

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024543.D
 Acq On : 05 Oct 2021 01:21
 Operator : JC/MD
 Sample : PB139574TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB139574TB

Quant Time: Oct 05 08:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

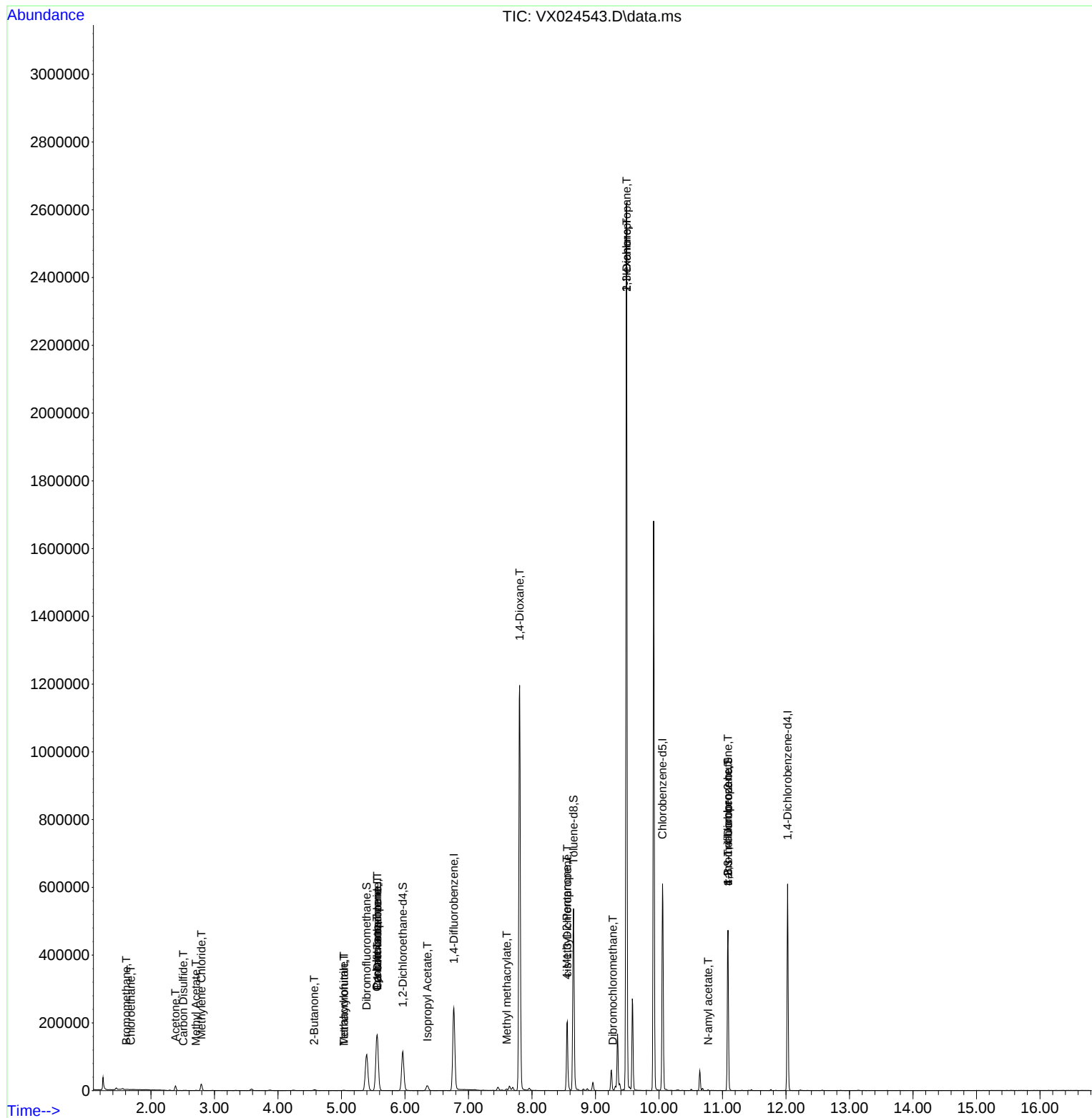
Internal Standards						
1) Pentafluorobenzene	5.562	168	157148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113420	51.210	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.420%		
35) Dibromofluoromethane	5.397	113	92700	58.211	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 116.420%		
50) Toluene-d8	8.653	98	306312	52.261	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.520%		
62) 4-Bromofluorobenzene	11.085	95	123622	53.644	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.280%		
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	411	0.392	ug/l #	71
6) Chloroethane	1.685	64	294	0.540	ug/l #	79
11) Tert butyl alcohol	2.971	59	929	Below Cal	#	73
16) Acetone	2.386	43	14244	5.317	ug/l	93
17) Carbon Disulfide	2.508	76	788	0.439	ug/l #	75
18) Methyl Acetate	2.709	43	1375	0.415	ug/l	90
20) Methylene Chloride	2.794	84	8596	4.138	ug/l	92
25) 2-Butanone	4.568	43	4843	3.175	ug/l #	81
29) Tetrahydrofuran	5.038	42	1012	1.041	ug/l #	44
31) Cyclohexane	5.556	56	3018	1.138	ug/l #	14
36) 1,1-Dichloropropene	5.562	75	11651	5.070	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16142	6.453	ug/l #	17
41) Methacrylonitrile	5.038	41	650	0.439	ug/l #	37
43) Isopropyl Acetate	6.355	43	20859	4.782	ug/l	93
48) Methyl methacrylate	7.604	41	5473	2.534	ug/l #	10
49) 1,4-Dioxane	7.806	88	133	2.688	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	72044	25.019	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	30358	11.306	ug/l #	69
57) 1,3-Dichloropropane	9.488	76	22160	7.483	ug/l #	43
59) 2-Hexanone	9.488	43	296165	130.599	ug/l #	44
60) Dibromochloromethane	9.275	129	62	1.218	ug/l #	11
74) N-amyl acetate	10.775	43	1124	0.275	ug/l #	42
76) 1,2,3-Trichloropropane	11.085	75	64897	22.776	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	64897	62.282	ug/l #	12

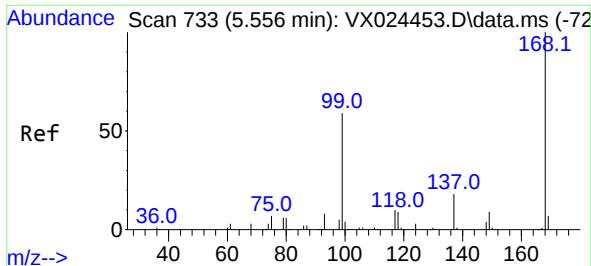
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB139574TB
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Oct 05 08:33:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

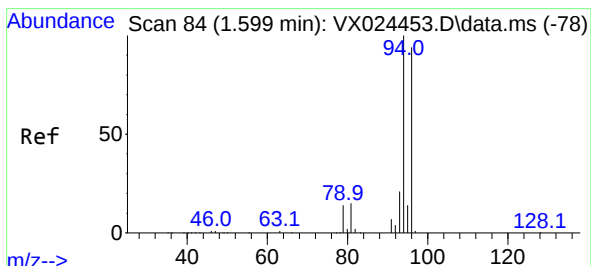
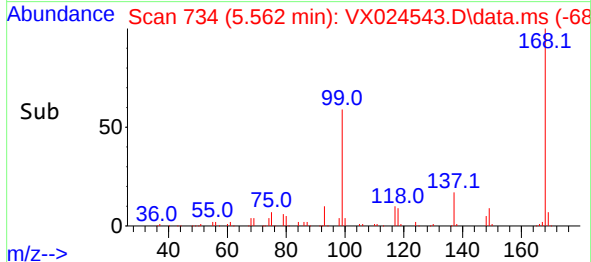
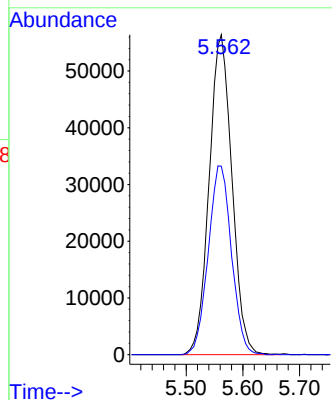
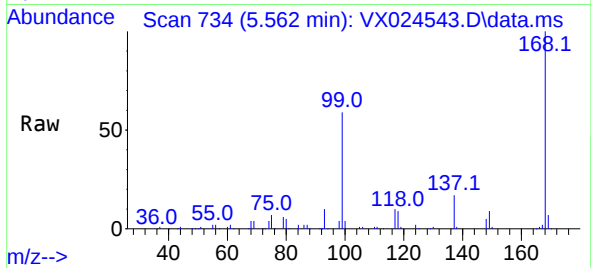




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

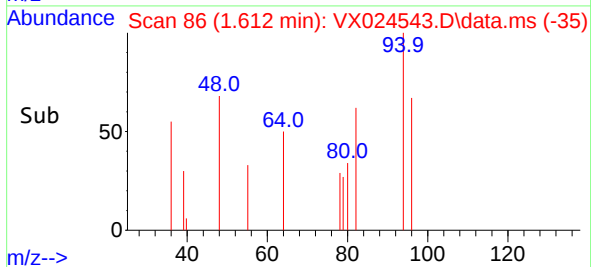
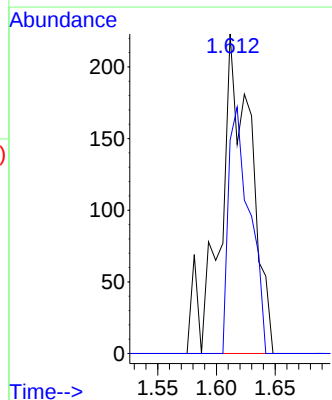
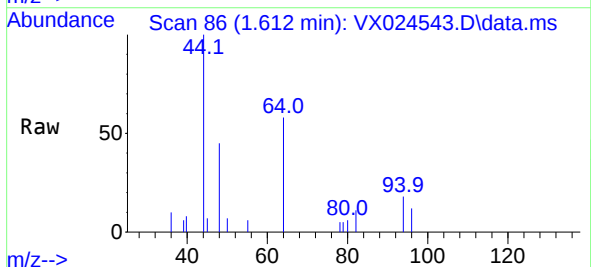
Instrument :
MSVOA_X
ClientSampleId :
PB139574TB

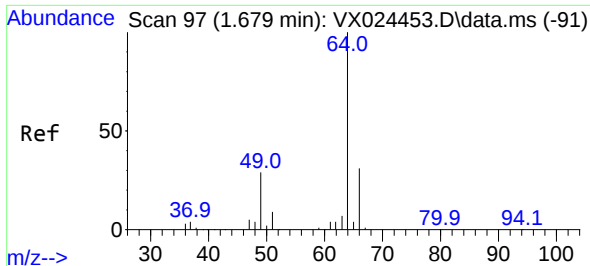
Tgt Ion:168 Resp: 157148
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#5
Bromomethane
Concen: 0.392 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 94 Resp: 411
Ion Ratio Lower Upper
94 100
96 66.8 76.4 114.6#

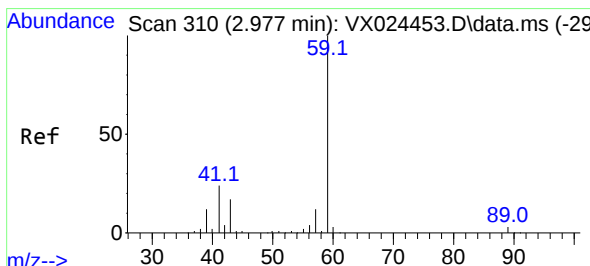
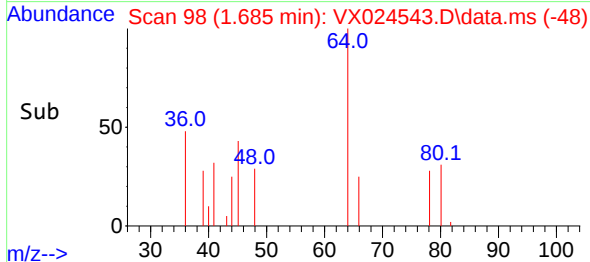
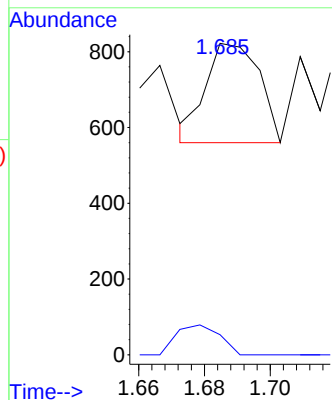
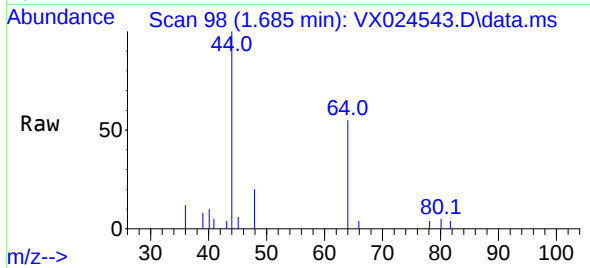




#6
Chloroethane
Concen: 0.540 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

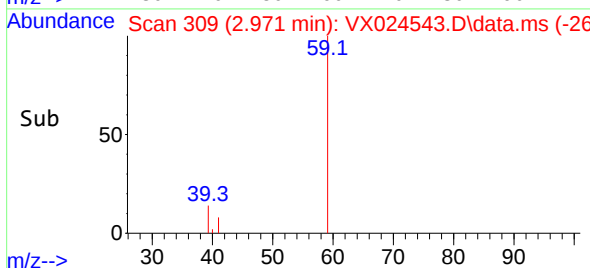
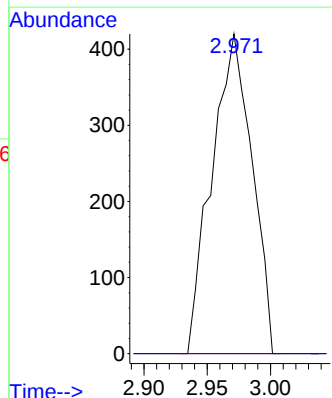
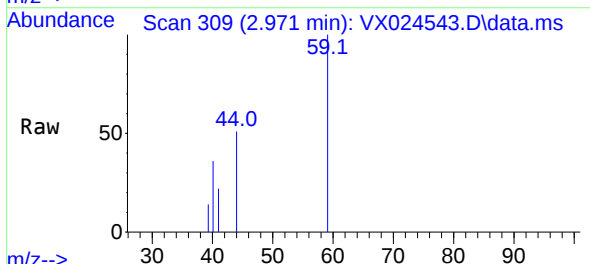
Instrument :
MSVOA_X
ClientSampled :
PB139574TB

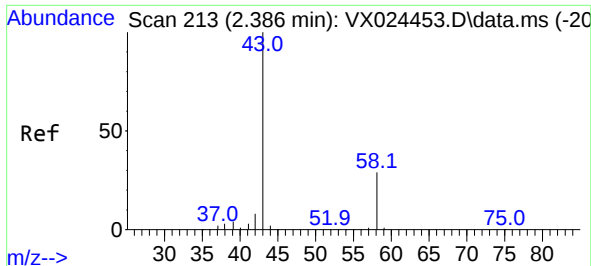
Tgt Ion: 64 Resp: 294
Ion Ratio Lower Upper
64 100
66 20.2 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 59 Resp: 929
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

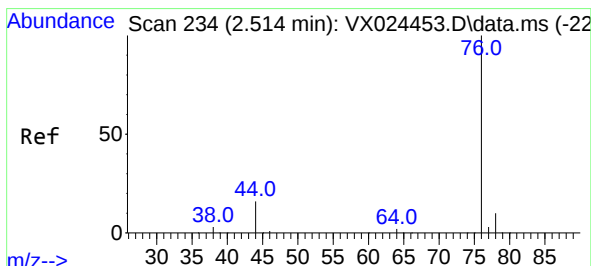
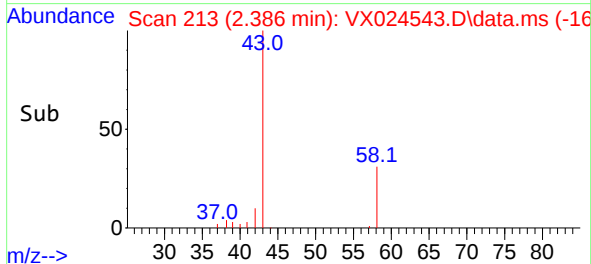
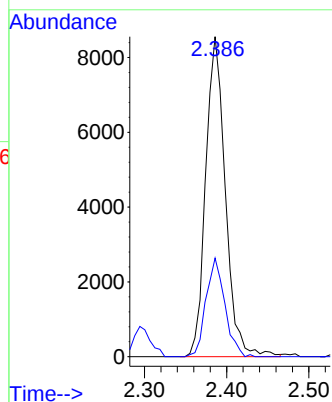
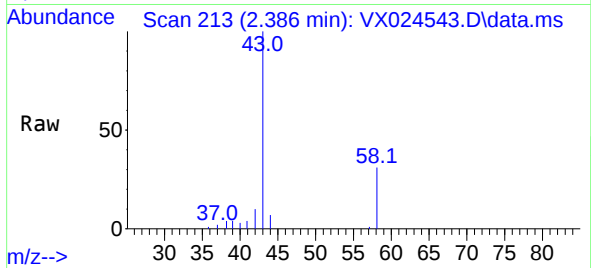




#16
Acetone
Concen: 5.317 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

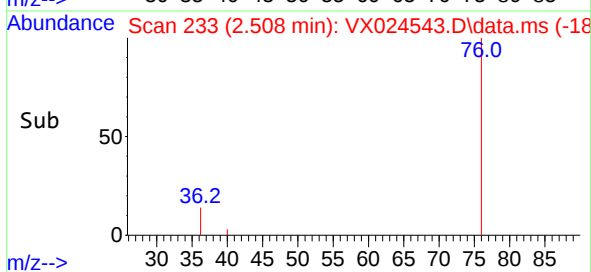
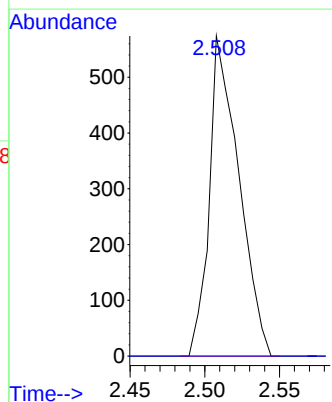
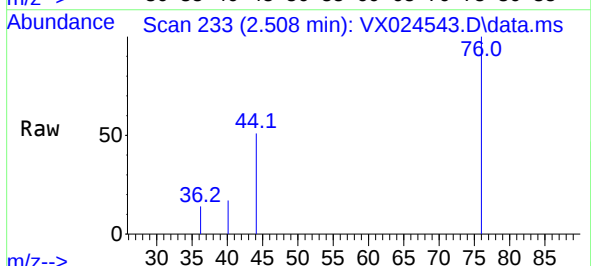
Instrument :
MSVOA_X
ClientSampled :
PB139574TB

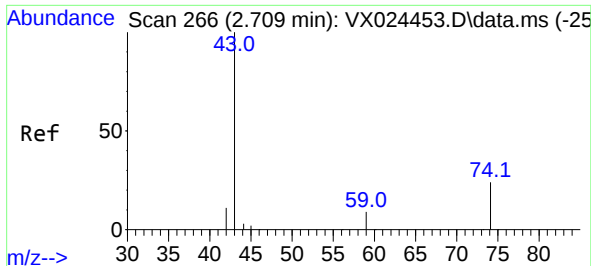
Tgt Ion: 43 Resp: 14244
Ion Ratio Lower Upper
43 100
58 30.8 27.8 41.8



#17
Carbon Disulfide
Concen: 0.439 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 76 Resp: 788
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

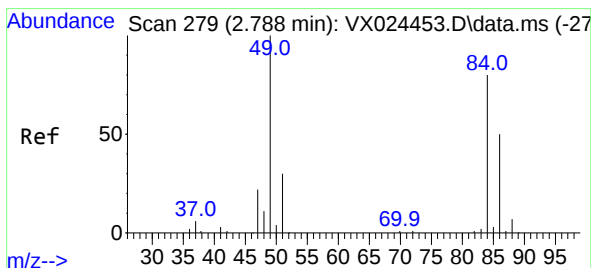
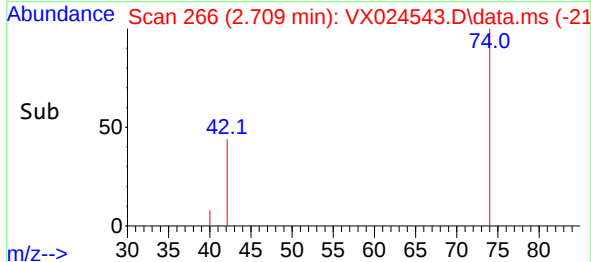
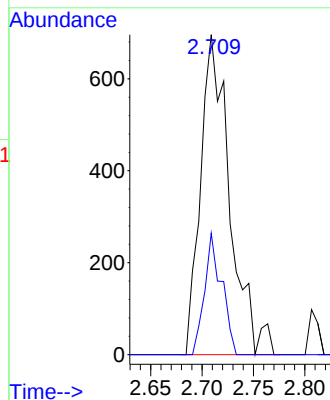
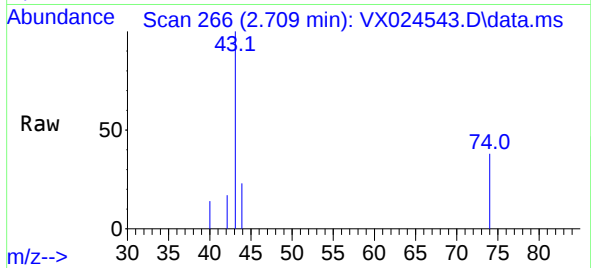




#18
Methyl Acetate
Concen: 0.415 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

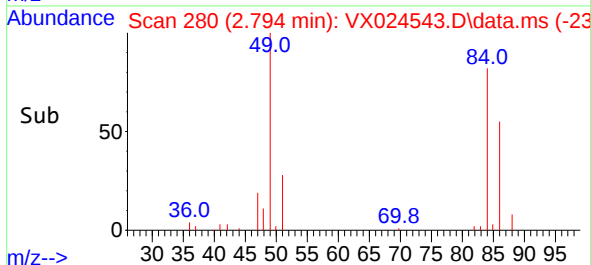
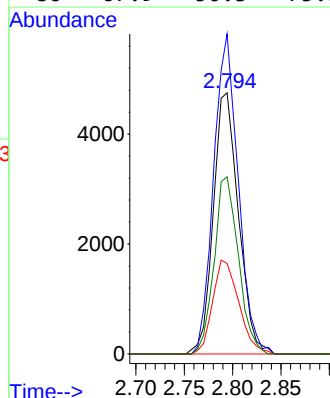
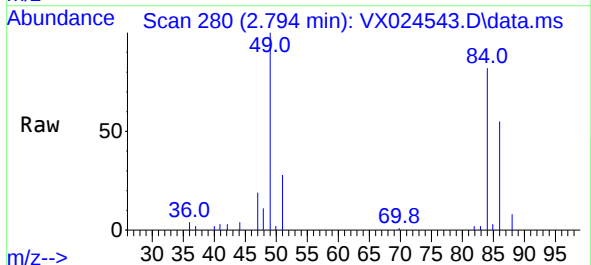
Instrument :
MSVOA_X
ClientSampleId :
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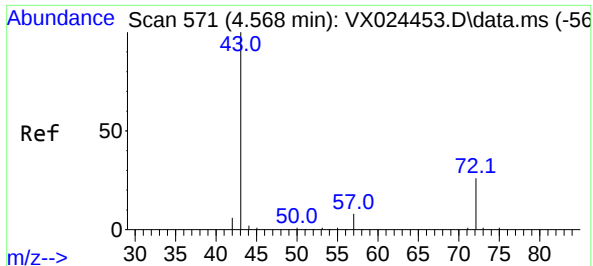
Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
74 22.3 21.9 32.9



#20
Methylene Chloride
Concen: 4.138 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 84 Resp: 8596
Ion Ratio Lower Upper
84 100
49 122.6 88.6 132.8
51 34.7 27.0 40.6
86 67.9 50.3 75.5

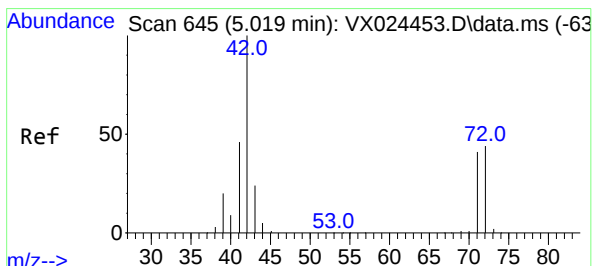
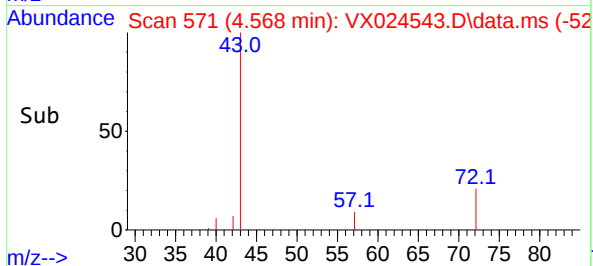
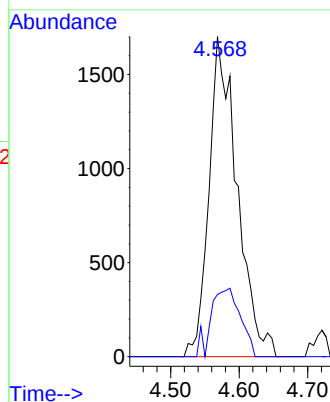
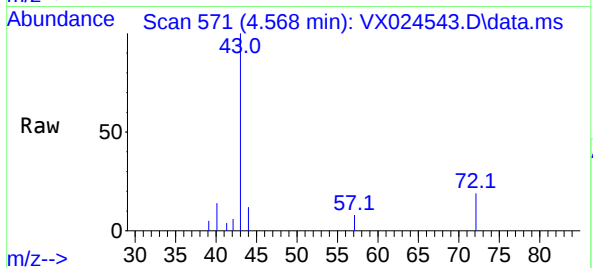




#25
2-Butanone
Concen: 3.175 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

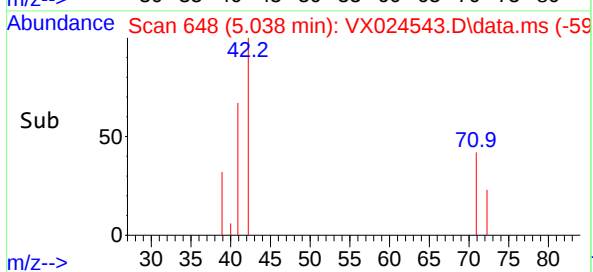
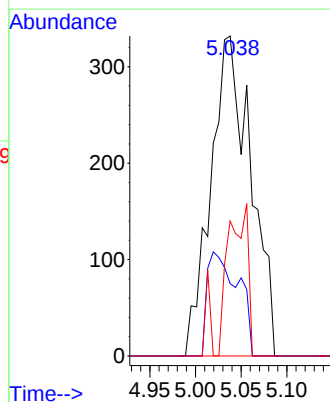
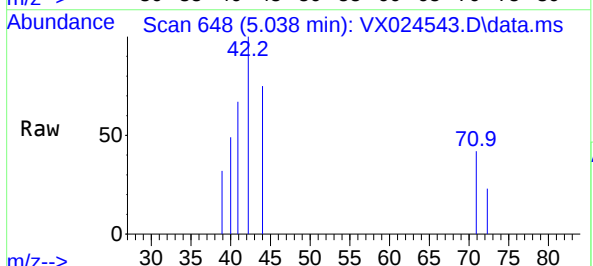
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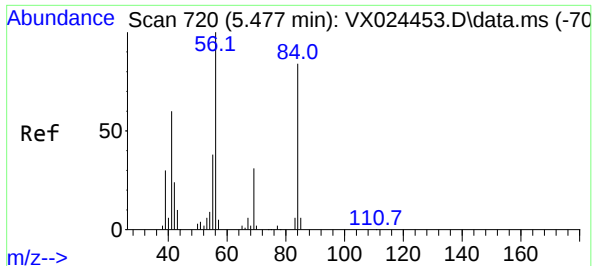
Tgt Ion: 43 Resp: 4843
Ion Ratio Lower Upper
43 100
72 19.5 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.041 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

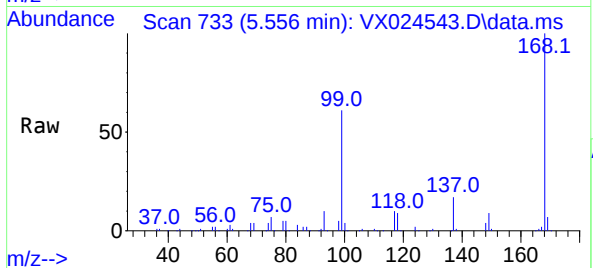
Tgt Ion: 42 Resp: 1012
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 23.2 38.4 57.6#



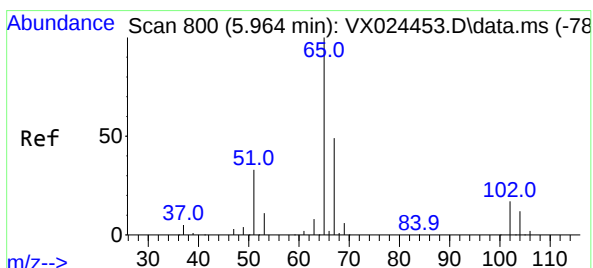
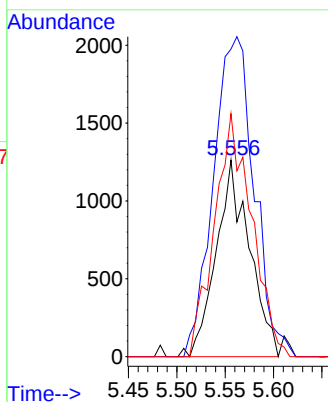
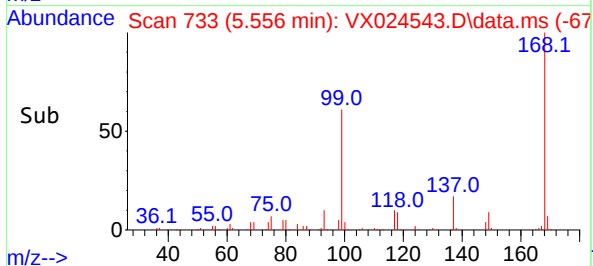


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Instrument :
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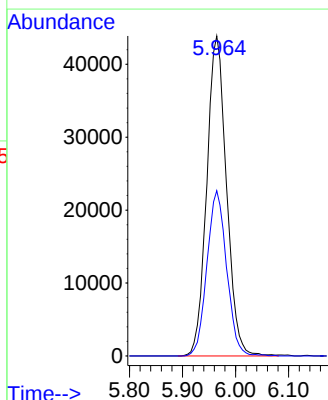
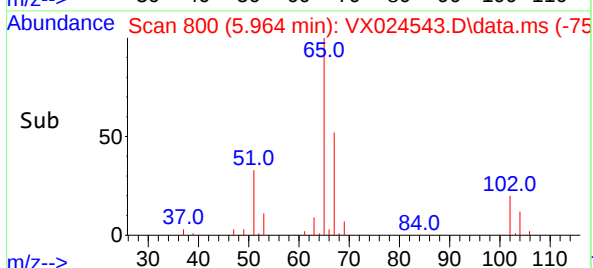
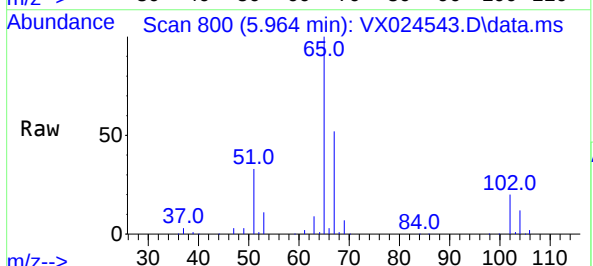


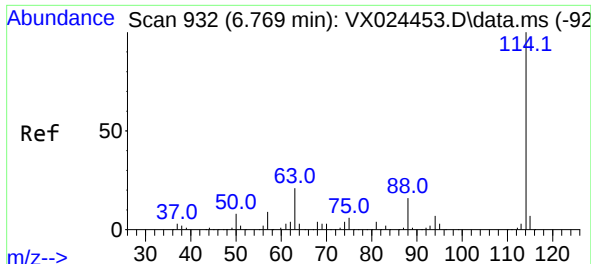
Tgt Ion: 56 Resp: 3018
Ion Ratio Lower Upper
56 100
69 156.5 25.3 37.9#
84 123.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.210 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 65 Resp: 113420
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

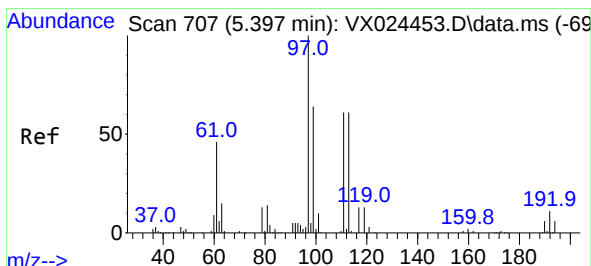
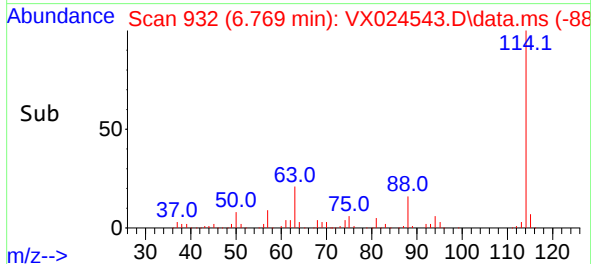
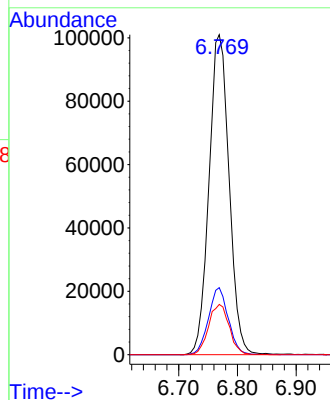
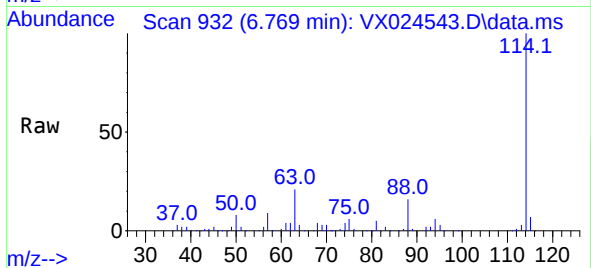




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

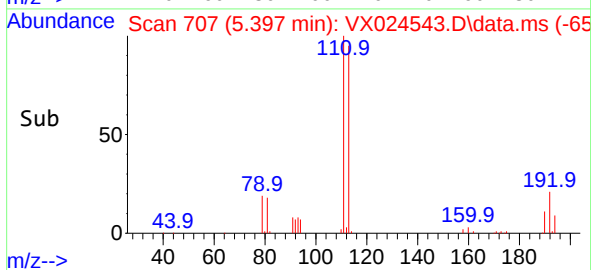
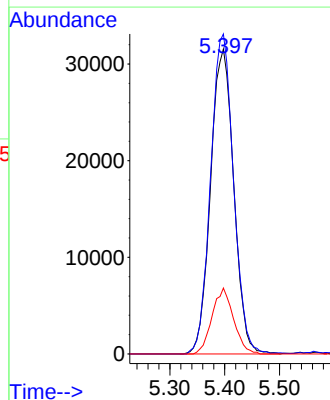
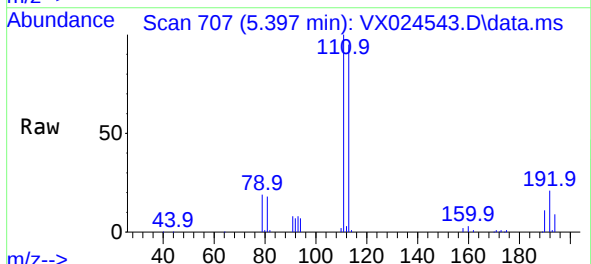
Instrument :
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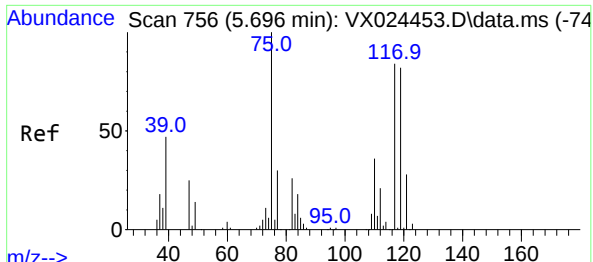
Tgt Ion:114 Resp: 239713
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 58.211 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion:113 Resp: 92700
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.0 16.7 25.1

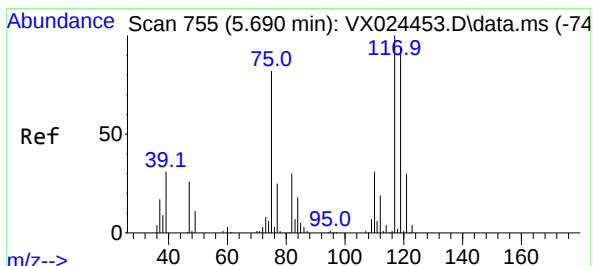
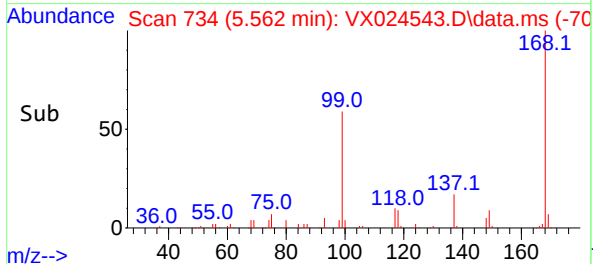
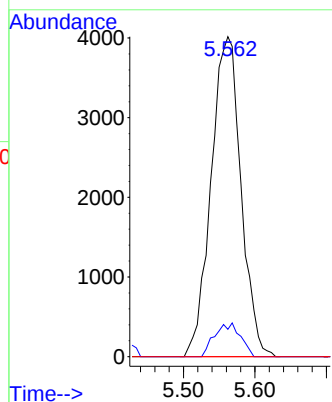
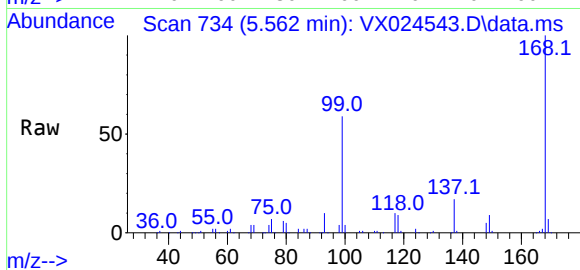




#36
1,1-Dichloropropene
Concen: 5.070 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

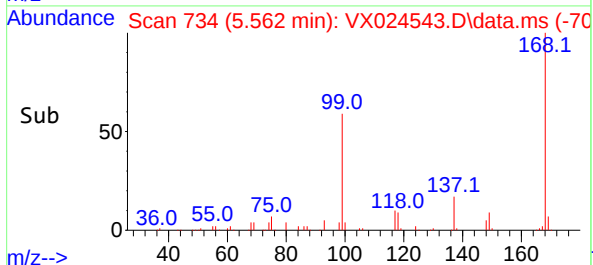
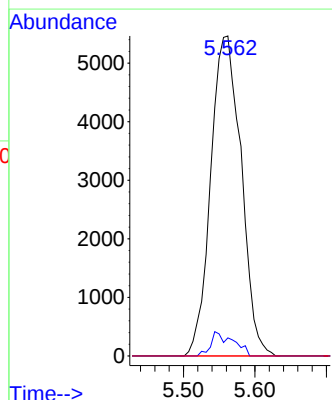
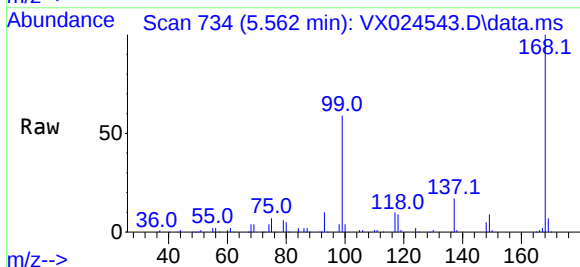
Instrument :
MSVOA_X
ClientSampleId :
PB139574TB

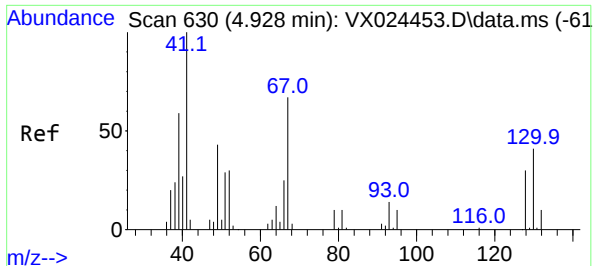
Tgt Ion:	75	Resp:	11651
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 6.453 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion:	117	Resp:	16142
Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.2	114.2#
121	0.0	24.8	37.2#



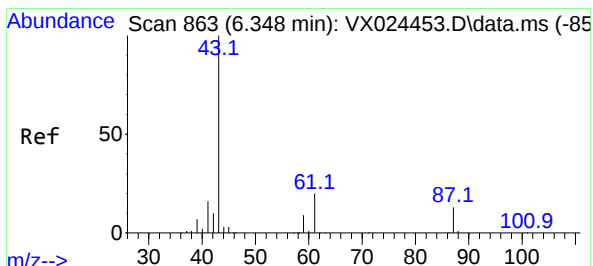
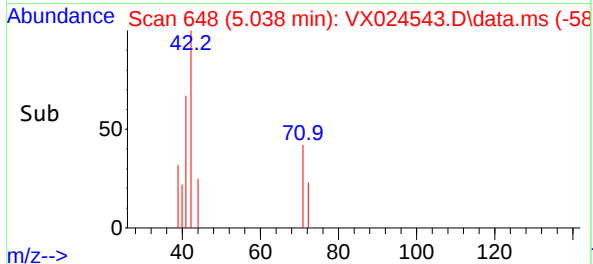
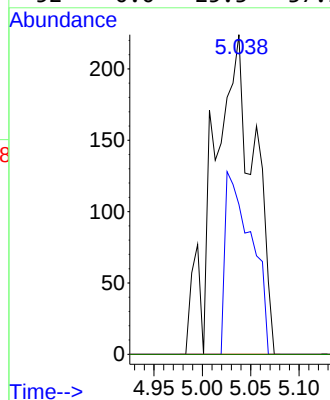
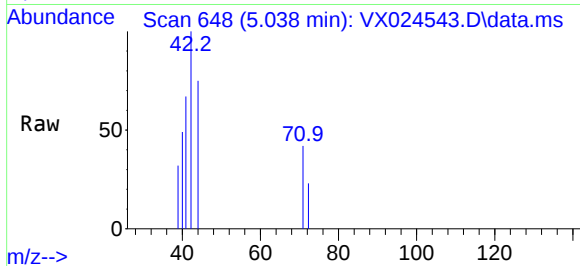


#41
Methacrylonitrile
Concen: 0.439 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Instrument :
MSVOA_X
ClientSampled :
PB139574TB

Tgt Ion: 41 Resp: 650

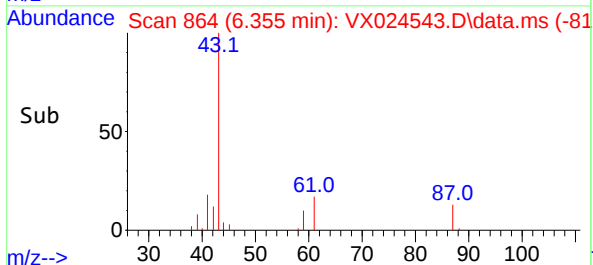
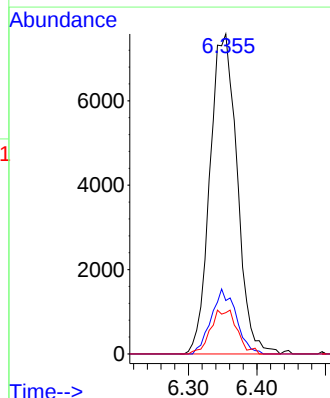
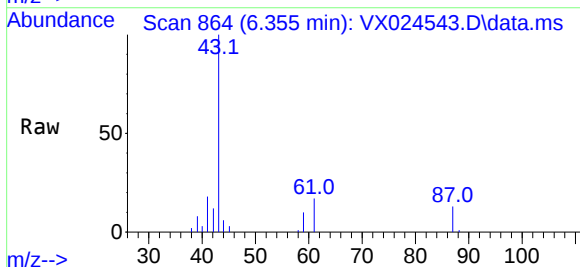
Ion	Ratio	Lower	Upper
41	100		
39	36.9	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

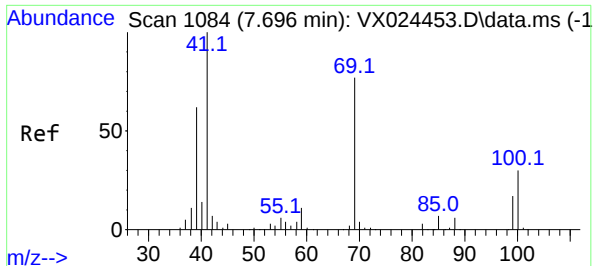


#43
Isopropyl Acetate
Concen: 4.782 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 43 Resp: 20859

Ion	Ratio	Lower	Upper
43	100		
61	18.7	18.2	27.4
87	13.4	12.5	18.7





#48

Methyl methacrylate

Concen: 2.534 ug/l

RT: 7.604 min Scan# 1069

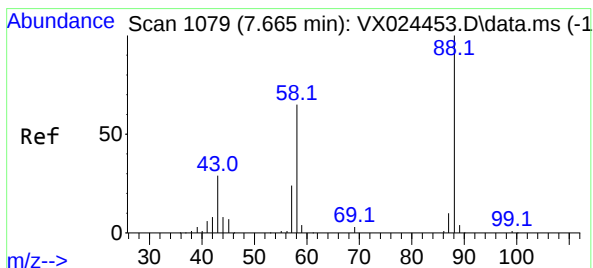
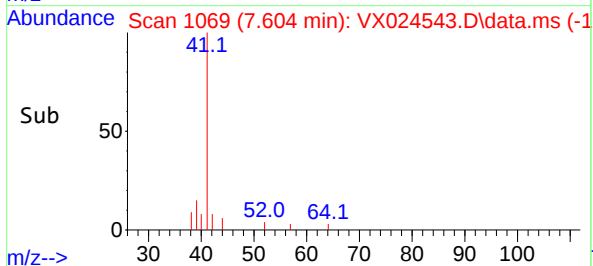
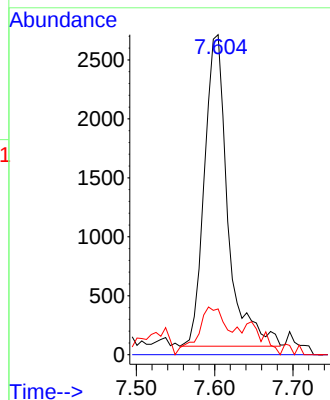
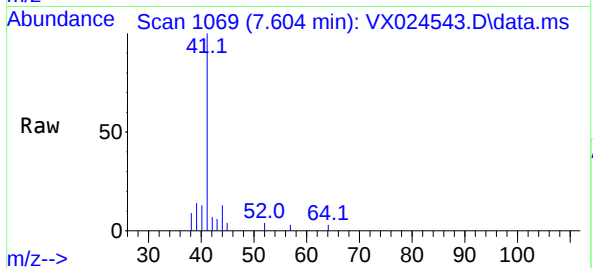
Delta R.T. -0.092 min

Lab File: VX024543.D

Acq: 05 Oct 2021 01:21

Tgt Ion:	41	Resp:	5473
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

Instrument :
MSVOA_X
ClientSampleId :
PB139574TB



#49

1,4-Dioxane

Concen: 2.688 ug/l

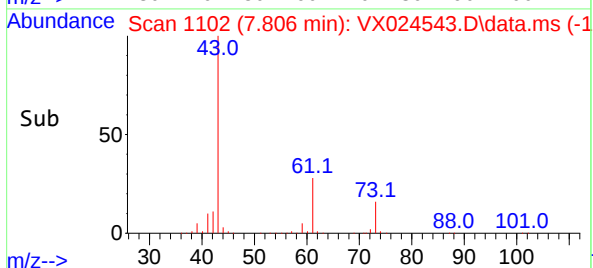
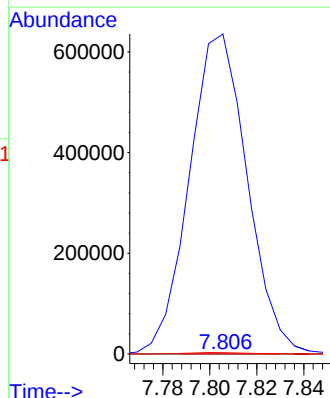
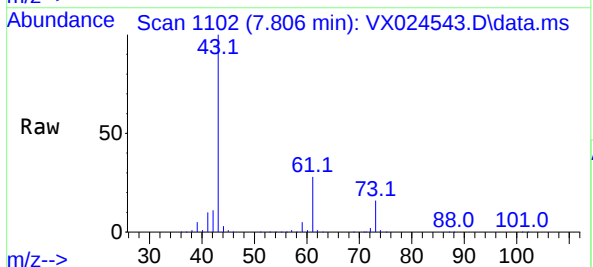
RT: 7.806 min Scan# 1102

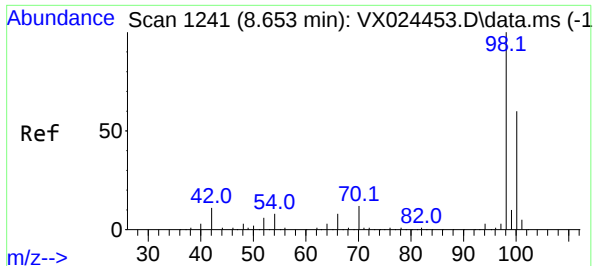
Delta R.T. 0.141 min

Lab File: VX024543.D

Acq: 05 Oct 2021 01:21

Tgt Ion:	88	Resp:	133
Ion	Ratio	Lower	Upper
88	100		
43	825681.2	23.2	34.8#
58	3543.6	55.0	82.4#

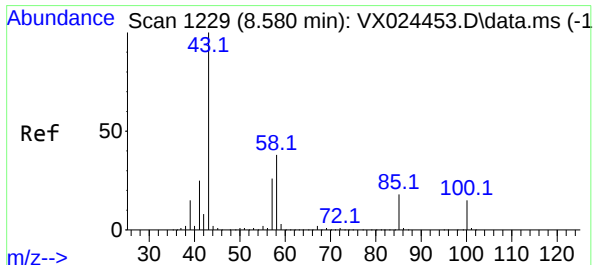
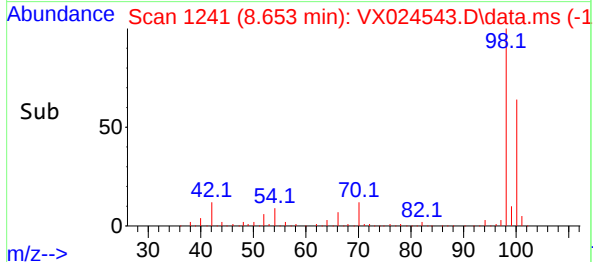
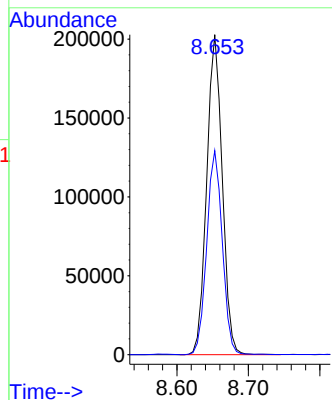
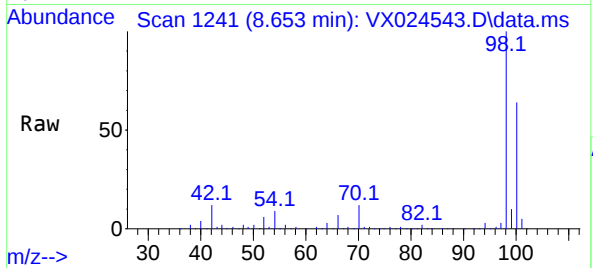




#50
Toluene-d8
Concen: 52.261 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

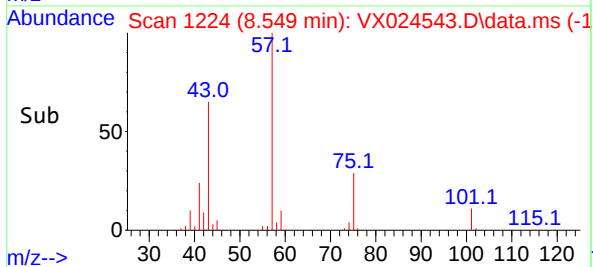
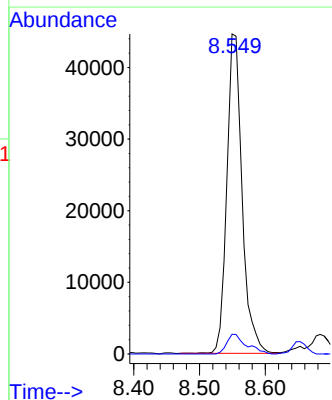
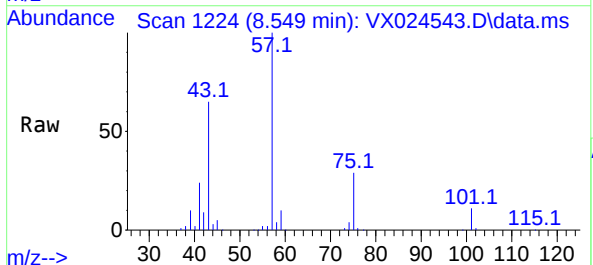
Instrument :
MSVOA_X
ClientSampleId :
PB139574TB

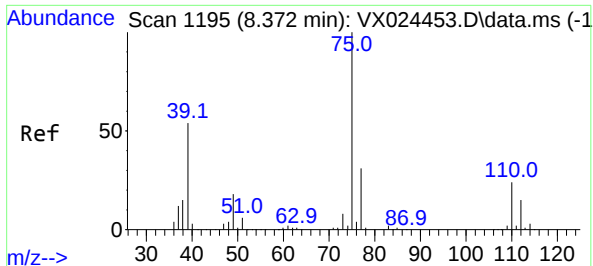
Tgt Ion: 98 Resp: 306312
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 25.019 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 43 Resp: 72044
Ion Ratio Lower Upper
43 100
58 7.9 35.4 53.0#

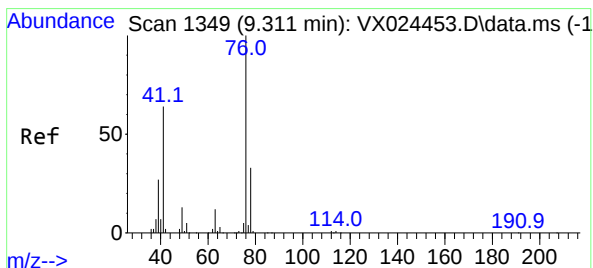
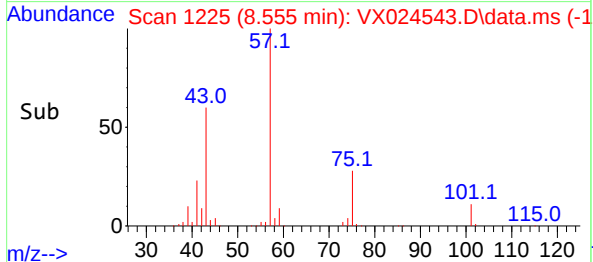
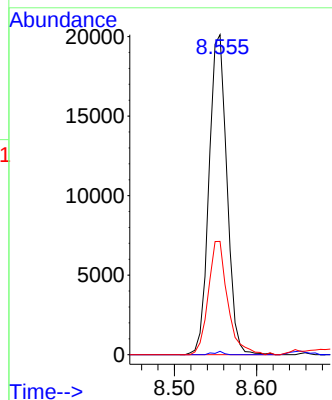
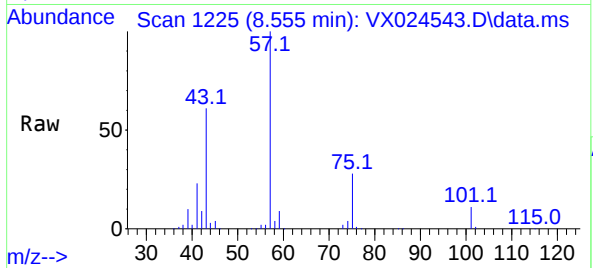




#54
cis-1,3-Dichloropropene
Concen: 11.306 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

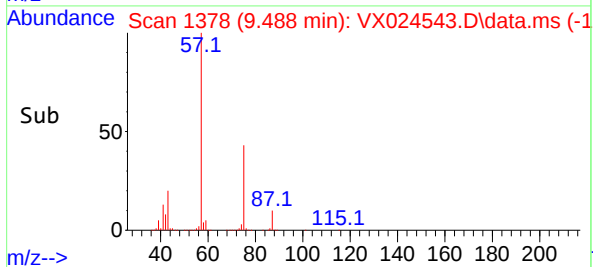
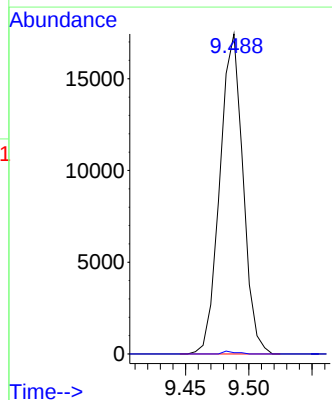
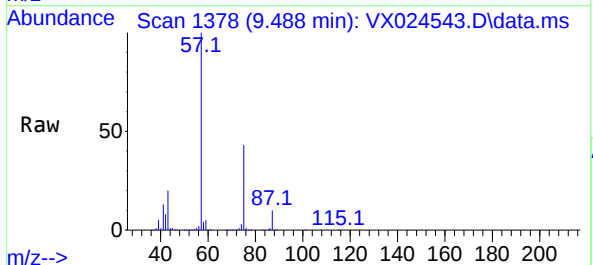
Instrument :
MSVOA_X
ClientSampleId :
PB139574TB

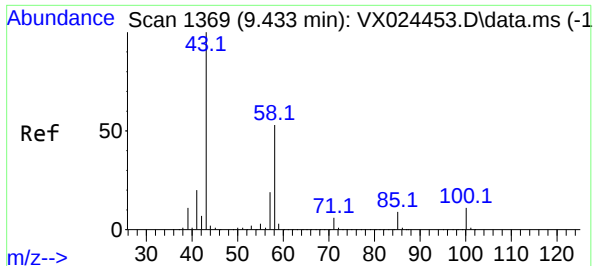
Tgt Ion: 75 Resp: 30358
Ion Ratio Lower Upper
75 100
77 1.0 25.7 38.5#
39 35.4 35.1 52.7



#57
1,3-Dichloropropane
Concen: 7.483 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 76 Resp: 22160
Ion Ratio Lower Upper
76 100
78 0.5 26.2 39.2#

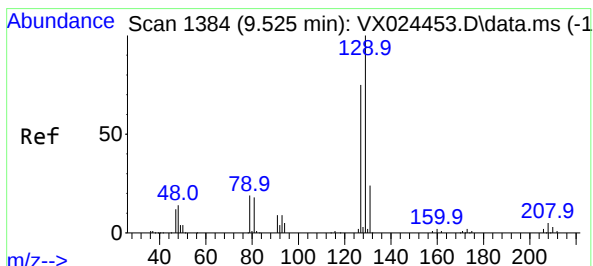
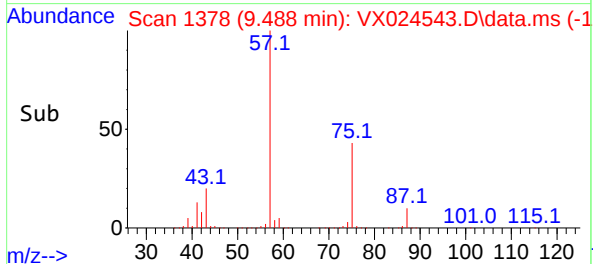
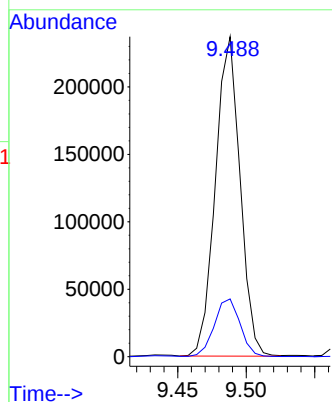
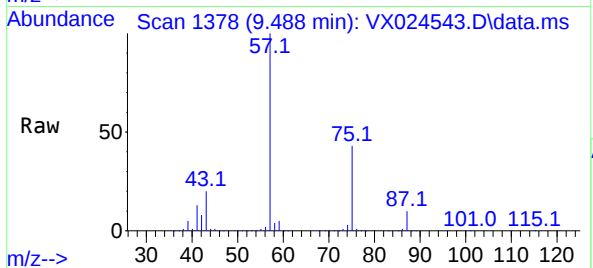




#59
2-Hexanone
Concen: 130.599 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

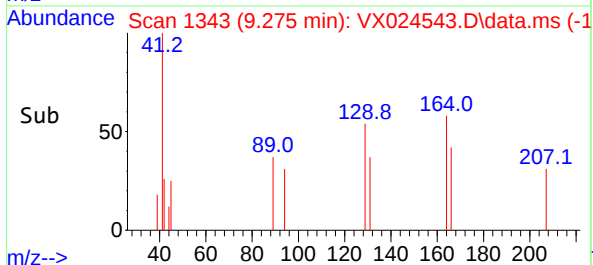
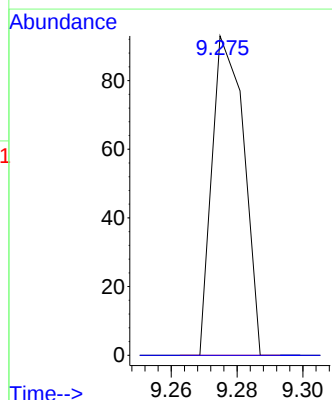
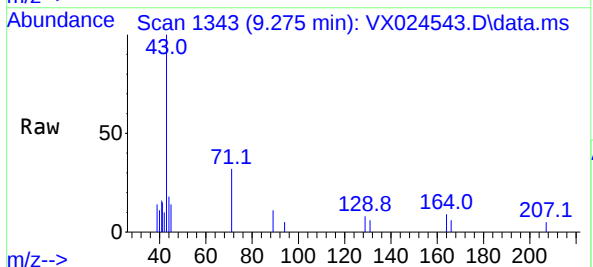
Instrument :
MSVOA_X
ClientSampled :
PB139574TB

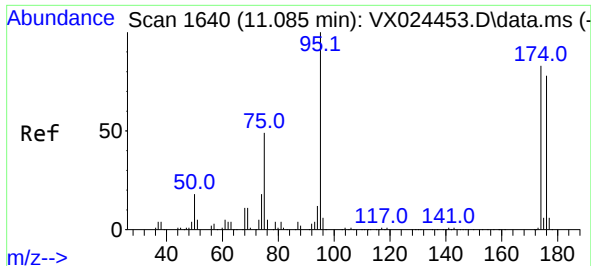
Tgt Ion: 43 Resp: 296165
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#



#60
Dibromochloromethane
Concen: 1.218 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 129 Resp: 62
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

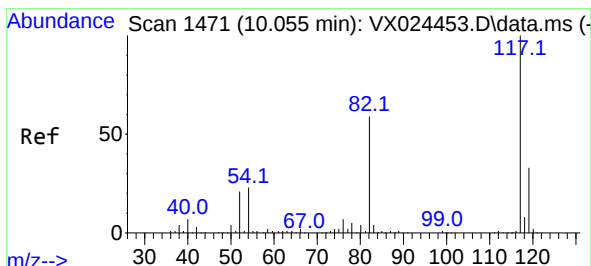
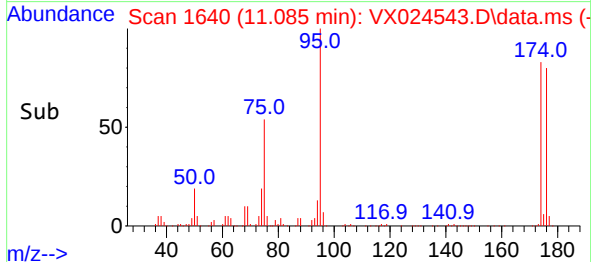
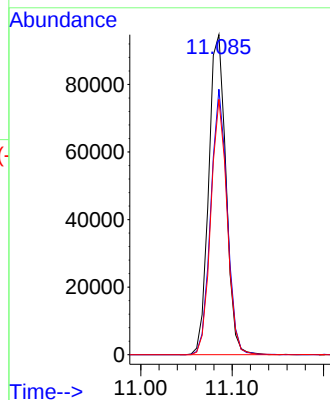
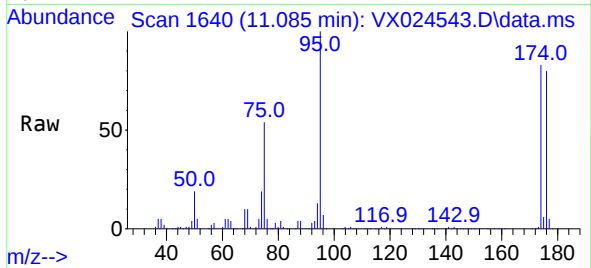




#62
4-Bromofluorobenzene
Concen: 53.644 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

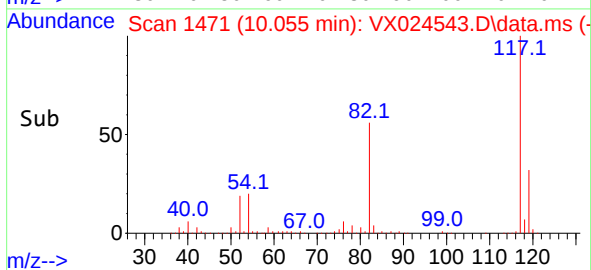
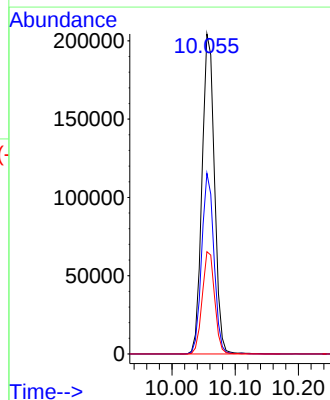
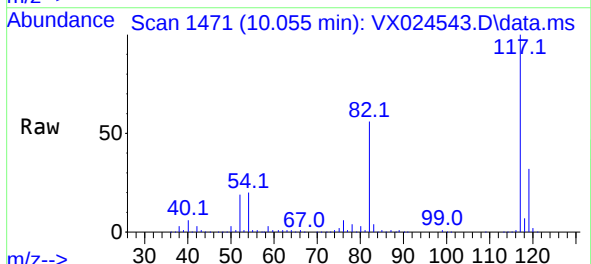
Instrument :
MSVOA_X
ClientSampleId :
PB139574TB

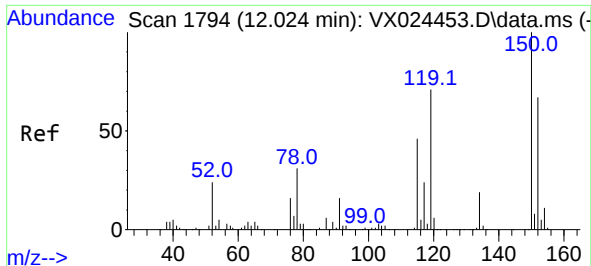
Tgt Ion: 95 Resp: 123622
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 75.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 117 Resp: 280228
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 32.0 26.6 39.8

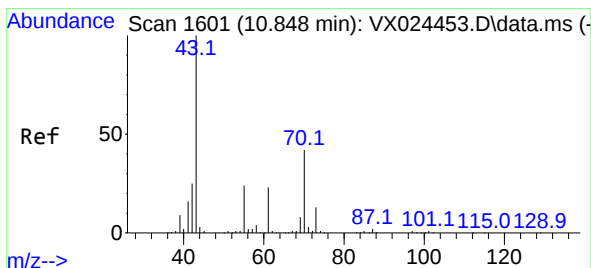
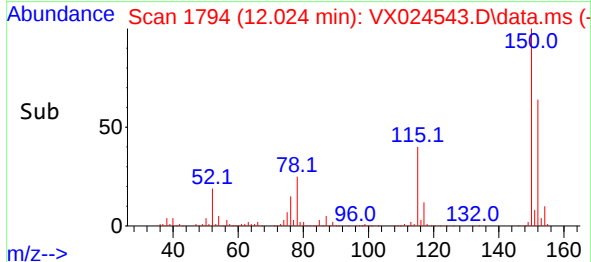
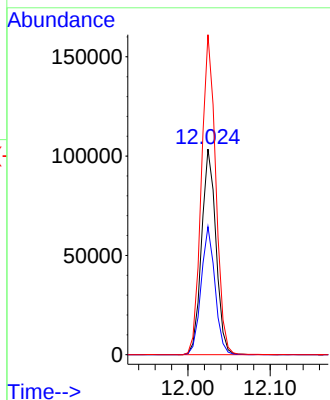
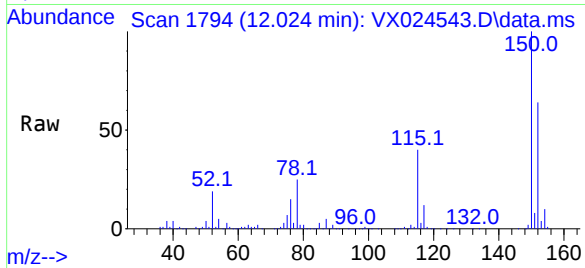




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

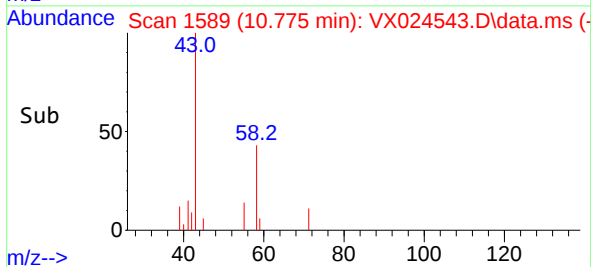
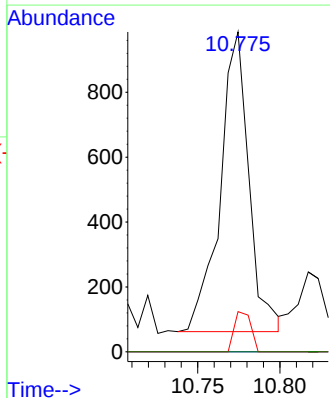
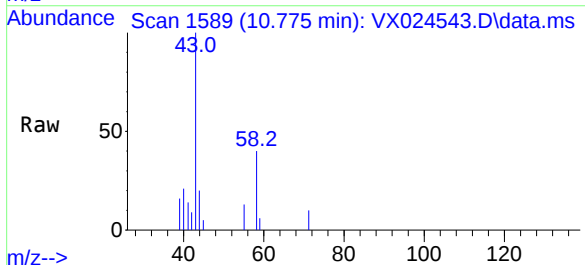
Instrument :
MSVOA_X
ClientSampleId :
PB139574TB

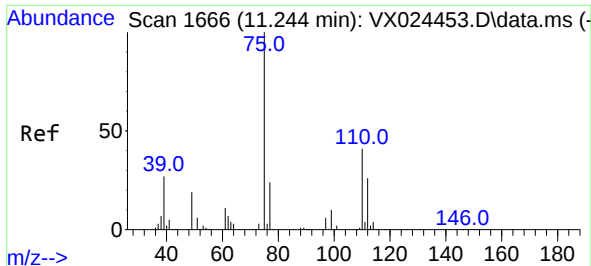
Tgt Ion:152 Resp: 125468
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 156.1 0.0 349.0



#74
N-ethyl acetate
Concen: 0.275 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 43 Resp: 1124
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 7.7 21.5 32.3#
61 0.0 22.1 33.1#

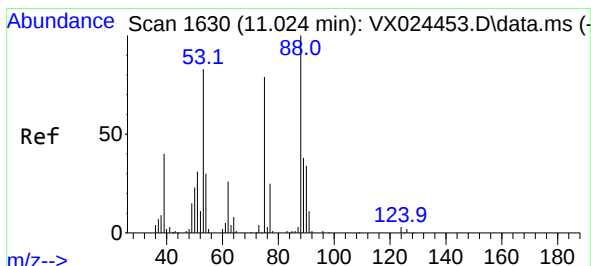
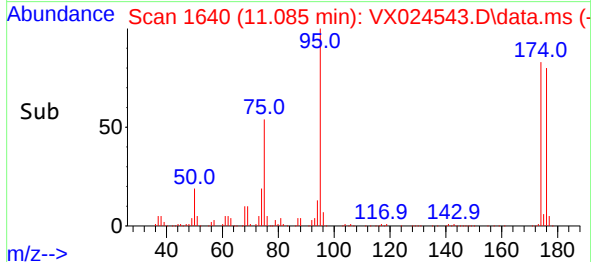
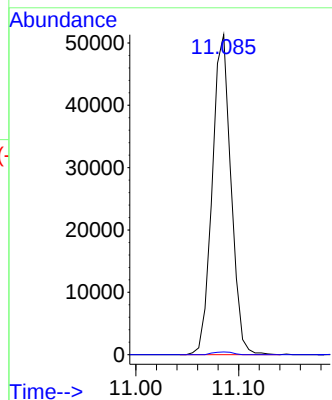
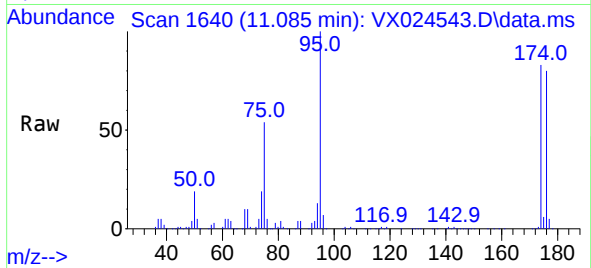




#76
1,2,3-Trichloropropane
Concen: 22.776 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Instrument :
MSVOA_X
ClientSampleId :
PB139574TB

Tgt Ion: 75 Resp: 64897
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.282 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024543.D
Acq: 05 Oct 2021 01:21

Tgt Ion: 75 Resp: 64897
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

