

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100224\
 Data File : VX043241.D
 Acq On : 02 Oct 2024 19:00
 Operator : JC/MD
 Sample : P4254-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 02:38:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

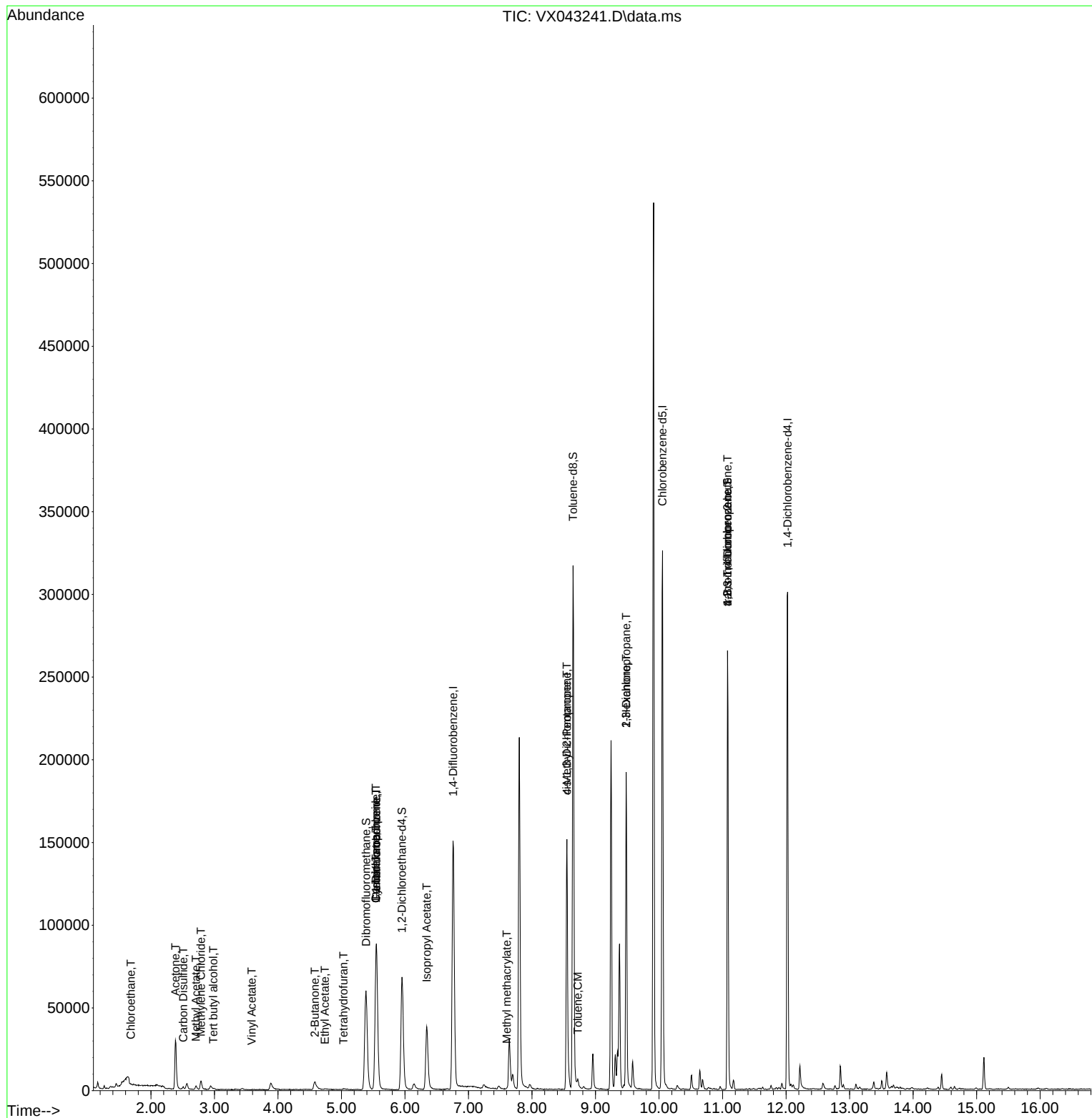
Internal Standards						
1) Pentafluorobenzene	5.550	168	80919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70046	53.004	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.000%	
35) Dibromofluoromethane	5.385	113	52573	49.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.800%	
50) Toluene-d8	8.647	98	186934	50.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	11.079	95	70027	52.261	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.520%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.684	64	264	0.730	ug/l #	42
11) Tert butyl alcohol	2.983	59	750	2.982	ug/l #	79
16) Acetone	2.385	43	34943	63.316	ug/l	99
17) Carbon Disulfide	2.507	76	1879	0.859	ug/l	98
18) Methyl Acetate	2.709	43	2785	2.012	ug/l	95
20) Methylene Chloride	2.788	84	2874	2.824	ug/l #	84
23) Vinyl Acetate	3.586	43	56	6.356	ug/l #	71
25) 2-Butanone	4.580	43	9932	13.125	ug/l	97
29) Tetrahydrofuran	5.031	42	456	0.946	ug/l #	45
31) Cyclohexane	5.543	56	1943	1.363	ug/l #	4
36) 1,1-Dichloropropene	5.543	75	6905	5.135	ug/l #	49
37) Ethyl Acetate	4.739	43	418	0.259	ug/l #	80
38) Carbon Tetrachloride	5.543	117	9172	5.762	ug/l #	15
43) Isopropyl Acetate	6.342	43	53943	20.226	ug/l	99
48) Methyl methacrylate	7.604	41	2433	1.859	ug/l #	13
51) 4-Methyl-2-Pentanone	8.549	43	55582	34.315	ug/l #	52
52) Toluene	8.720	92	1612	0.631	ug/l	99
54) cis-1,3-Dichloropropene	8.549	75	24044	14.314	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	1643	0.950	ug/l #	43
59) 2-Hexanone	9.482	43	25216	20.586	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	38346	27.154	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	38346	70.373	ug/l #	8

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
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ClientSampleId :

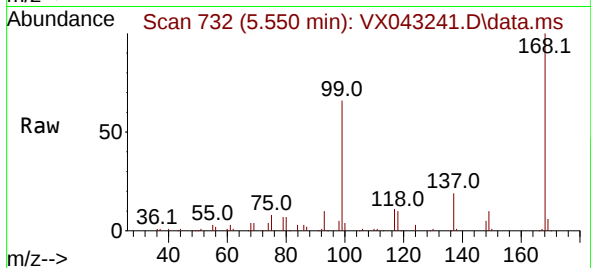
Quant Time: Oct 03 02:38:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
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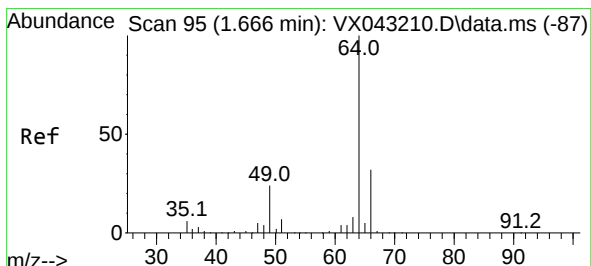
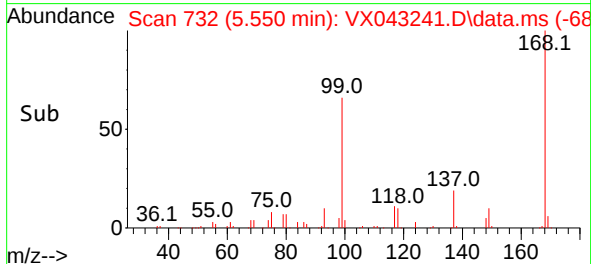
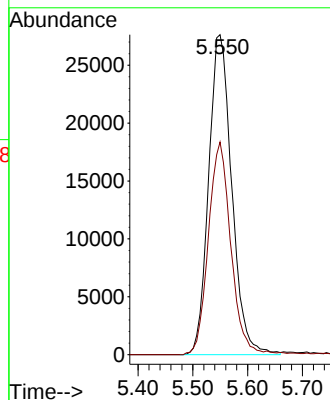


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

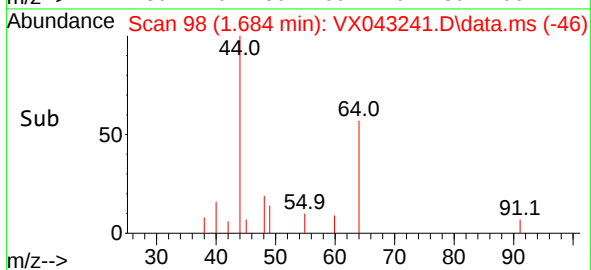
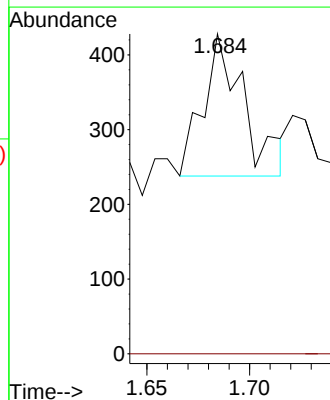
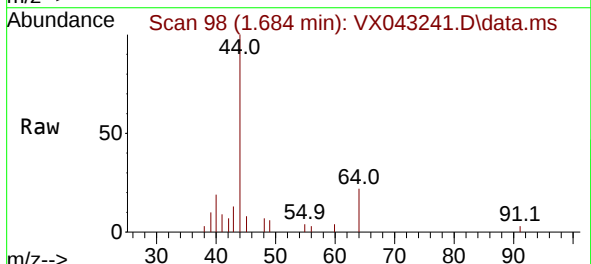


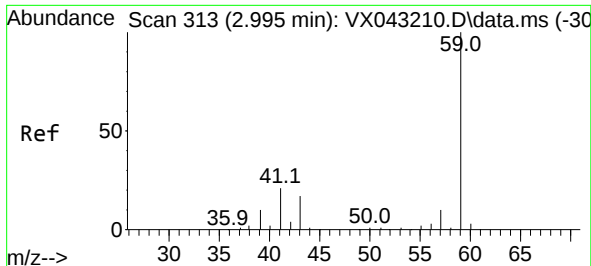
Tgt Ion:168 Resp: 80919
Ion Ratio Lower Upper
168 100
99 66.5 49.7 74.5



#6
Chloroethane
Concen: 0.730 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.018 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion: 64 Resp: 264
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.8#





#11

Tert butyl alcohol

Concen: 2.982 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX043241.D

Acq: 02 Oct 2024 19:00

Instrument :

MSVOA_X

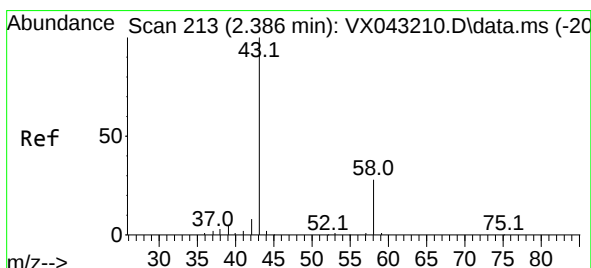
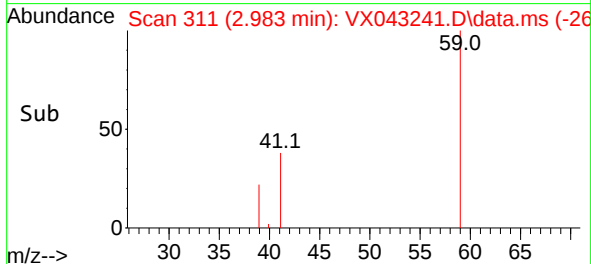
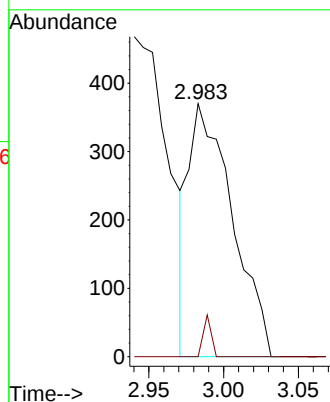
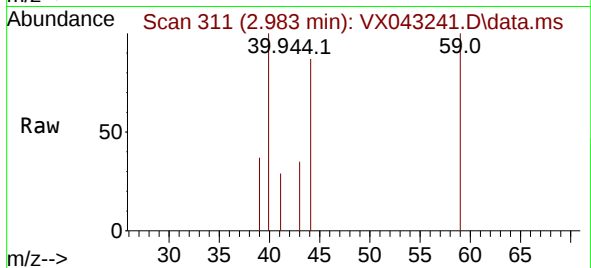
ClientSampleId :

Tgt Ion: 59 Resp: 750

Ion Ratio Lower Upper

59 100

57 2.9 8.6 13.0#



#16

Acetone

Concen: 63.316 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.001 min

Lab File: VX043241.D

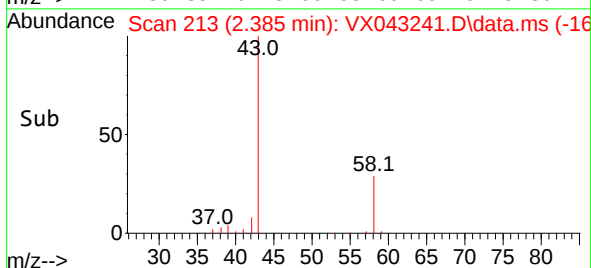
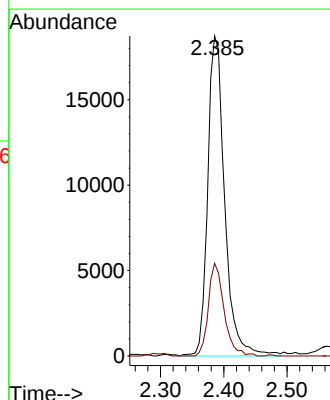
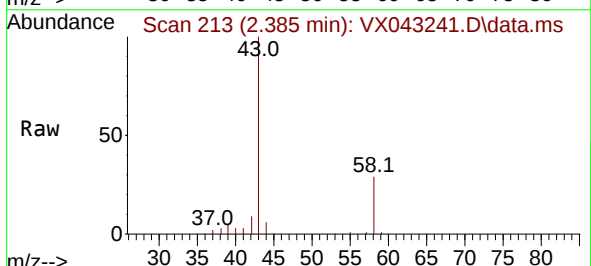
Acq: 02 Oct 2024 19:00

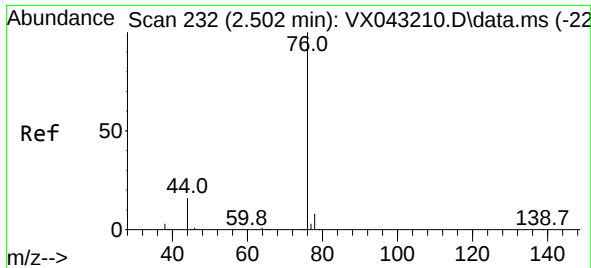
Tgt Ion: 43 Resp: 34943

Ion Ratio Lower Upper

43 100

58 29.0 22.6 33.8

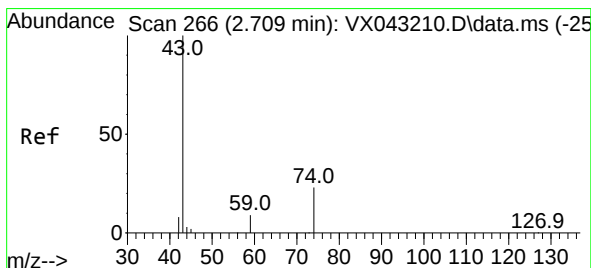
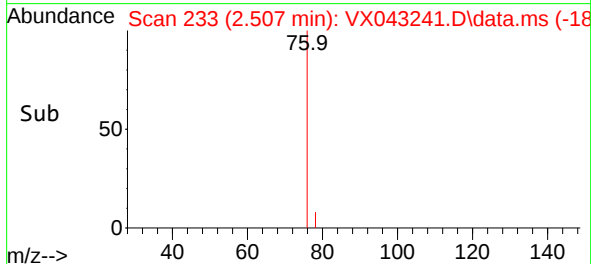
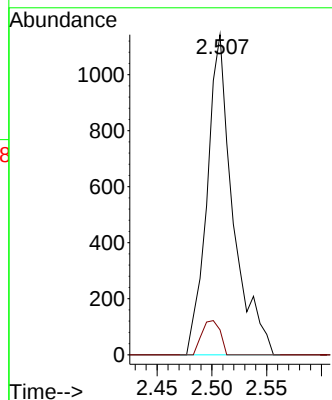
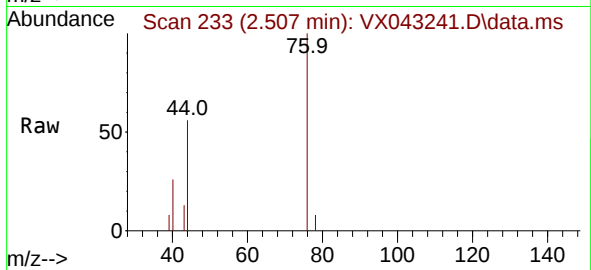




#17
Carbon Disulfide
Concen: 0.859 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

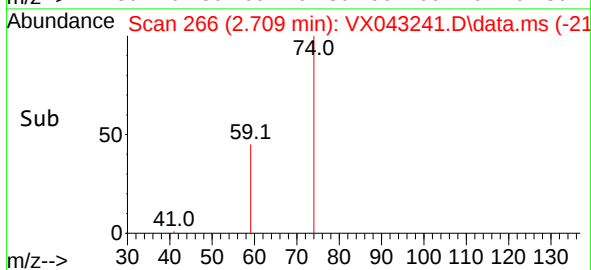
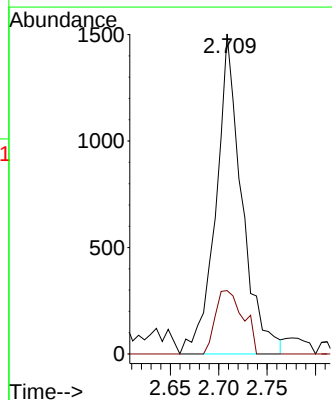
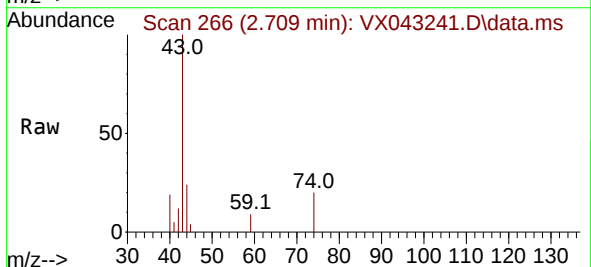
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1879
Ion Ratio Lower Upper
76 100
78 7.8 6.7 10.1



#18
Methyl Acetate
Concen: 2.012 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

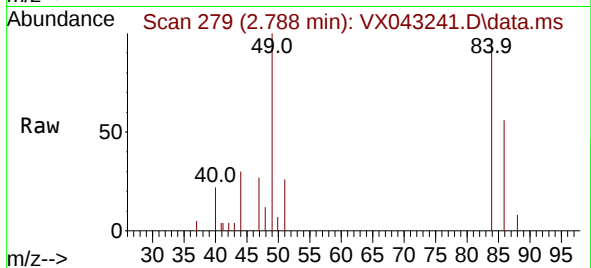
Tgt Ion: 43 Resp: 2785
Ion Ratio Lower Upper
43 100
74 21.4 19.1 28.7



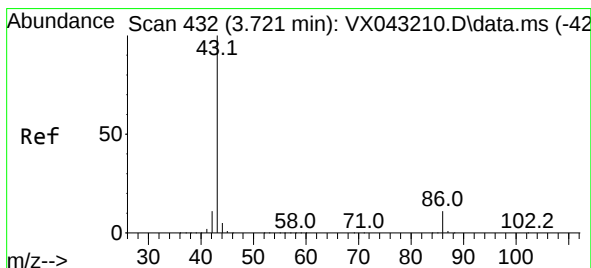
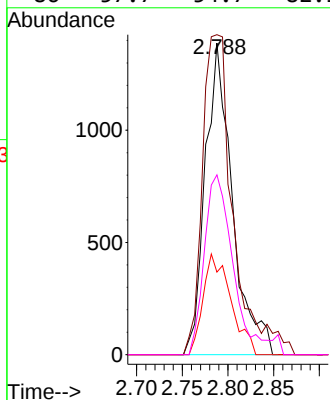
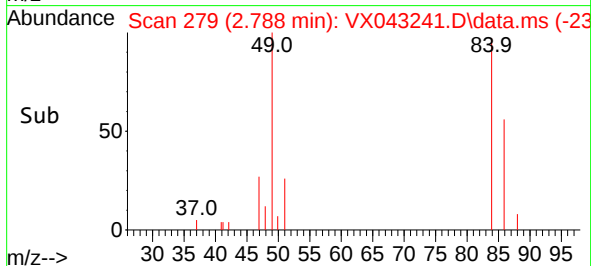


#20
Methylene Chloride
Concen: 2.824 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

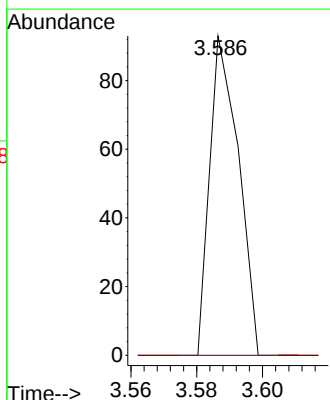
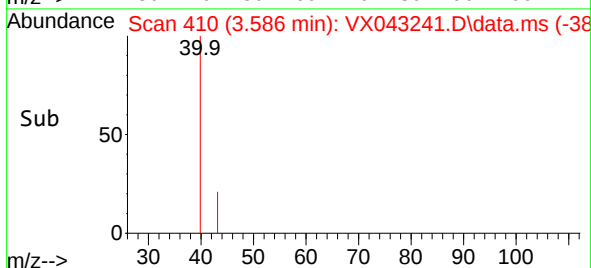
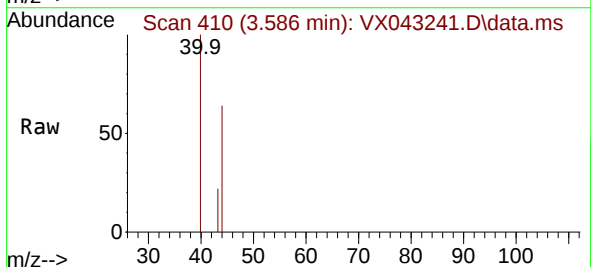


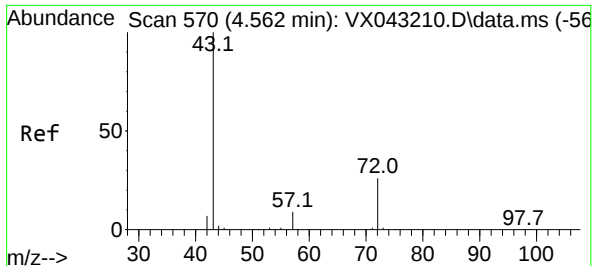
Tgt Ion: 84	Resp: 2874
Ion Ratio	Lower Upper
84 100	
49 102.7	96.7 145.1
51 26.5	30.4 45.6#
86 57.7	54.7 82.1



#23
Vinyl Acetate
Concen: 6.356 ug/l
RT: 3.586 min Scan# 410
Delta R.T. -0.135 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion: 43	Resp: 56		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.8	13.2#	





#25

2-Butanone

Concen: 13.125 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX043241.D

Acq: 02 Oct 2024 19:00

Instrument :

MSVOA_X

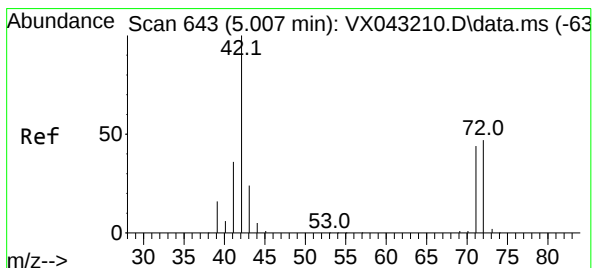
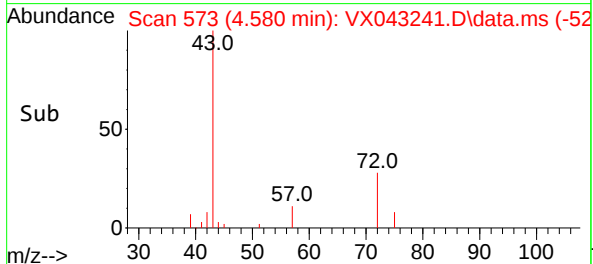
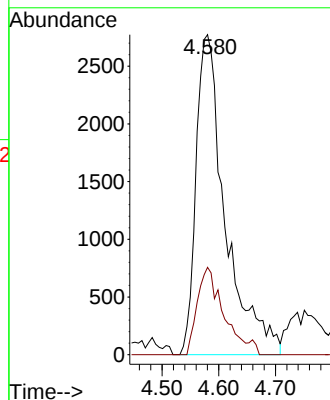
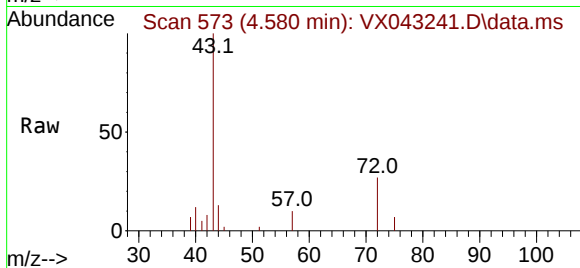
ClientSampleId :

Tgt Ion: 43 Resp: 9932

Ion Ratio Lower Upper

43 100

72 27.3 20.6 31.0



#29

Tetrahydrofuran

Concen: 0.946 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.024 min

Lab File: VX043241.D

Acq: 02 Oct 2024 19:00

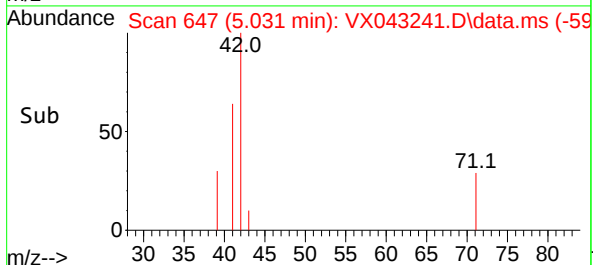
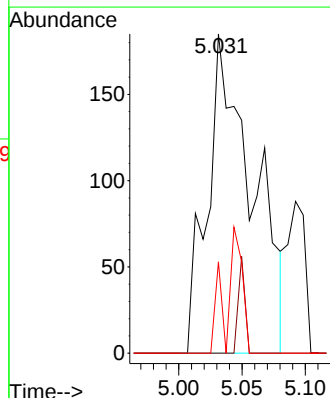
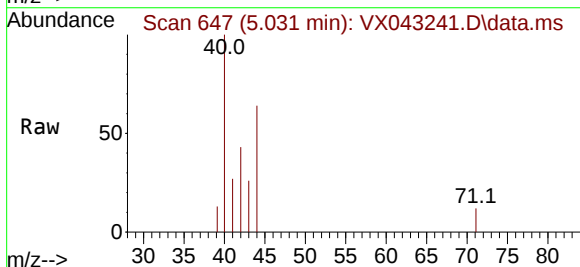
Tgt Ion: 42 Resp: 456

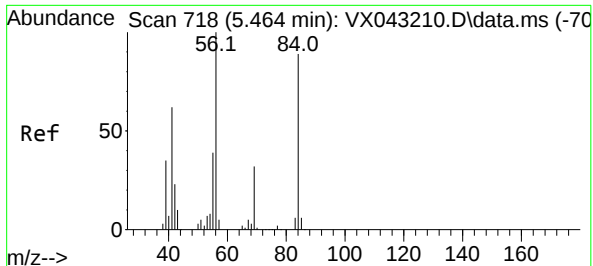
Ion Ratio Lower Upper

42 100

72 4.4 37.7 56.5#

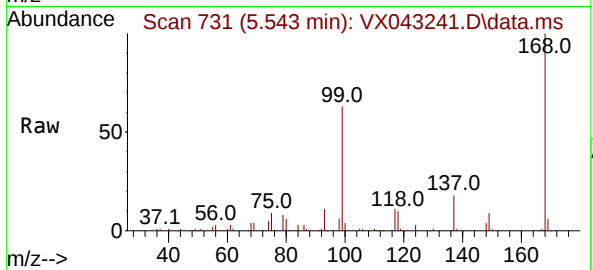
71 14.3 34.6 52.0#



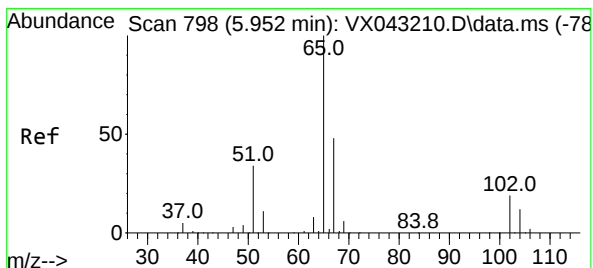
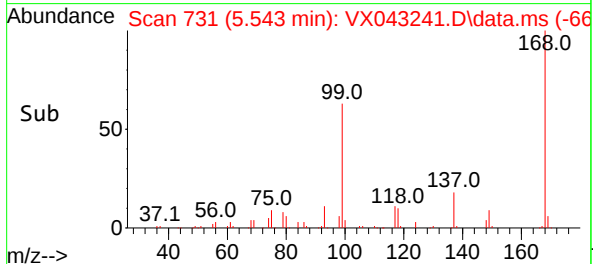
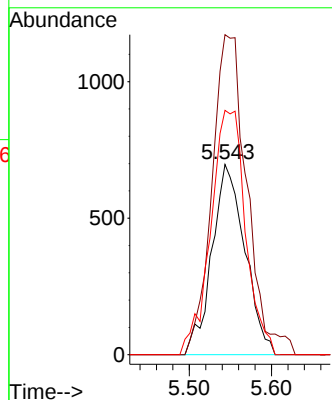


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

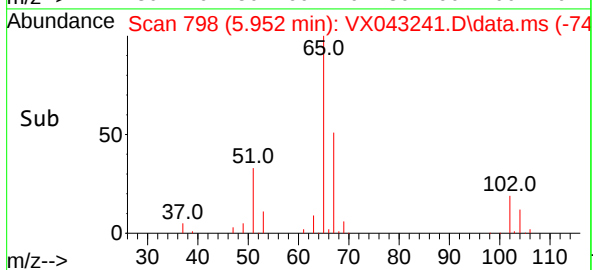
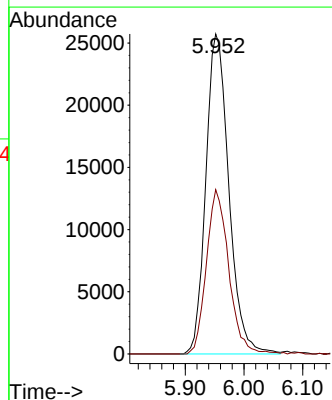
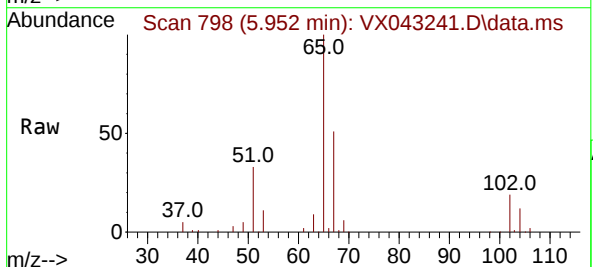


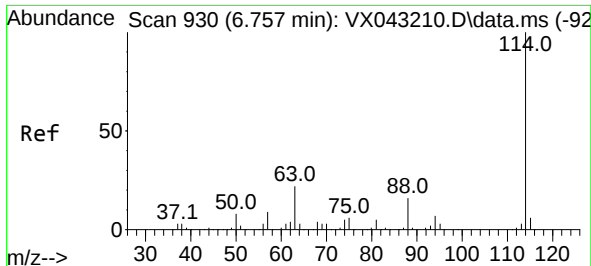
Tgt Ion: 56 Resp: 1943
Ion Ratio Lower Upper
56 100
69 168.1 25.8 38.6#
84 128.4 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 53.004 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion: 65 Resp: 70046
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

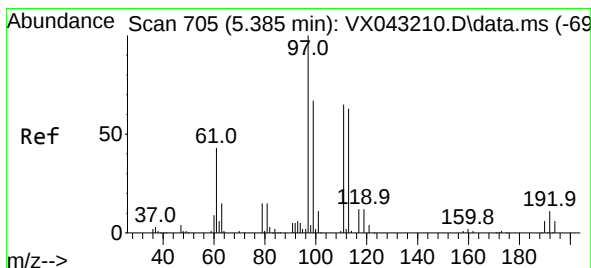
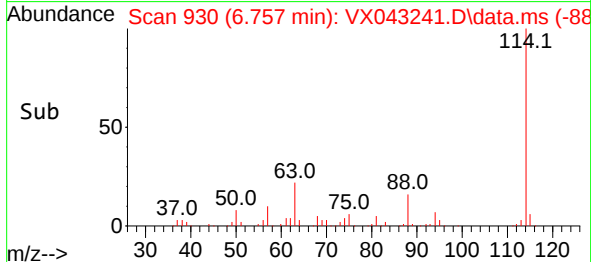
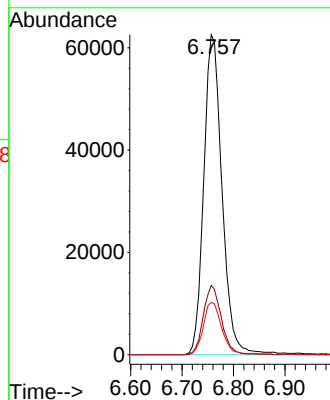
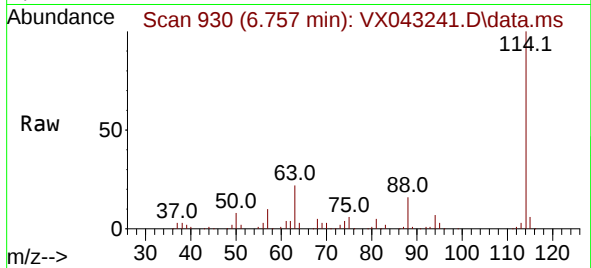




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

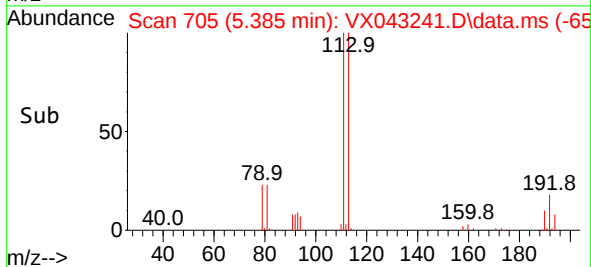
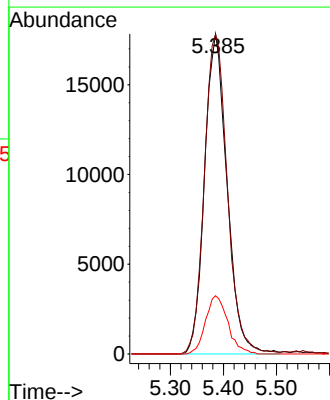
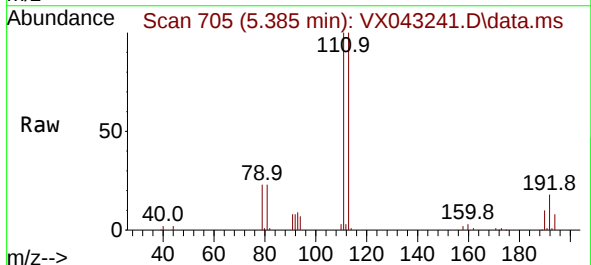
Instrument :
MSVOA_X
ClientSampleId :

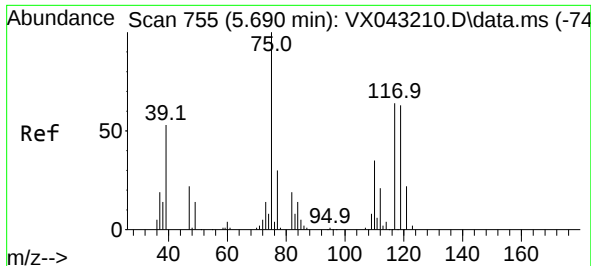
Tgt Ion:114 Resp: 154328
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.0
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

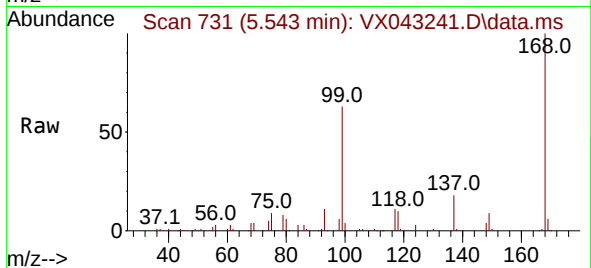
Tgt Ion:113 Resp: 52573
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 18.0 14.1 21.1



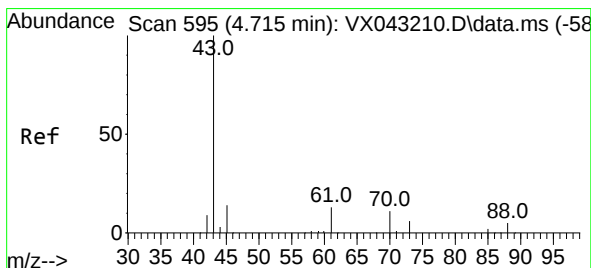
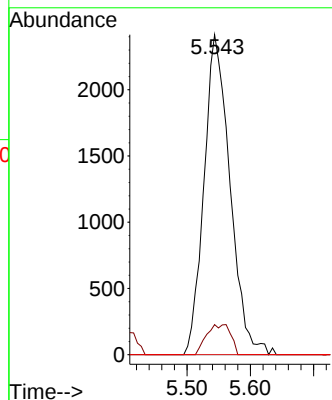
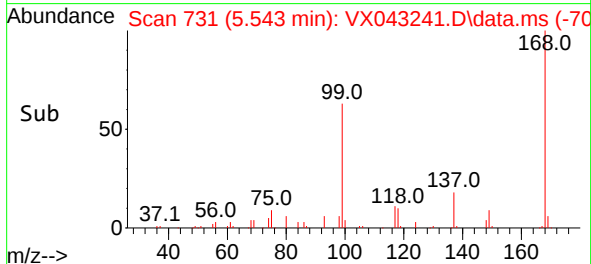


#36
1,1-Dichloropropene
Concen: 5.135 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

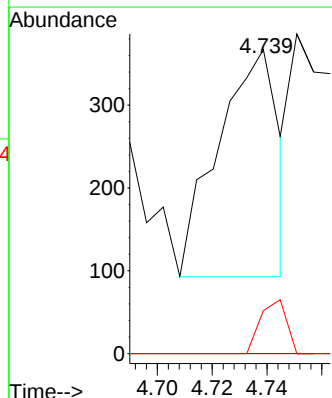
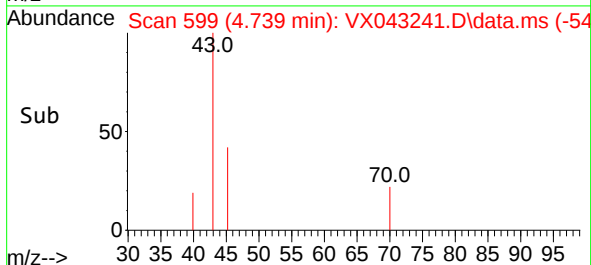
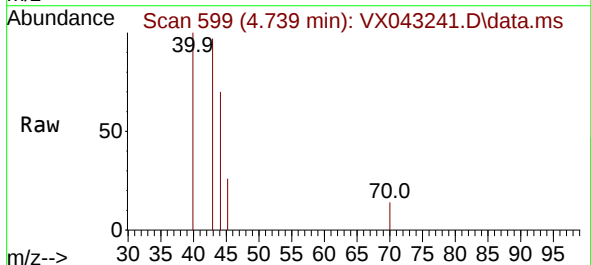


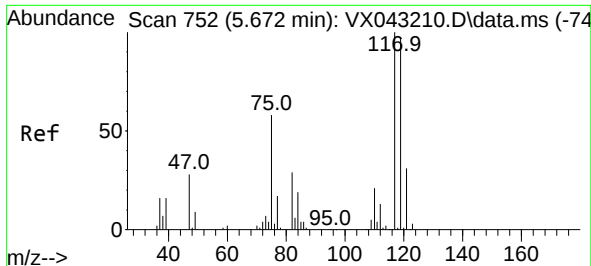
Tgt Ion: 75 Resp: 6905
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.3#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 0.259 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.024 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

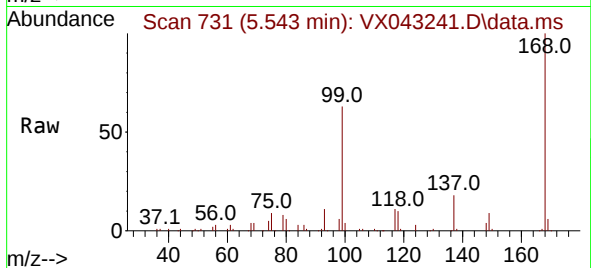
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.4#
70 10.3 8.9 13.3



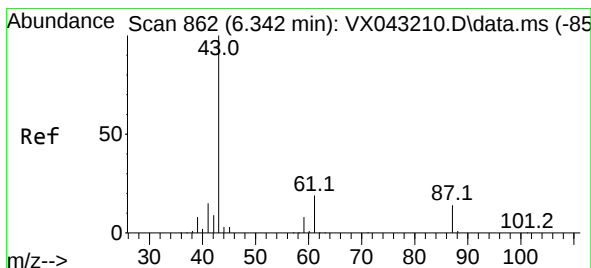
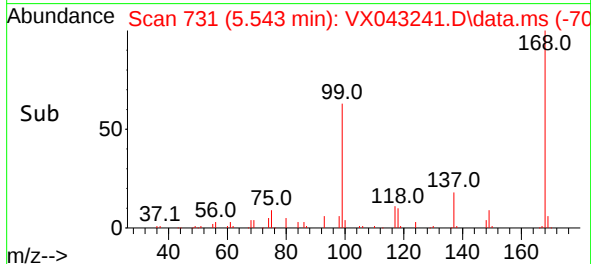
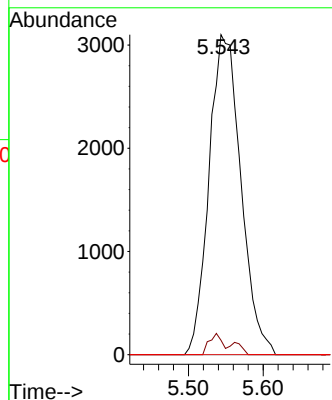


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

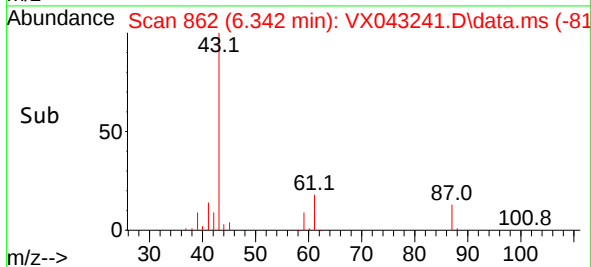
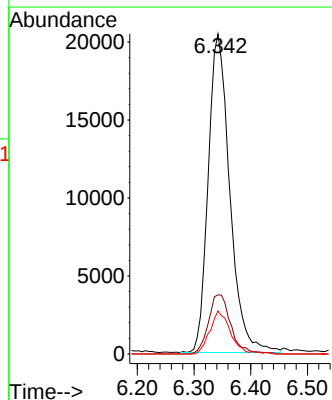
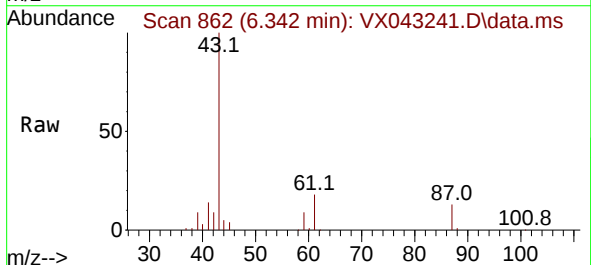


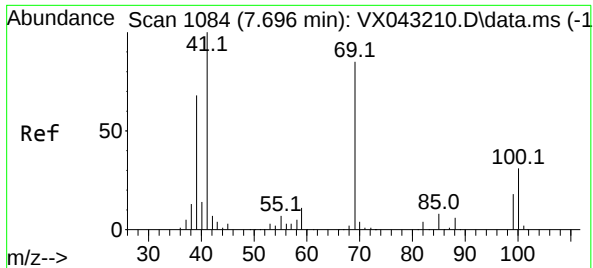
Tgt Ion:117 Resp: 9172
Ion Ratio Lower Upper
117 100
119 4.5 77.7 116.5#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: 20.226 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion: 43 Resp: 53943
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 12.6 10.8 16.2

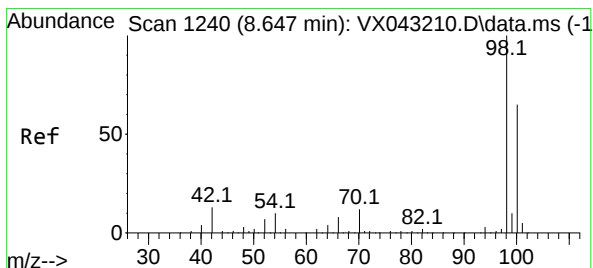
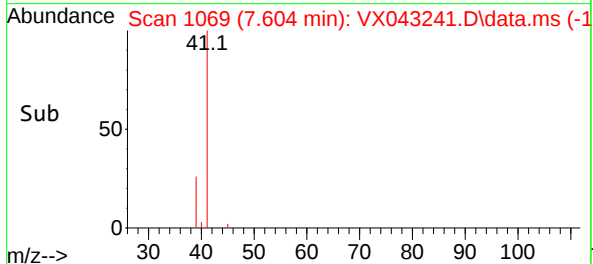
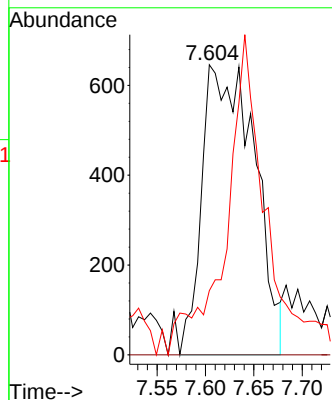
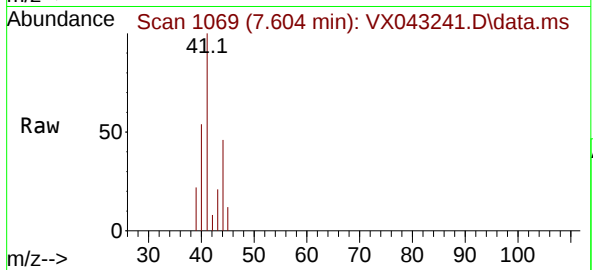




#48
Methyl methacrylate
Concen: 1.859 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

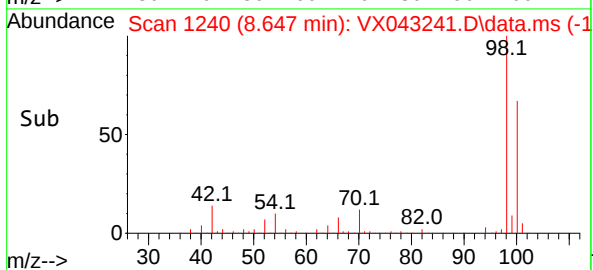
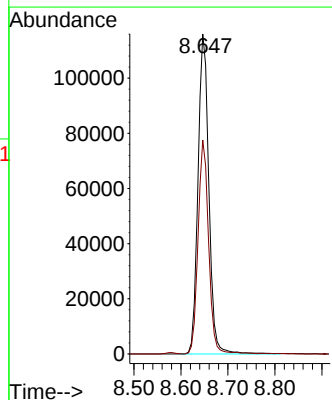
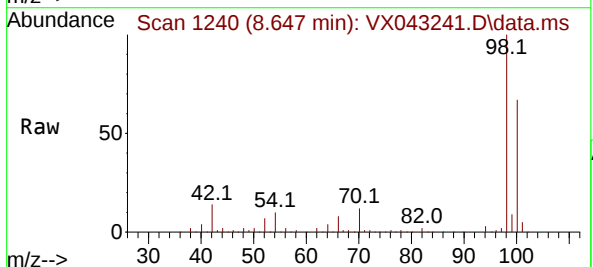
Instrument :
MSVOA_X
ClientSampleId :

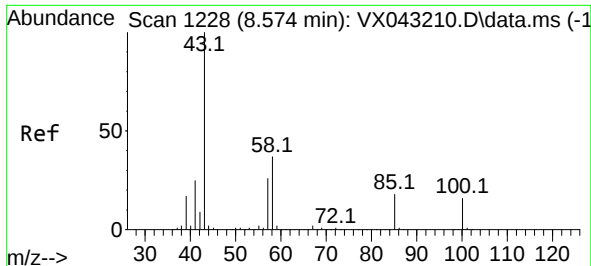
Tgt Ion: 41 Resp: 2433
Ion Ratio Lower Upper
41 100
69 0.0 64.1 96.1#
39 0.0 52.8 79.2#



#50
Toluene-d8
Concen: 50.683 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion: 98 Resp: 186934
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 34.315 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX043241.D

Acq: 02 Oct 2024 19:00

Instrument :

MSVOA_X

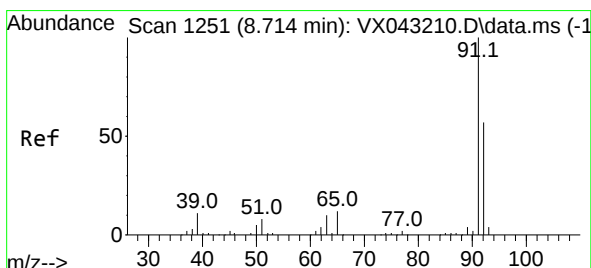
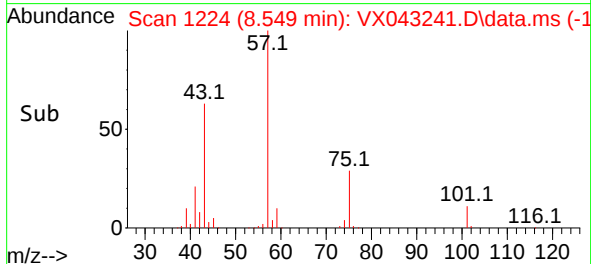
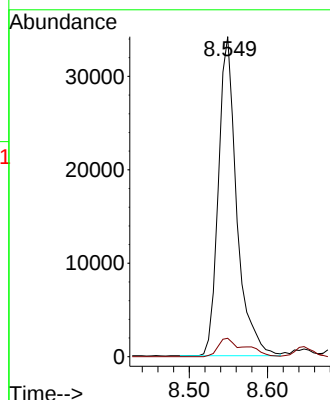
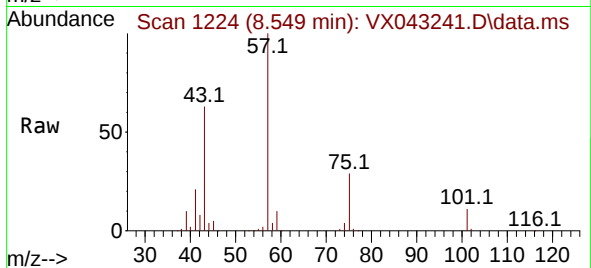
ClientSampleId :

Tgt Ion: 43 Resp: 55582

Ion Ratio Lower Upper

43 100

58 8.5 30.0 45.0#



#52

Toluene

Concen: 0.631 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX043241.D

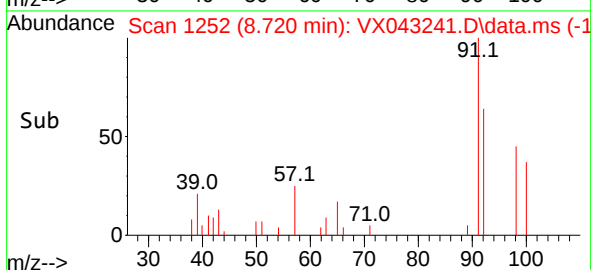
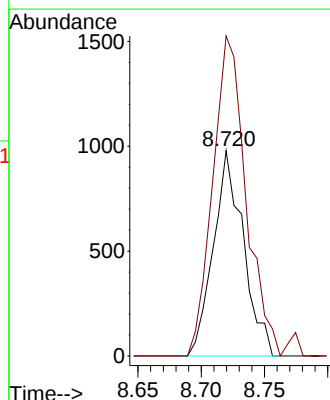
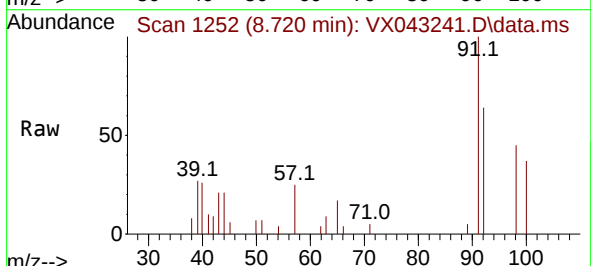
Acq: 02 Oct 2024 19:00

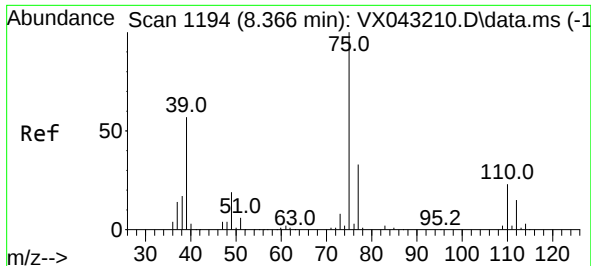
Tgt Ion: 92 Resp: 1612

Ion Ratio Lower Upper

92 100

91 172.8 137.0 205.4

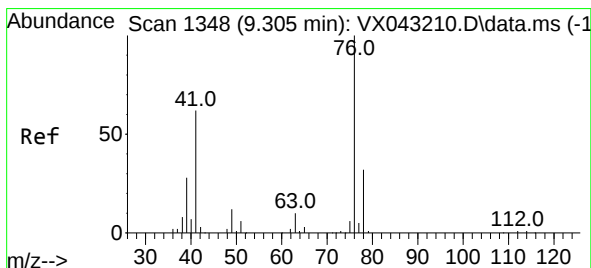
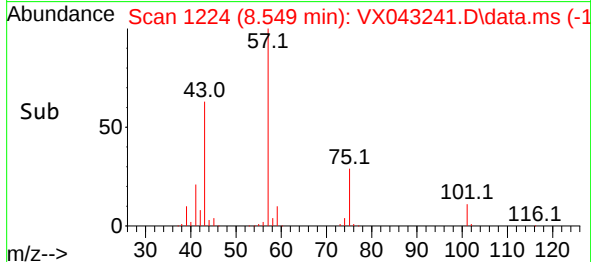
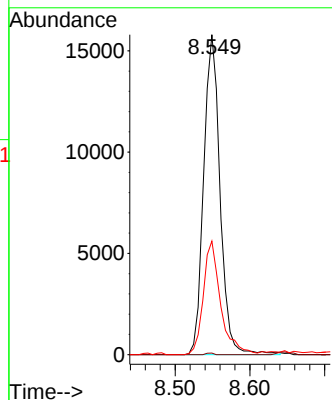
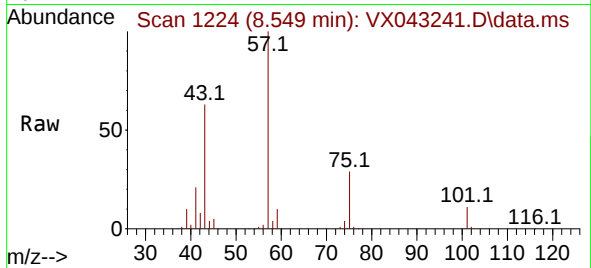




#54
cis-1,3-Dichloropropene
Concen: 14.314 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

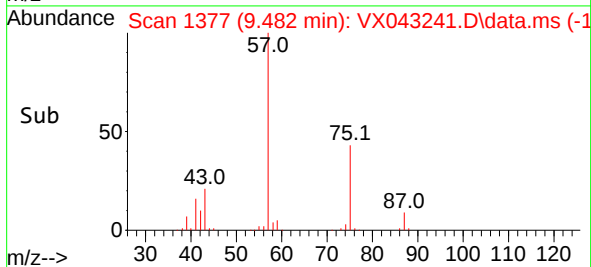
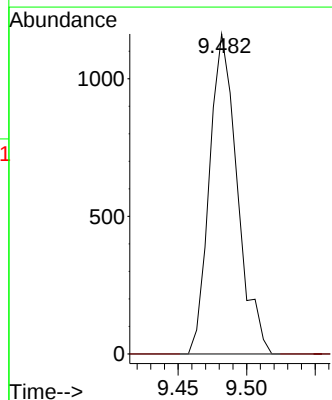
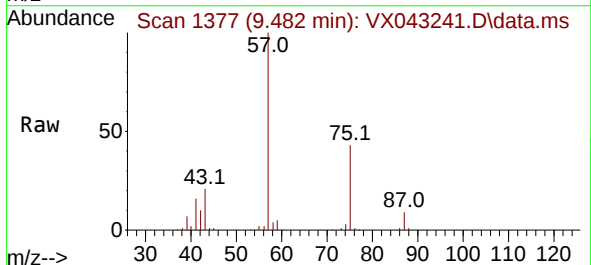
Instrument :
MSVOA_X
ClientSampleId :

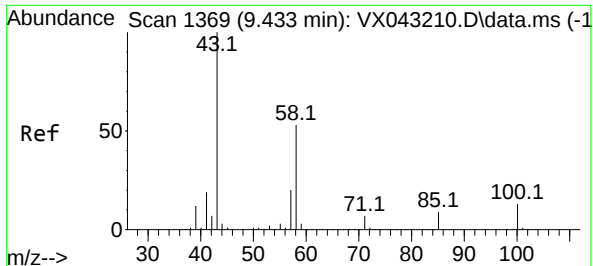
Tgt Ion: 75 Resp: 24044
Ion Ratio Lower Upper
75 100
77 0.5 26.0 39.0#
39 35.5 45.8 68.8#



#57
1,3-Dichloropropane
Concen: 0.950 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion: 76 Resp: 1643
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

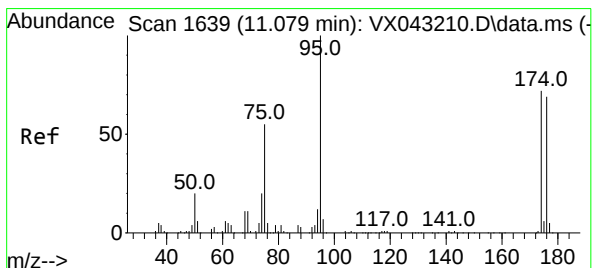
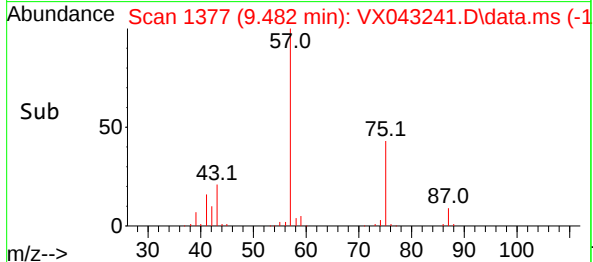
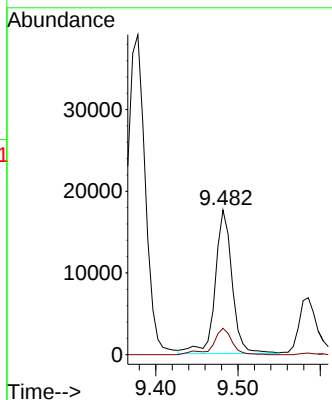
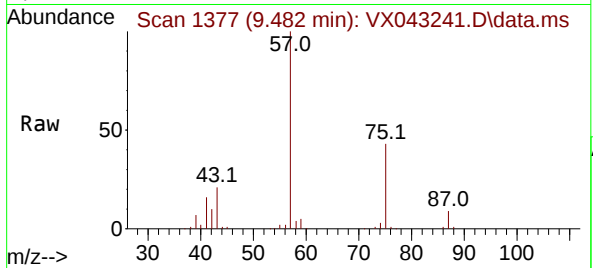




#59
2-Hexanone
Concen: 20.586 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

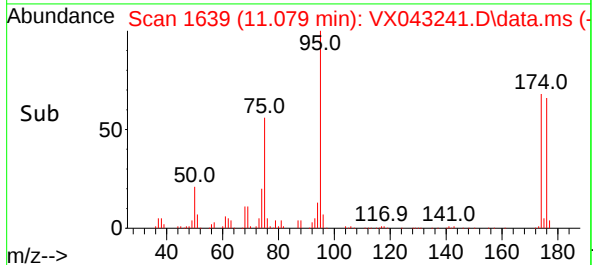
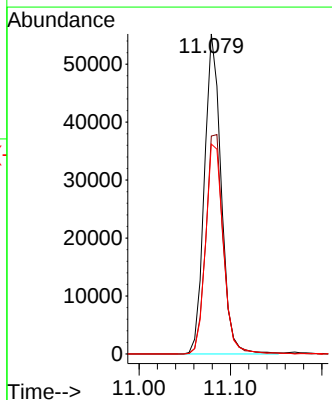
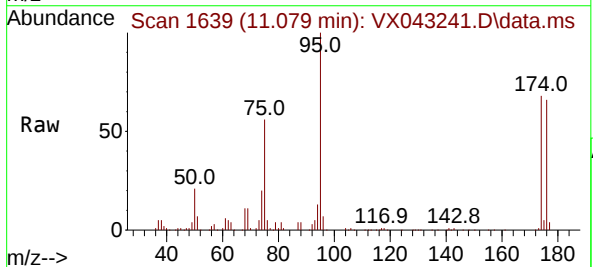
Instrument :
MSVOA_X
ClientSampleId :

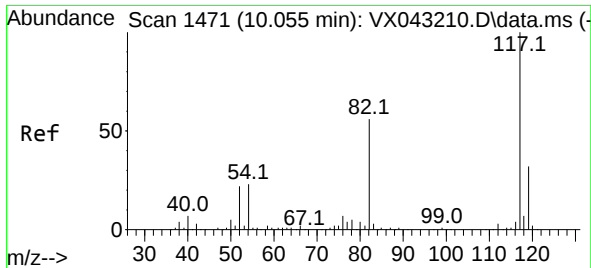
Tgt Ion: 43 Resp: 25216
Ion Ratio Lower Upper
43 100
58 20.5 26.1 78.3#



#62
4-Bromofluorobenzene
Concen: 52.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion: 95 Resp: 70027
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.0
176 69.7 0.0 143.0

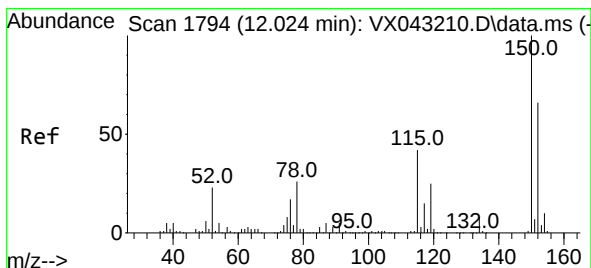
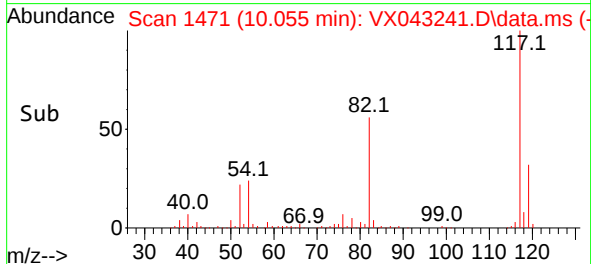
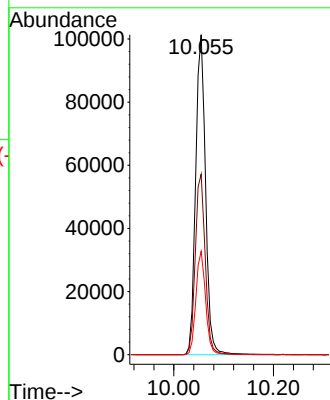
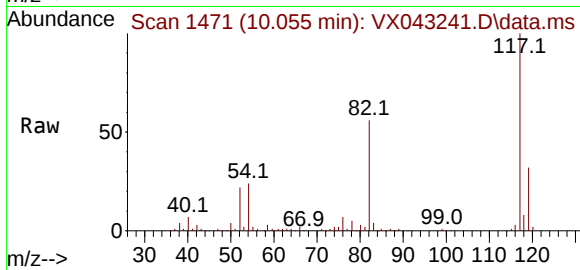




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

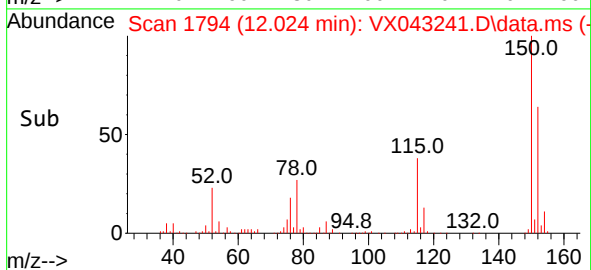
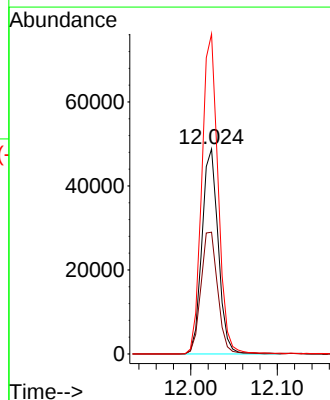
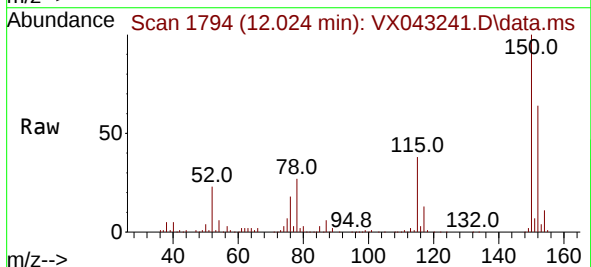
Instrument :
MSVOA_X
ClientSampleId :

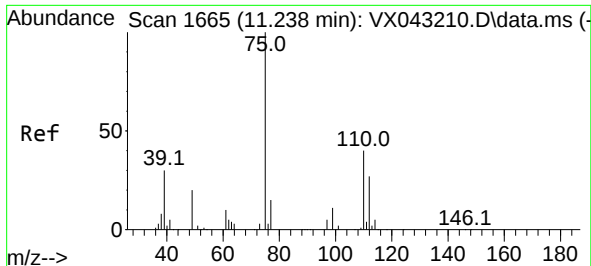
Tgt Ion:117 Resp: 139924
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.6
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion:152 Resp: 63666
Ion Ratio Lower Upper
152 100
115 61.4 44.1 132.3
150 156.3 0.0 347.4

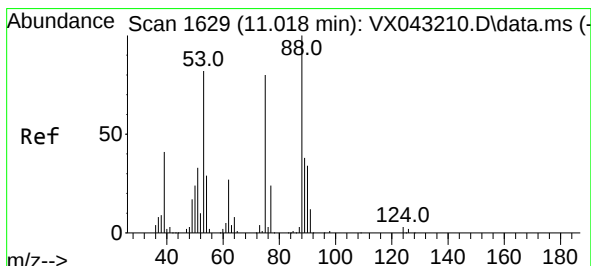
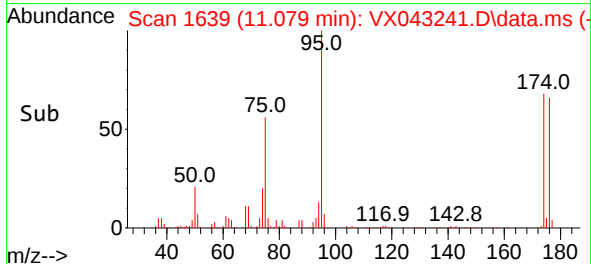
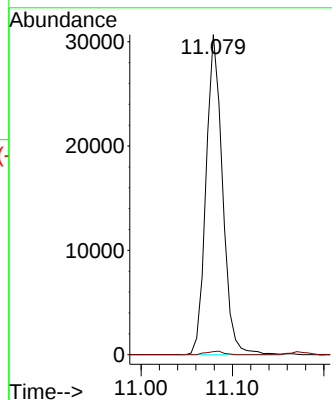
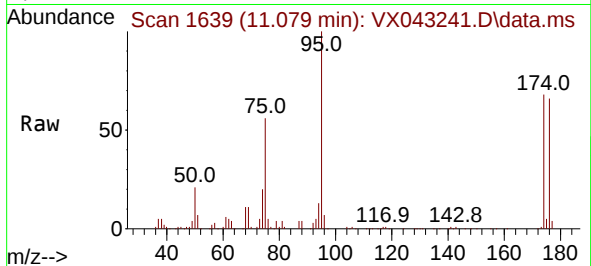




#76
1,2,3-Trichloropropane
Concen: 27.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 38346
Ion Ratio Lower Upper
75 100
77 1.1 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043241.D
Acq: 02 Oct 2024 19:00

Tgt Ion: 75 Resp: 38346
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

