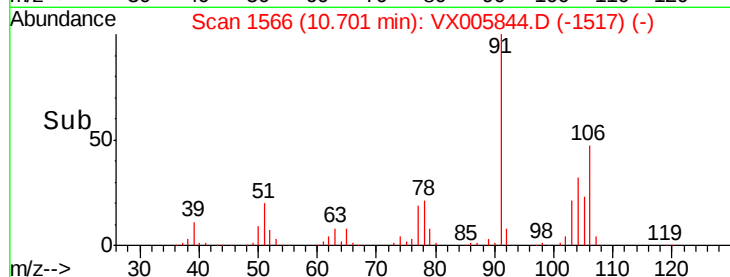
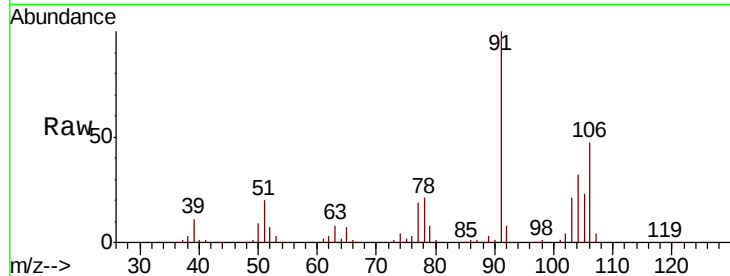
#69
o-Xylene
Concen: 20.608 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion:106 Resp: 32868
Ion Ratio Lower Upper
106 100
91 220.3 108.5 325.5

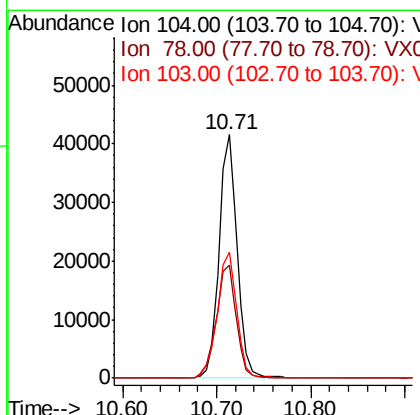
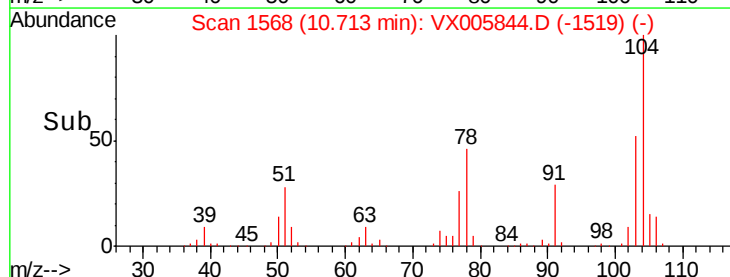
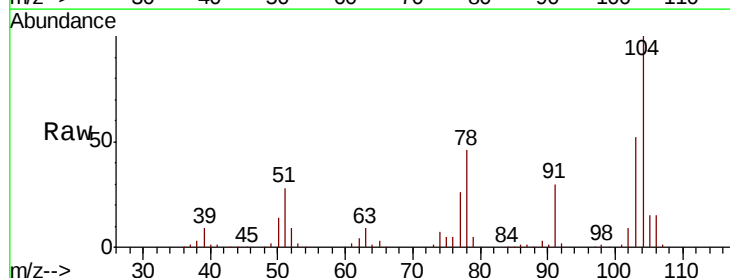
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#70
Styrene
Concen: 21.096 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion:104 Resp: 55503
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.4
103 55.9 44.9 67.3





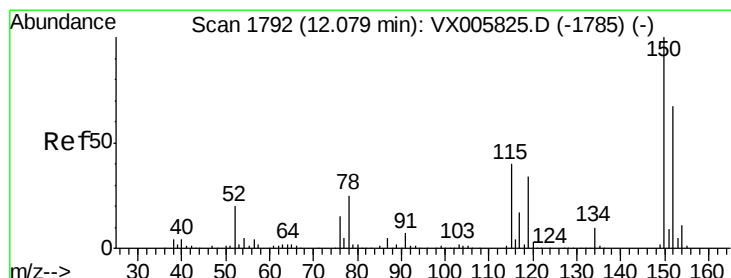
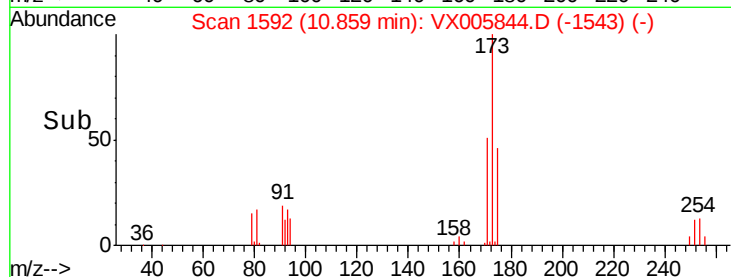
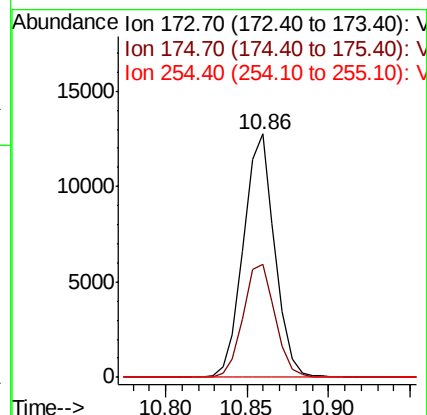
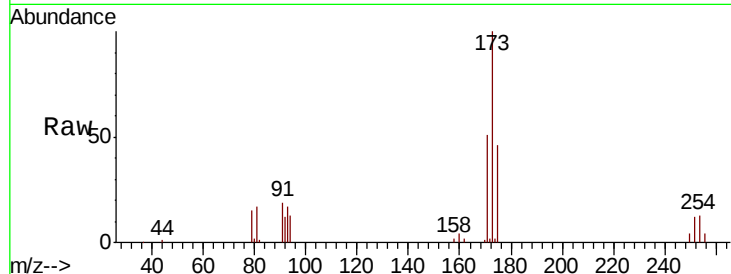
#71
Bromoform
Concen: 20.064 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX1108WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.8	74.3
254	0.0	0.2	0.2

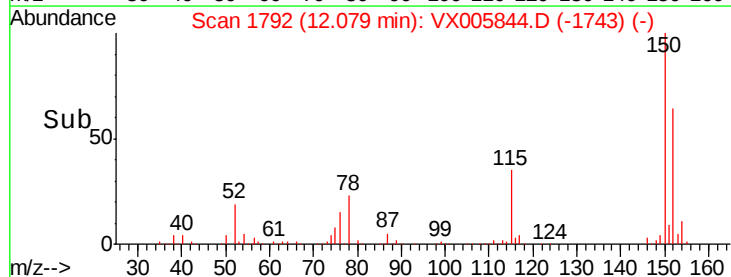
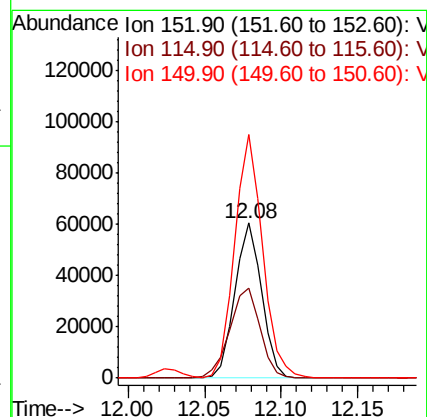
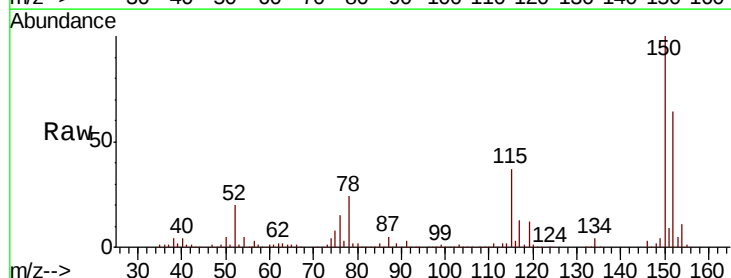
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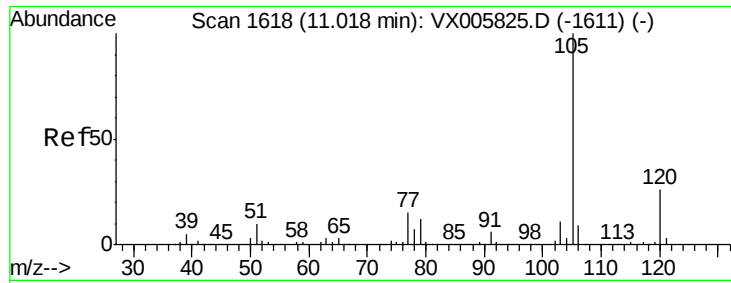
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	39.4	118.1
150	163.7	0.0	346.4





#73

Isopropylbenzene

Concen: 21.788 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampled :

VX1108WBS02

Tot Ion:105 Resp: 92603

Ion Ratio Lower Upper

105 100

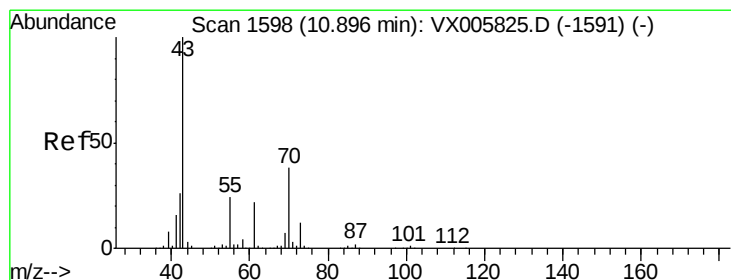
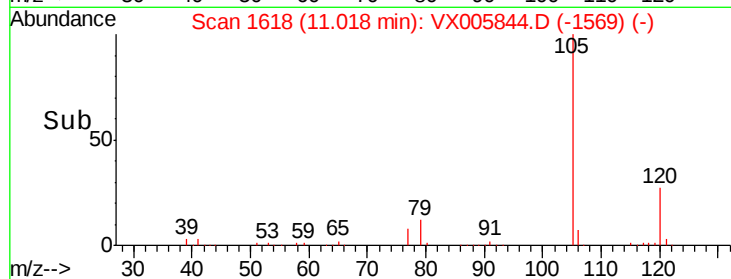
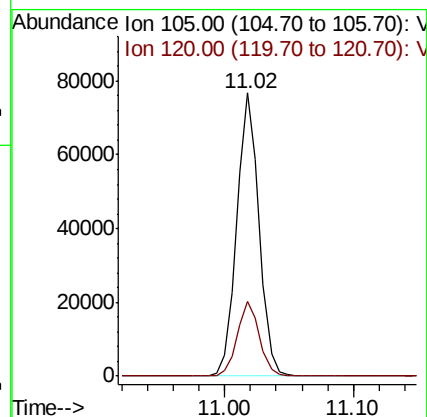
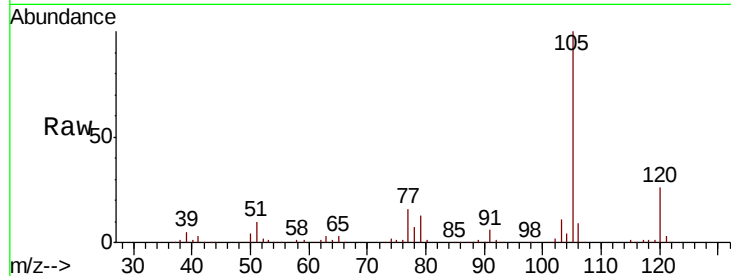
120 26.1 13.1 39.3

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#74

N-ethyl acetate

Concen: 19.223 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Tgt Ion: 43 Resp: 43960

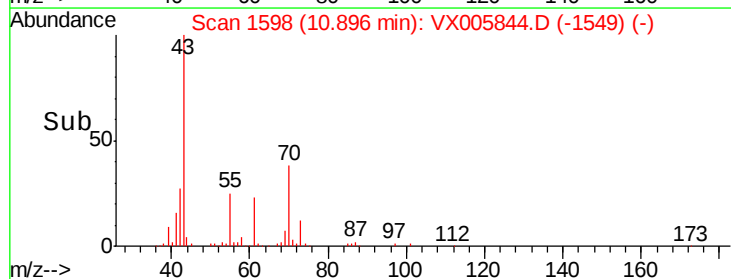
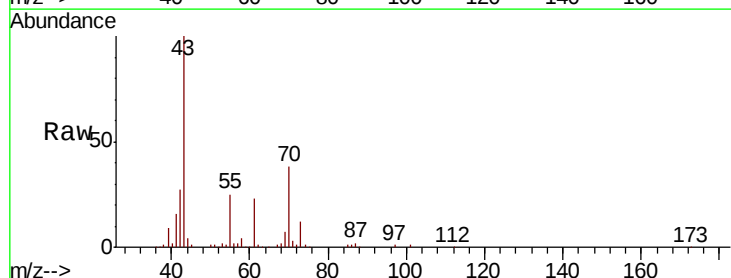
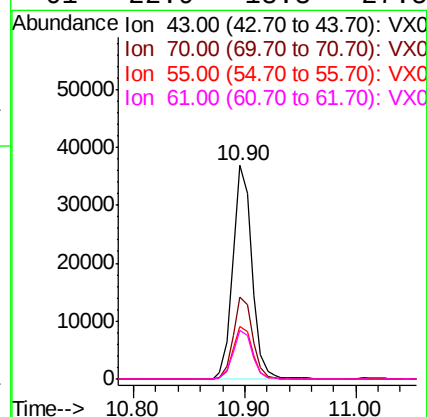
Ion Ratio Lower Upper

43 100

70 38.6 31.6 47.4

55 25.1 19.7 29.5

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.242 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

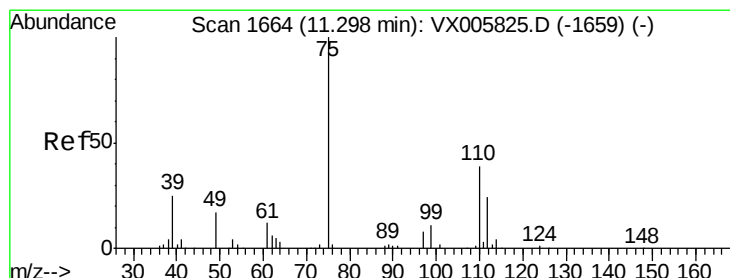
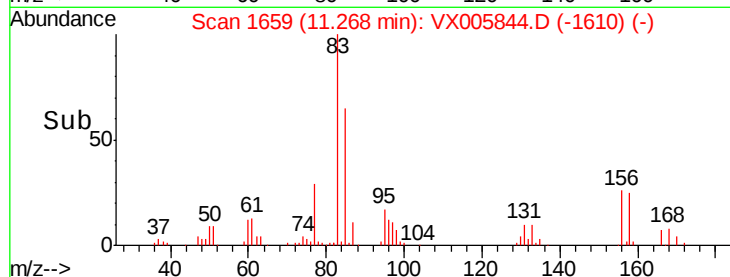
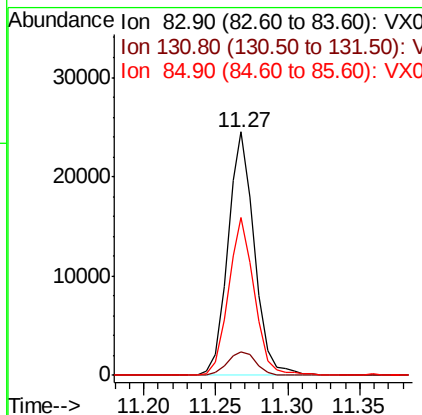
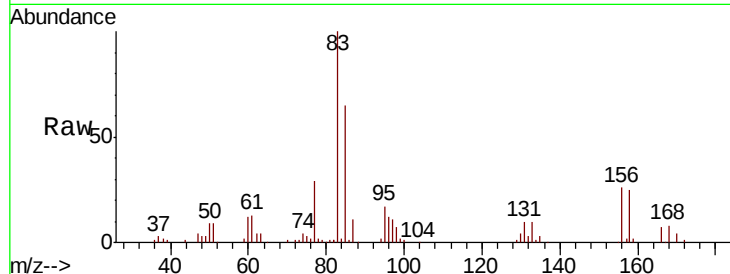
ClientSampleId :

VX1108WBS02

Tot Ion:	83	Resp:	31578
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.9
85	63.6	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 21.061 ug/l m

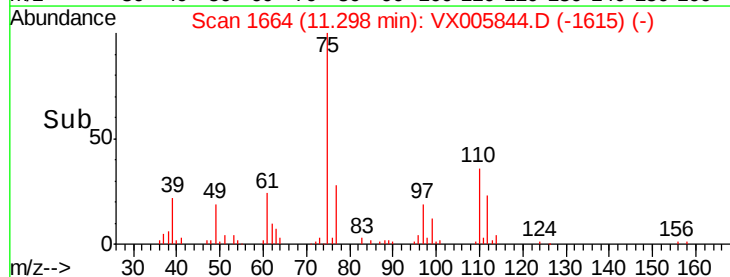
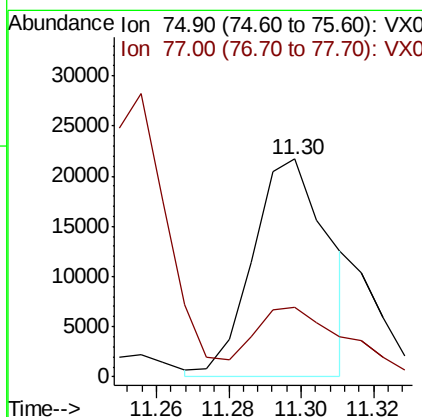
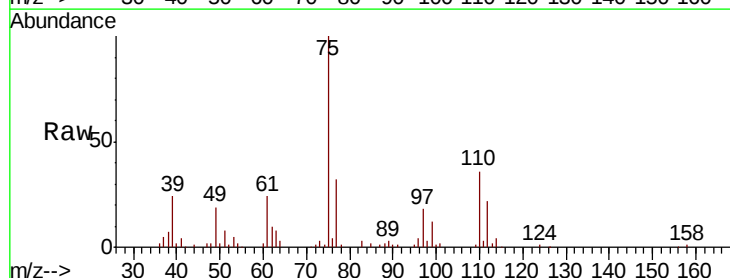
RT: 11.30 min Scan# 1664

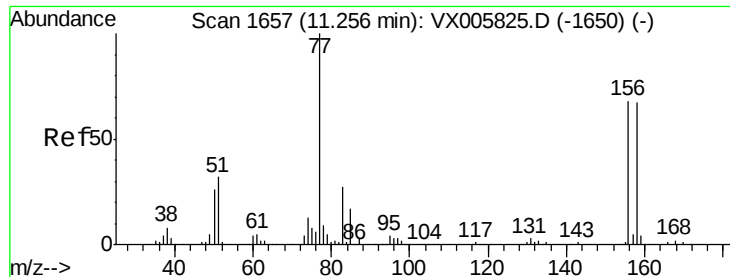
Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Tgt Ion:	75	Resp:	31519
Ion	Ratio	Lower	Upper
75	100		
77	39.0	20.5	61.6





#77

Bromobenzene

Concen: 20.689 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion:156 Resp: 24785

Ion Ratio Lower Upper

156 100

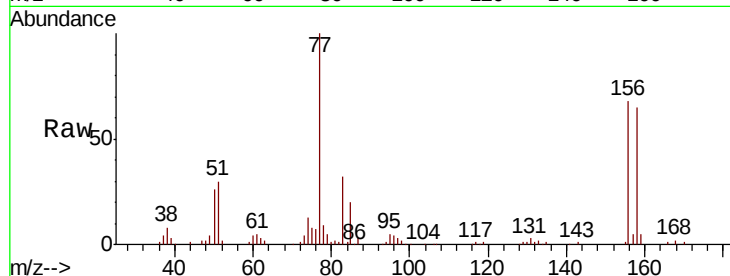
77 148.2 74.8 224.4

158 96.4 49.1 147.3

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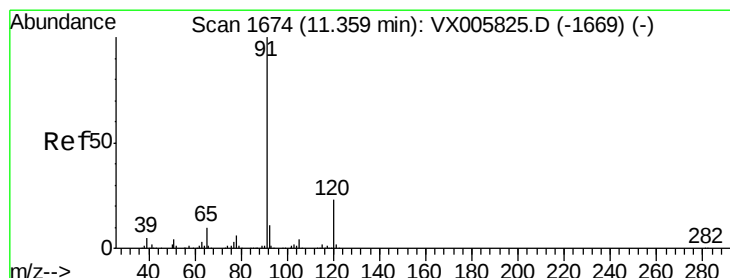
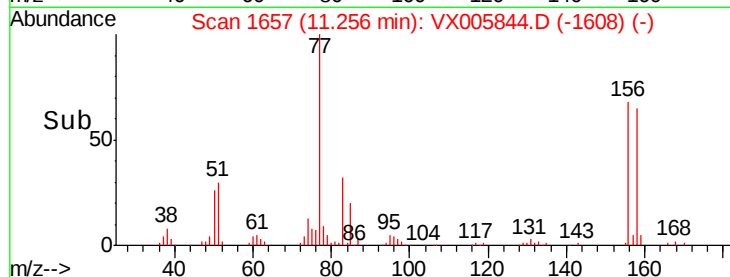
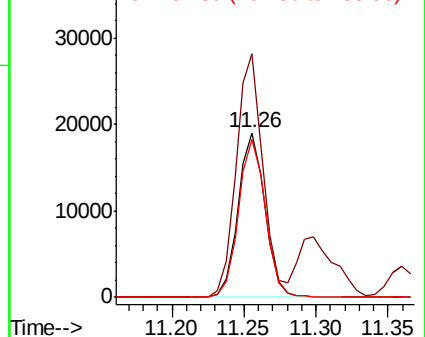
11/9/2018 11:37:10 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.346 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005844.D

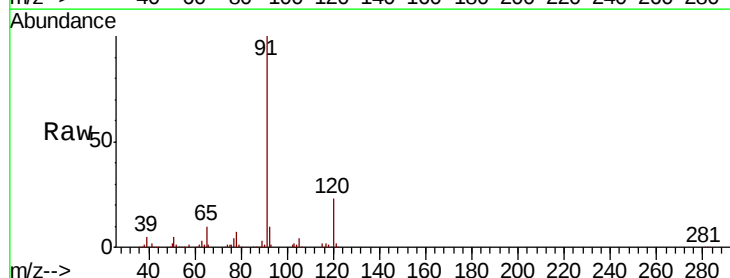
Acq: 08 Nov 2018 14:09

Tgt Ion: 91 Resp: 106920

Ion Ratio Lower Upper

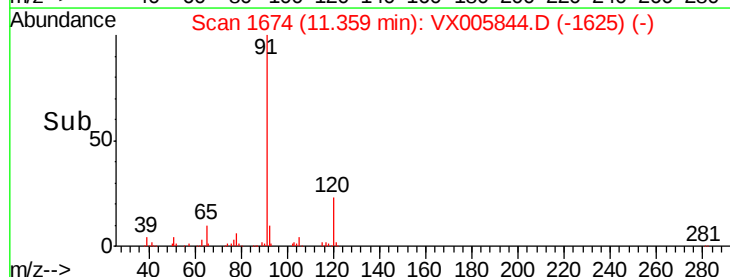
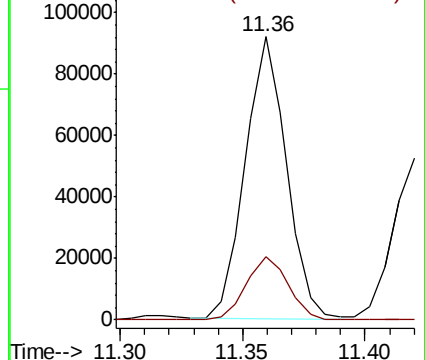
91 100

120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.353 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampled :

VX1108WBS02

Tot Ion: 91 Resp: 64649

Ion Ratio Lower Upper

91 100

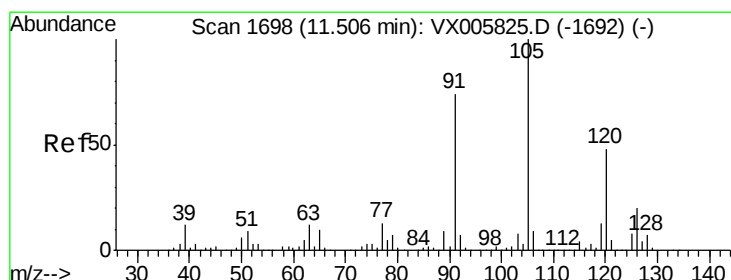
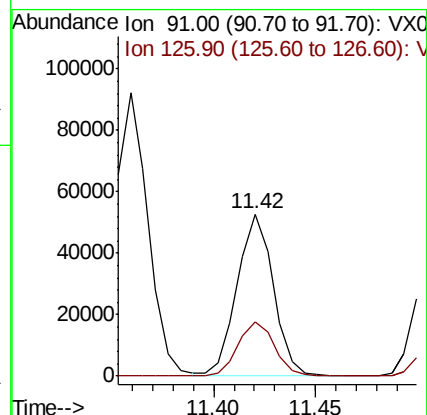
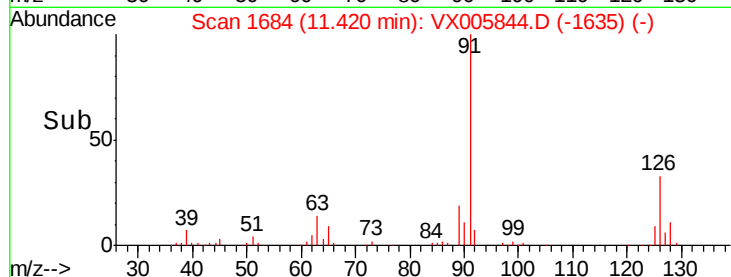
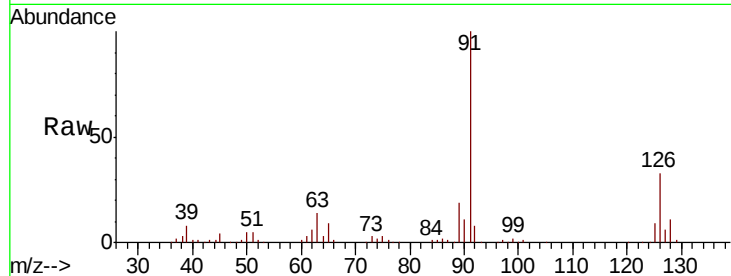
126 34.0 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.640 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005844.D

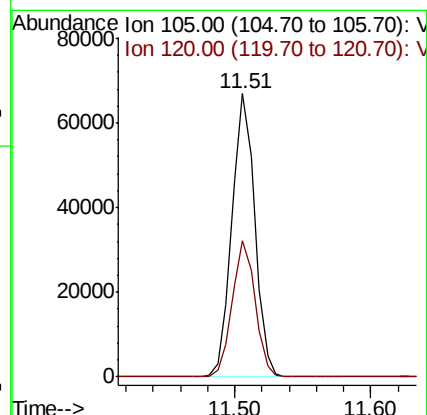
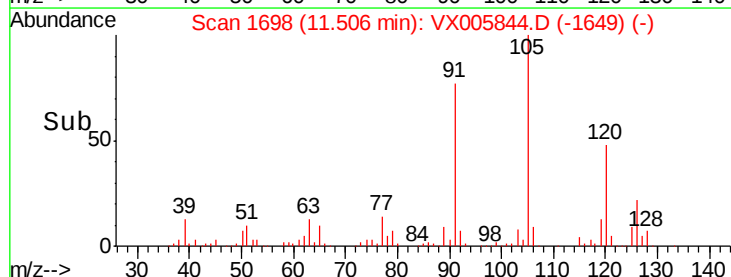
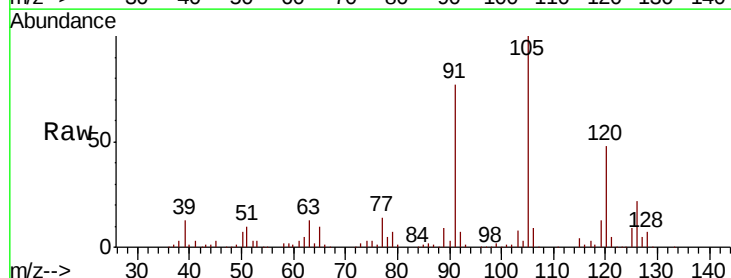
Acq: 08 Nov 2018 14:09

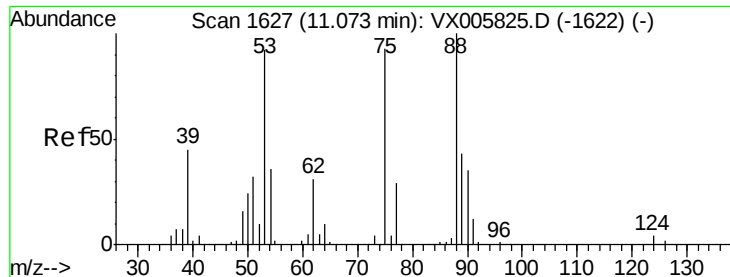
Tgt Ion: 105 Resp: 78160

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 20.091 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

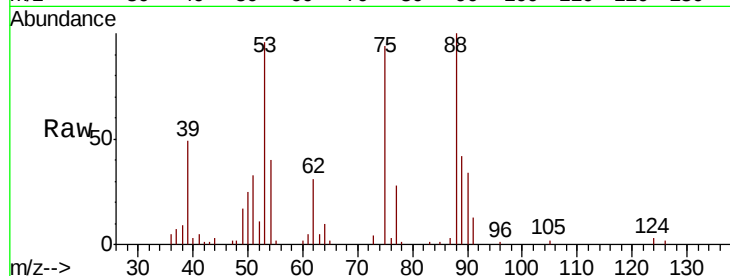
ClientSampled :

VX1108WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.3	80.2	120.2
89	46.5	39.8	59.8

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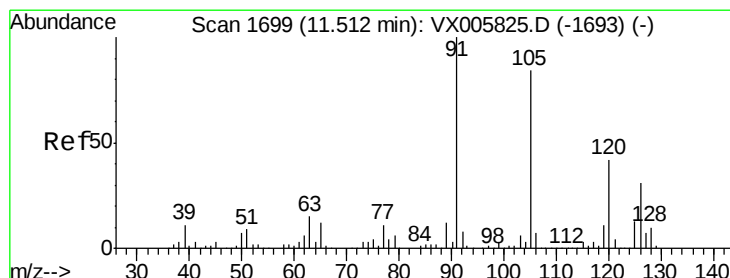
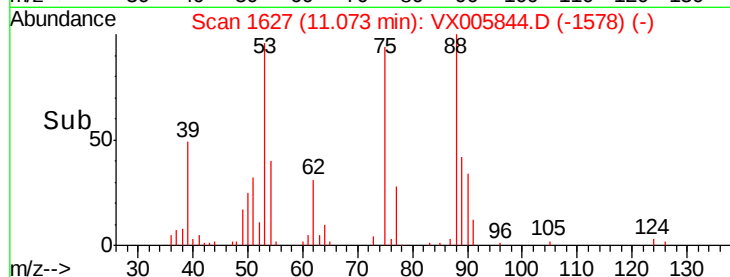
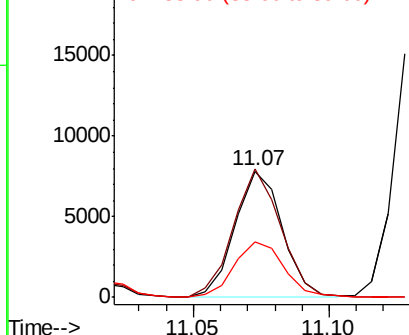


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.278 ug/l

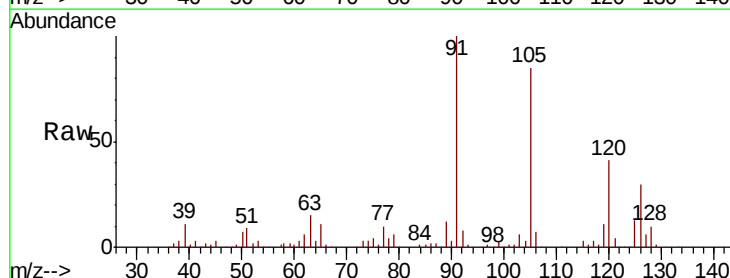
RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

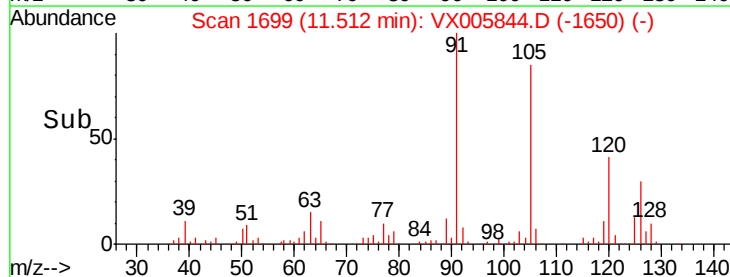
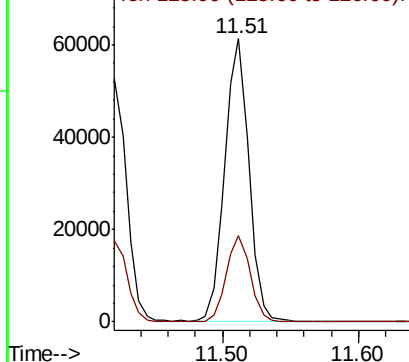
Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.6



Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.746 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

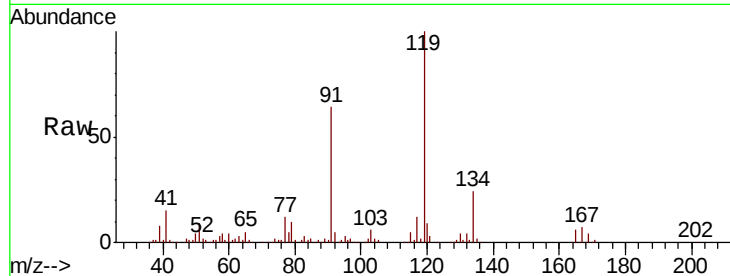
ClientSampleId :

VX1108WBS02

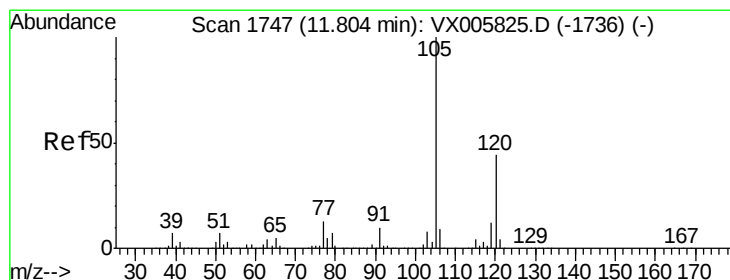
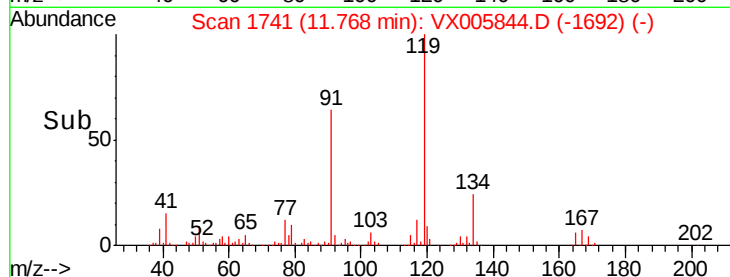
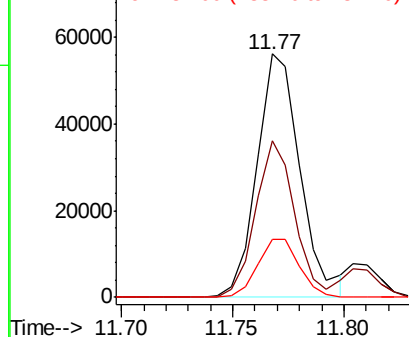
Tot Ion:	119	Resp:	75804
Ion Ratio	Lower	Upper	
119	100		
91	58.3	28.5	85.5
134	23.1	11.3	33.8

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.296 ug/l

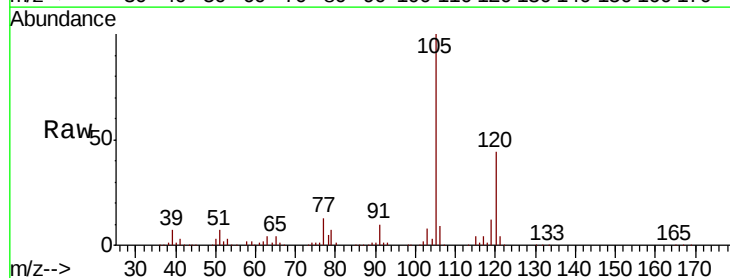
RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

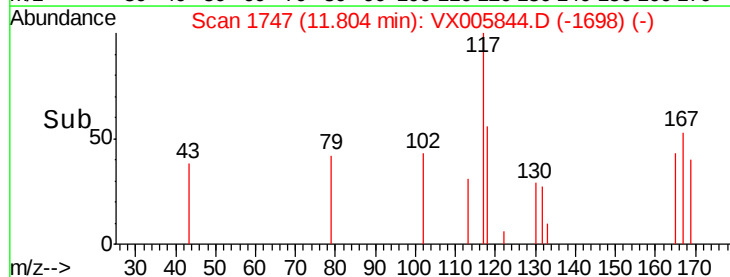
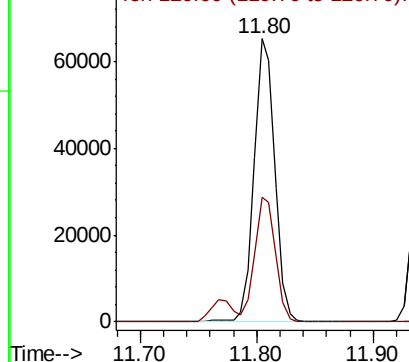
Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Tgt Ion:	105	Resp:	81183
Ion Ratio	Lower	Upper	
105	100		
120	43.7	22.4	67.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.770 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX1108WBS02

Tot Ion:105 Resp: 92807

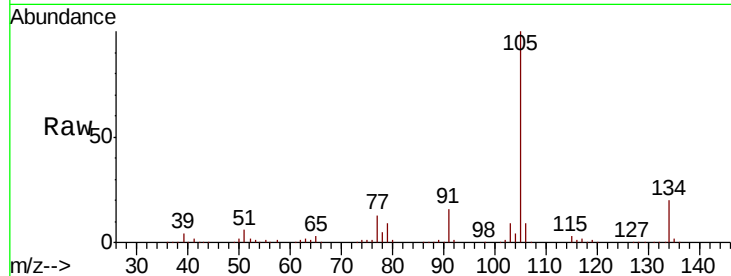
Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4

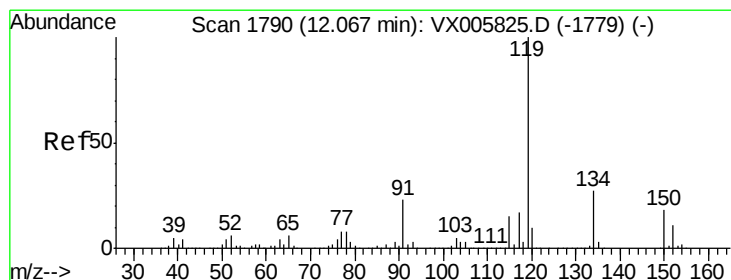
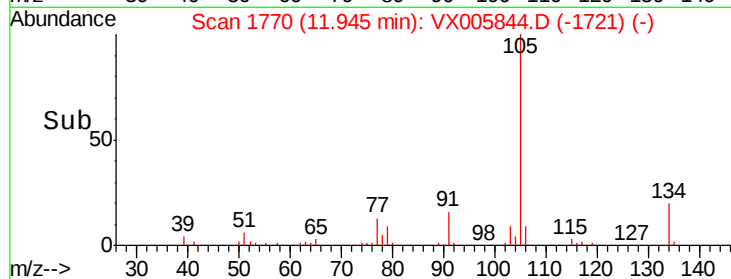
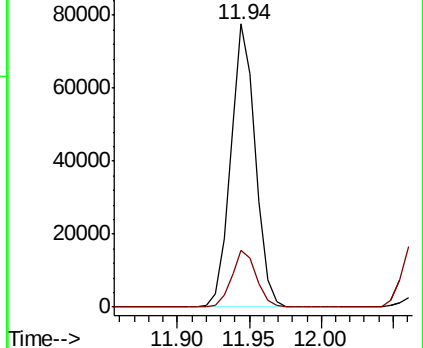
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.989 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

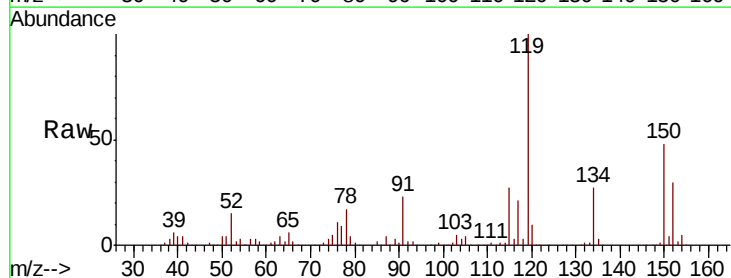
Tgt Ion:119 Resp: 83071

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

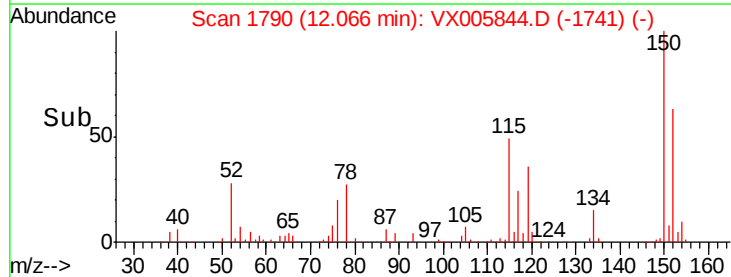
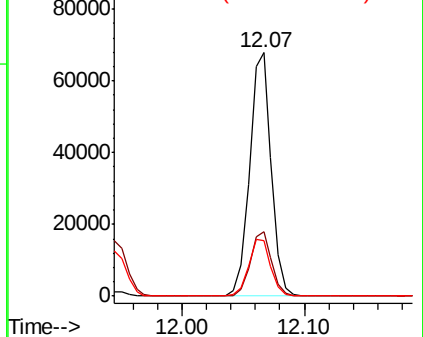
91 23.8 11.4 34.2



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





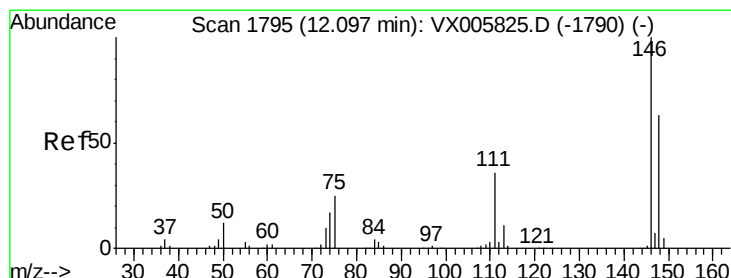
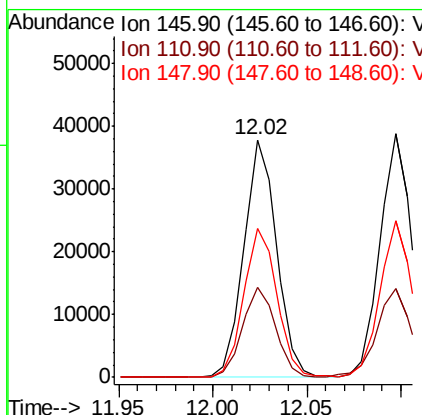
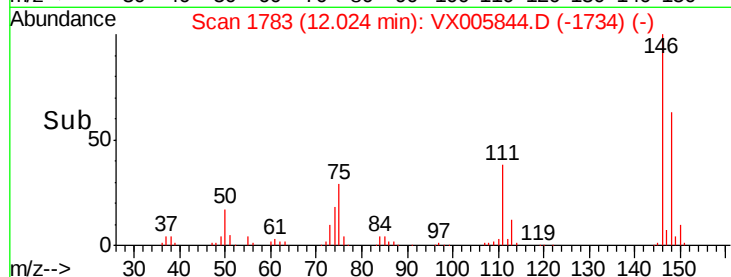
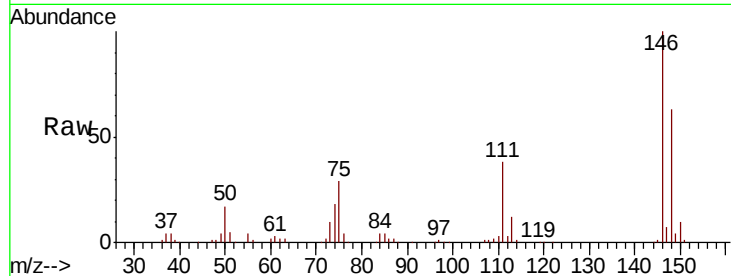
#87
 1,3-Dichlorobenzene
 Concen: 19.883 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	63.8	31.9	95.9

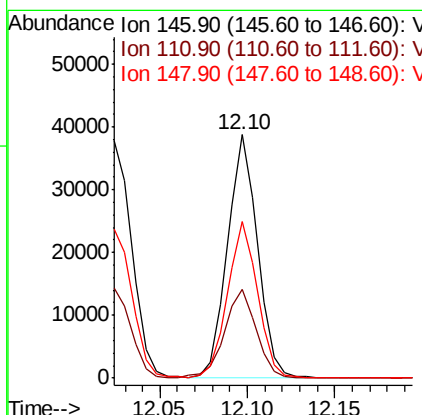
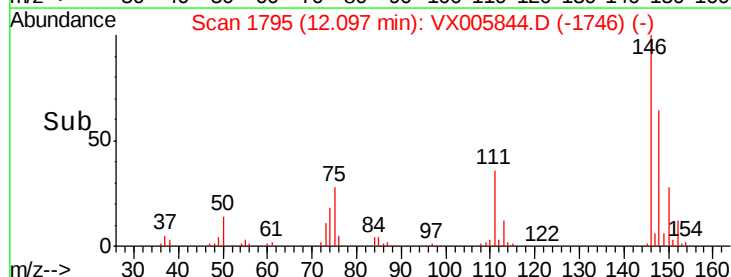
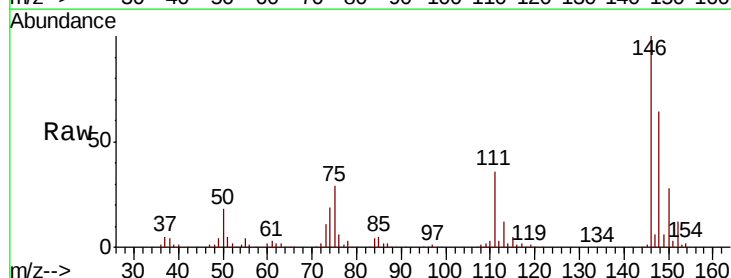
Manual Integrations
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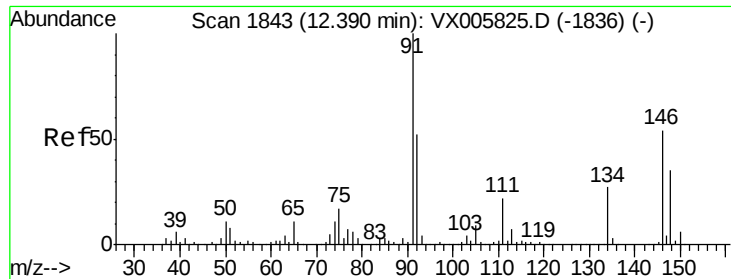
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#88
 1,4-Dichlorobenzene
 Concen: 19.638 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.6	55.8
148	64.7	32.1	96.3





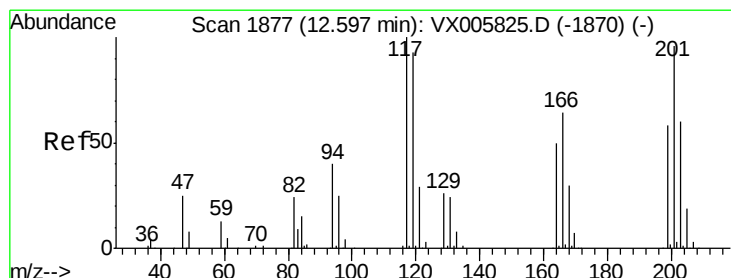
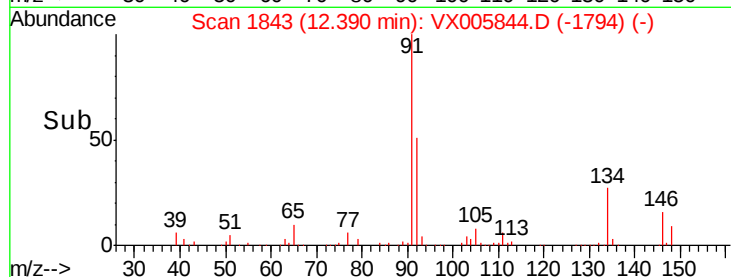
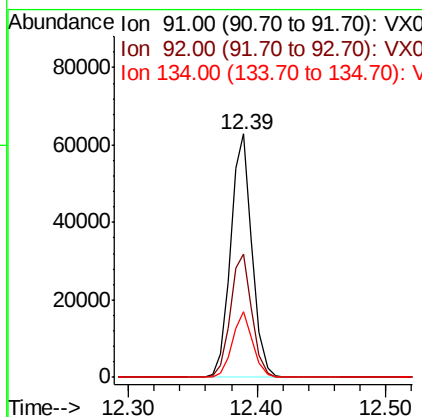
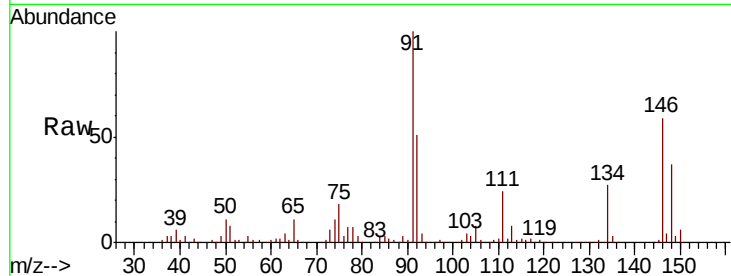
#89
n-Butylbenzene
Concen: 19.889 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Instrument :
MSVOA_X
ClientSampled :
VX1108WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.1	78.2
134	25.7	13.1	39.3

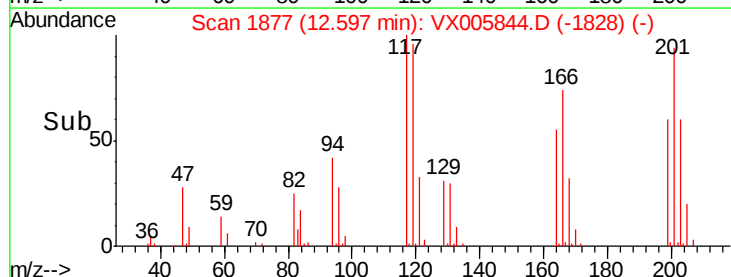
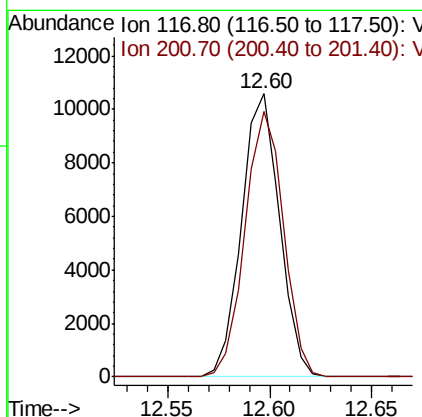
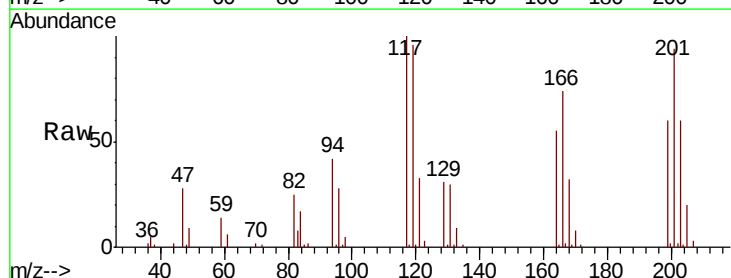
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#90
Hexachloroethane
Concen: 20.696 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005844.D
Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.0	47.9	143.6





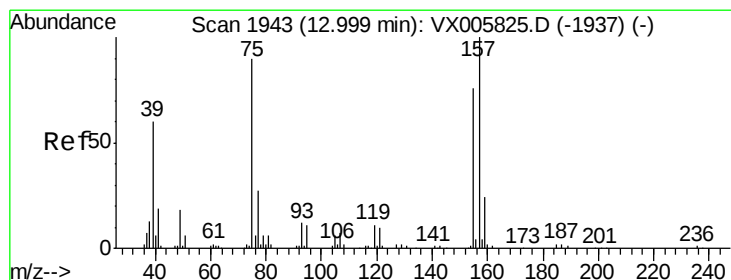
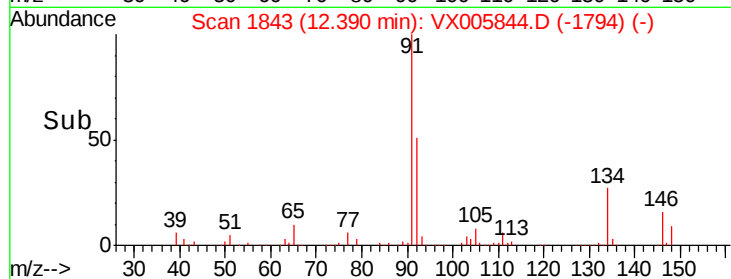
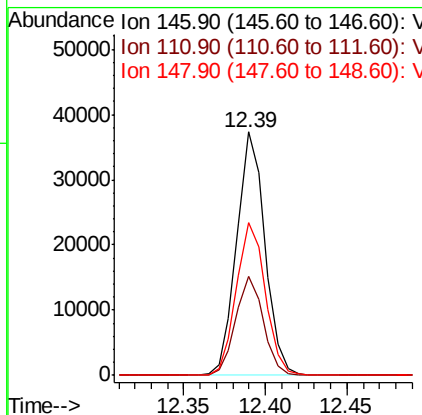
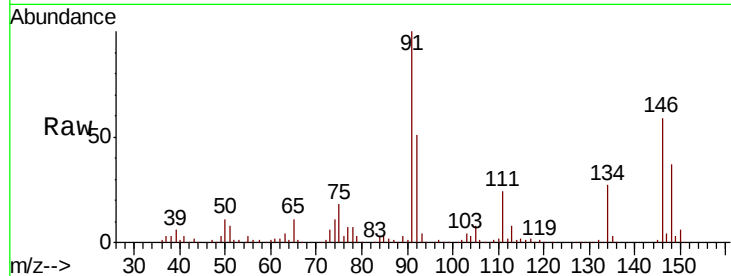
#91
 1,2-Dichlorobenzene
 Concen: 19.602 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.2	32.2	96.6

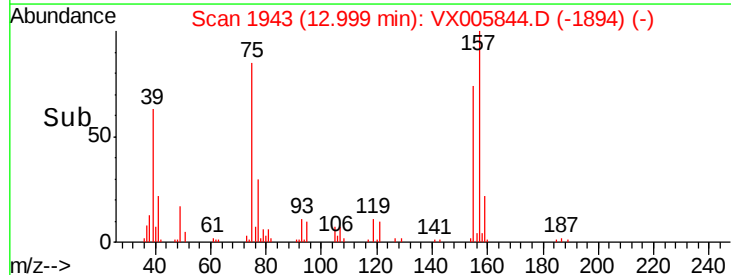
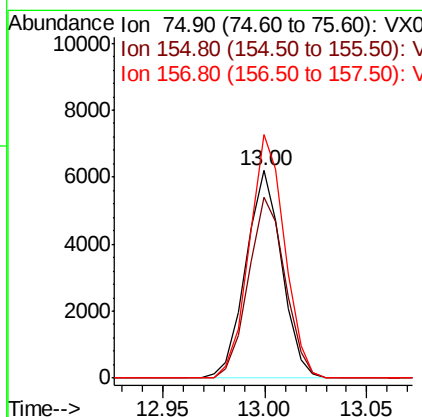
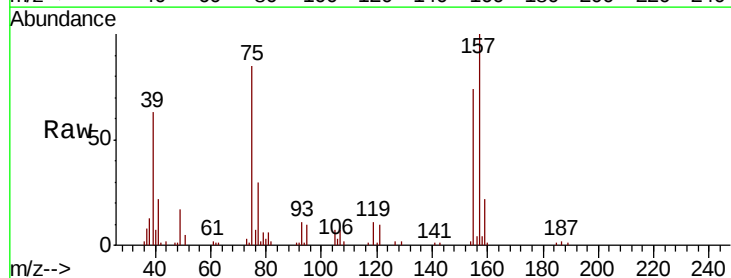
Manual Integrations
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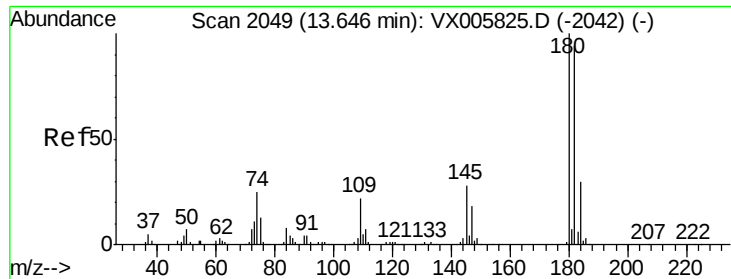
MMDadoda
 11/9/2018 11:37:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.898 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	45.4	136.1
157	115.8	57.4	172.0





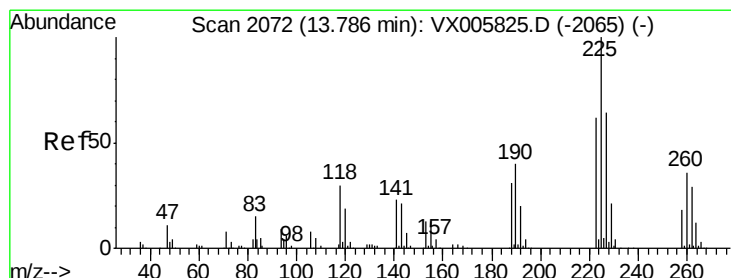
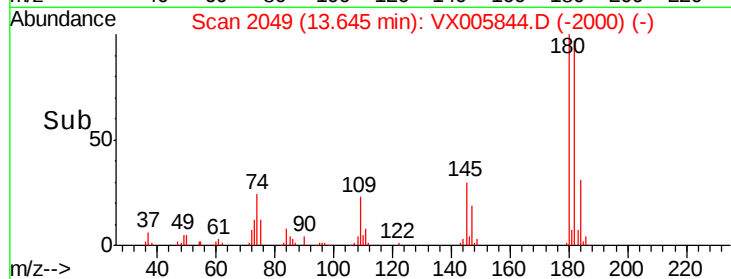
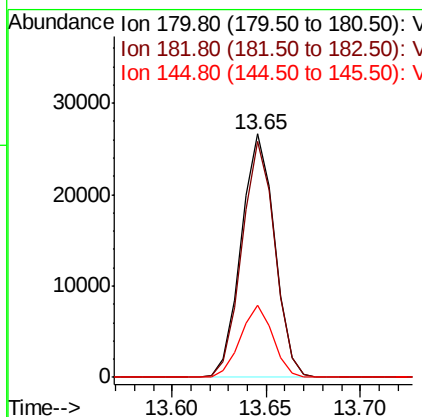
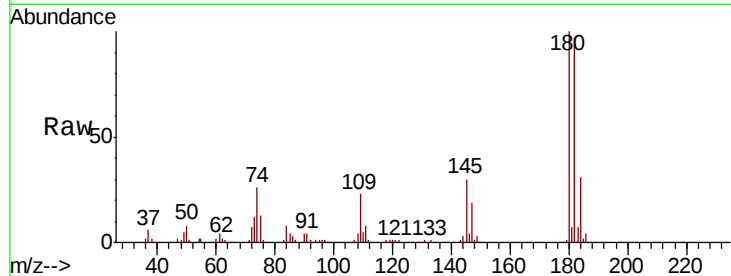
#93
 1,2,4-Trichlorobenzene
 Concen: 20.249 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 VX1108WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.6	142.8
145	28.6	14.1	42.2

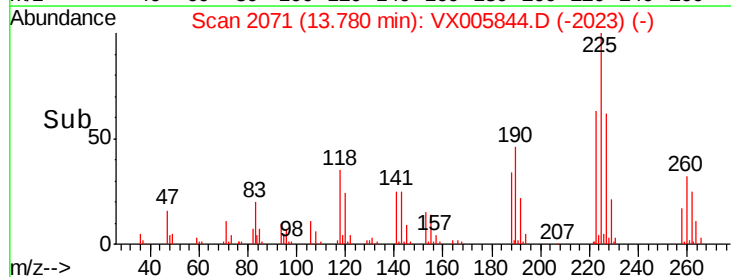
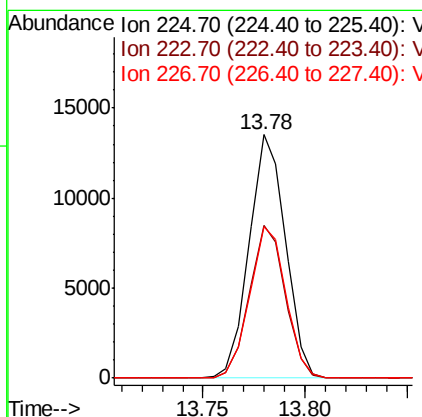
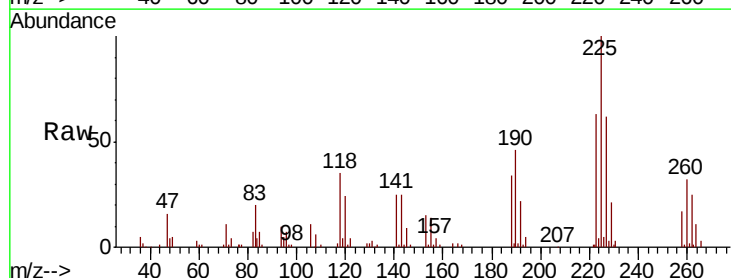
Manual Integrations
 APPROVED

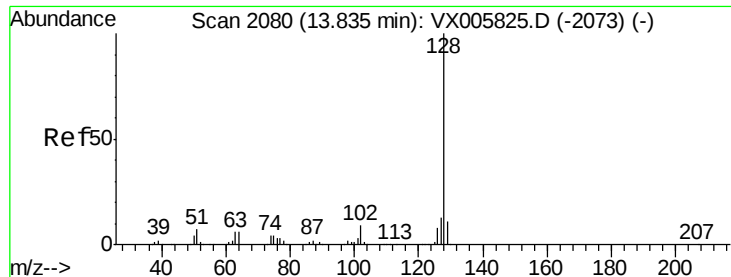
MMDadoda
 11/9/2018 11:37:10 AM



#94
 Hexachlorobutadiene
 Concen: 19.694 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005844.D
 Acq: 08 Nov 2018 14:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.7	95.1
227	62.0	32.3	96.9





#95

Naphthalene

Concen: 19.371 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Instrument :

MSVOA_X

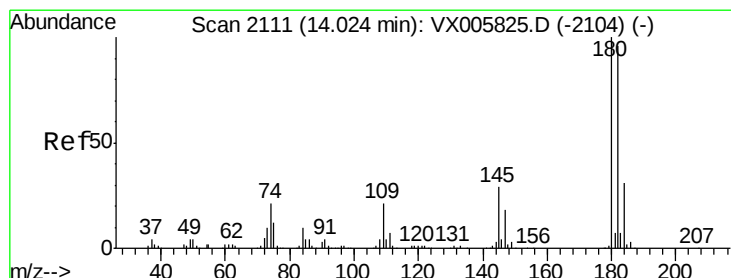
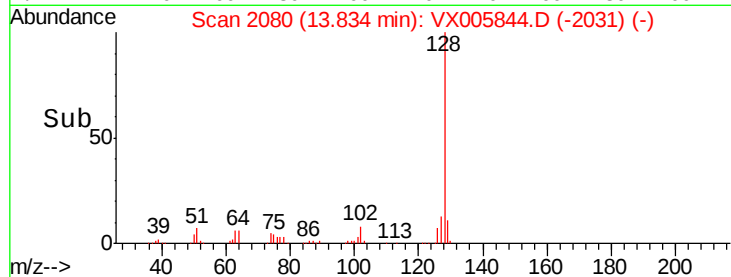
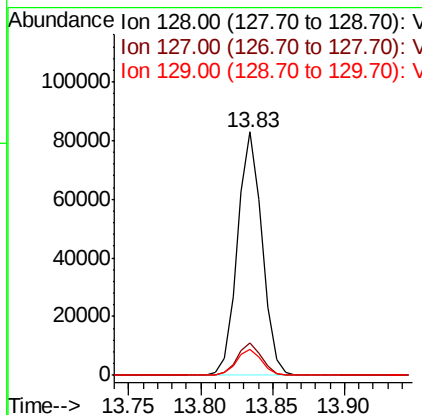
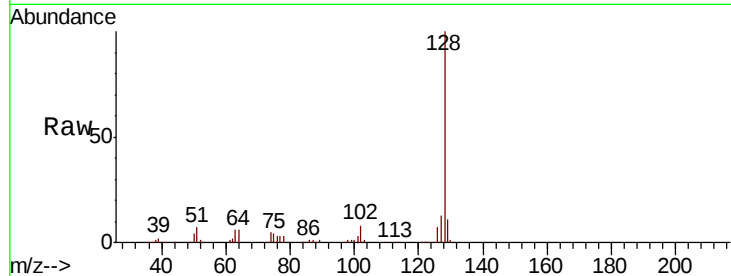
ClientSampleId :

VX1108WBS02

Tot Ion:	128	Resp:	98521
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/9/2018 11:37:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.737 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005844.D

Acq: 08 Nov 2018 14:09

Tgt Ion:	180	Resp:	34254
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.0	144.2
145	29.6	15.1	45.3

