

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043283.D
 Acq On : 04 Oct 2024 12:56
 Operator : JC/MD
 Sample : P4263-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20241001

Quant Time: Oct 04 23:29:09 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)

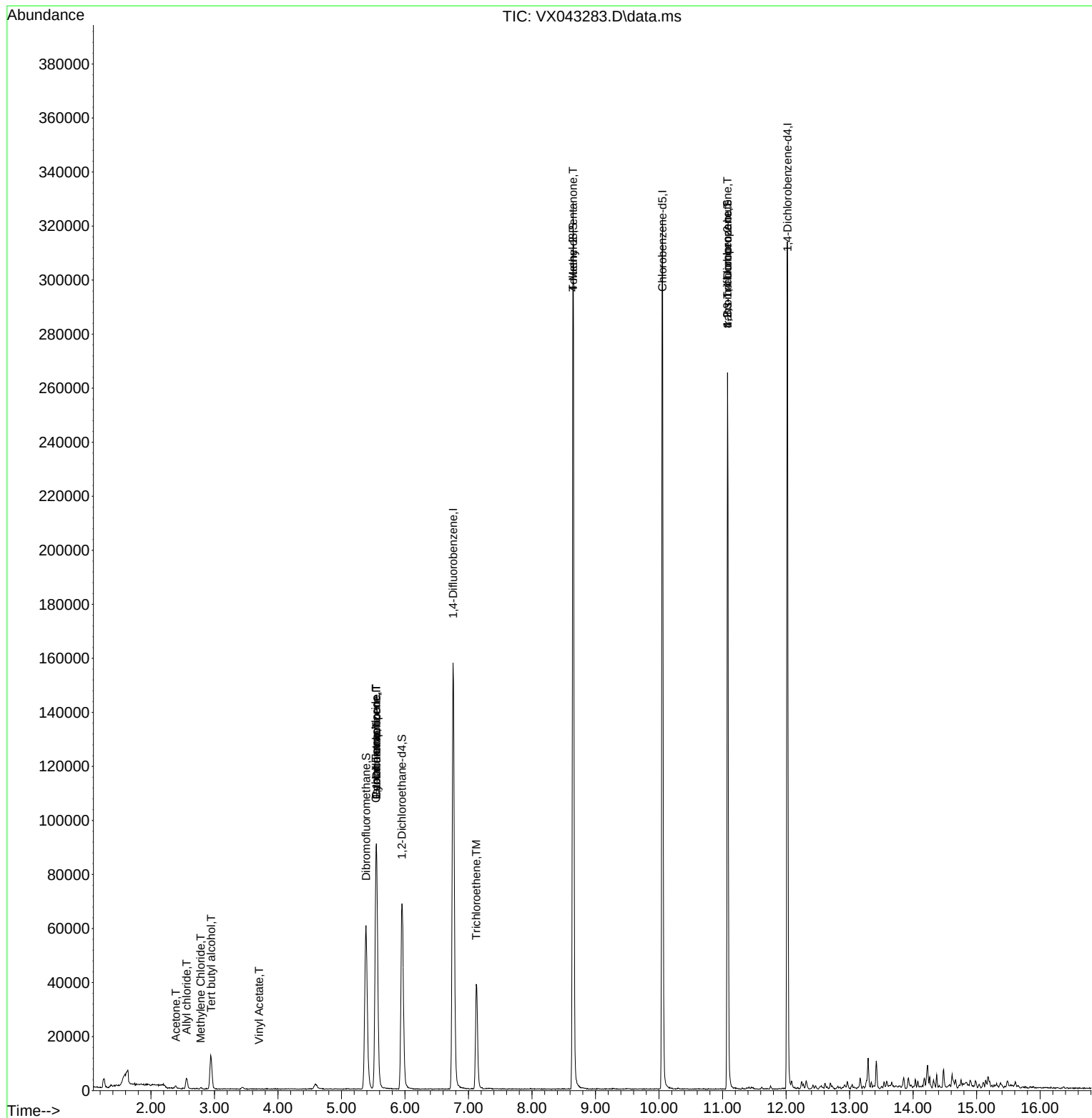
Internal Standards						
1) Pentafluorobenzene	5.550	168	82827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73124	54.058	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.120%	
35) Dibromofluoromethane	5.385	113	51471	47.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.480%	
50) Toluene-d8	8.647	98	192917	51.098	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	11.079	95	70591	51.466	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	7664	29.774	ug/l #	71
14) Allyl chloride	2.563	41	501	0.331	ug/l #	33
16) Acetone	2.392	43	1092	1.933	ug/l	98
20) Methylene Chloride	2.782	84	264	0.253	ug/l #	79
23) Vinyl Acetate	3.703	43	40	6.351	ug/l #	71
31) Cyclohexane	5.550	56	1996	1.367	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	7183	5.219	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9467	5.810	ug/l #	16
44) Trichloroethene	7.123	130	15773	14.251	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	1038	0.626	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39552	27.798	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	39552	72.042	ug/l #	8

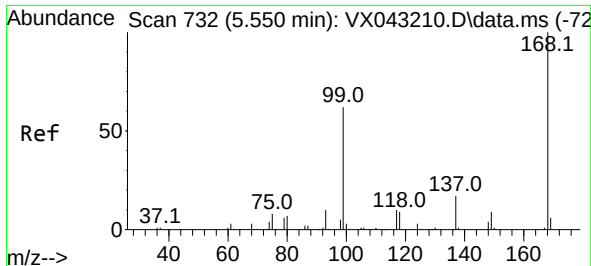
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 23:29:09 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

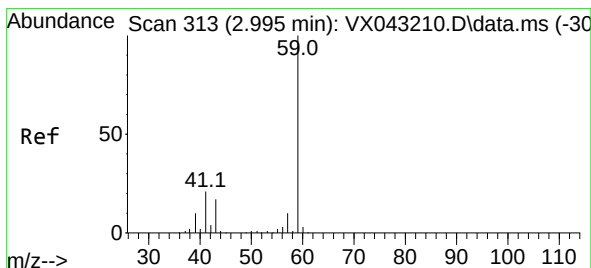
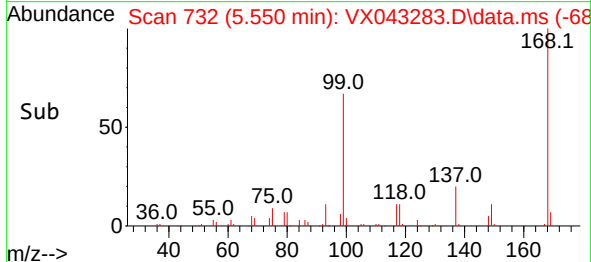
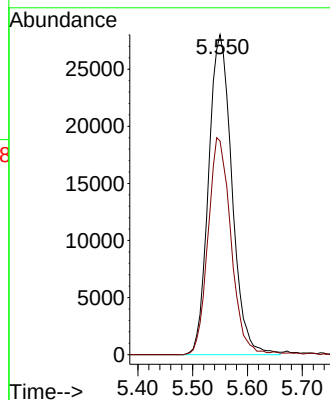
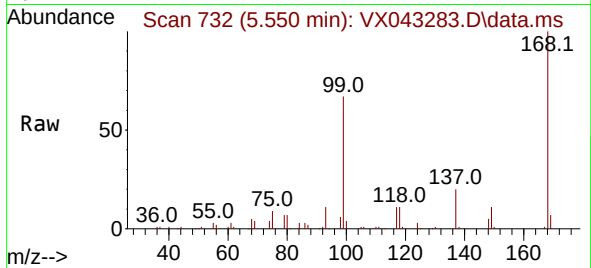




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

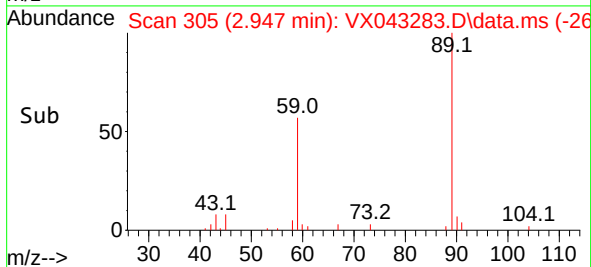
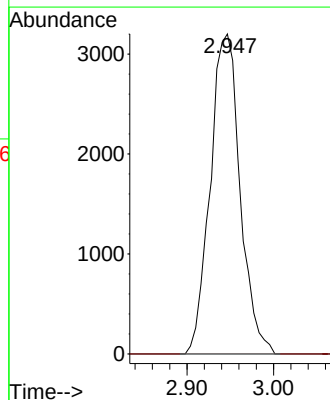
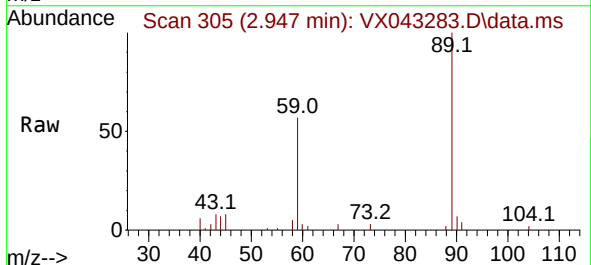
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20241001

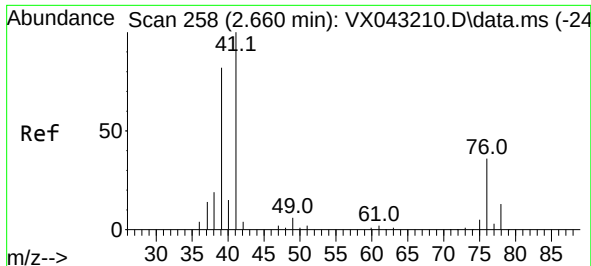
Tgt Ion:168 Resp: 82827
Ion Ratio Lower Upper
168 100
99 66.8 49.7 74.5



#11
Tert butyl alcohol
Concen: 29.774 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

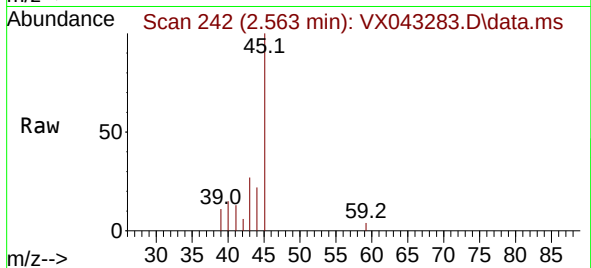
Tgt Ion: 59 Resp: 7664
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



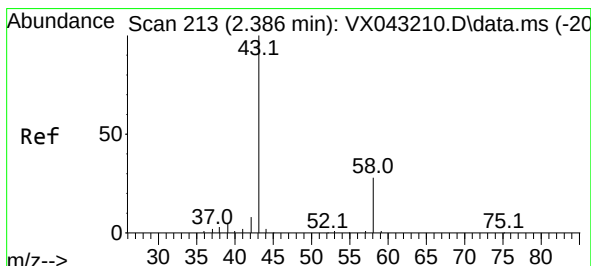
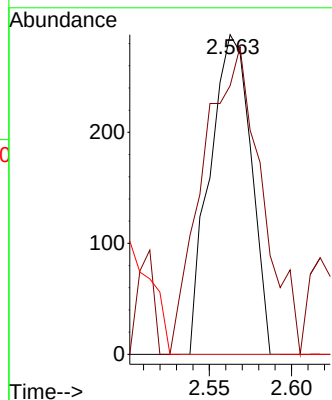
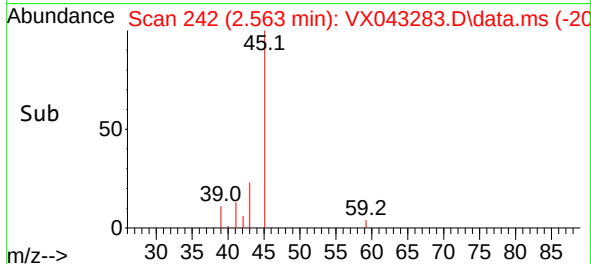


#14
 Allyl chloride
 Concen: 0.331 ug/l
 RT: 2.563 min Scan# 24
 Delta R.T. -0.098 min
 Lab File: VX043283.D
 Acq: 04 Oct 2024 12:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20241001

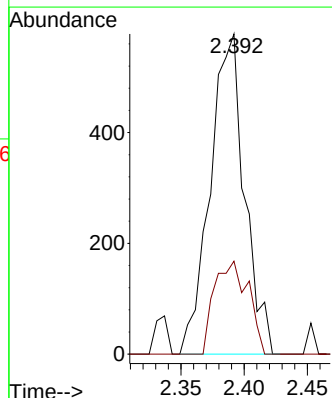
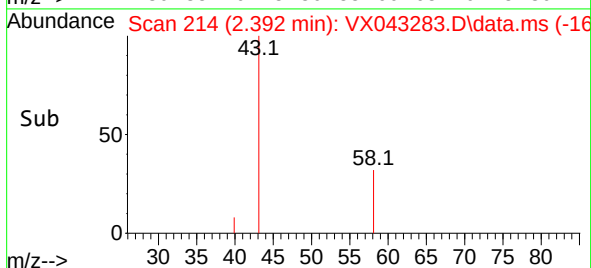
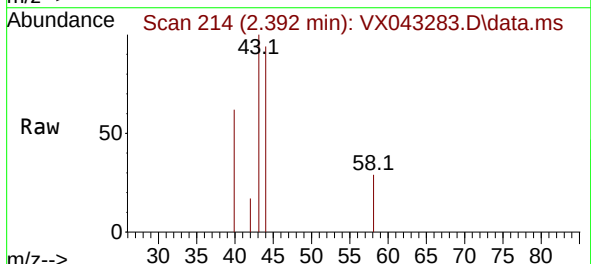


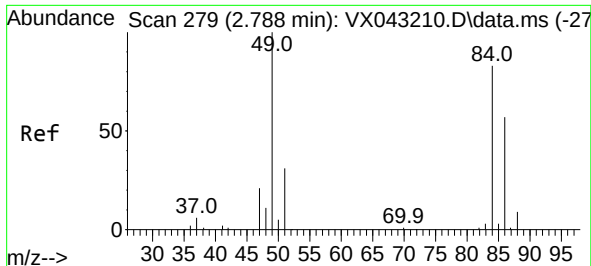
Tgt Ion: 41 Resp: 501
 Ion Ratio Lower Upper
 41 100
 39 136.9 61.7 92.5#
 76 0.0 28.6 43.0#



#16
 Acetone
 Concen: 1.933 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX043283.D
 Acq: 04 Oct 2024 12:56

Tgt Ion: 43 Resp: 1092
 Ion Ratio Lower Upper
 43 100
 58 29.1 22.6 33.8





#20

Methylene Chloride

Concen: 0.253 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX043283.D

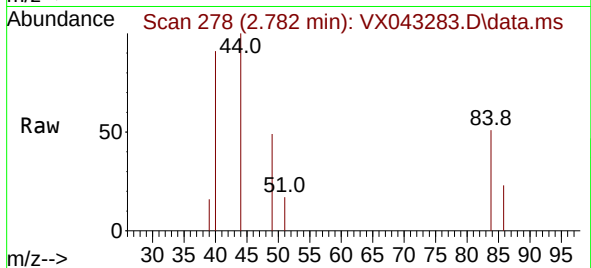
Acq: 04 Oct 2024 12:56

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20241001



Tgt Ion: 84 Resp: 264

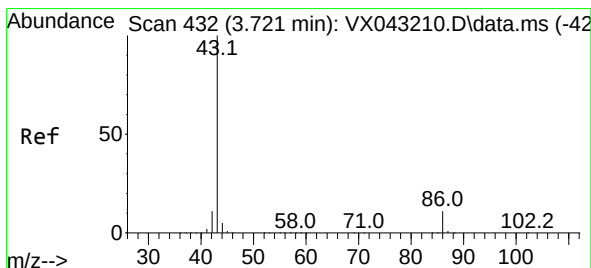
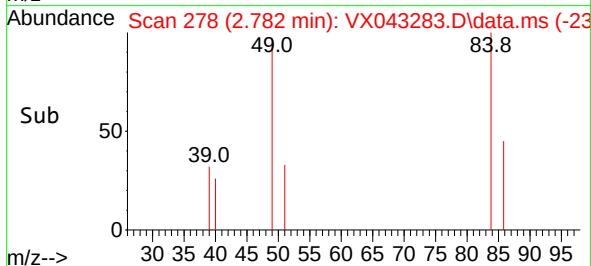
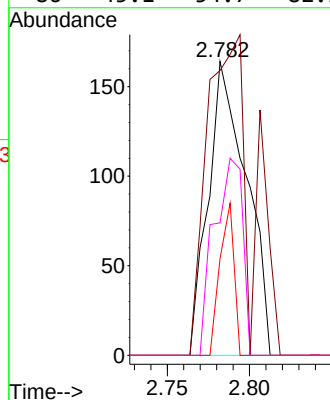
Ion Ratio Lower Upper

84 100

49 97.0 96.7 145.1

51 32.9 30.4 45.6

86 45.1 54.7 82.1#



#23

Vinyl Acetate

Concen: 6.351 ug/l

RT: 3.703 min Scan# 429

Delta R.T. -0.018 min

Lab File: VX043283.D

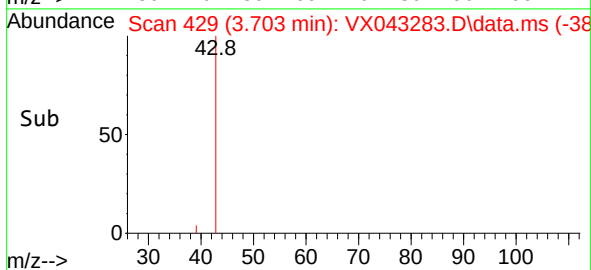
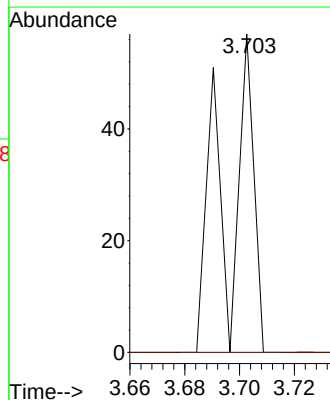
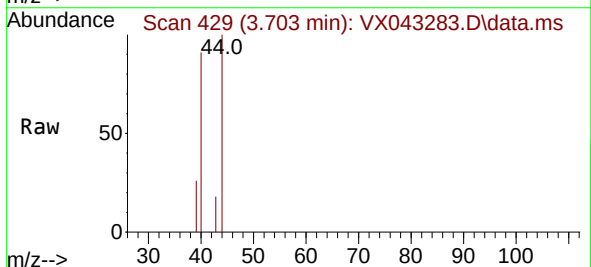
Acq: 04 Oct 2024 12:56

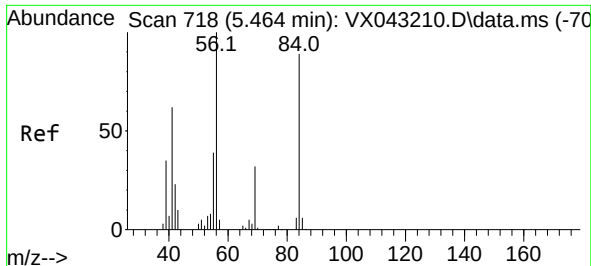
Tgt Ion: 43 Resp: 40

Ion Ratio Lower Upper

43 100

86 0.0 8.8 13.2#

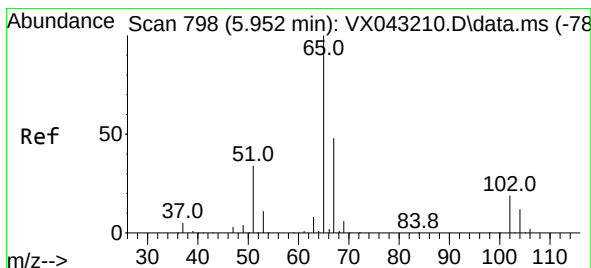
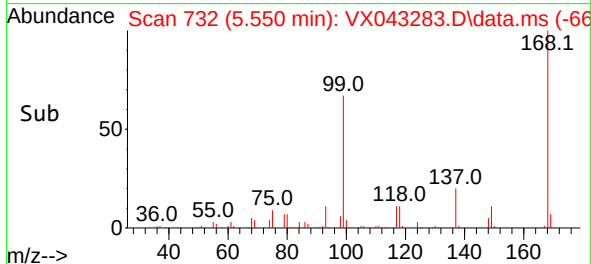
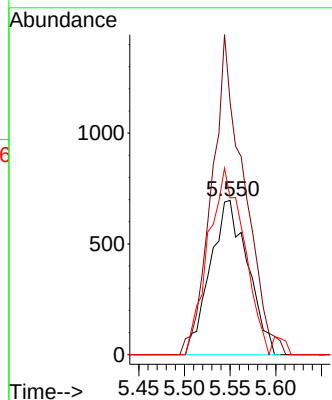
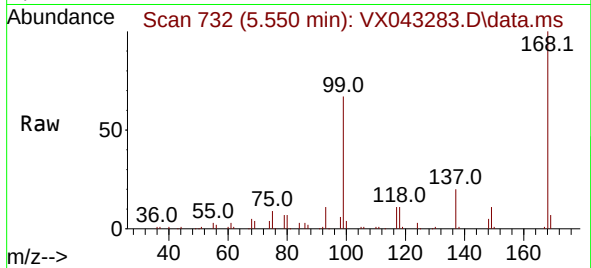




#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

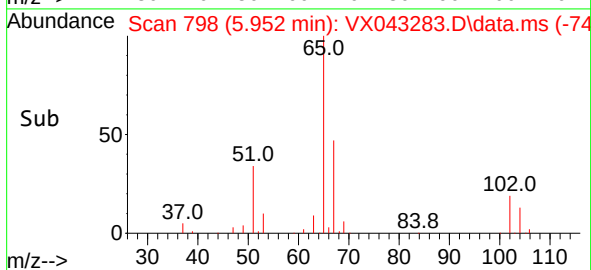
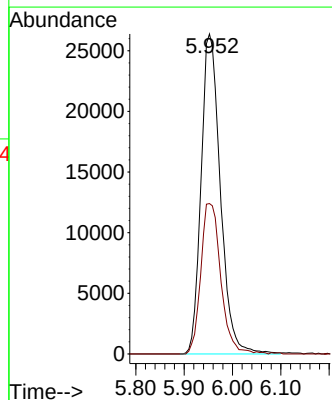
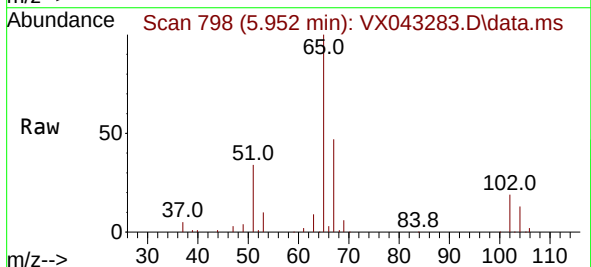
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20241001

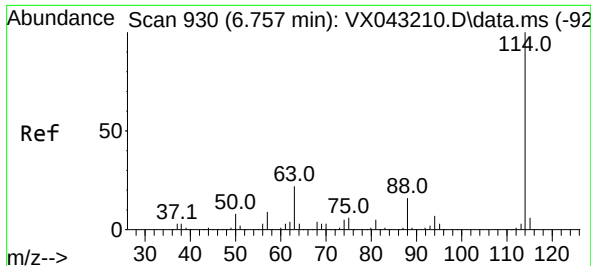
Tgt Ion: 56 Resp: 1996
Ion Ratio Lower Upper
56 100
69 163.6 25.8 38.6#
84 101.7 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 54.058 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

Tgt Ion: 65 Resp: 73124
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

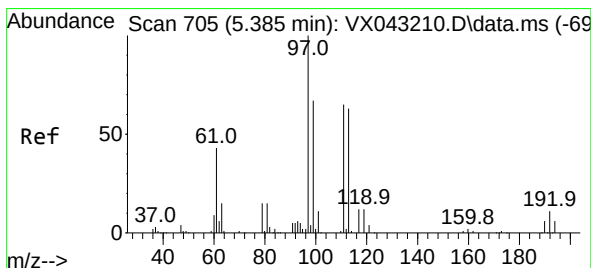
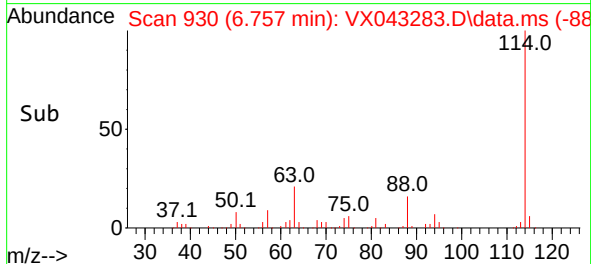
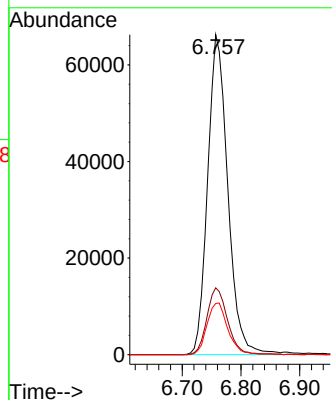
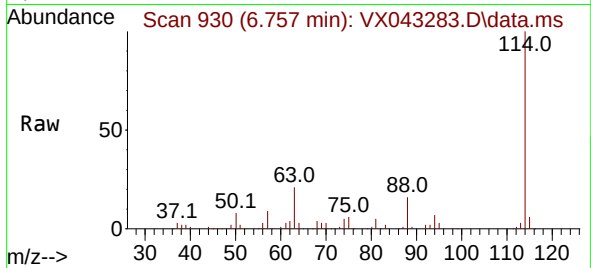




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

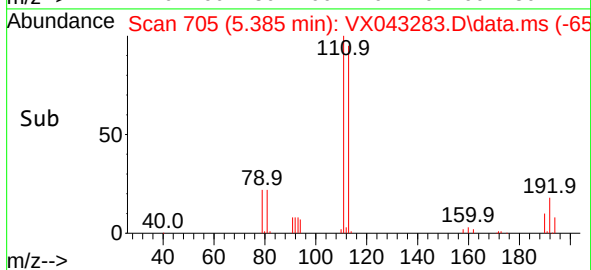
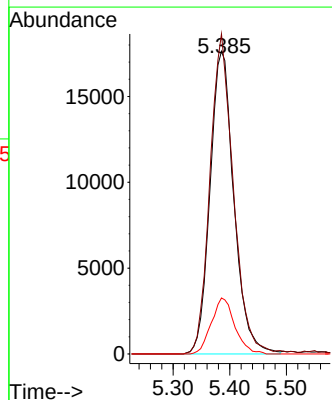
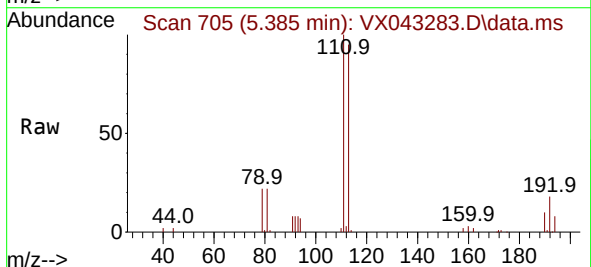
Instrument :
MSVOA_X
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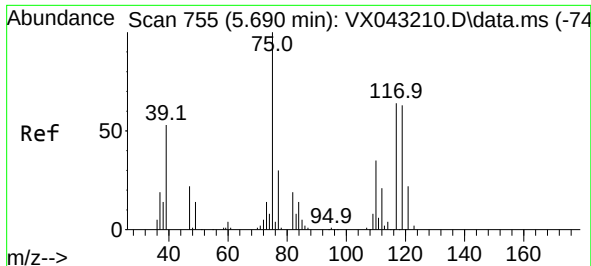
Tgt Ion:114 Resp: 157974
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.0
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.245 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

Tgt Ion:113 Resp: 51471
Ion Ratio Lower Upper
113 100
111 103.9 83.4 125.0
192 18.2 14.1 21.1

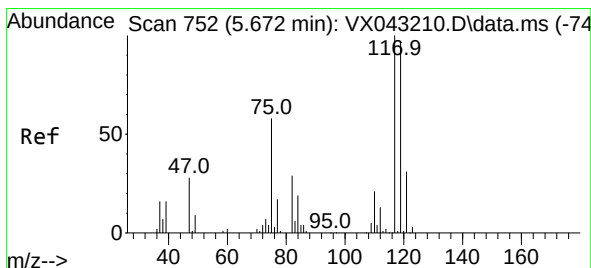
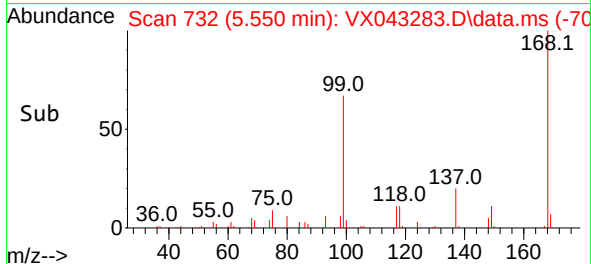
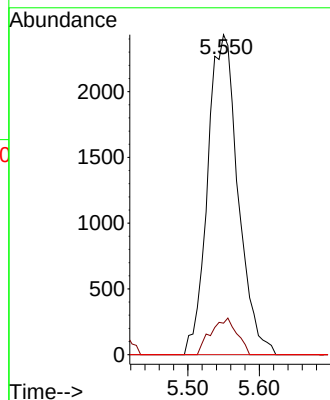
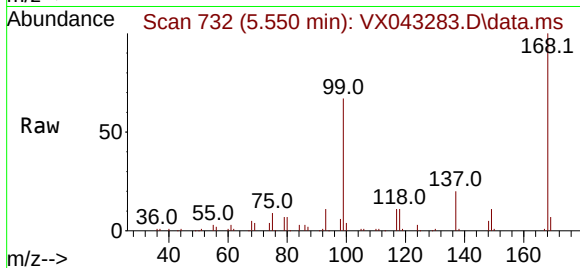




#36
1,1-Dichloropropene
Concen: 5.219 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

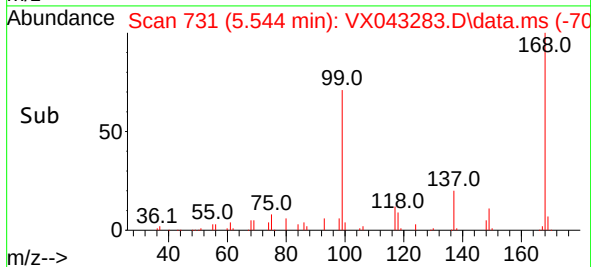
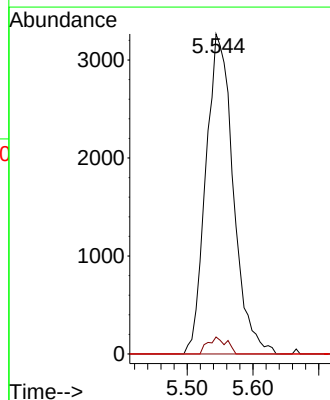
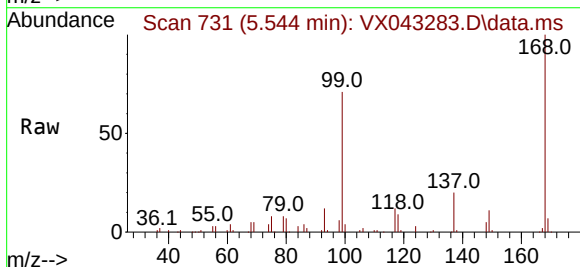
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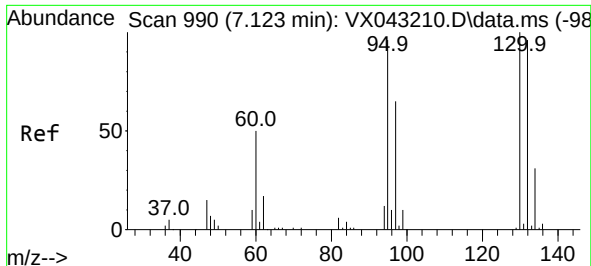
Tgt Ion: 75 Resp: 7183
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.810 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

Tgt Ion: 117 Resp: 9467
Ion Ratio Lower Upper
117 100
119 5.3 77.7 116.5#
121 0.0 24.3 36.5#

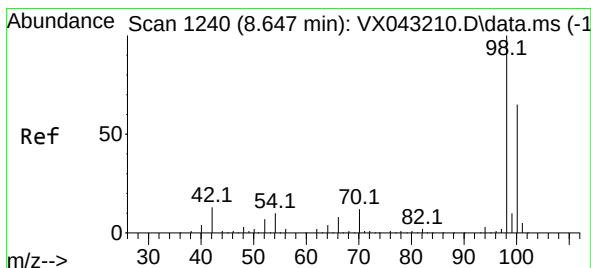
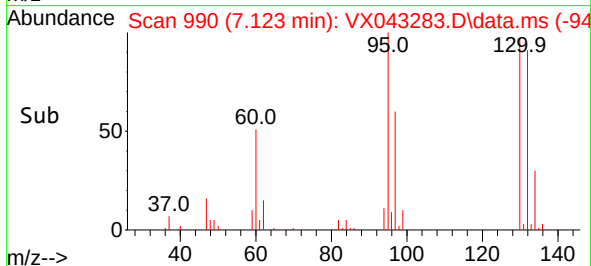
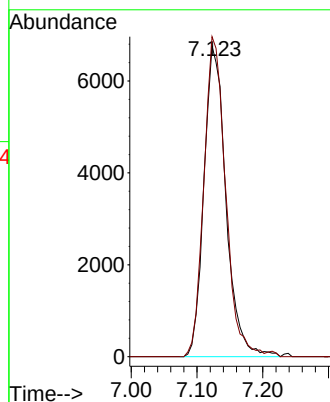
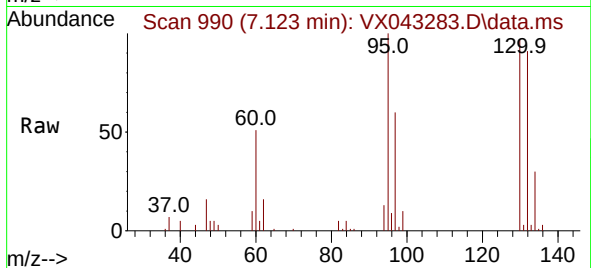




#44
Trichloroethene
Concen: 14.251 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

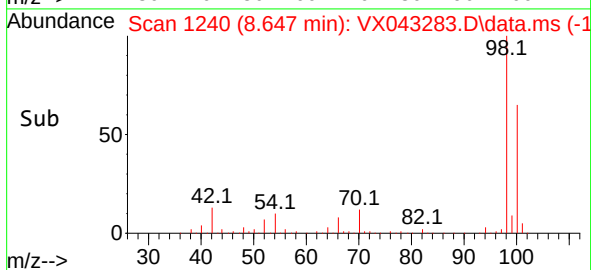
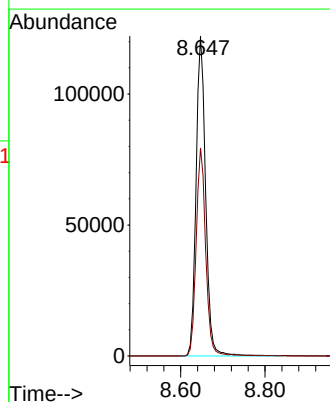
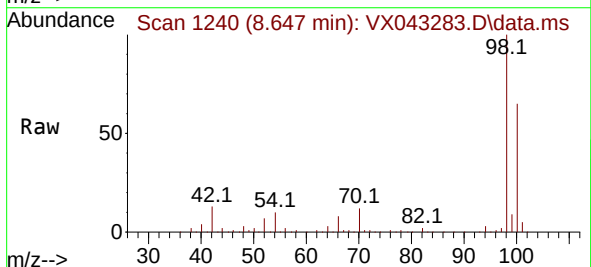
Instrument :
MSVOA_X
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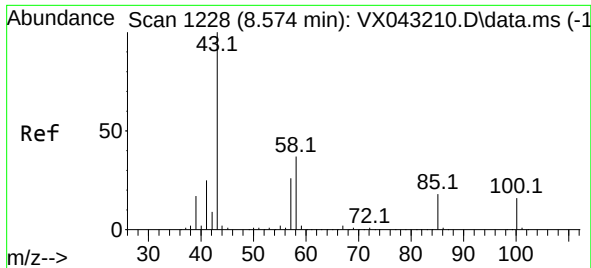
Tgt Ion:130 Resp: 15773
Ion Ratio Lower Upper
130 100
95 103.0 0.0 192.2



#50
Toluene-d8
Concen: 51.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

Tgt Ion: 98 Resp: 192917
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

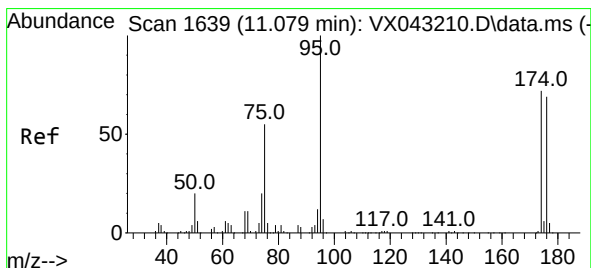
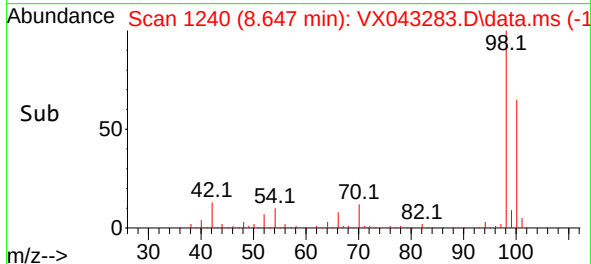
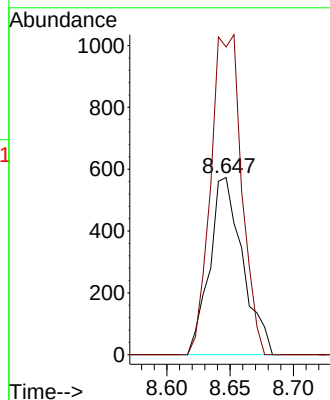
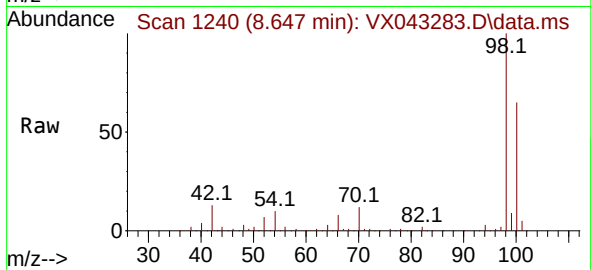




#51
4-Methyl-2-Pentanone
Concen: 0.626 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

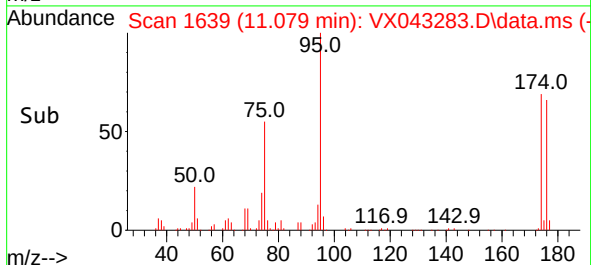
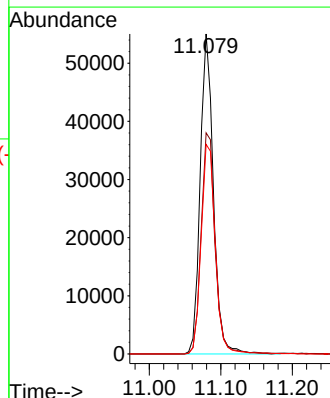
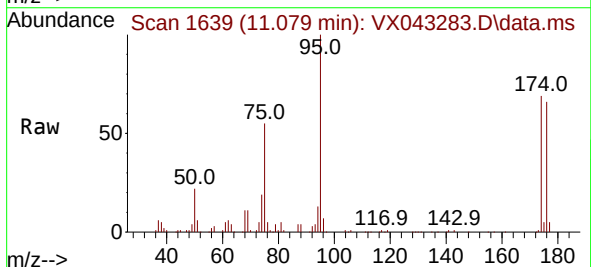
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20241001

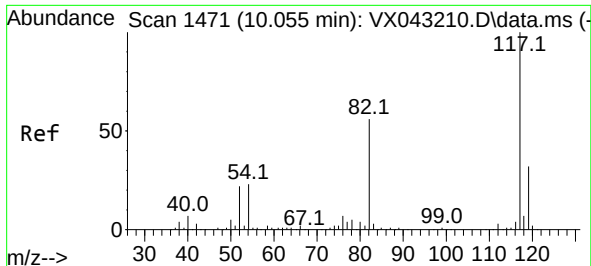
Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 170.1 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 51.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

Tgt Ion: 95 Resp: 70591
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.0
176 70.4 0.0 143.0

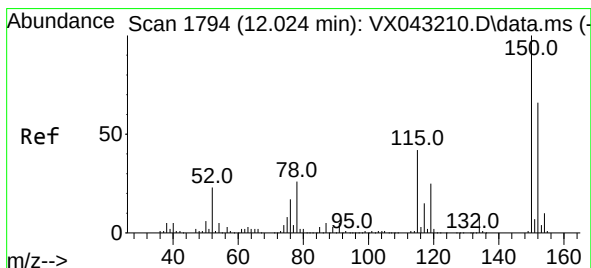
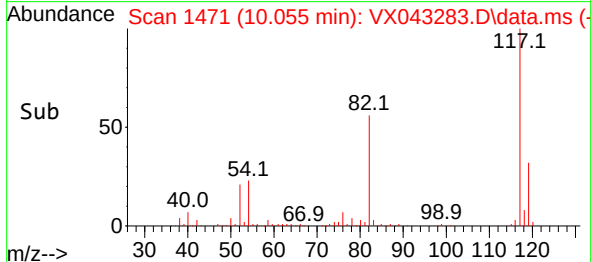
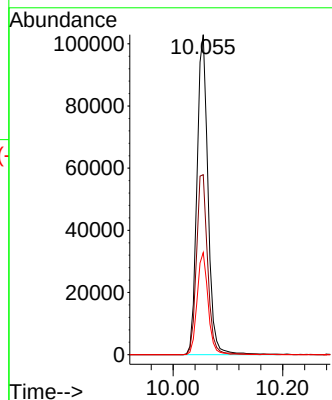
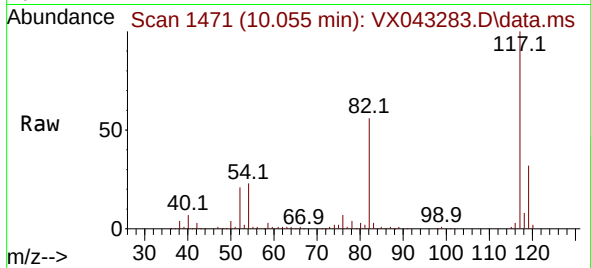




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

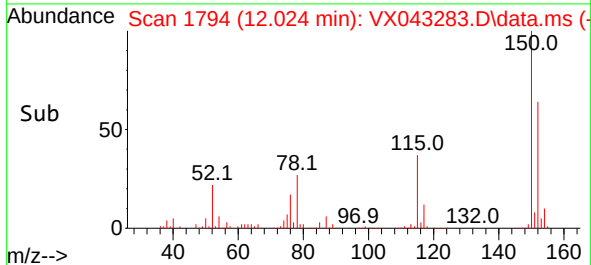
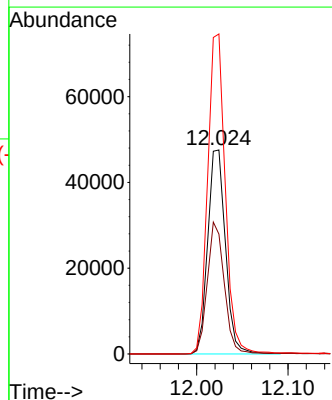
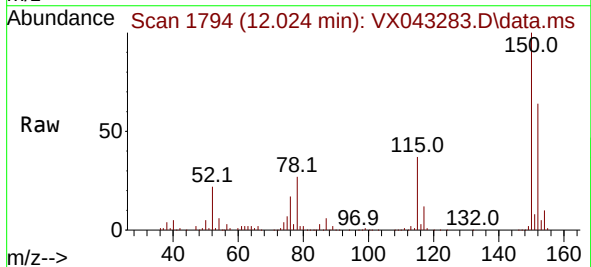
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20241001

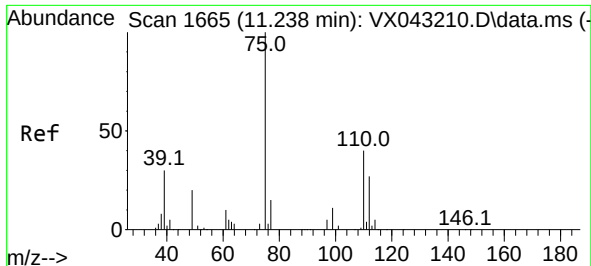
Tgt Ion:117 Resp: 144616
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.6
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

Tgt Ion:152 Resp: 64147
Ion Ratio Lower Upper
152 100
115 61.9 44.1 132.3
150 155.4 0.0 347.4

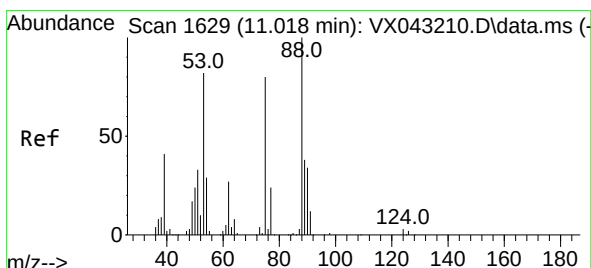
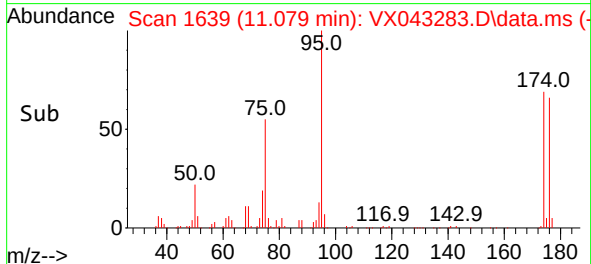
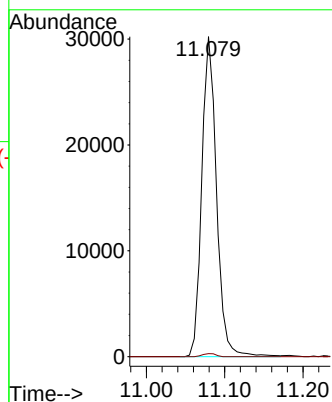
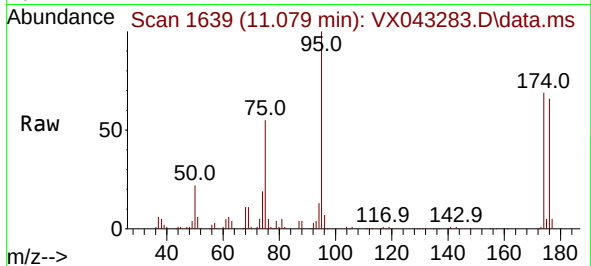




#76
1,2,3-Trichloropropane
Concen: 27.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20241001

Tgt Ion: 75 Resp: 39552
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.042 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043283.D
Acq: 04 Oct 2024 12:56

Tgt Ion: 75 Resp: 39552
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

