

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043279.D
 Acq On : 04 Oct 2024 11:23
 Operator : JC/MD
 Sample : P4263-09RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB04-20241001

Quant Time: Oct 04 23:27:21 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)

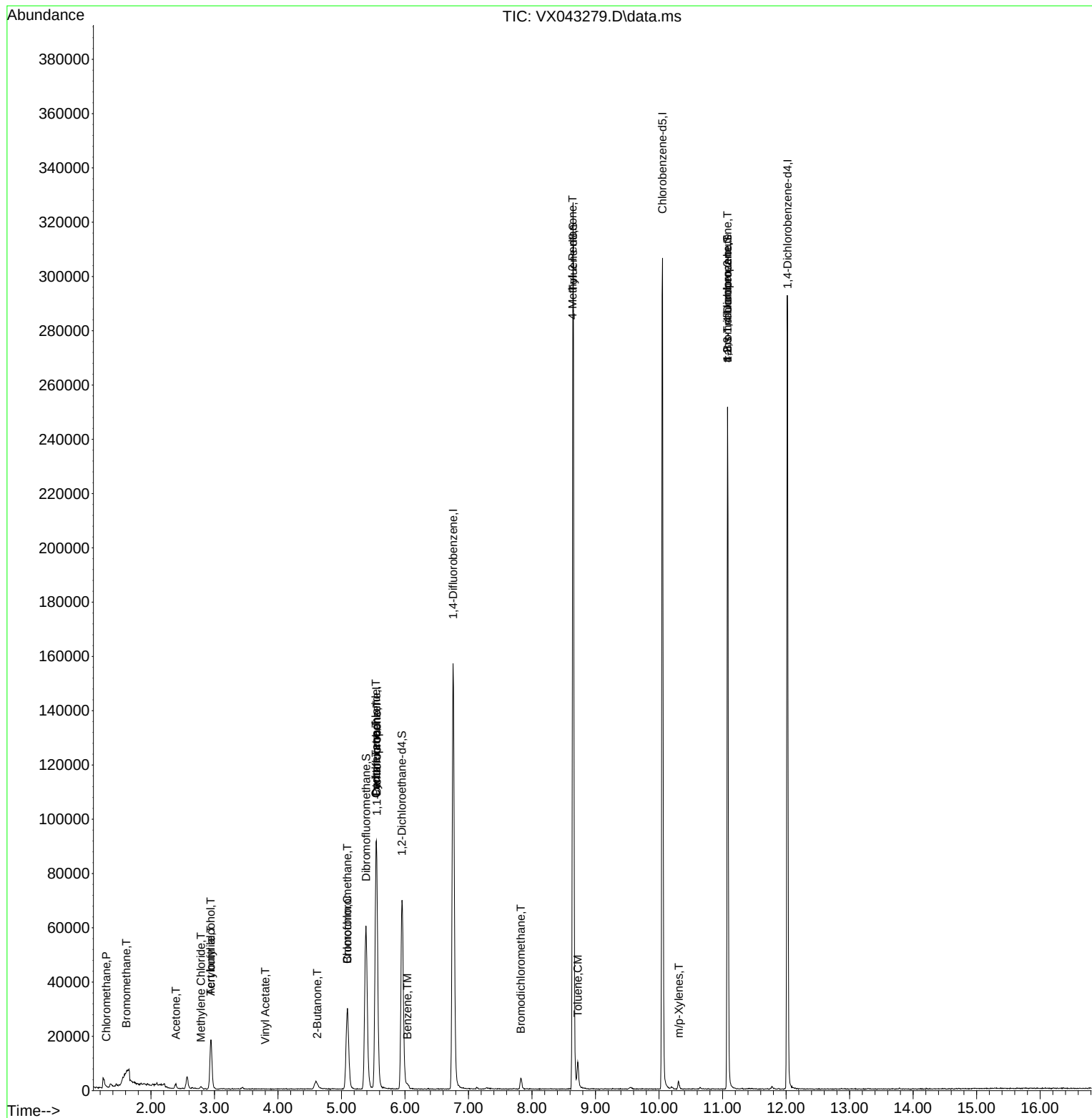
Internal Standards						
1) Pentafluorobenzene	5.550	168	84074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71980	52.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	5.385	113	52087	47.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.340%			
50) Toluene-d8	8.647	98	188648	49.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.640%			
62) 4-Bromofluorobenzene	11.079	95	67442	49.030	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.060%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	267	0.265	ug/l #	42
5) Bromomethane	1.611	94	121	0.294	ug/l #	2
11) Tert butyl alcohol	2.940	59	10826	41.434	ug/l #	75
15) Acrylonitrile	2.940	53	180	0.337	ug/l #	16
16) Acetone	2.392	43	1817	3.169	ug/l #	88
20) Methylene Chloride	2.788	84	510	0.482	ug/l #	76
23) Vinyl Acetate	3.800	43	22	6.345	ug/l #	71
25) 2-Butanone	4.617	43	771	0.981	ug/l #	49
28) Bromochloromethane	5.093	49	2971	4.188	ug/l #	10
30) Chloroform	5.093	83	34709	17.576	ug/l	95
31) Cyclohexane	5.544	56	1955	1.320	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	7242	5.247	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9808	6.003	ug/l #	15
40) Benzene	6.037	78	1667	0.398	ug/l	98
47) Bromodichloromethane	7.824	83	3042	1.880	ug/l #	91
51) 4-Methyl-2-Pentanone	8.641	43	973	0.585	ug/l #	1
52) Toluene	8.720	92	3748	1.429	ug/l	98
68) m/p-Xylenes	10.311	106	919	0.476	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	37237	27.954	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	37237	72.447	ug/l #	8

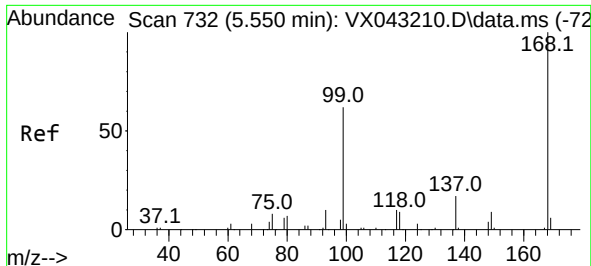
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 23:27:21 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

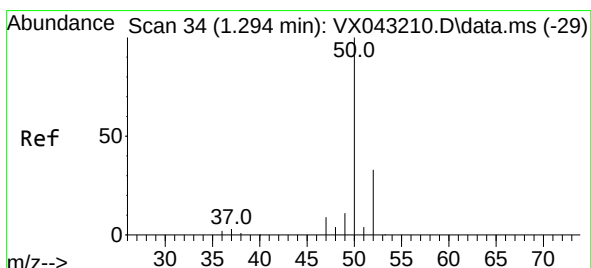
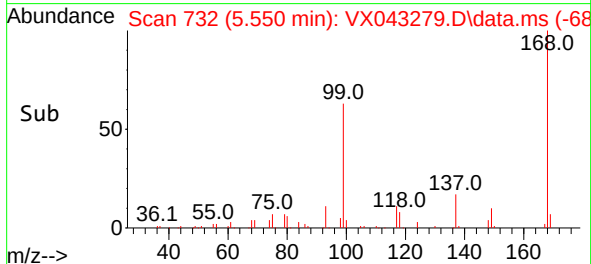
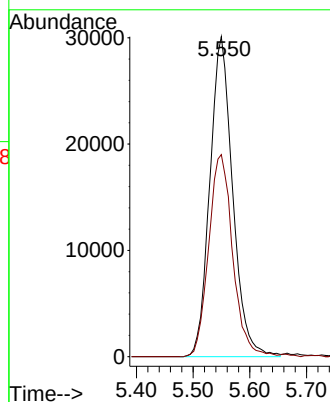
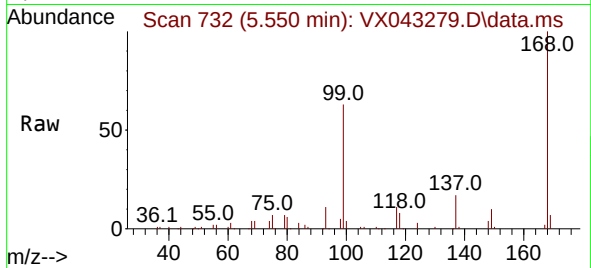




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

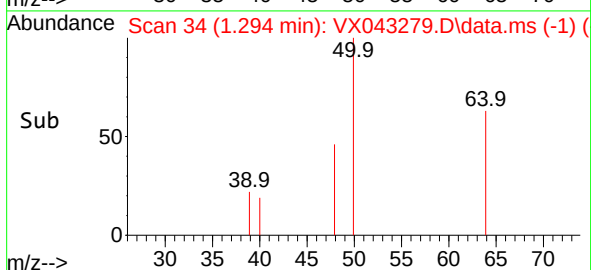
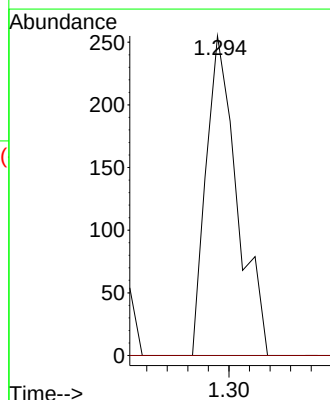
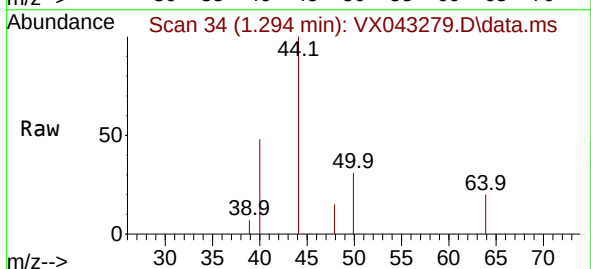
Instrument :
MSVOA_X
ClientSampleId :
EB04-20241001

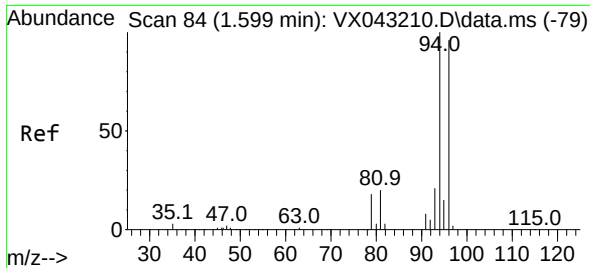
Tgt Ion:168 Resp: 84074
Ion Ratio Lower Upper
168 100
99 63.2 49.7 74.5



#3
Chloromethane
Concen: 0.265 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion: 50 Resp: 267
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

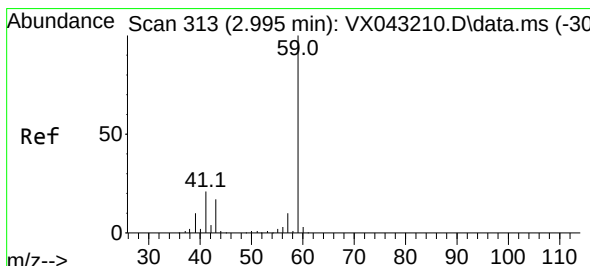
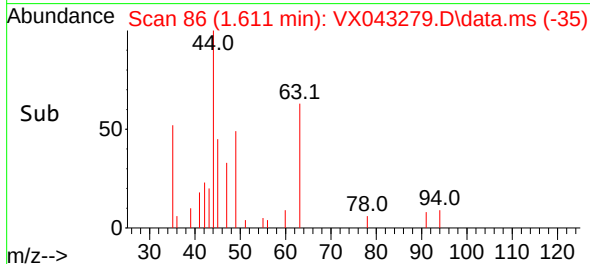
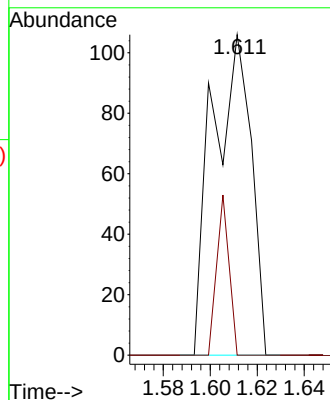
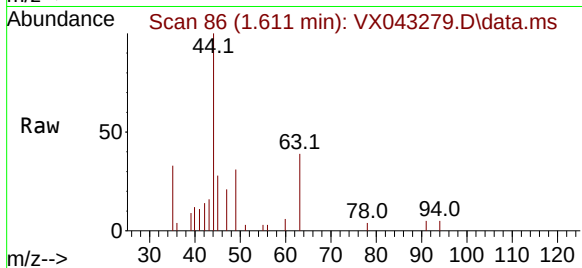




#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

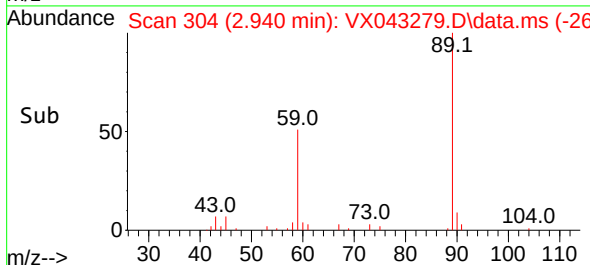
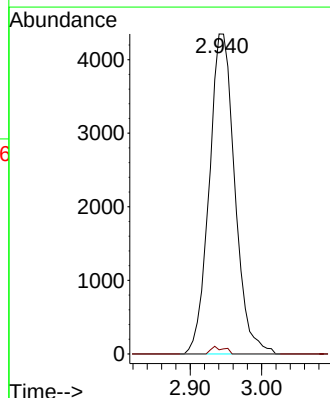
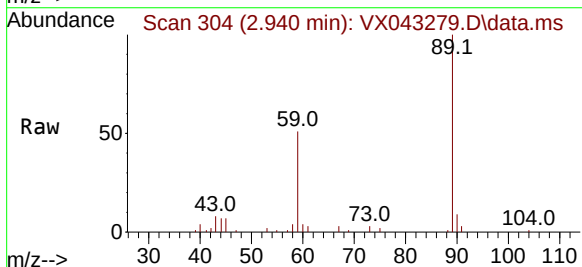
Instrument :
MSVOA_X
ClientSampleId :
EB04-20241001

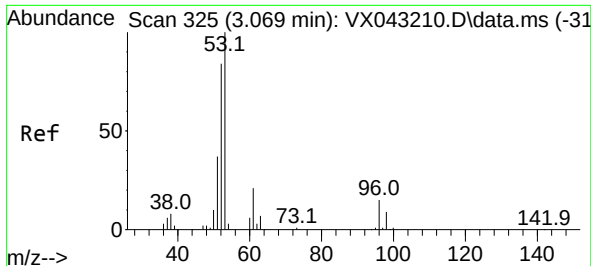
Tgt Ion: 94 Resp: 121
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



#11
Tert butyl alcohol
Concen: 41.434 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion: 59 Resp: 10826
Ion Ratio Lower Upper
59 100
57 1.2 8.6 13.0#





#15

Acrylonitrile

Concen: 0.337 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.128 min

Lab File: VX043279.D

Acq: 04 Oct 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

EB04-20241001

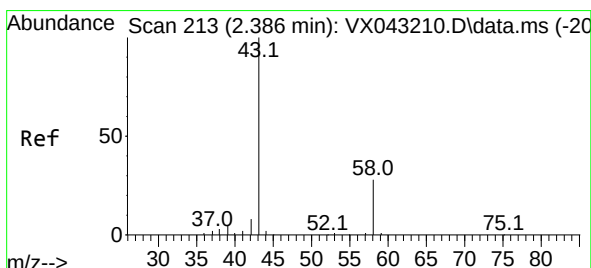
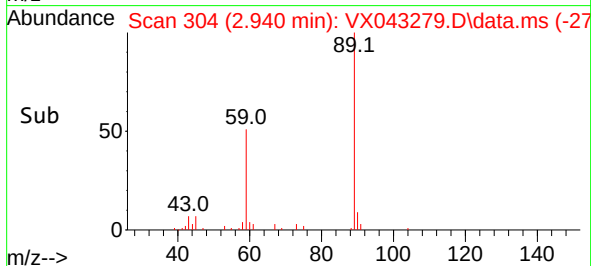
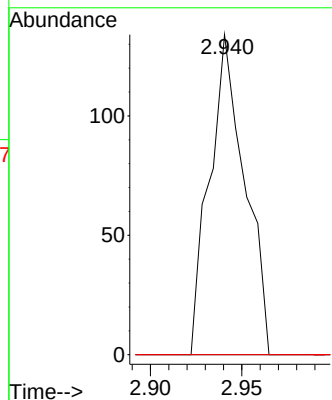
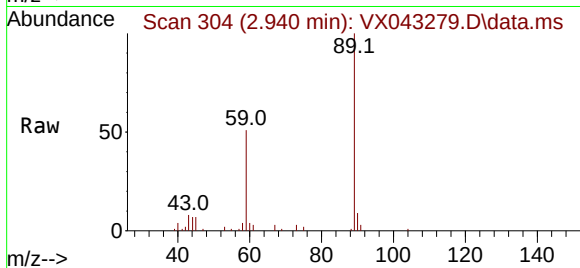
Tgt Ion: 53 Resp: 180

Ion Ratio Lower Upper

53 100

52 0.0 67.6 101.4#

51 0.0 30.3 45.5#



#16

Acetone

Concen: 3.169 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX043279.D

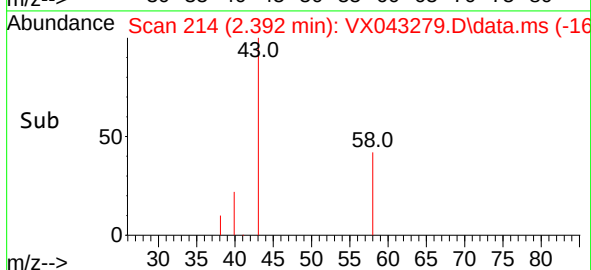
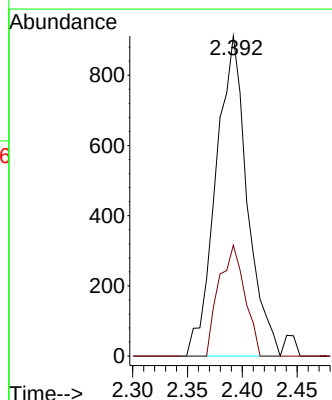
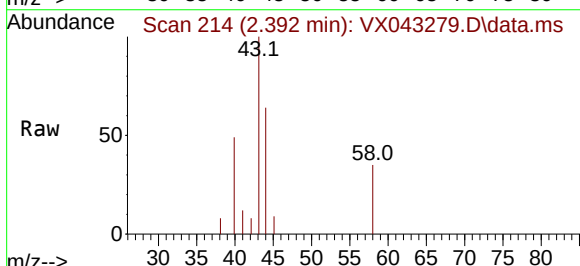
Acq: 04 Oct 2024 11:23

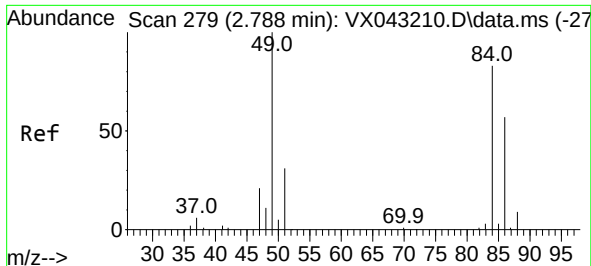
Tgt Ion: 43 Resp: 1817

Ion Ratio Lower Upper

43 100

58 34.6 22.6 33.8#





#20

Methylene Chloride

Concen: 0.482 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043279.D

Acq: 04 Oct 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

EB04-20241001

Tgt Ion: 84 Resp: 510

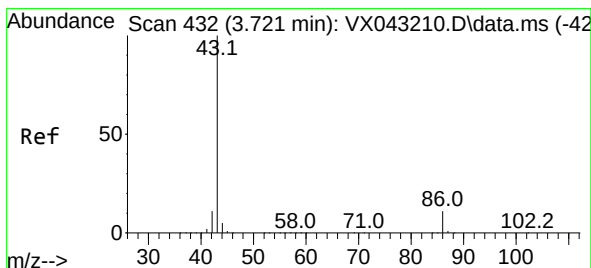
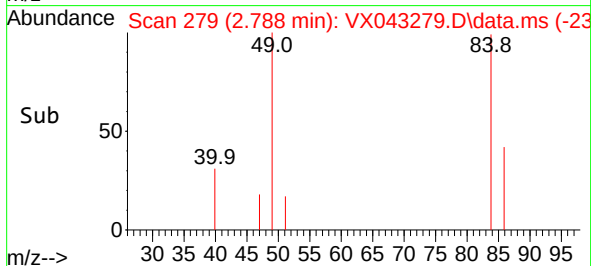
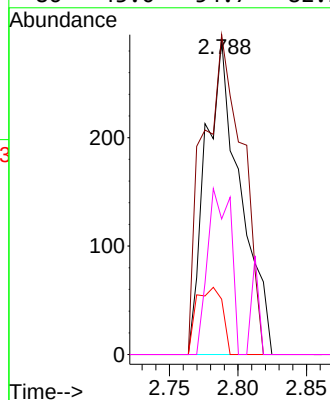
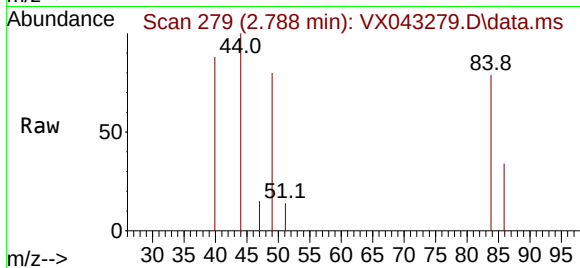
Ion Ratio Lower Upper

84 100

49 101.4 96.7 145.1

51 17.5 30.4 45.6#

86 43.0 54.7 82.1#



#23

Vinyl Acetate

Concen: 6.345 ug/l

RT: 3.800 min Scan# 445

Delta R.T. 0.079 min

Lab File: VX043279.D

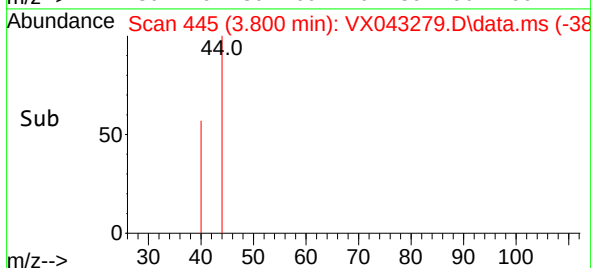
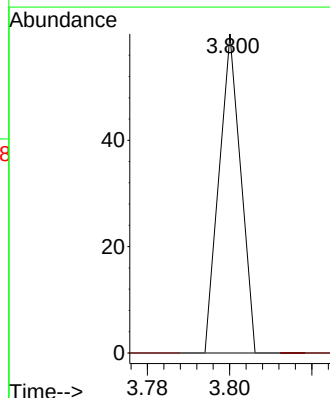
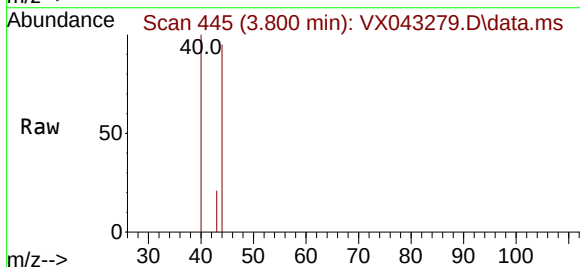
Acq: 04 Oct 2024 11:23

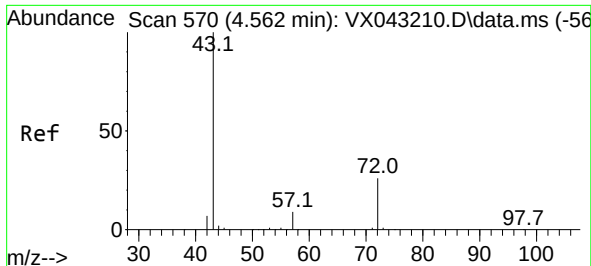
Tgt Ion: 43 Resp: 22

Ion Ratio Lower Upper

43 100

86 0.0 8.8 13.2#

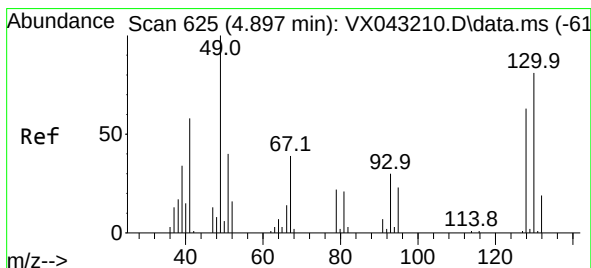
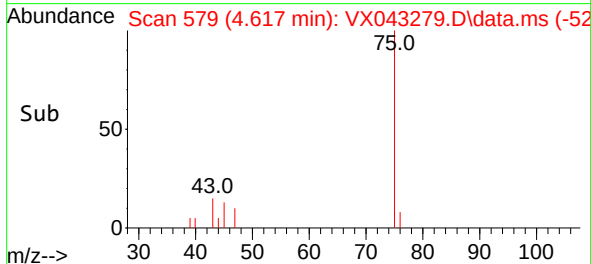
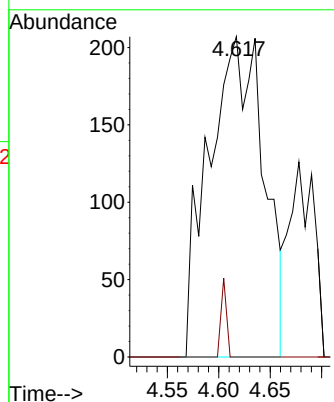
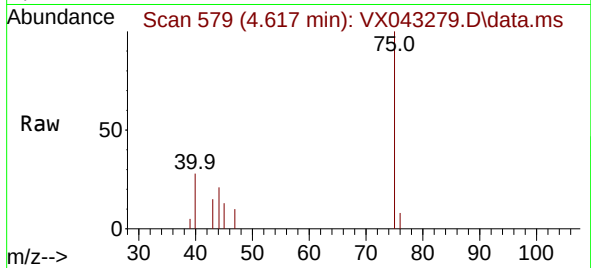




#25
2-Butanone
Concen: 0.981 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

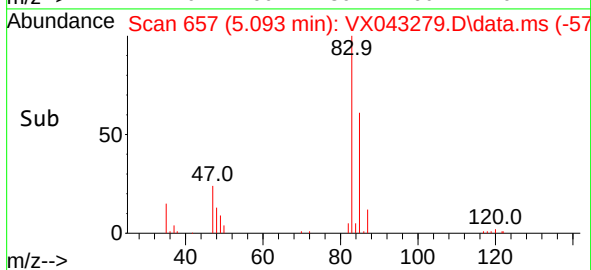
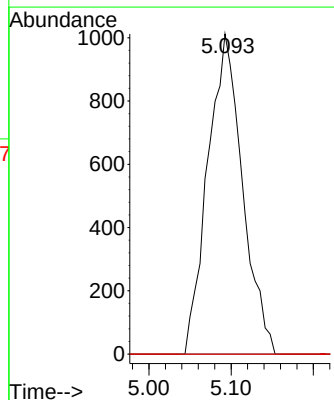
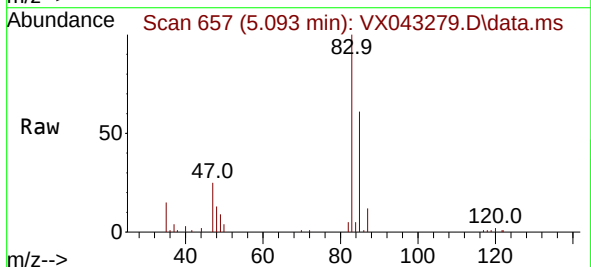
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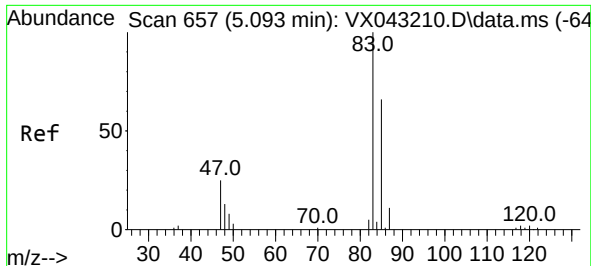
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#28
Bromochloromethane
Concen: 4.188 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.195 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion: 49 Resp: 2971
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 65.5 98.3#





#30

Chloroform

Concen: 17.576 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX043279.D

Acq: 04 Oct 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

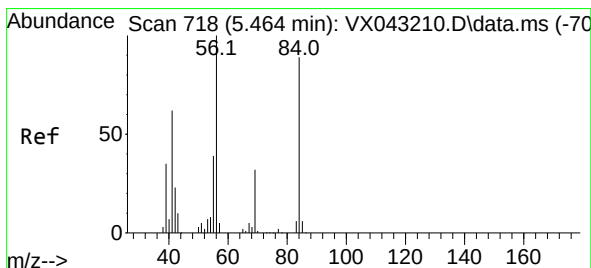
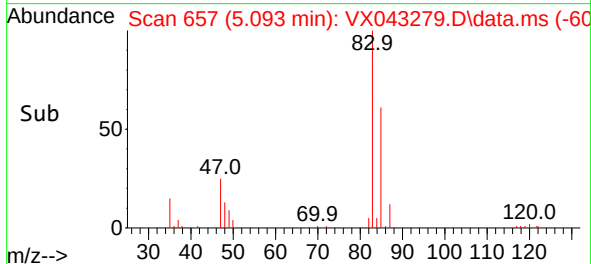
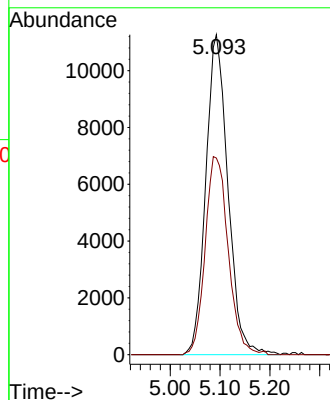
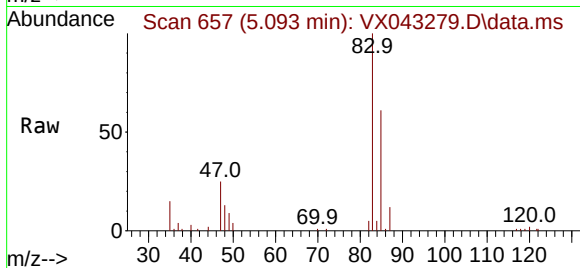
EB04-20241001

Tgt Ion: 83 Resp: 34709

Ion Ratio Lower Upper

83 100

85 61.5 52.5 78.7



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX043279.D

Acq: 04 Oct 2024 11:23

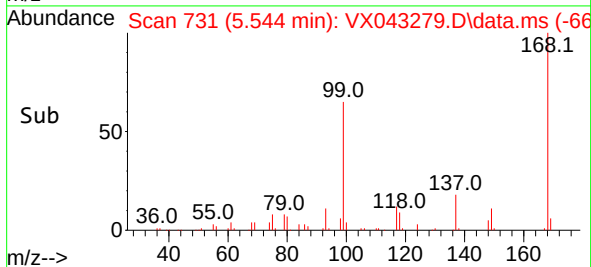
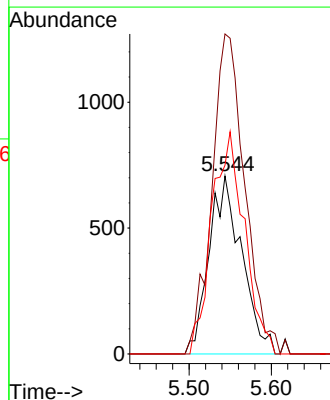
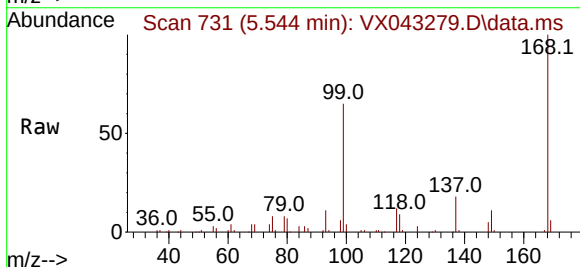
Tgt Ion: 56 Resp: 1955

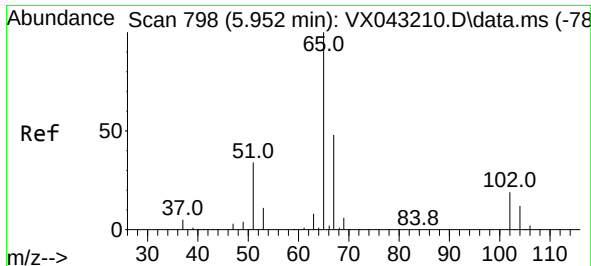
Ion Ratio Lower Upper

56 100

69 179.8 25.8 38.6#

84 106.1 71.1 106.7

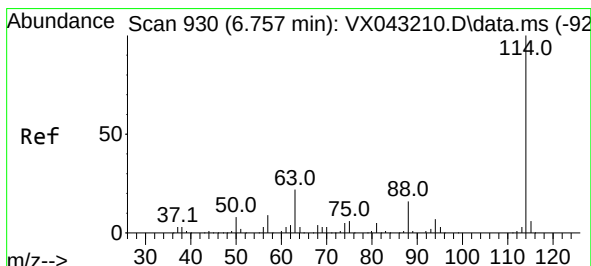
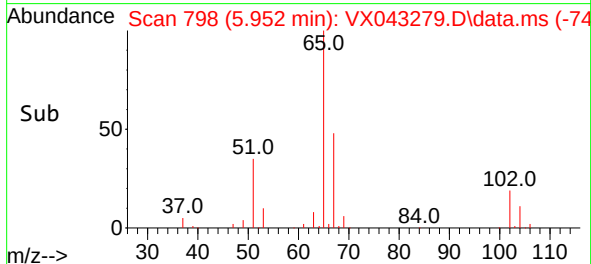
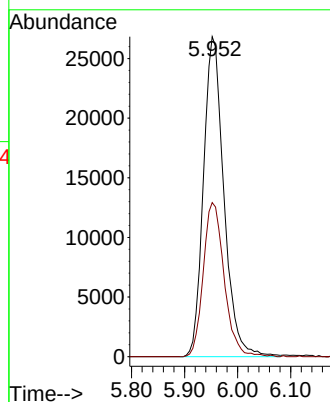
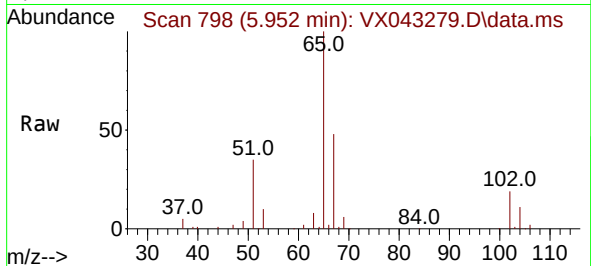




#33
 1,2-Dichloroethane-d4
 Concen: 52.423 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043279.D
 Acq: 04 Oct 2024 11:23

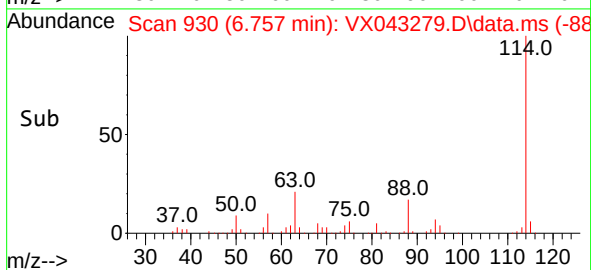
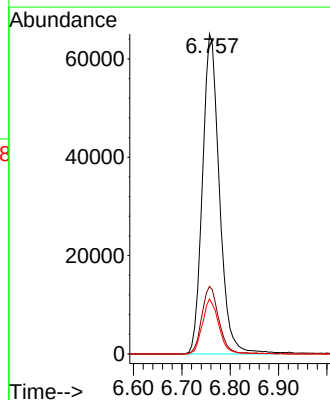
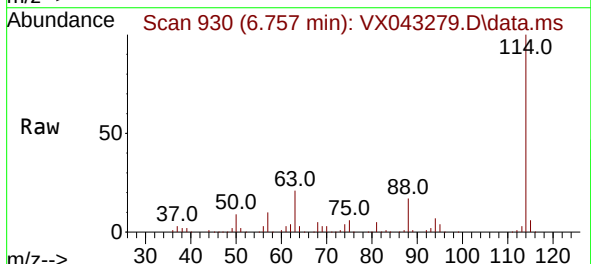
Instrument :
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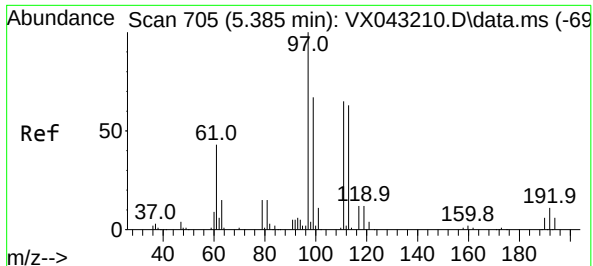
Tgt Ion: 65 Resp: 71980
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043279.D
 Acq: 04 Oct 2024 11:23

Tgt Ion: 114 Resp: 158425
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 17.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.674 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043279.D

Acq: 04 Oct 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

EB04-20241001

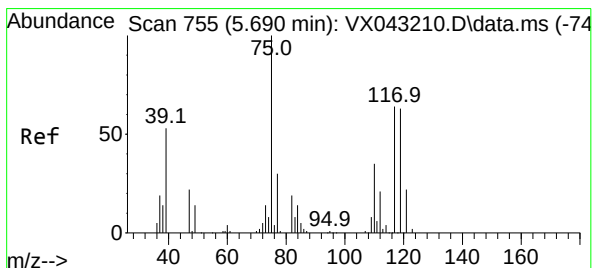
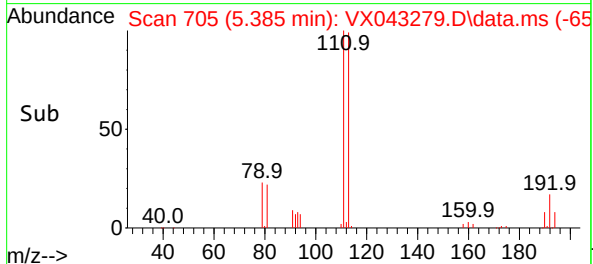
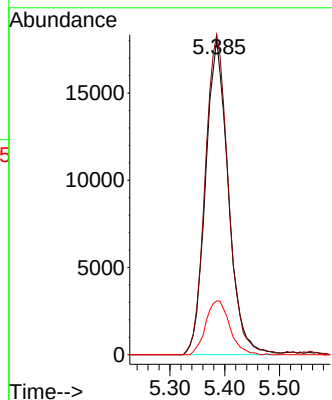
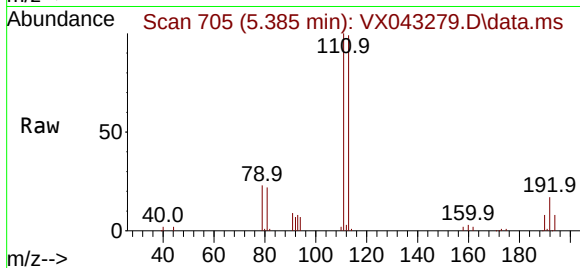
Tgt Ion:113 Resp: 52087

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

192 18.0 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.247 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX043279.D

Acq: 04 Oct 2024 11:23

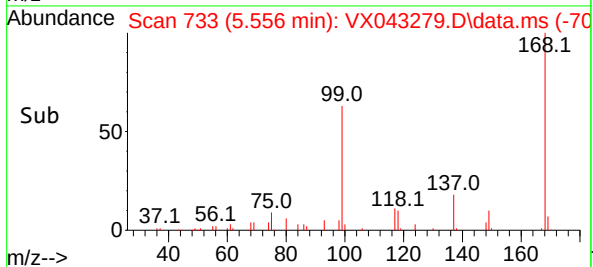
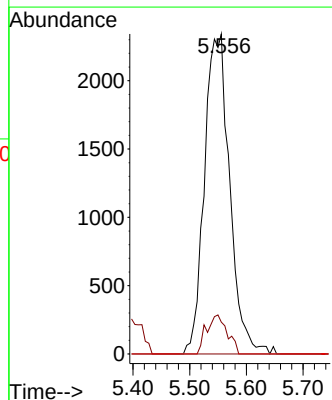
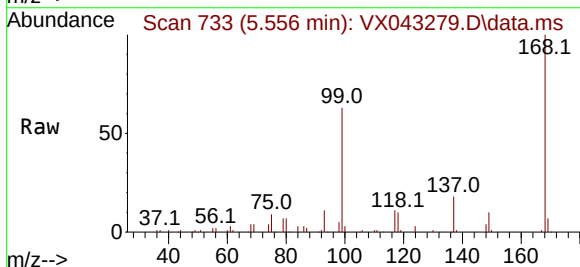
Tgt Ion: 75 Resp: 7242

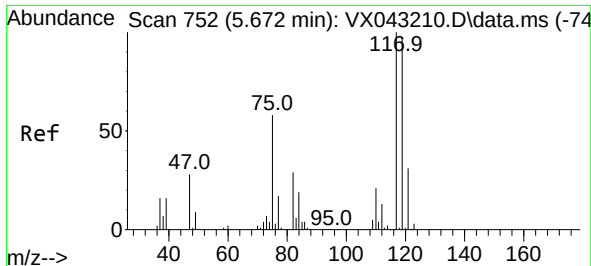
Ion Ratio Lower Upper

75 100

110 10.0 17.8 53.3#

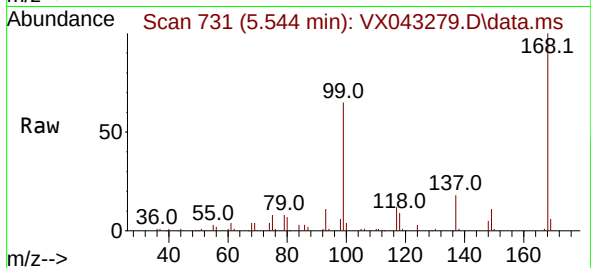
77 0.0 24.9 37.3#



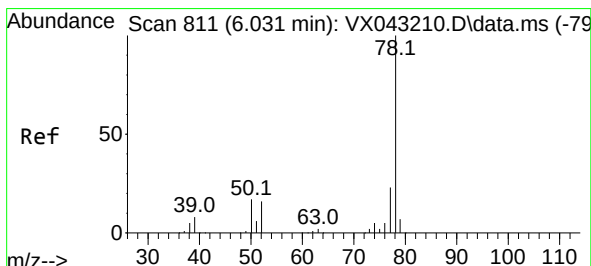
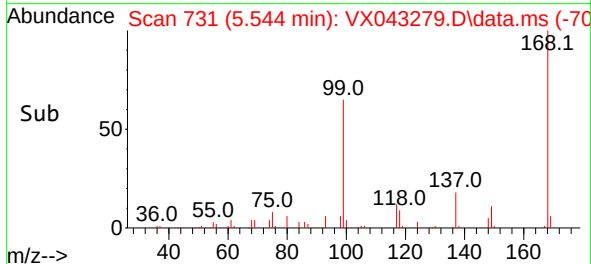
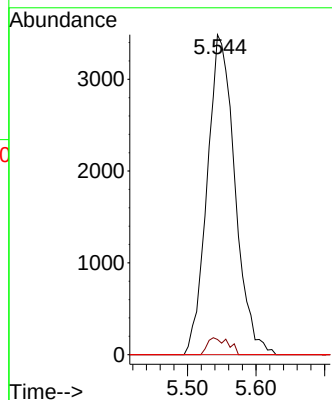


#38
Carbon Tetrachloride
Concen: 6.003 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Instrument :
MSVOA_X
ClientSampleId :
EB04-20241001

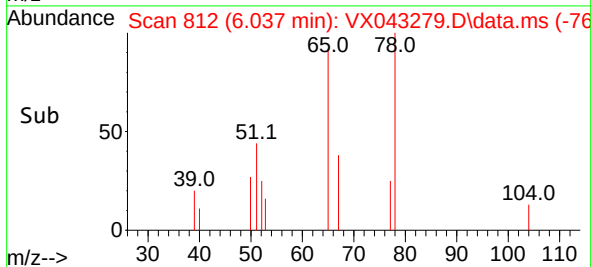
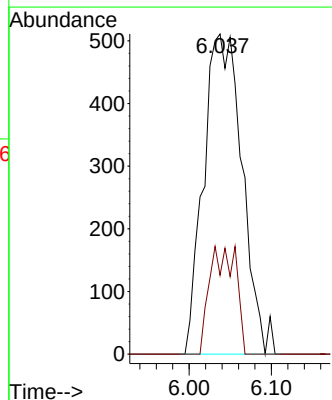
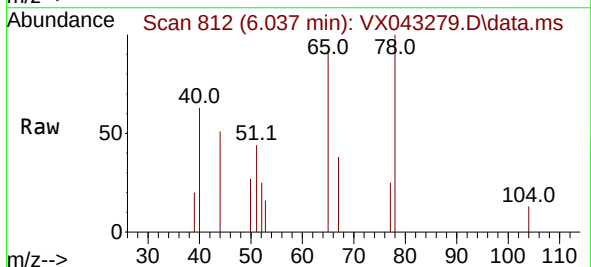


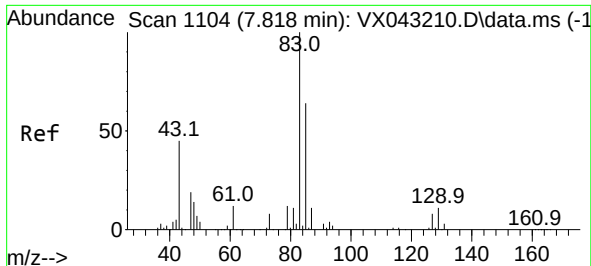
Tgt Ion:117 Resp: 9808
Ion Ratio Lower Upper
117 100
119 4.8 77.7 116.5#
121 0.0 24.3 36.5#



#40
Benzene
Concen: 0.398 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion: 78 Resp: 1667
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2

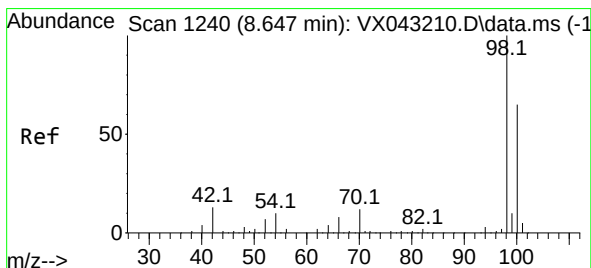
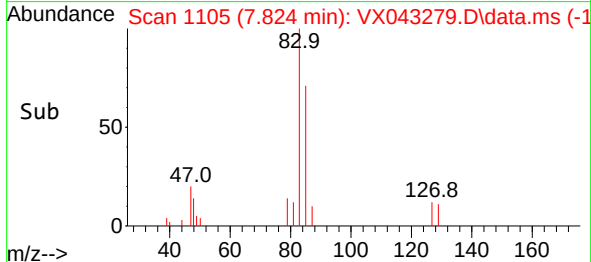
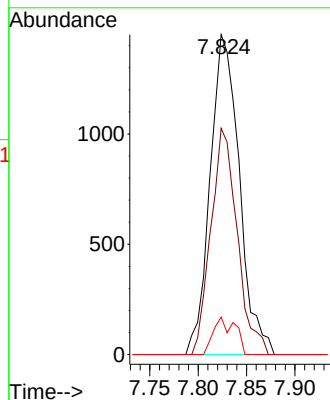
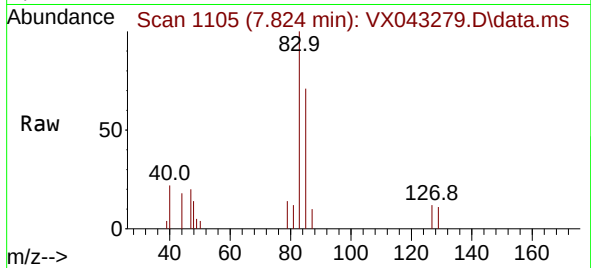




#47
Bromodichloromethane
Concen: 1.880 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

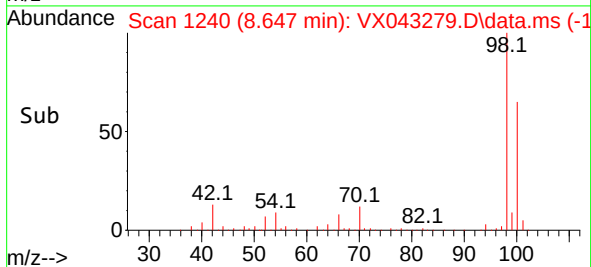
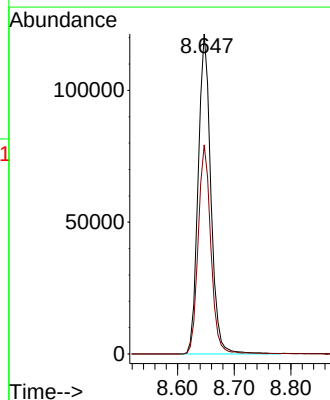
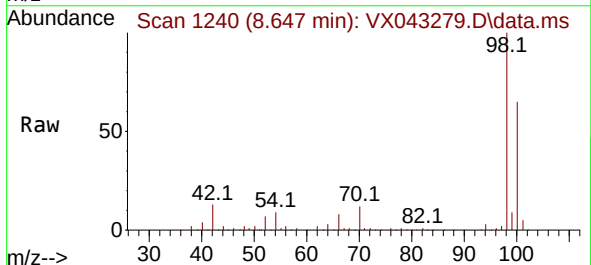
Instrument :
MSVOA_X
ClientSampleId :
EB04-20241001

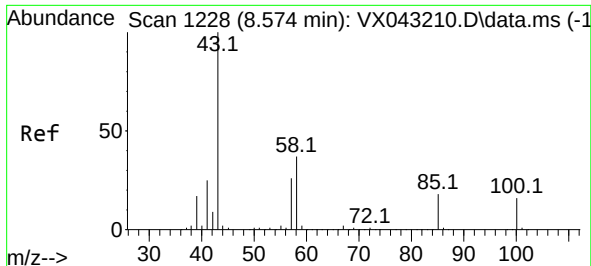
Tgt Ion: 83 Resp: 3042
Ion Ratio Lower Upper
83 100
85 70.8 51.4 77.2
127 11.7 6.2 9.4#



#50
Toluene-d8
Concen: 49.825 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion: 98 Resp: 188648
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

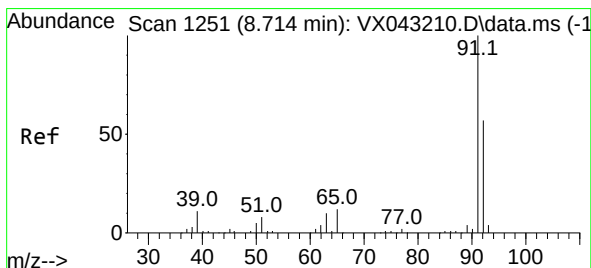
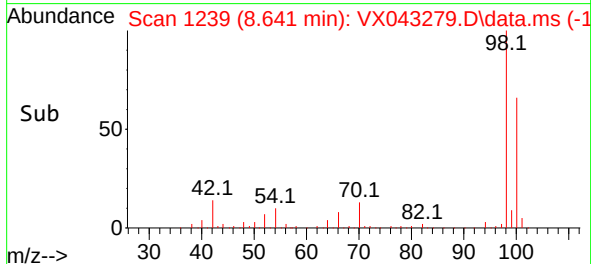
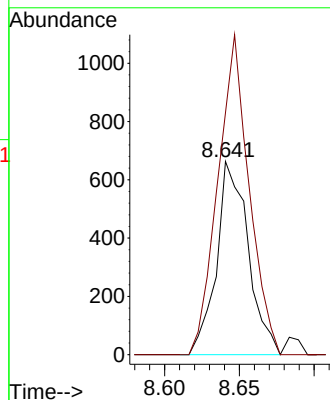
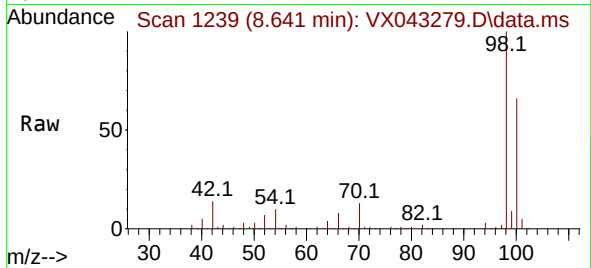




#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

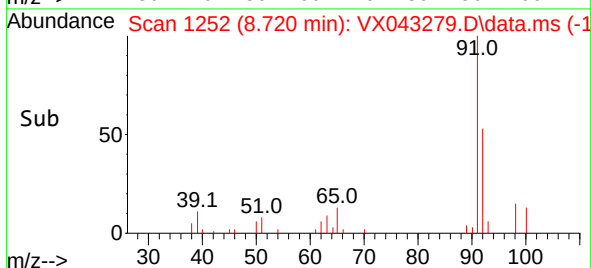
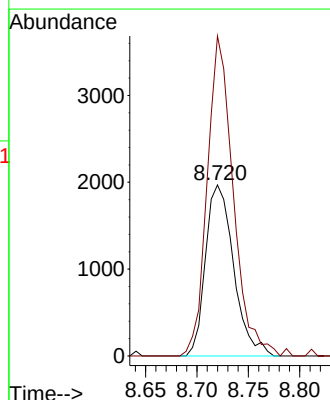
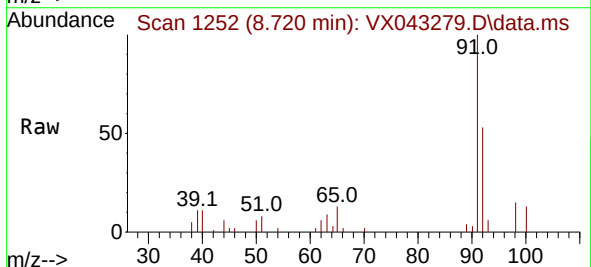
Instrument :
MSVOA_X
ClientSampleId :
EB04-20241001

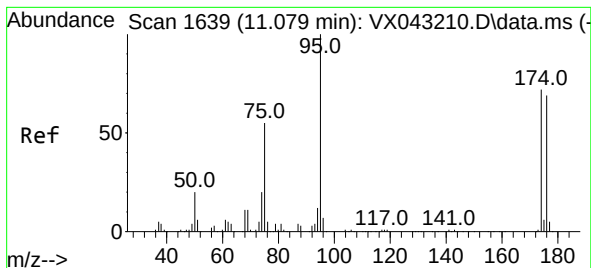
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 164.0 30.0 45.0#



#52
Toluene
Concen: 1.429 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion: 92 Resp: 3748
Ion Ratio Lower Upper
92 100
91 173.9 137.0 205.4

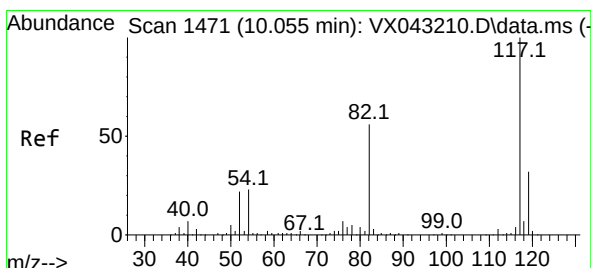
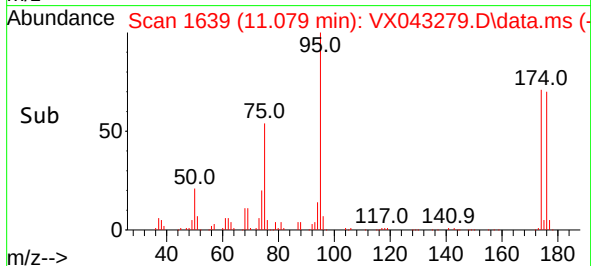
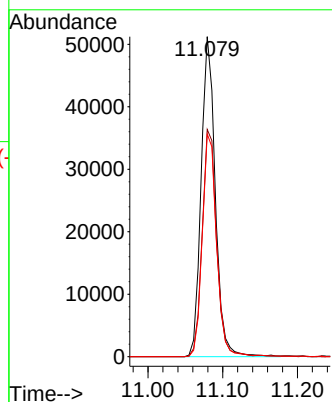
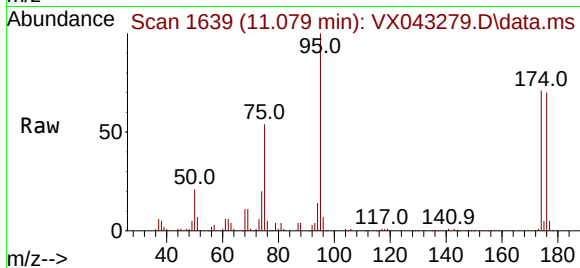




#62
4-Bromofluorobenzene
Concen: 49.030 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

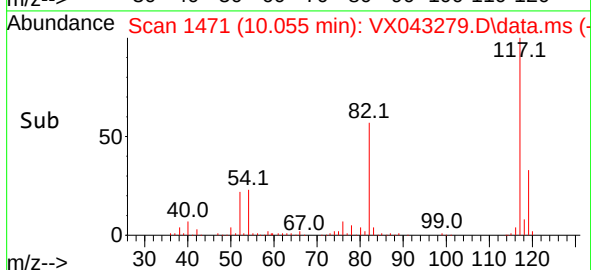
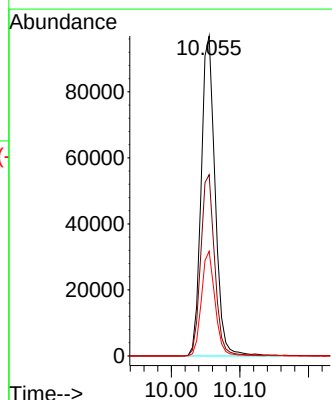
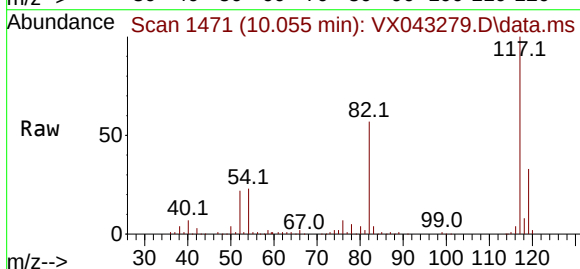
Instrument :
MSVOA_X
ClientSampleId :
EB04-20241001

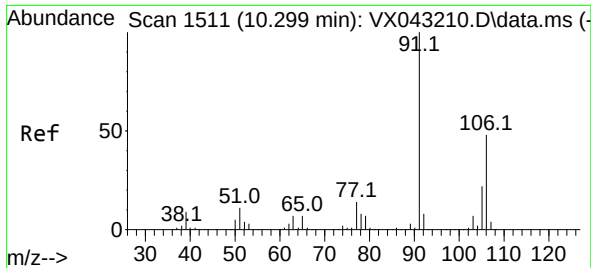
Tgt Ion: 95 Resp: 67442
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.0
176 70.7 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion: 117 Resp: 137574
Ion Ratio Lower Upper
117 100
82 56.6 45.0 67.6
119 32.7 25.3 37.9

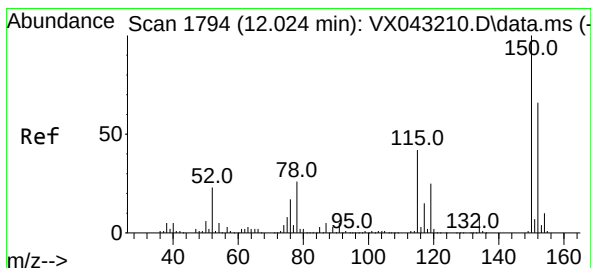
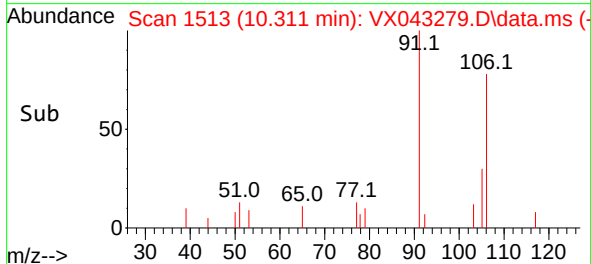
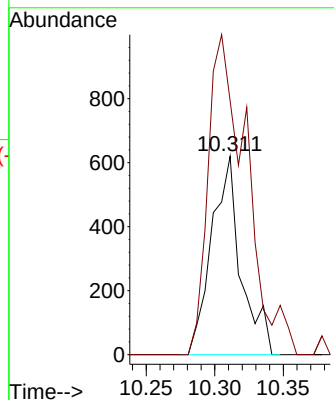
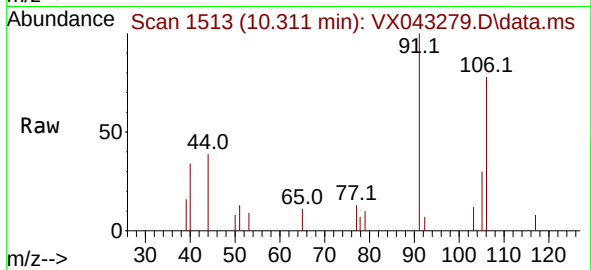




#68
m/p-Xylenes
Concen: 0.476 ug/l
RT: 10.311 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

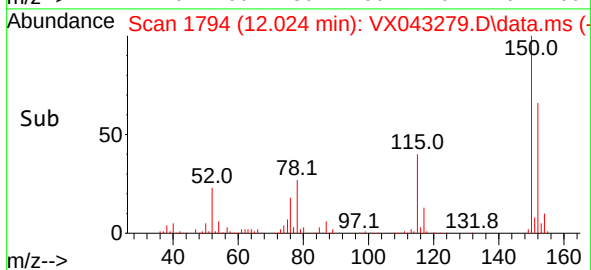
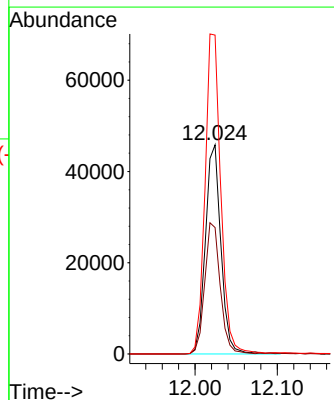
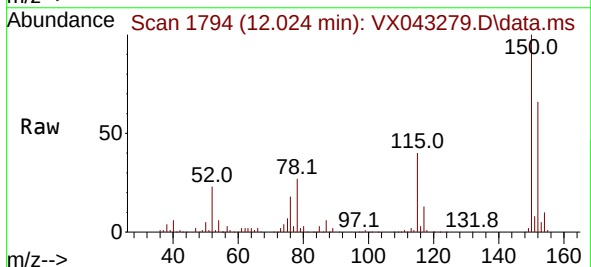
Instrument :
MSVOA_X
ClientSampleId :
EB04-20241001

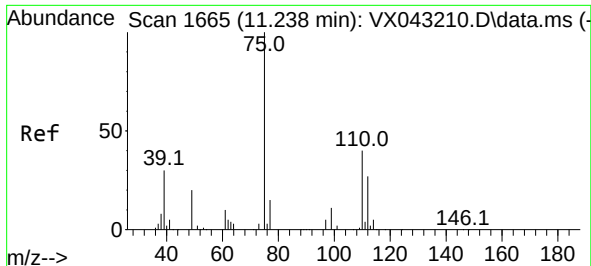
Tgt Ion:106 Resp: 919
Ion Ratio Lower Upper
106 100
91 213.2 167.0 250.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion:152 Resp: 60055
Ion Ratio Lower Upper
152 100
115 62.7 44.1 132.3
150 155.3 0.0 347.4

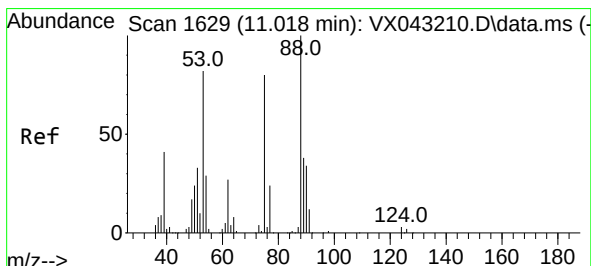
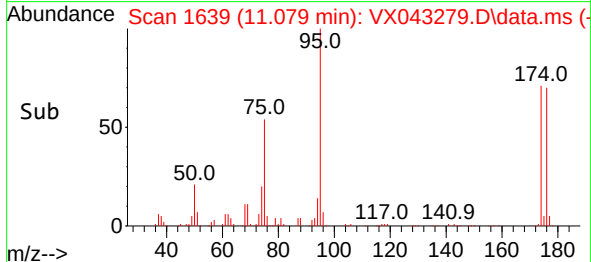
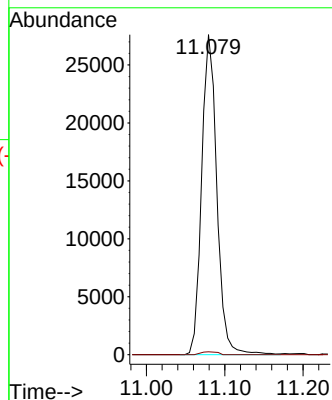
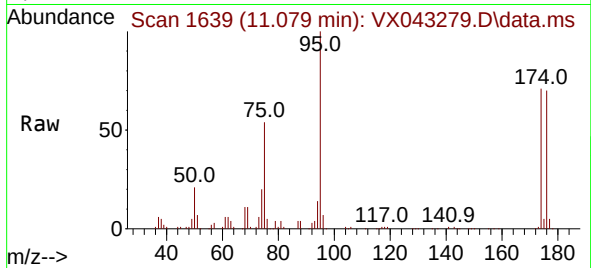




#76
1,2,3-Trichloropropane
Concen: 27.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Instrument :
MSVOA_X
ClientSampleId :
EB04-20241001

Tgt Ion: 75 Resp: 37237
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043279.D
Acq: 04 Oct 2024 11:23

Tgt Ion: 75 Resp: 37237
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

