

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028663.D
 Acq On : 13 May 2022 01:02
 Operator : JC/MD
 Sample : N2775-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-35S

Quant Time: May 13 02:51:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

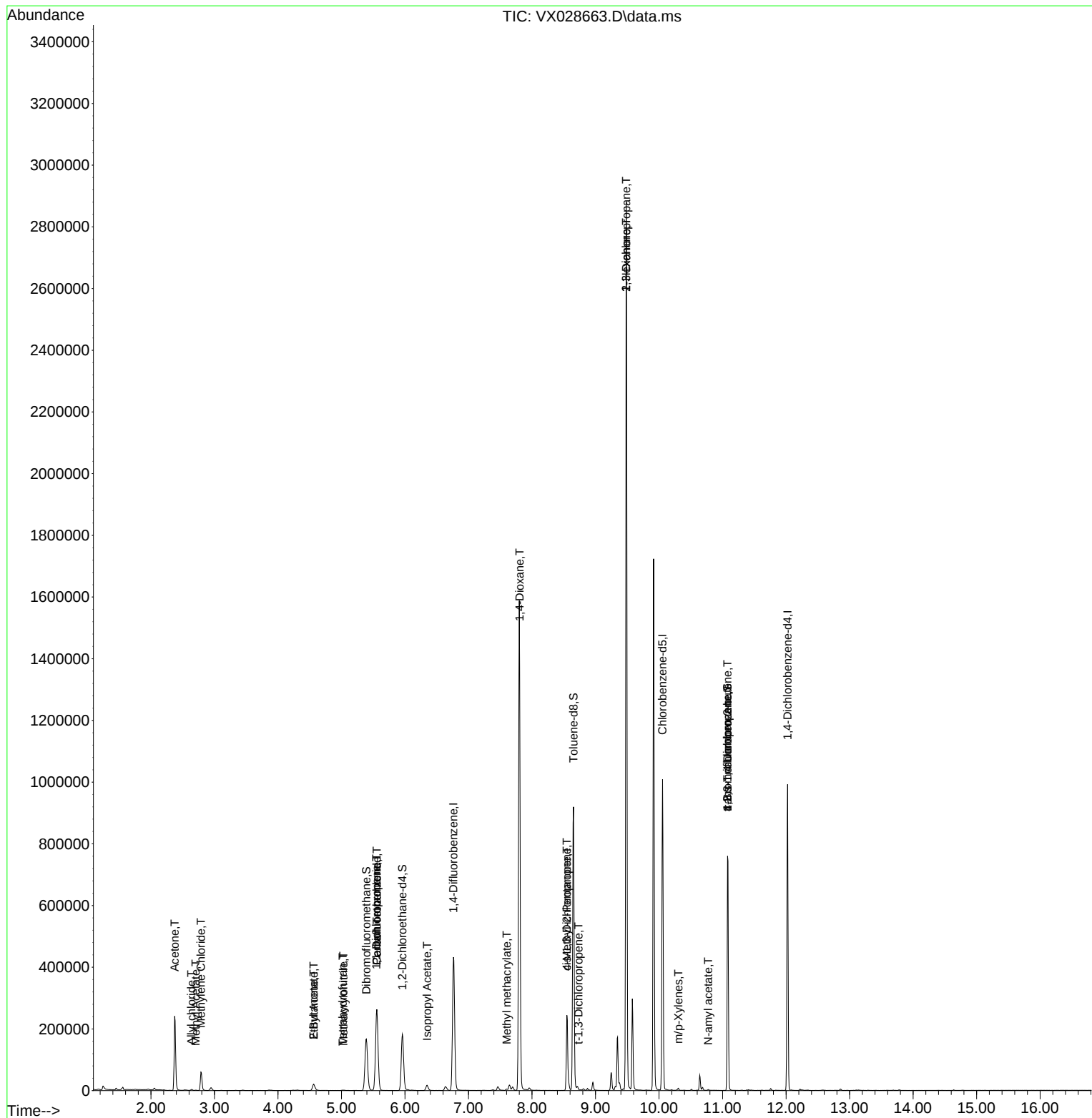
Internal Standards						
1) Pentafluorobenzene	5.556	168	237506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174484	53.594	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.180%	
35) Dibromofluoromethane	5.391	113	145827	50.633	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.260%	
50) Toluene-d8	8.653	98	545304	50.220	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	11.079	95	200131	49.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.700%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	531	Below Cal		92
6) Chloroethane	1.685	64	228	Below Cal	#	43
14) Allyl chloride	2.636	41	3419	0.867	ug/l #	40
16) Acetone	2.374	43	249590	178.629	ug/l	91
18) Methyl Acetate	2.703	43	1415	0.404	ug/l	93
20) Methylene Chloride	2.788	84	25949	8.852	ug/l	90
25) 2-Butanone	4.562	43	34606	15.779	ug/l	96
29) Tetrahydrofuran	5.019	42	1192	0.836	ug/l #	38
36) 1,1-Dichloropropene	5.550	75	19939	4.609	ug/l #	51
37) Ethyl Acetate	4.562	43	34606	7.659	ug/l #	65
38) Carbon Tetrachloride	5.556	117	25548	5.869	ug/l #	16
41) Methacrylonitrile	5.032	41	781	0.322	ug/l #	37
43) Isopropyl Acetate	6.348	43	23133	3.273	ug/l	93
48) Methyl methacrylate	7.604	41	7503	2.197	ug/l #	7
49) 1,4-Dioxane	7.805	88	222	2.602	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	88571	19.023	ug/l #	47
53) t-1,3-Dichloropropene	8.732	75	22	1.645	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	39659	8.196	ug/l #	72
57) 1,3-Dichloropropane	9.482	76	25684	4.670	ug/l #	43
59) 2-Hexanone	9.482	43	325167	89.891	ug/l #	44
68) m/p-Xylenes	10.305	106	1354	0.210	ug/l	78
74) N-amyl acetate	10.774	43	1202	0.209	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	107530	23.800	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	107530	69.375	ug/l #	15

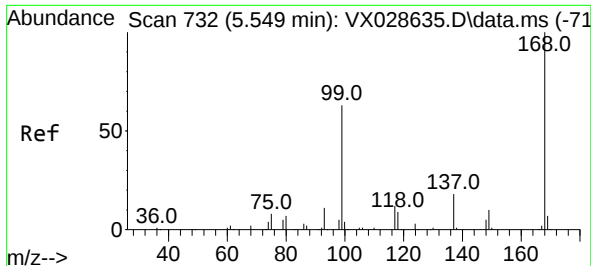
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
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Instrument :
MSVOA_X
ClientSampleId :
MH-35S

Quant Time: May 13 02:51:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

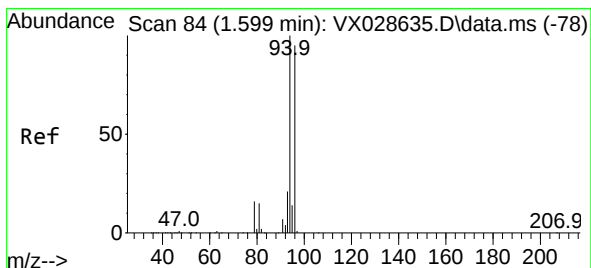
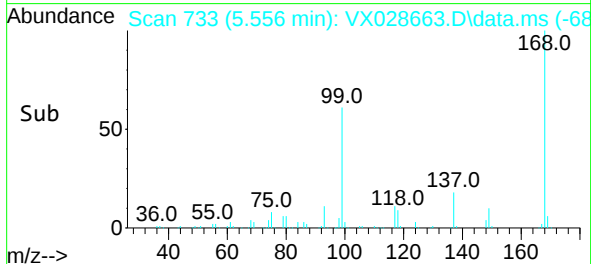
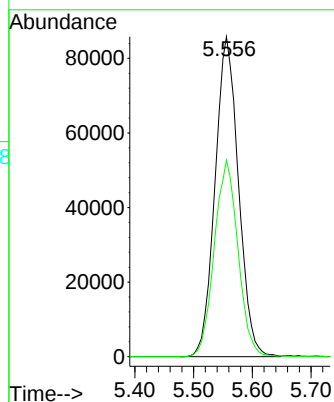
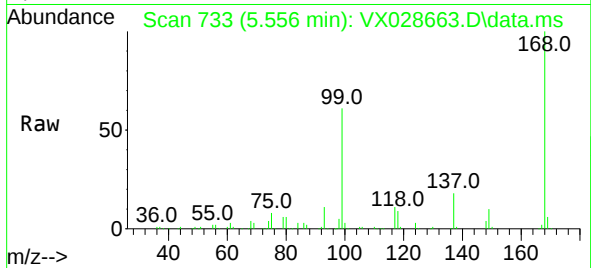




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

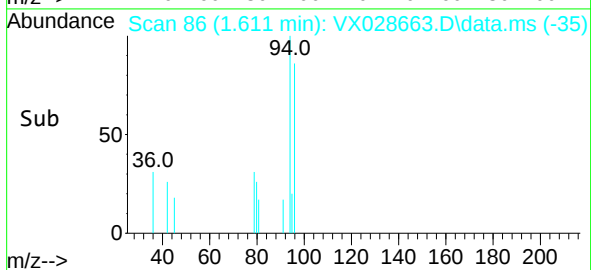
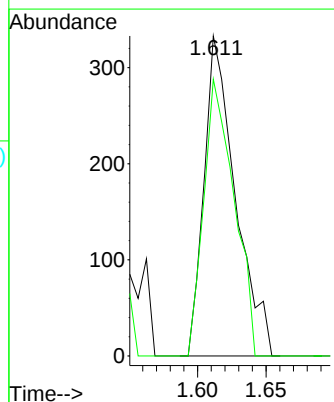
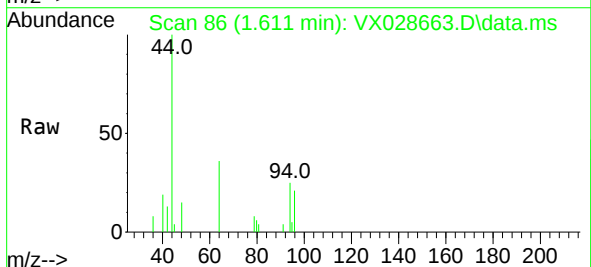
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

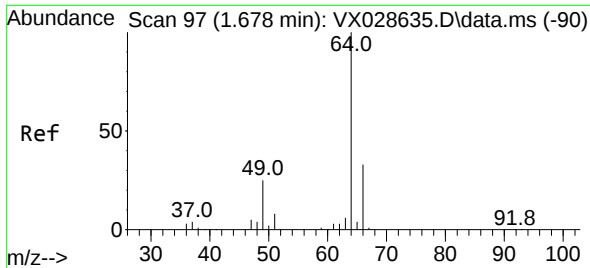
Tgt Ion:168 Resp: 237506
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 94 Resp: 531
Ion Ratio Lower Upper
94 100
96 86.5 75.3 112.9

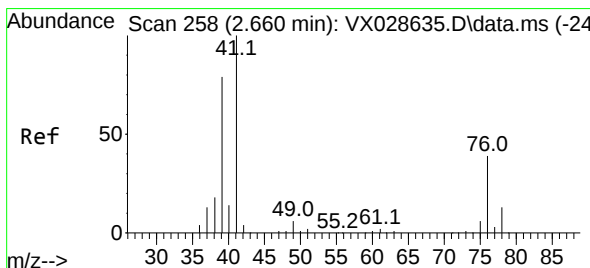
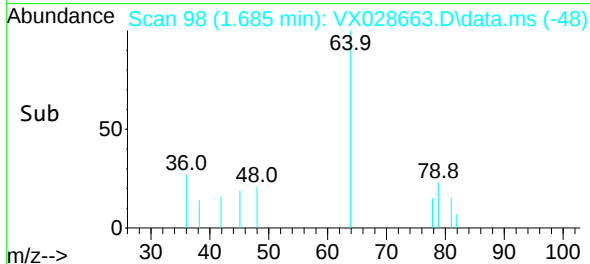
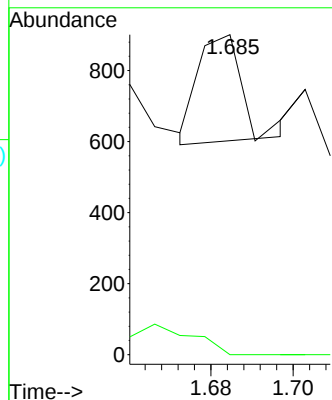
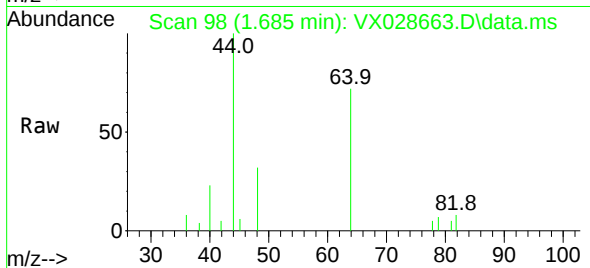




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

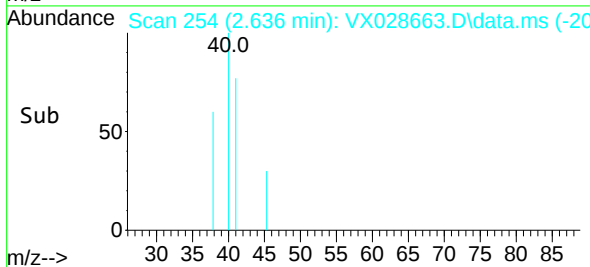
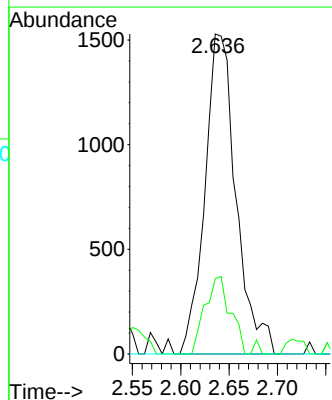
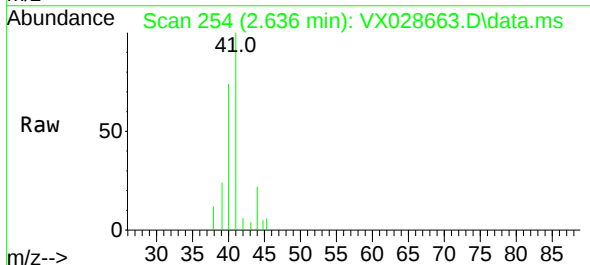
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

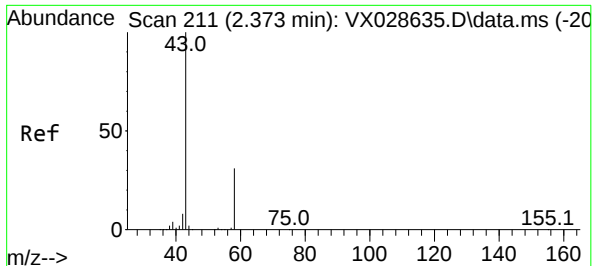
Tgt Ion: 64 Resp: 228
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#14
Allyl chloride
Concen: 0.867 ug/l
RT: 2.636 min Scan# 254
Delta R.T. -0.024 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 41 Resp: 3419
Ion Ratio Lower Upper
41 100
39 19.7 50.4 75.6#
76 0.0 32.7 49.1#

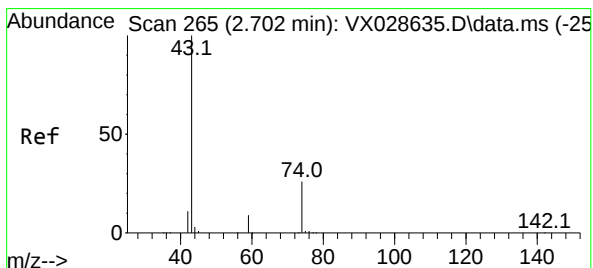
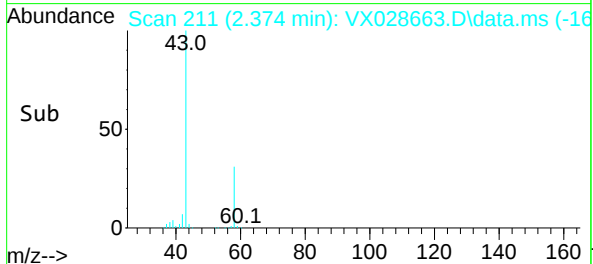
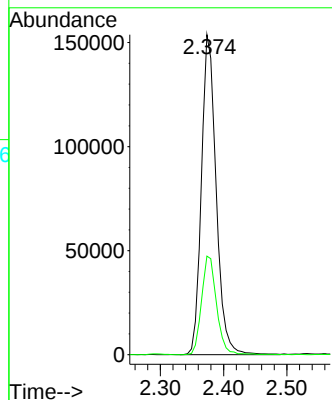
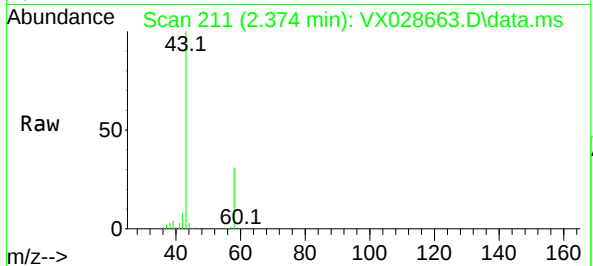




#16
Acetone
Concen: 178.629 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

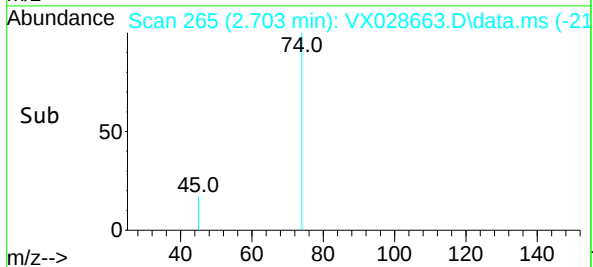
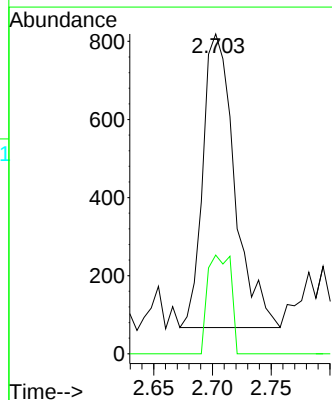
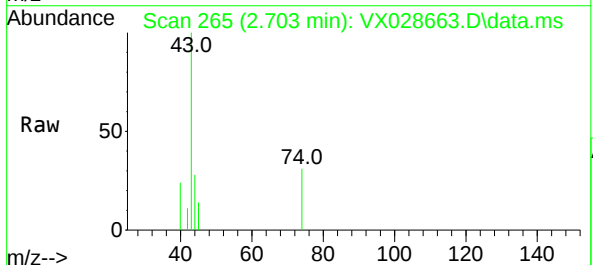
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

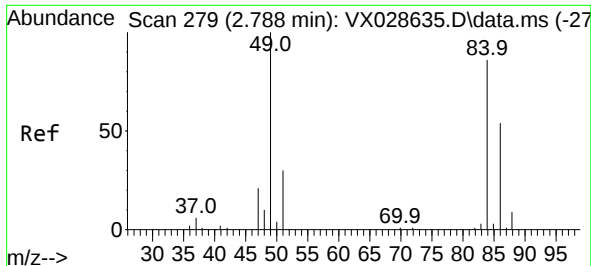
Tgt Ion: 43 Resp: 249590
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2



#18
Methyl Acetate
Concen: 0.404 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
74 24.7 22.8 34.2

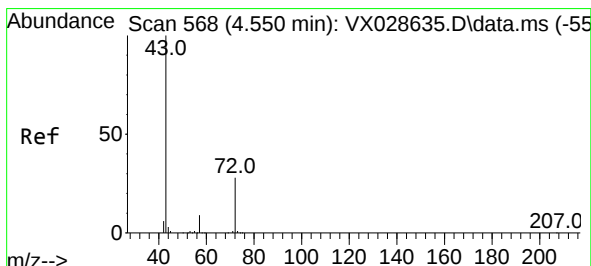
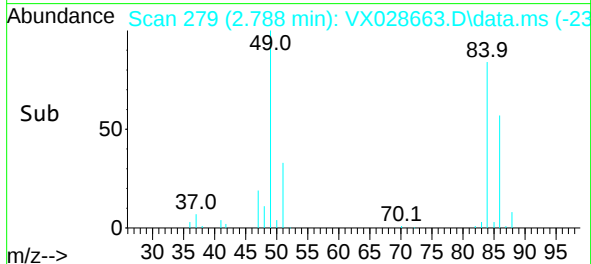
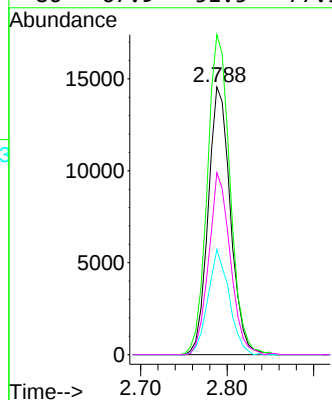
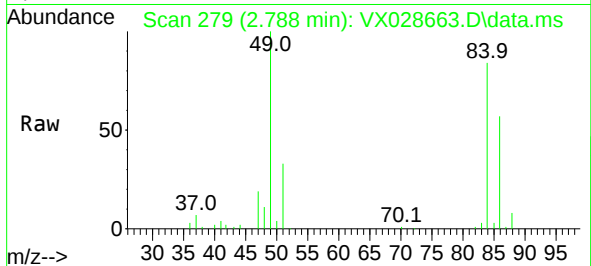




#20
Methylene Chloride
Concen: 8.852 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

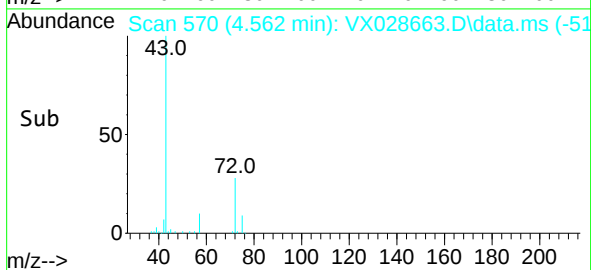
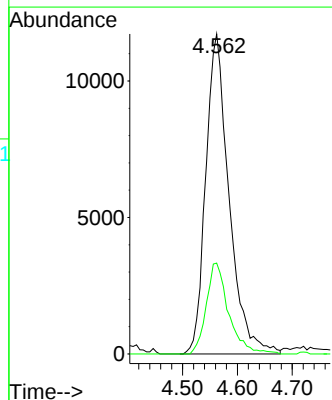
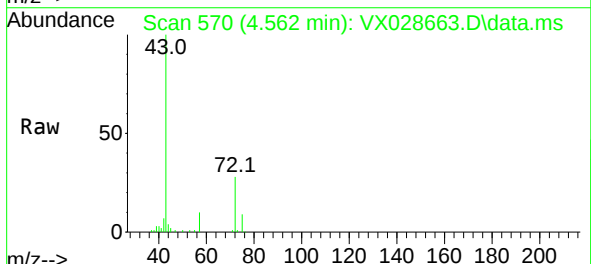
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

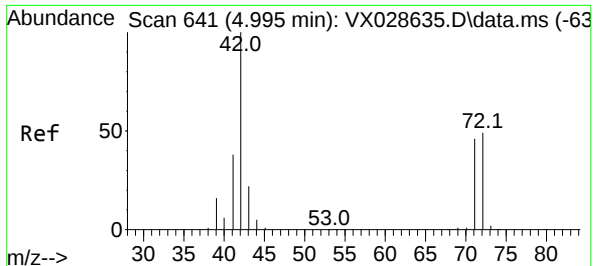
Tgt Ion:	84	Resp:	25949
Ion	Ratio	Lower	Upper
84	100		
49	119.5	85.5	128.3
51	39.3	26.6	39.8
86	67.9	51.5	77.3



#25
2-Butanone
Concen: 15.779 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion:	43	Resp:	34606
Ion	Ratio	Lower	Upper
43	100		
72	28.4	24.4	36.6





#29

Tetrahydrofuran

Concen: 0.836 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.024 min

Lab File: VX028663.D

Acq: 13 May 2022 01:02

Instrument :

MSVOA_X

ClientSampleId :

MH-35S

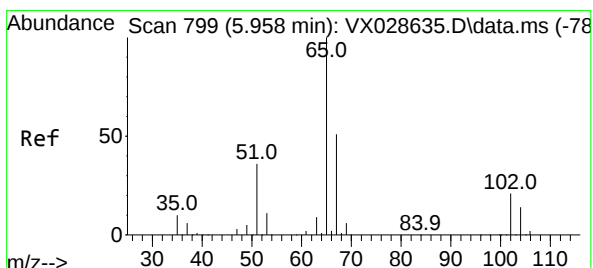
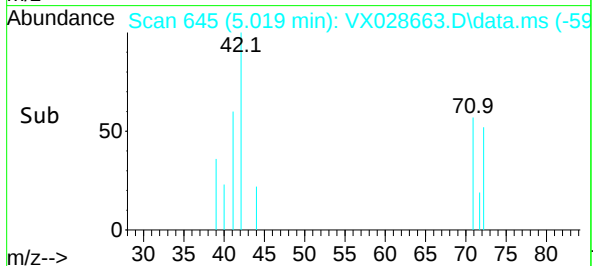
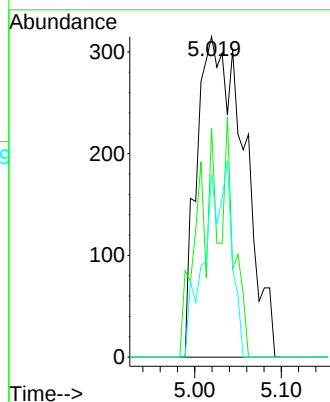
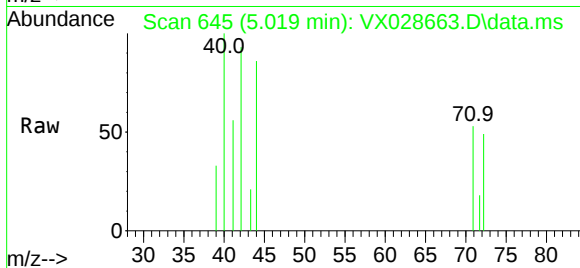
Tgt Ion: 42 Resp: 1192

Ion Ratio Lower Upper

42 100

72 17.0 44.1 66.1#

71 0.0 40.5 60.7#



#33

1,2-Dichloroethane-d4

Concen: 53.594 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028663.D

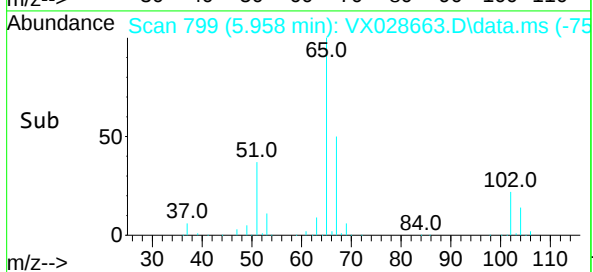
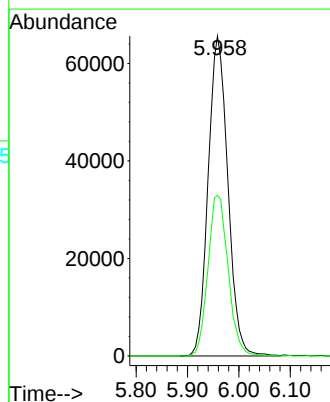
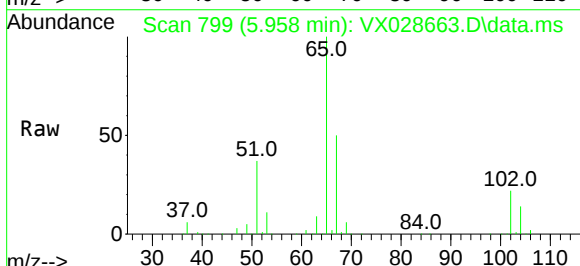
Acq: 13 May 2022 01:02

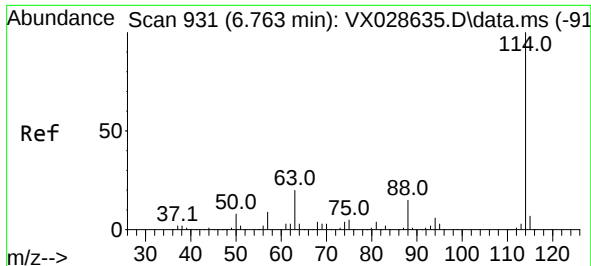
Tgt Ion: 65 Resp: 174484

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4

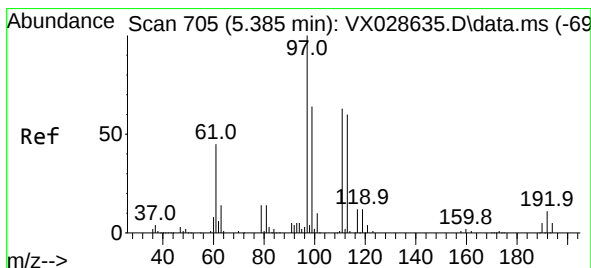
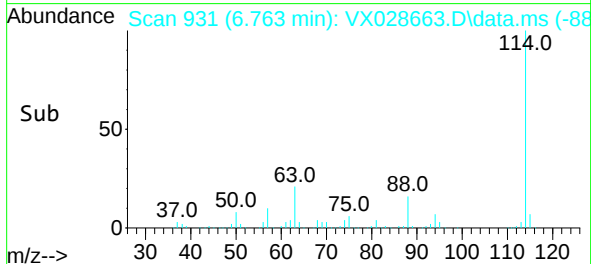
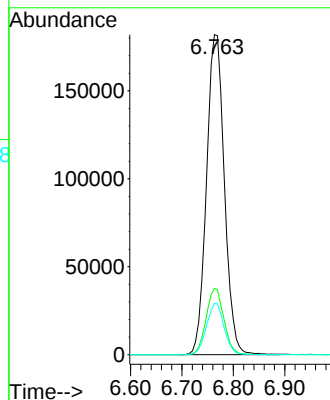
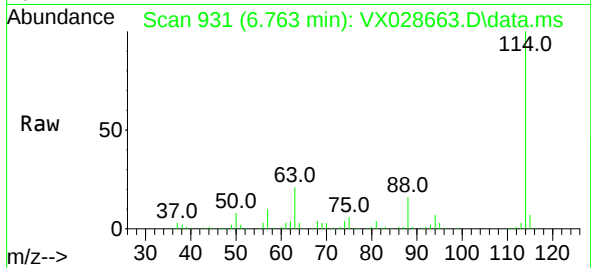




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

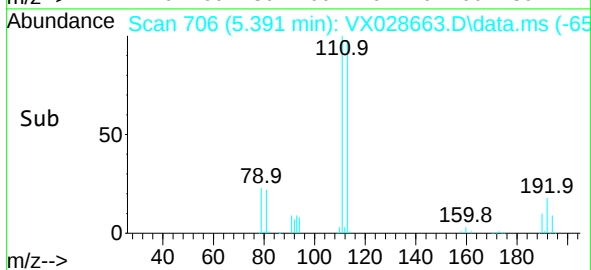
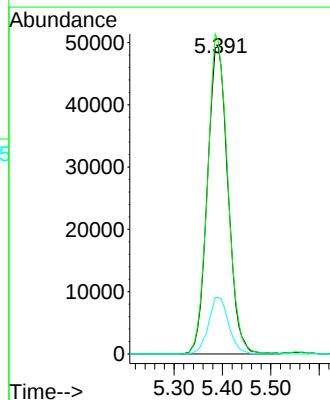
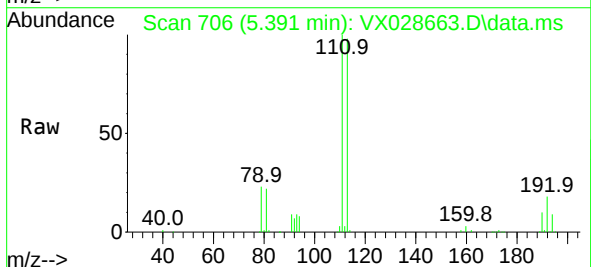
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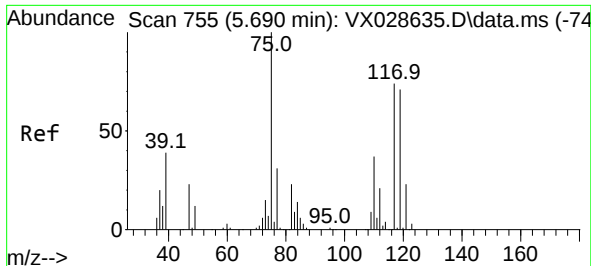
Tgt Ion:114 Resp: 439579
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.633 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion:113 Resp: 145827
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.0 16.9 25.3

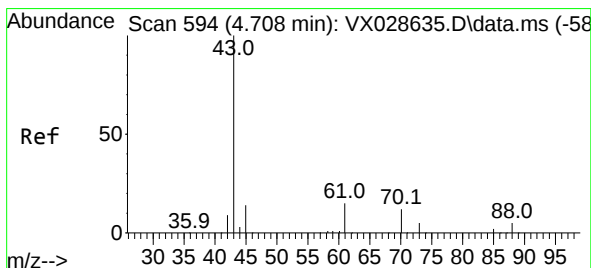
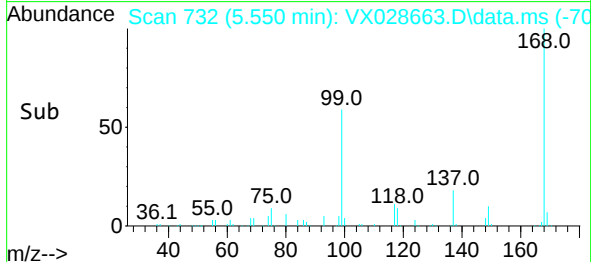
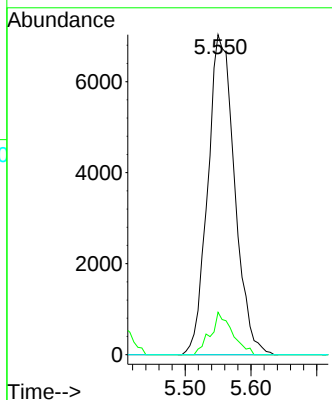
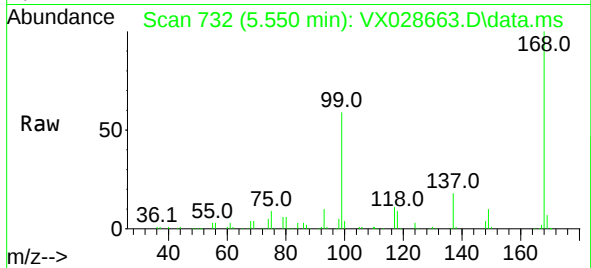




#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

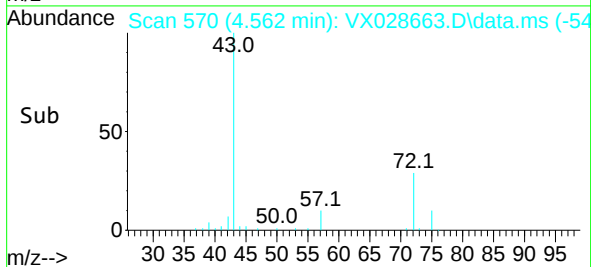
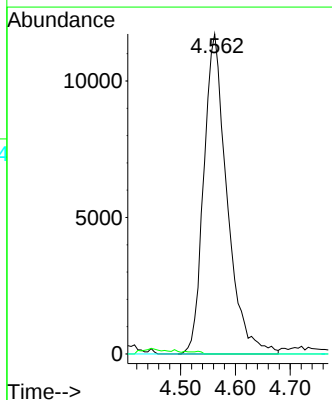
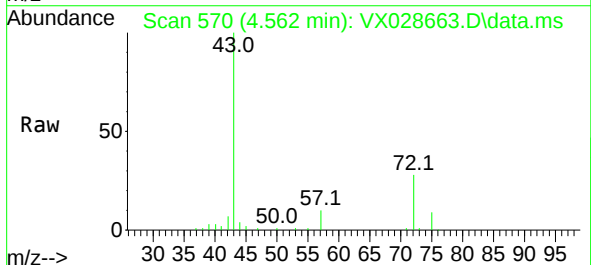
Instrument :
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ClientSampleId :
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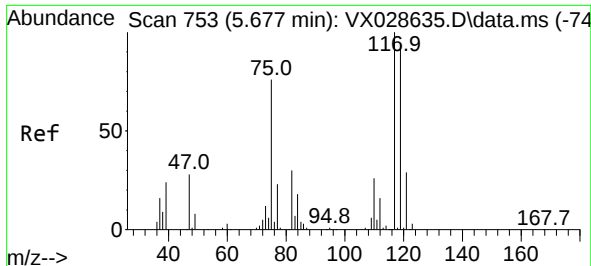
Tgt Ion: 75 Resp: 19939
Ion Ratio Lower Upper
75 100
110 10.8 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 7.659 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.146 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 43 Resp: 34606
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#

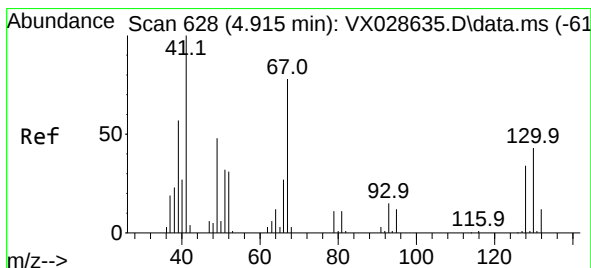
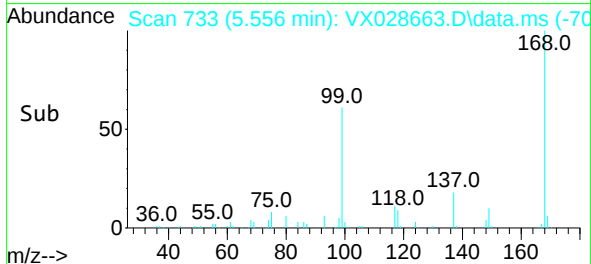
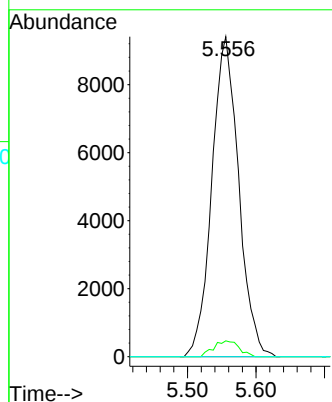
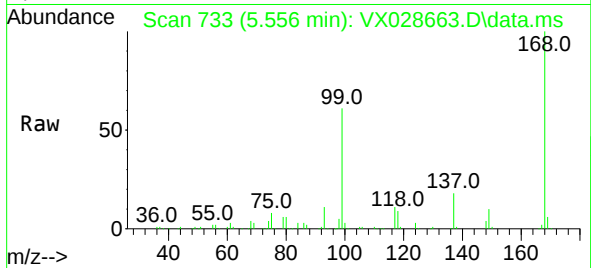




#38
Carbon Tetrachloride
Concen: 5.869 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

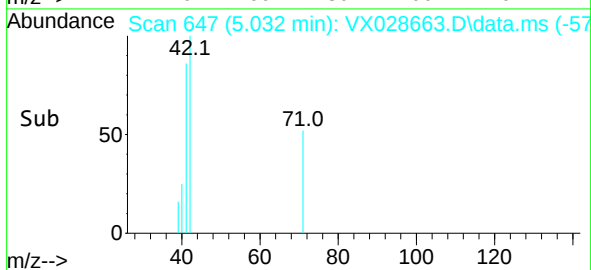
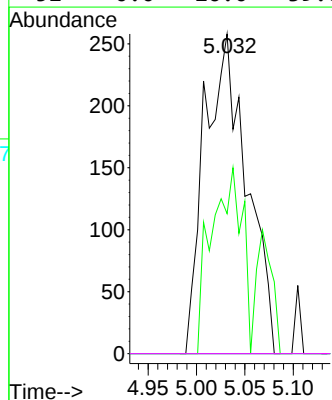
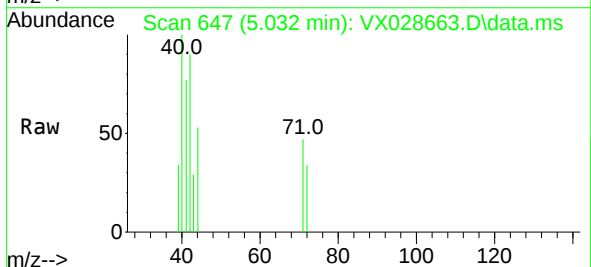
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

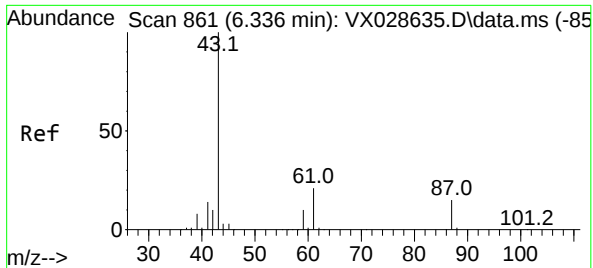
Tgt Ion:117 Resp: 25548
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 0.322 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.117 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 41 Resp: 781
Ion Ratio Lower Upper
41 100
39 42.6 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

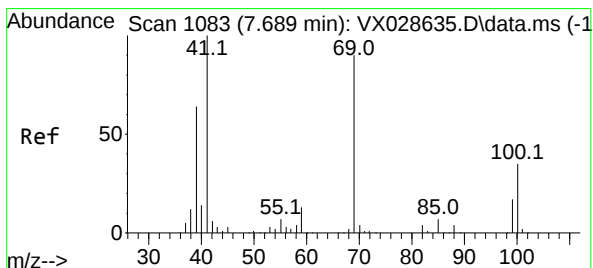
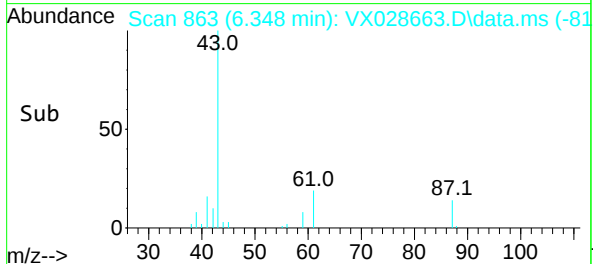
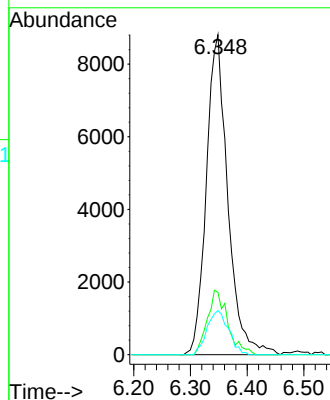
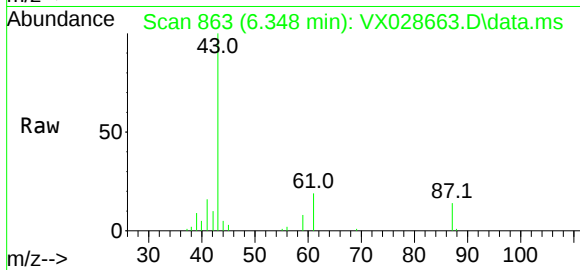




#43
Isopropyl Acetate
Concen: 3.273 ug/l
RT: 6.348 min Scan# 861
Delta R.T. 0.012 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

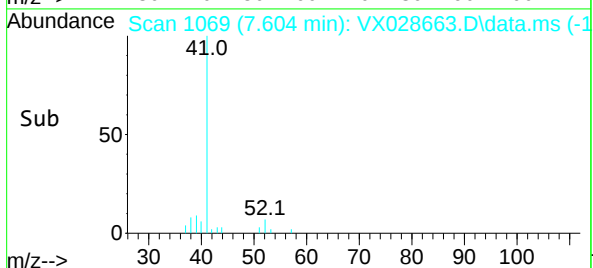
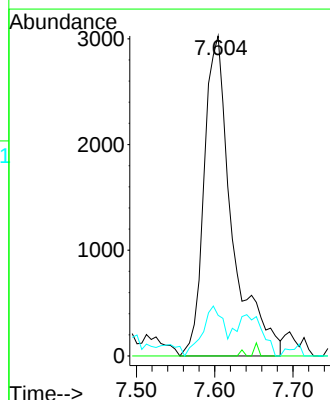
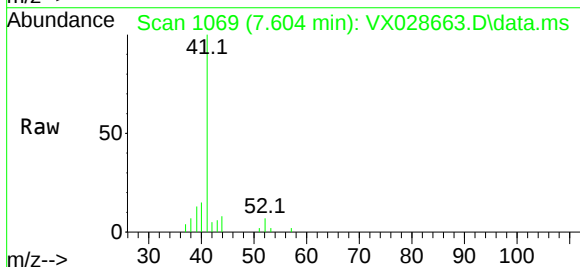
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

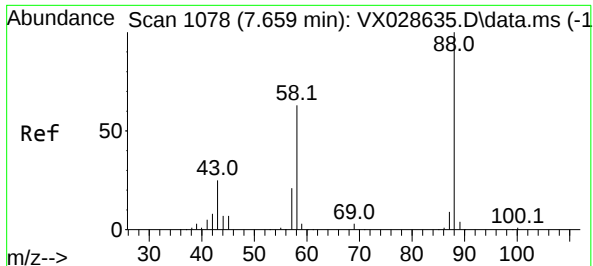
Tgt Ion: 43 Resp: 23133
Ion Ratio Lower Upper
43 100
61 19.1 18.5 27.7
87 13.9 13.0 19.6



#48
Methyl methacrylate
Concen: 2.197 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.085 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 41 Resp: 7503
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 2.602 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.146 min

Lab File: VX028663.D

Acq: 13 May 2022 01:02

Instrument :

MSVOA_X

ClientSampleId :

MH-35S

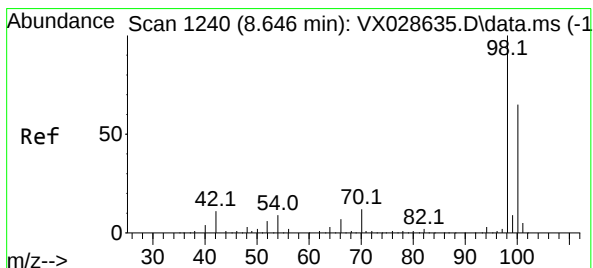
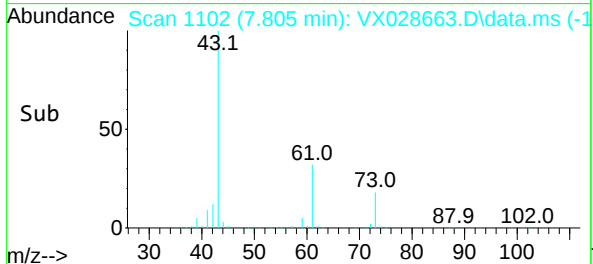
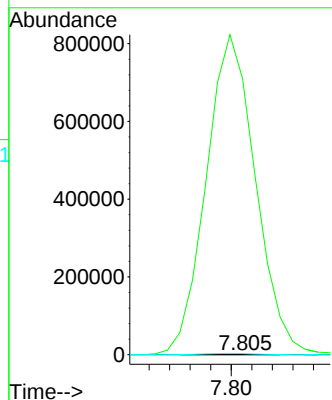
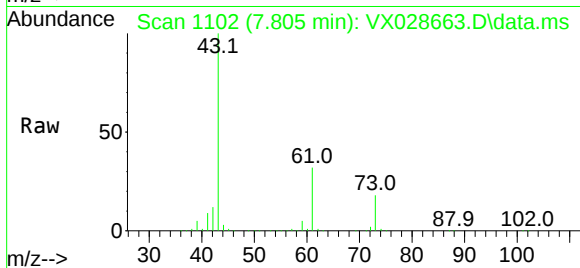
Tgt Ion: 88 Resp: 222

Ion Ratio Lower Upper

88 100

43 624240.1 21.9 32.9#

58 2681.5 53.7 80.5#



#50

Toluene-d8

Concen: 50.220 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028663.D

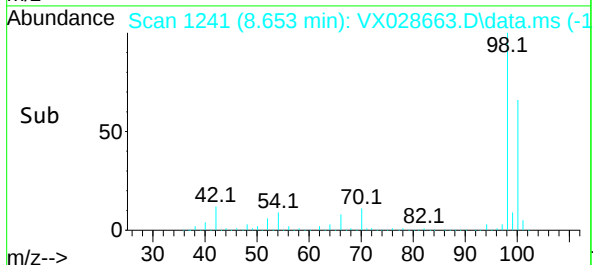
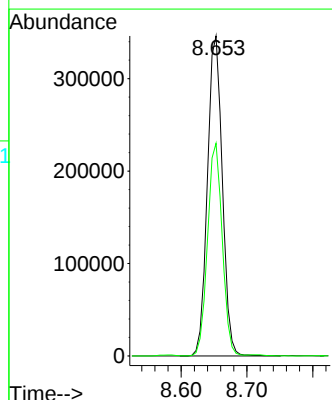
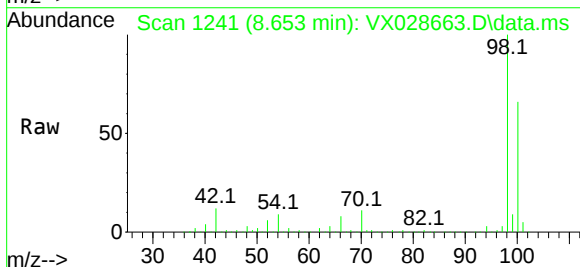
Acq: 13 May 2022 01:02

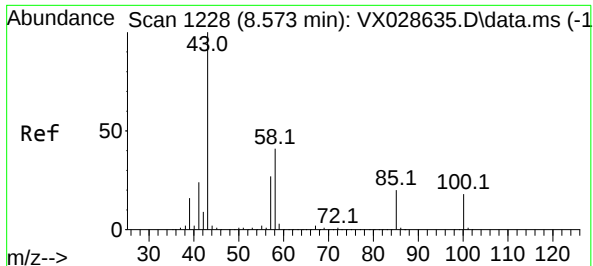
Tgt Ion: 98 Resp: 545304

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

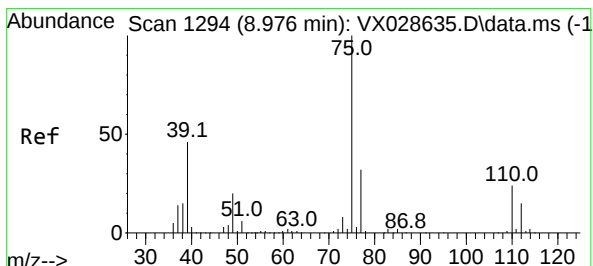
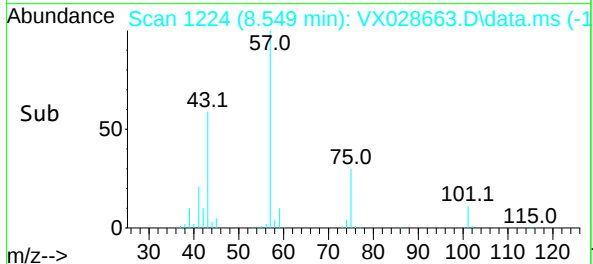
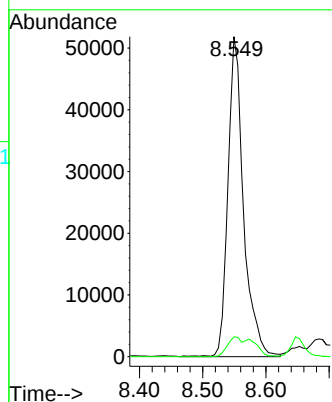
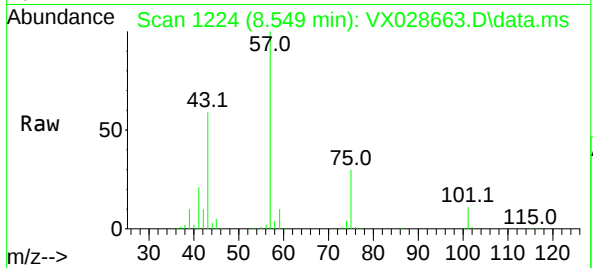




#51
4-Methyl-2-Pentanone
Concen: 19.023 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

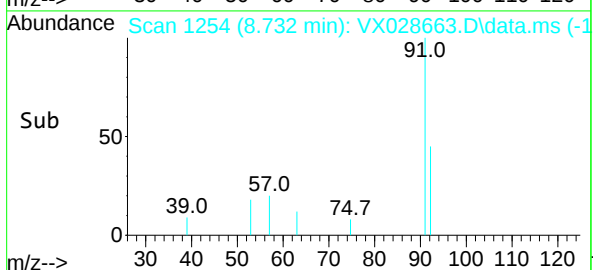
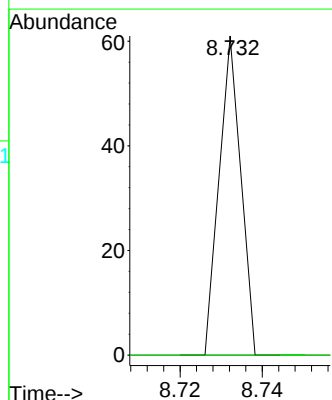
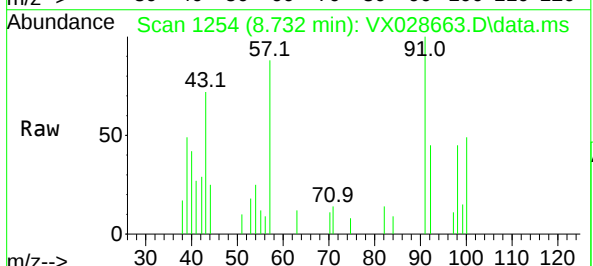
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

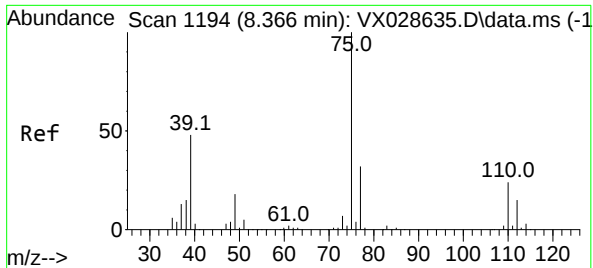
Tgt Ion: 43 Resp: 88571
Ion Ratio Lower Upper
43 100
58 10.4 36.1 54.1#



#53
t-1,3-Dichloropropene
Concen: 1.645 ug/l
RT: 8.732 min Scan# 1254
Delta R.T. -0.244 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

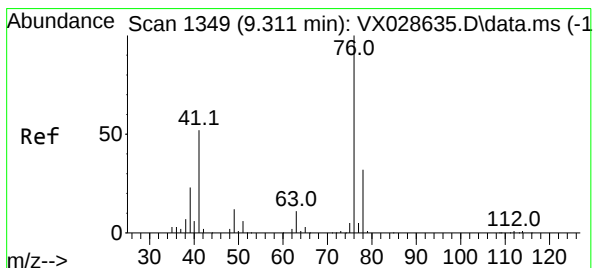
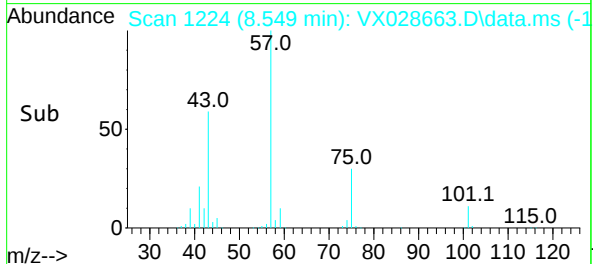
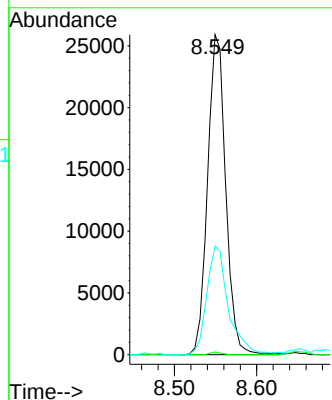
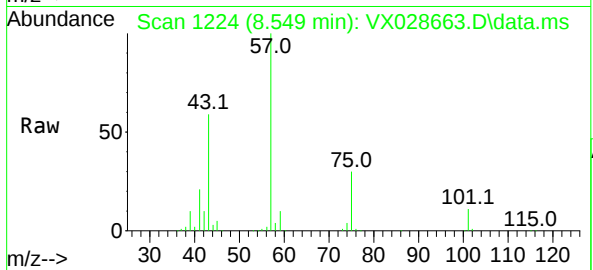




#54
 cis-1,3-Dichloropropene
 Concen: 8.196 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028663.D
 Acq: 13 May 2022 01:02

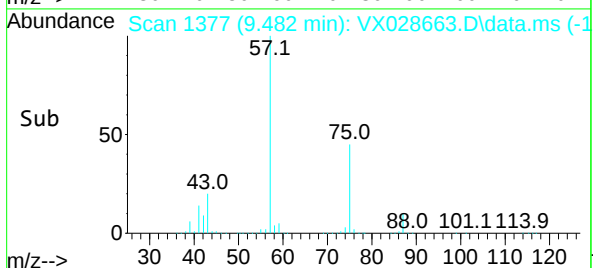
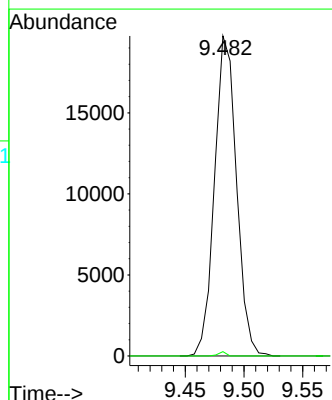
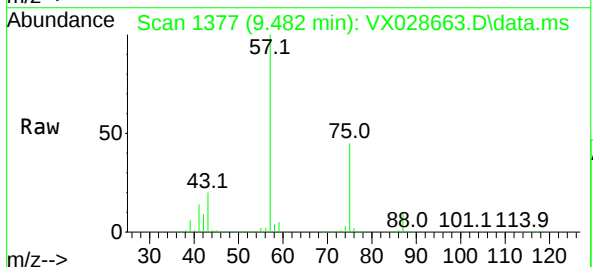
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-35S

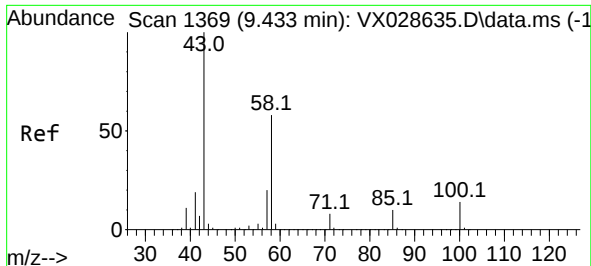
Tgt Ion: 75 Resp: 39659
 Ion Ratio Lower Upper
 75 100
 77 0.8 24.8 37.2#
 39 34.0 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 4.670 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028663.D
 Acq: 13 May 2022 01:02

Tgt Ion: 76 Resp: 25684
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.8 38.8#

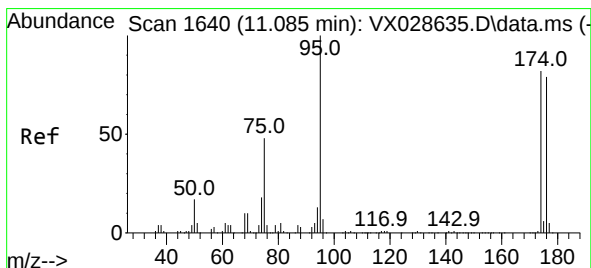
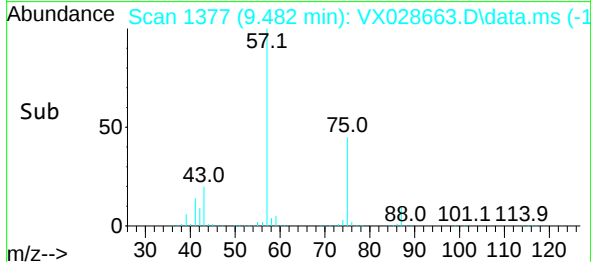
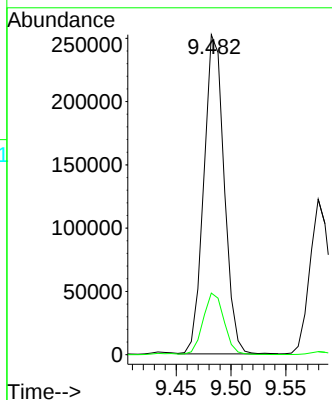
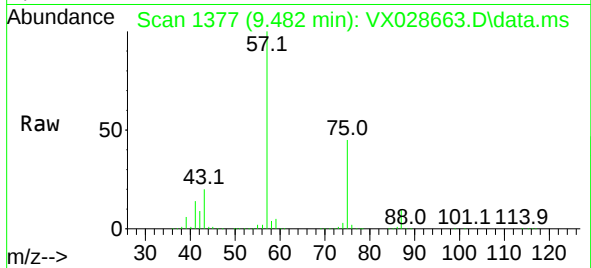




#59
2-Hexanone
Concen: 89.891 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

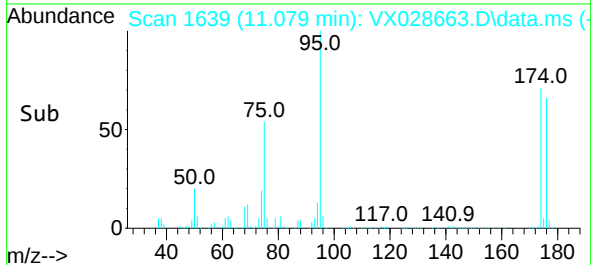
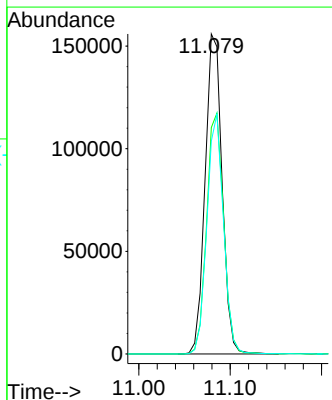
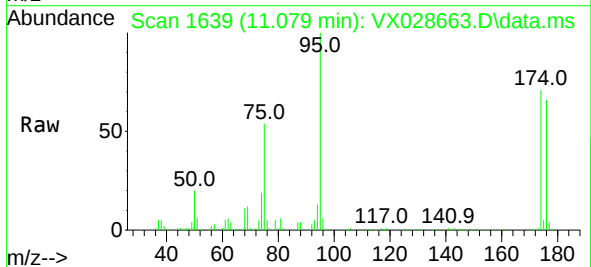
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

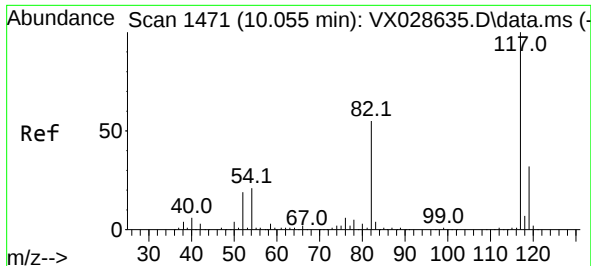
Tgt Ion: 43 Resp: 325167
Ion Ratio Lower Upper
43 100
58 19.9 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 49.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 95 Resp: 200131
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 73.4 0.0 155.0

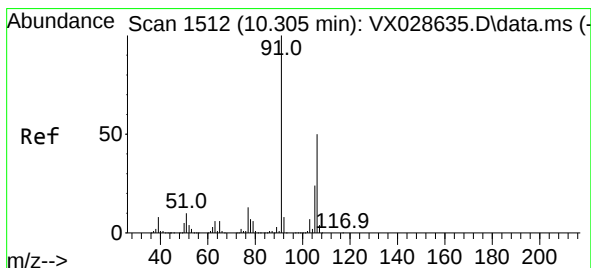
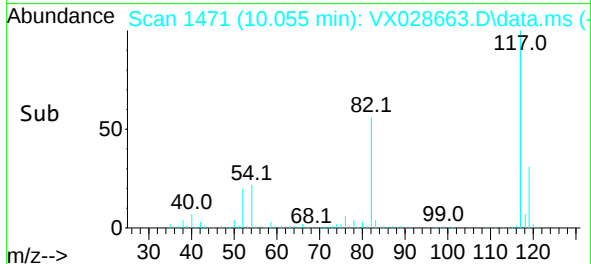
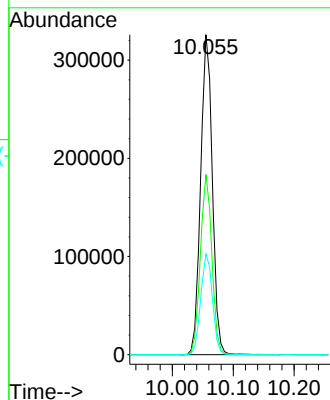
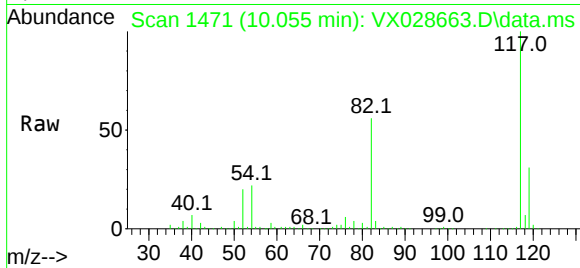




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

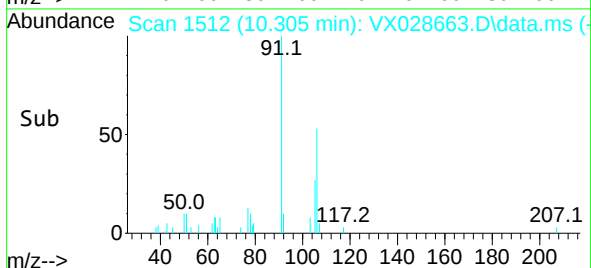
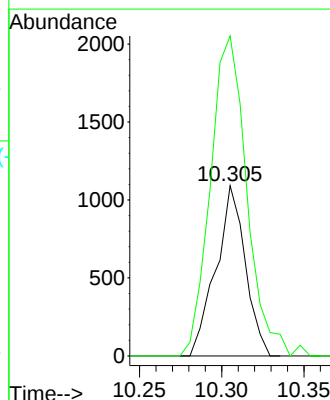
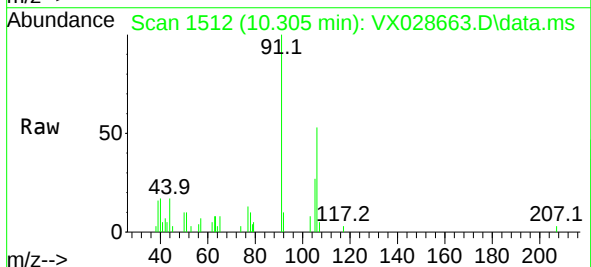
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

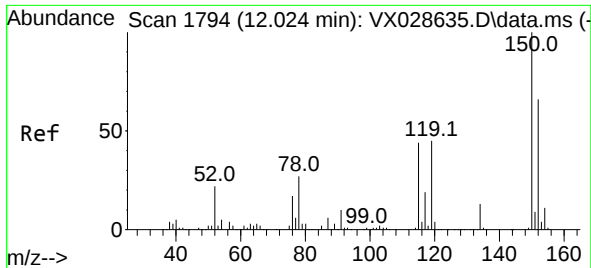
Tgt Ion:117 Resp: 434986
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.5 24.8 37.2



#68
m/p-Xylenes
Concen: 0.210 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion:106 Resp: 1354
Ion Ratio Lower Upper
106 100
91 233.8 160.4 240.6

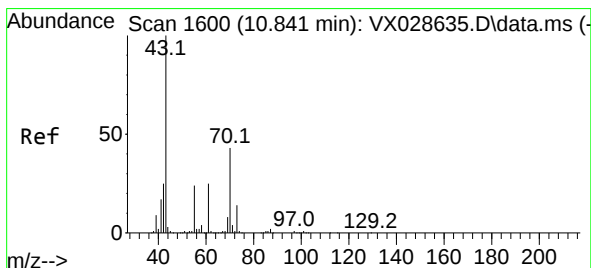
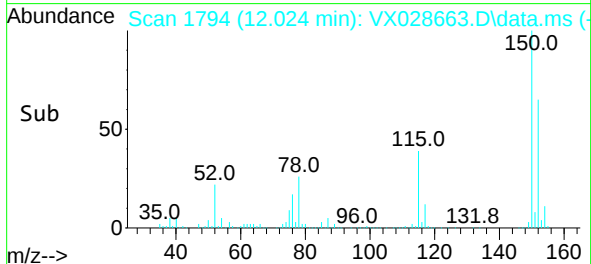
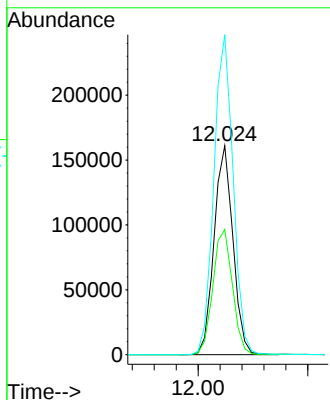
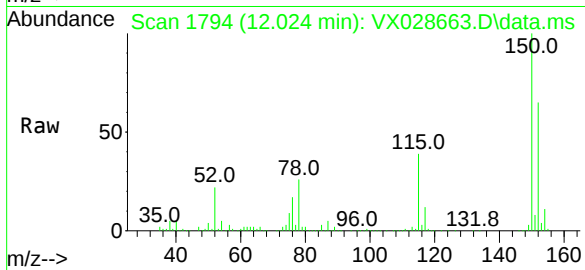




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

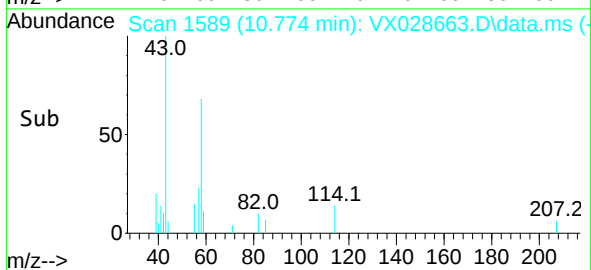
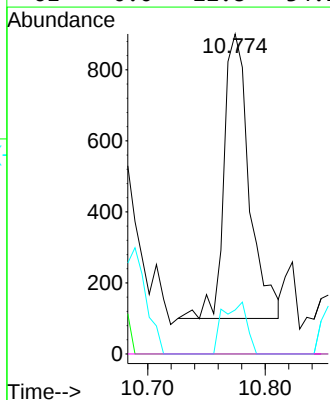
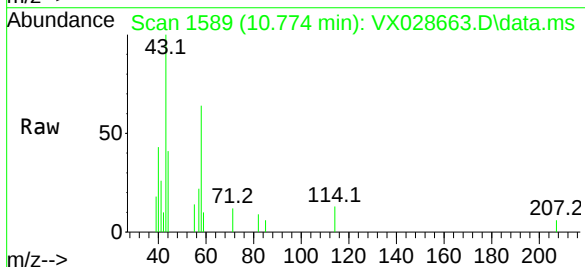
Instrument :
MSVOA_X
ClientSampleId :
MH-35S

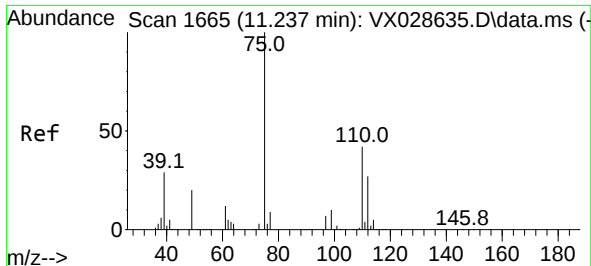
Tgt Ion:152 Resp: 192925
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 156.3 0.0 338.2



#74
N-ethyl acetate
Concen: 0.209 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
70 0.0 42.5 63.7#
55 17.2 23.1 34.7#
61 0.0 22.8 34.2#

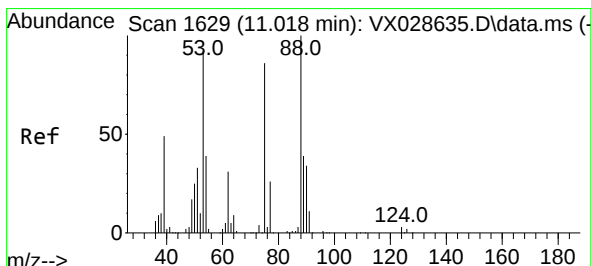
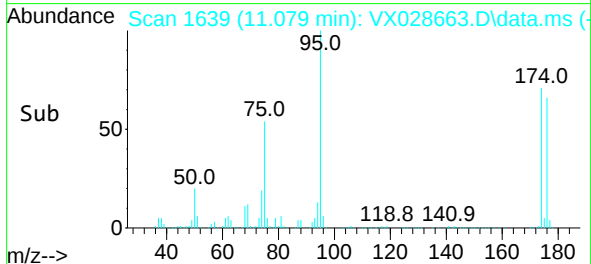
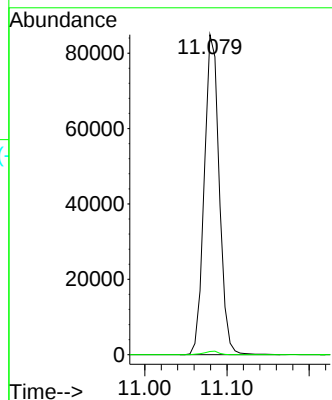
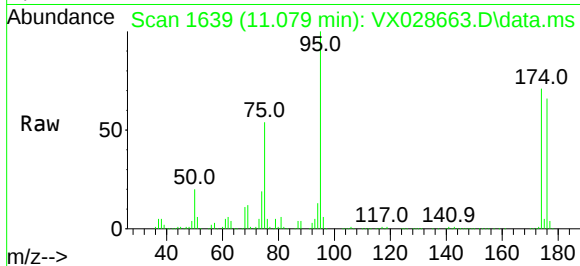




#76
1,2,3-Trichloropropane
Concen: 23.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Instrument :
MSVOA_X
ClientSampleId :
MH-35S

Tgt Ion: 75 Resp: 107530
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028663.D
Acq: 13 May 2022 01:02

Tgt Ion: 75 Resp: 107530
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

