

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045250.D
 Acq On : 12 Mar 2025 15:45
 Operator : JC/MD
 Sample : Q1539-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TAP-TB-03-031025

Quant Time: Mar 13 01:43:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

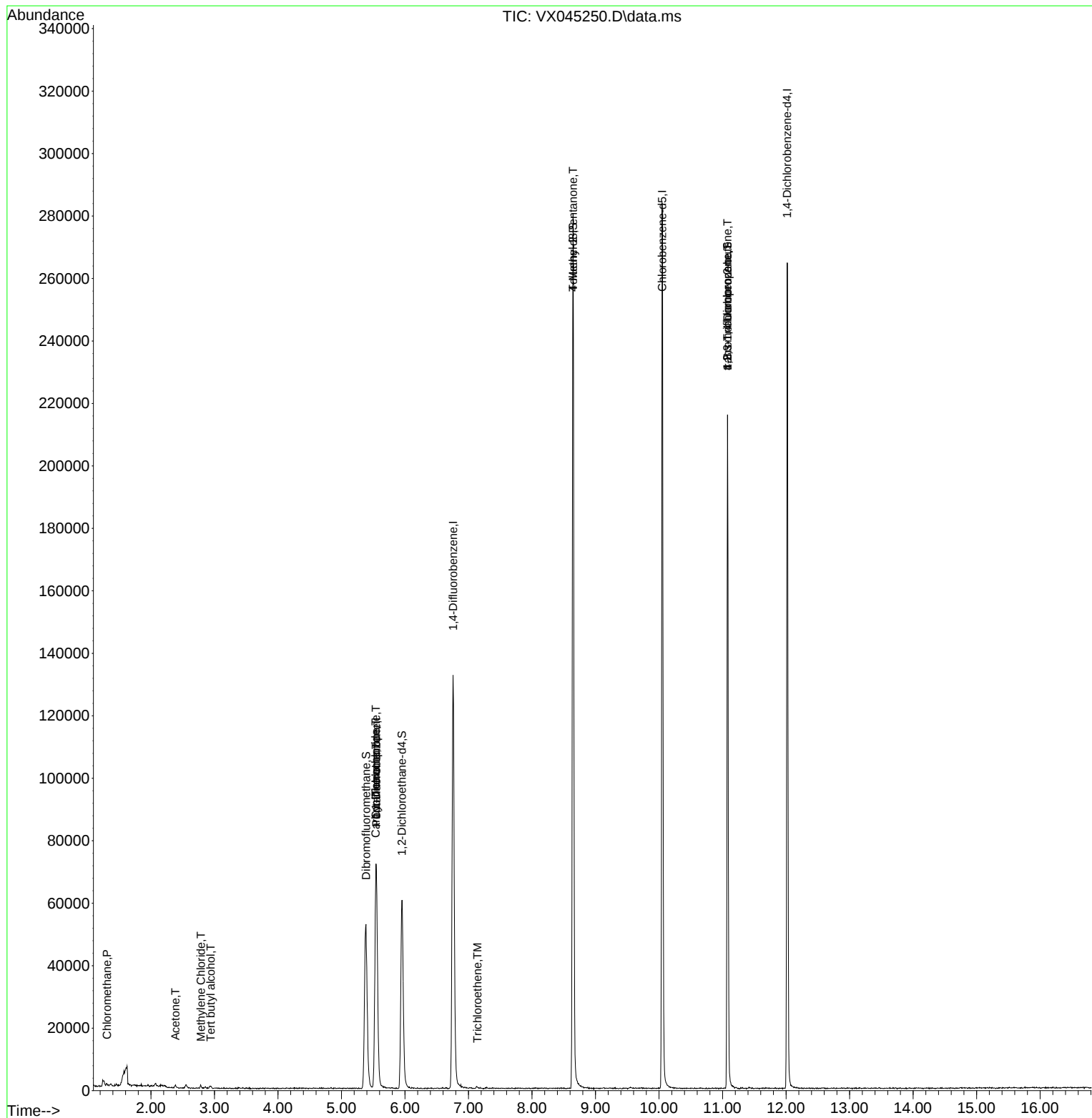
Internal Standards						
1) Pentafluorobenzene	5.550	168	65606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57772	55.361	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.720%			
35) Dibromofluoromethane	5.385	113	47155	54.308	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.620%			
50) Toluene-d8	8.647	98	164255	52.180	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.360%			
62) 4-Bromofluorobenzene	11.079	95	55851	53.543	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.080%			
Target Compounds						Qvalue
3) Chloromethane	1.306	50	945	0.935	ug/l	99
11) Tert butyl alcohol	2.940	59	295	1.492	ug/l #	73
16) Acetone	2.386	43	830	1.714	ug/l #	78
20) Methylene Chloride	2.788	84	384	0.400	ug/l #	84
31) Cyclohexane	5.544	56	1849	1.302	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	6023	5.058	ug/l #	45
38) Carbon Tetrachloride	5.537	117	7197	5.953	ug/l #	16
44) Trichloroethene	7.141	130	231	0.262	ug/l	36
51) 4-Methyl-2-Pentanone	8.647	43	869	0.570	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30975	25.954	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30975	88.818	ug/l #	6

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

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TAP-TB-03-031025

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

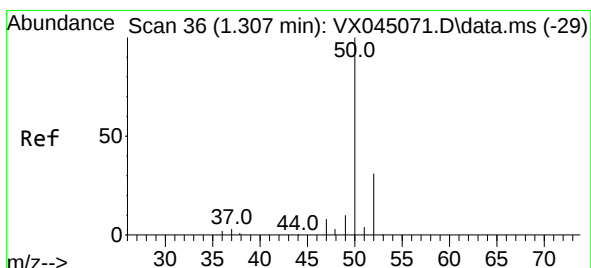
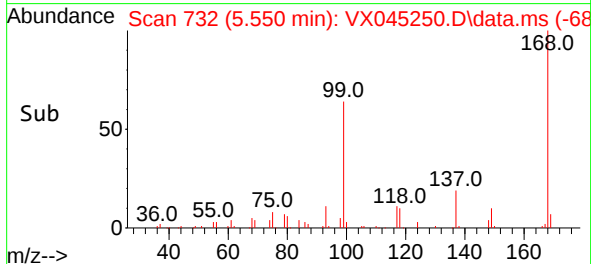
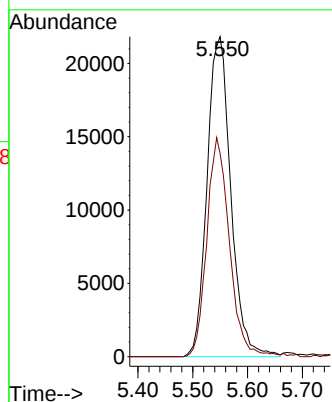
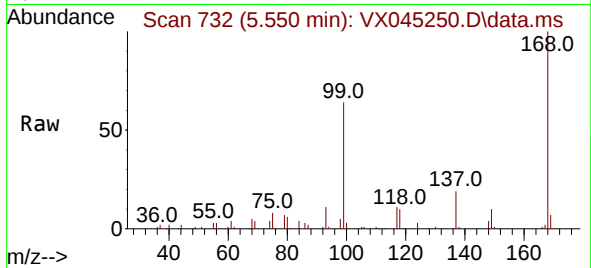




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

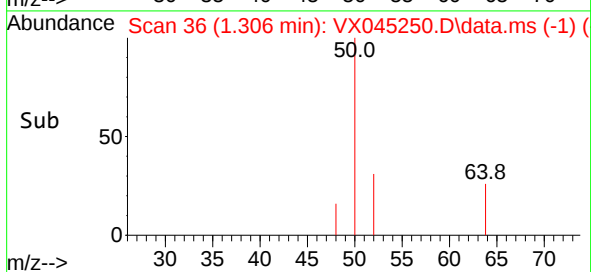
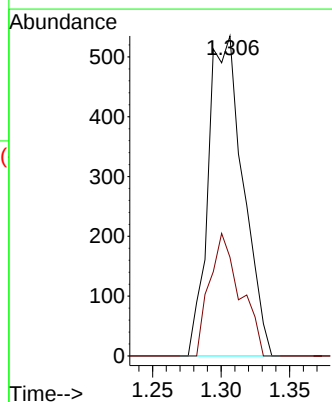
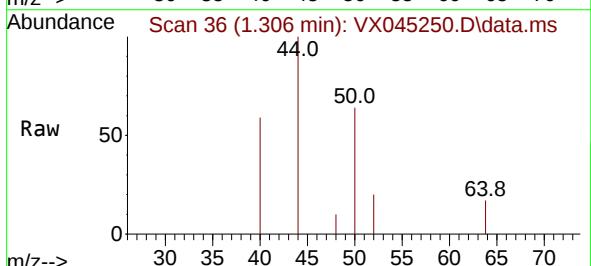
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-03-031025

Tgt Ion:168 Resp: 65606
Ion Ratio Lower Upper
168 100
99 63.6 48.2 72.4



#3
Chloromethane
Concen: 0.935 ug/l
RT: 1.306 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

Tgt Ion: 50 Resp: 945
Ion Ratio Lower Upper
50 100
52 30.8 25.0 37.4

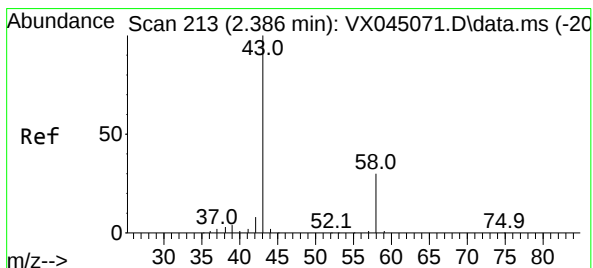
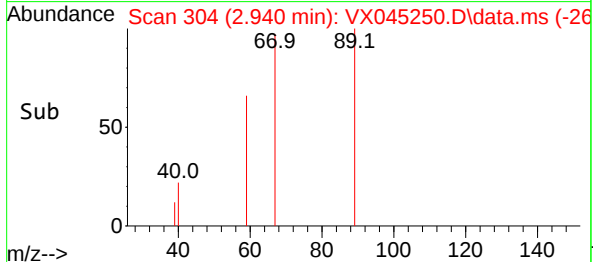
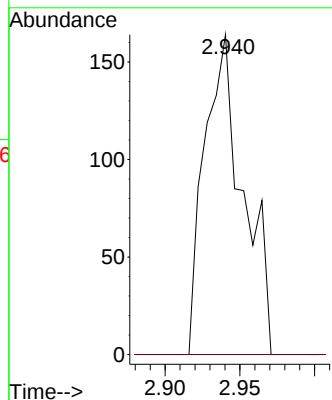
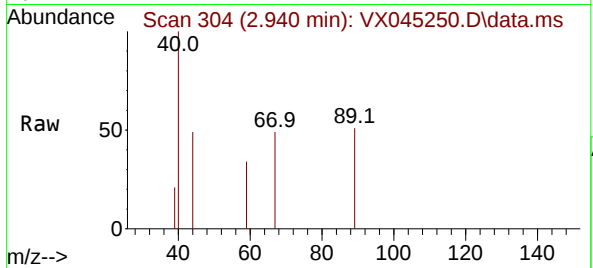




#11
Tert butyl alcohol
Concen: 1.492 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

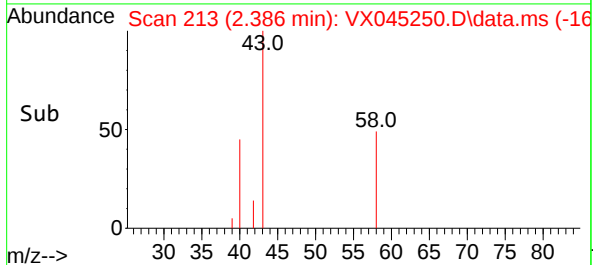
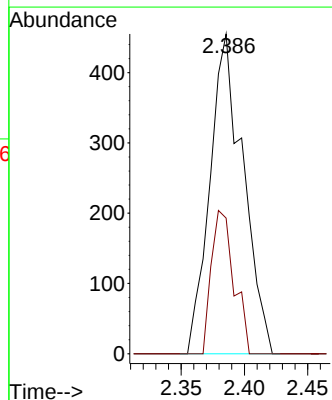
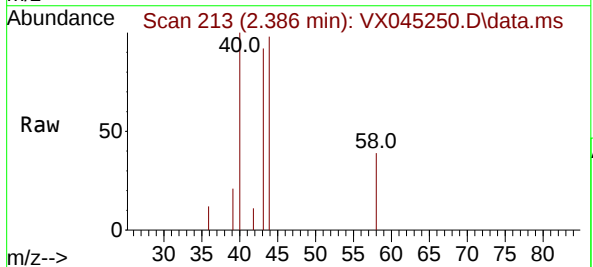
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-03-031025

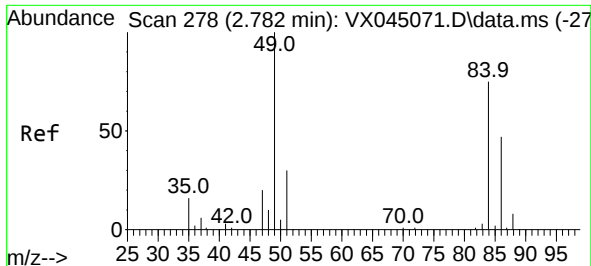
Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.714 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 42.4 24.2 36.4#

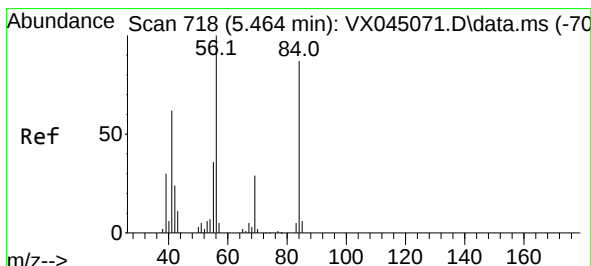
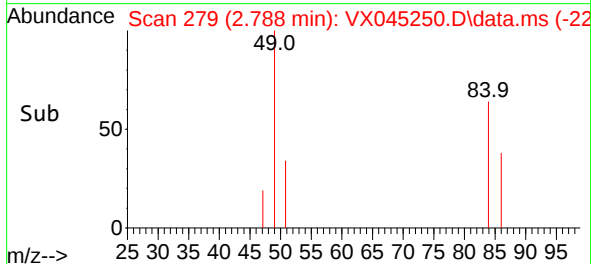
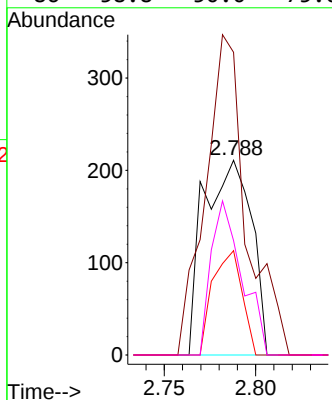
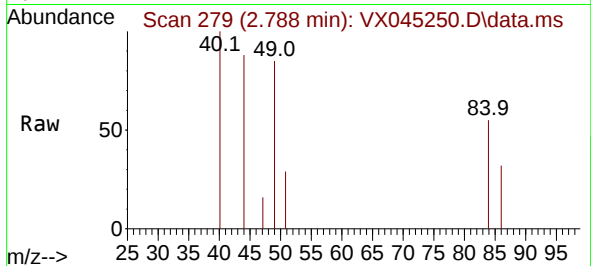




#20
Methylene Chloride
Concen: 0.400 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

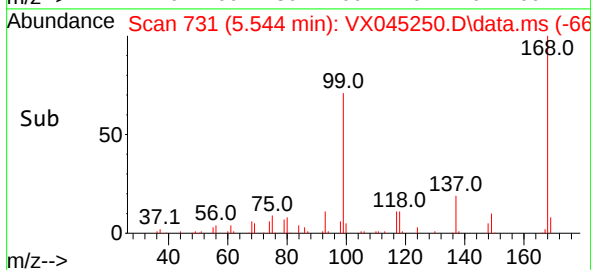
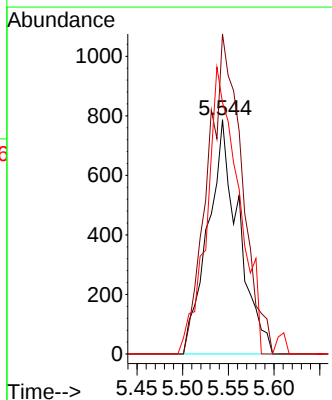
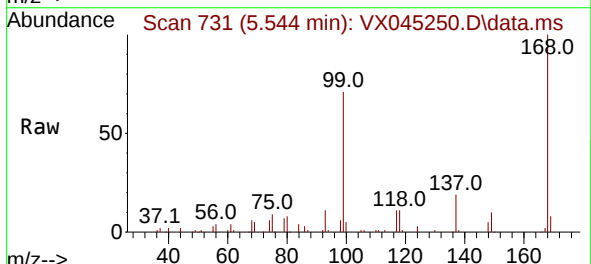
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-03-031025

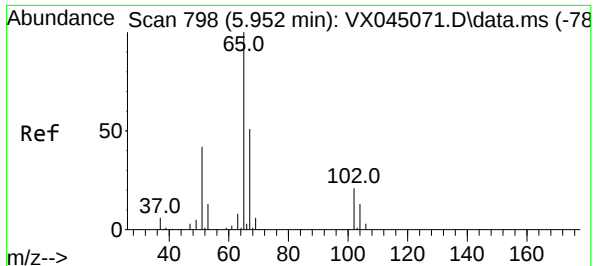
Tgt Ion:	84	Resp:	384
Ion	Ratio	Lower	Upper
84	100		
49	155.5	106.5	159.7
51	53.6	32.1	48.1#
86	58.8	50.0	75.0



#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

Tgt Ion:	56	Resp:	1849
Ion	Ratio	Lower	Upper
56	100		
69	136.6	23.4	35.2#
84	107.2	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 55.361 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045250.D

Acq: 12 Mar 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

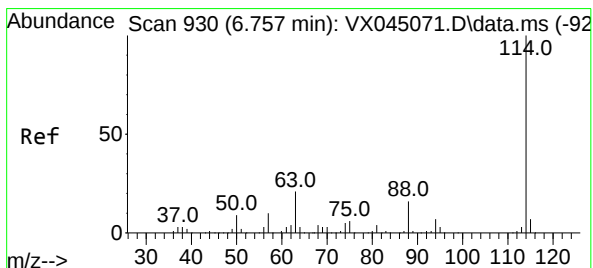
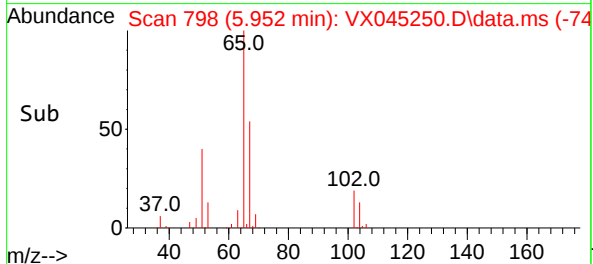
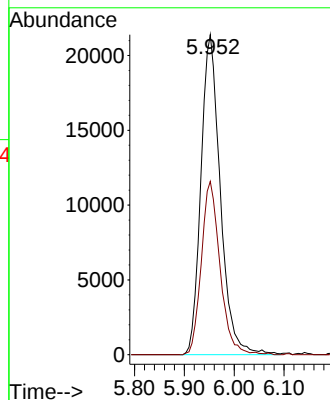
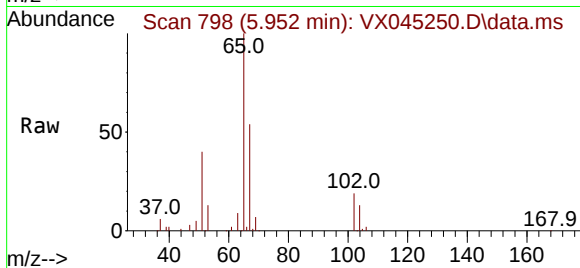
TAP-TB-03-031025

Tgt Ion: 65 Resp: 57772

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045250.D

Acq: 12 Mar 2025 15:45

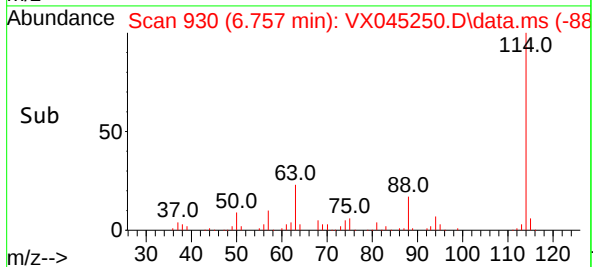
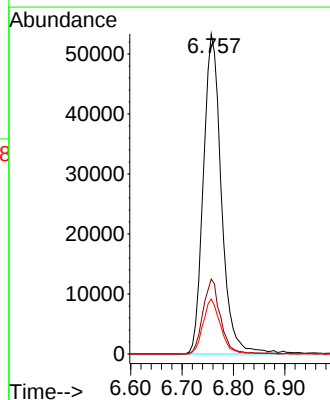
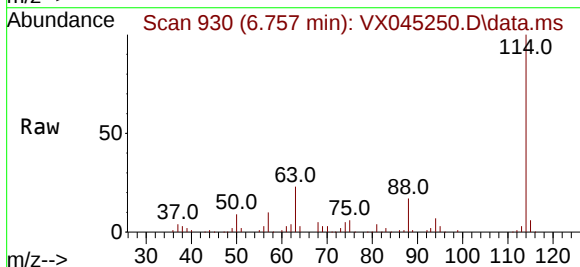
Tgt Ion: 114 Resp: 129853

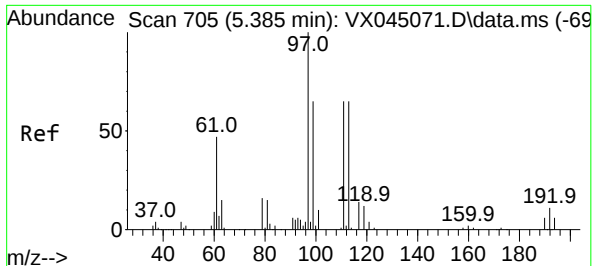
Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.8

88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.308 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX045250.D

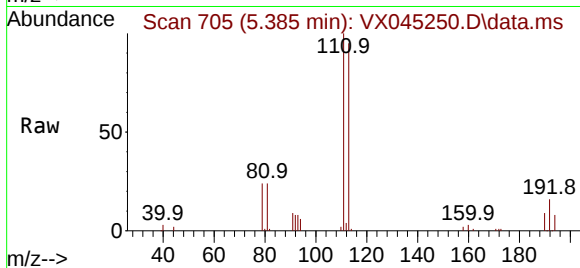
Acq: 12 Mar 2025 15:45

Instrument :

MSVOA_X

ClientSampleId :

TAP-TB-03-031025



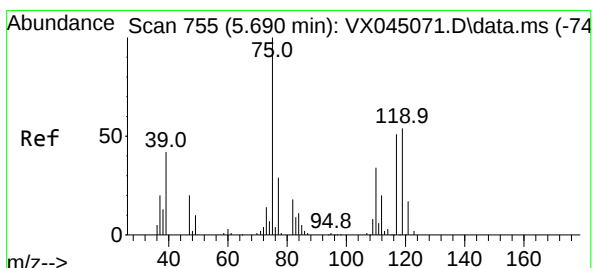
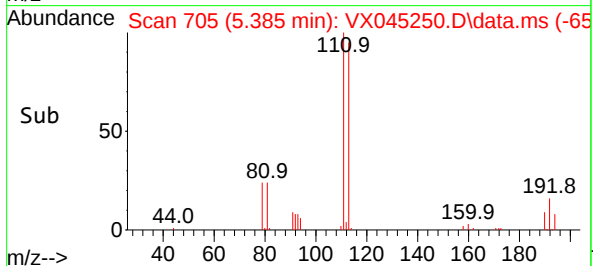
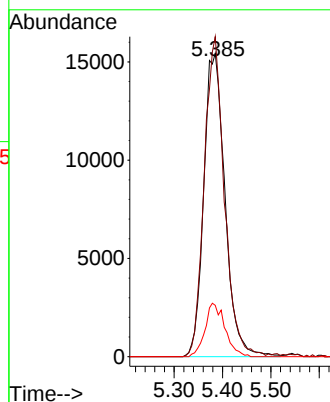
Tgt Ion:113 Resp: 47155

Ion Ratio Lower Upper

113 100

111 99.9 81.8 122.6

192 16.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.058 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.147 min

Lab File: VX045250.D

Acq: 12 Mar 2025 15:45

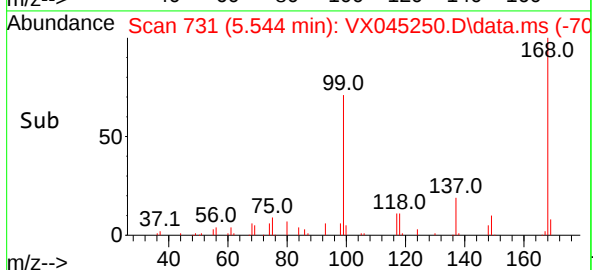
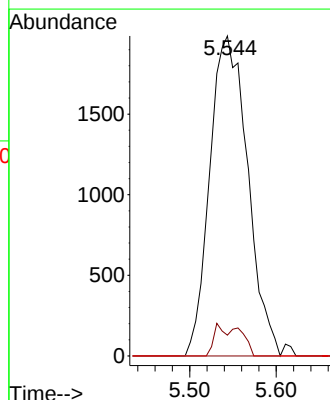
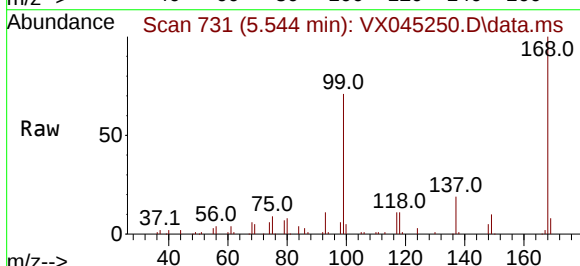
Tgt Ion: 75 Resp: 6023

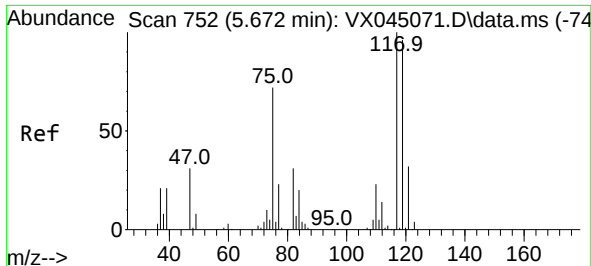
Ion Ratio Lower Upper

75 100

110 3.3 16.9 50.6#

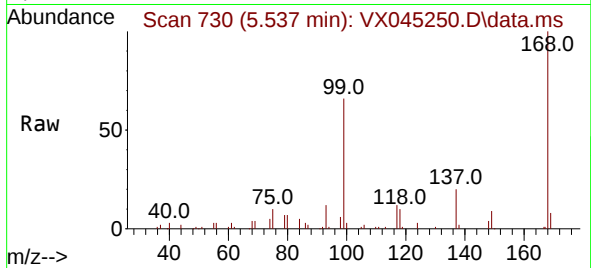
77 0.0 24.5 36.7#



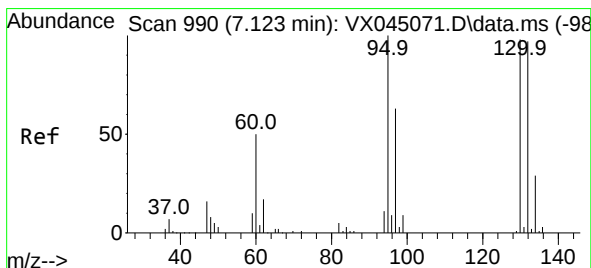
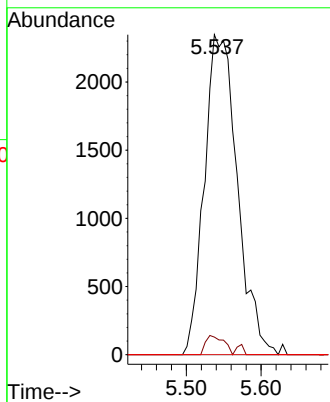
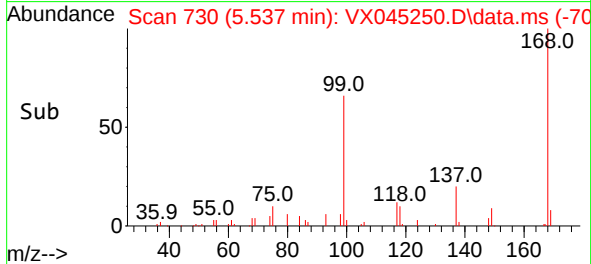


#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 5.537 min Scan# 7197
Delta R.T. -0.134 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-03-031025

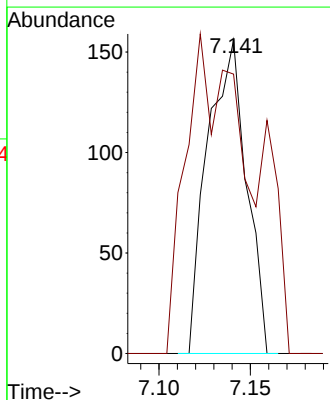
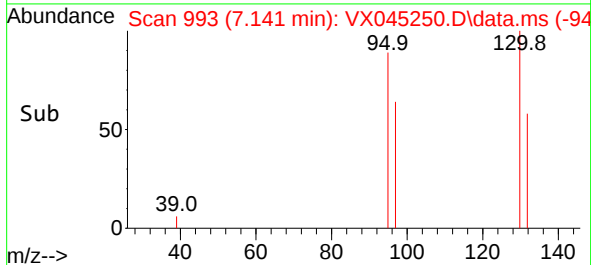
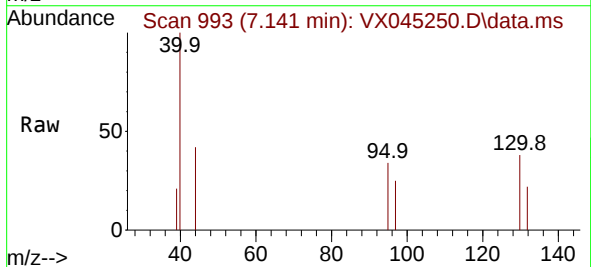


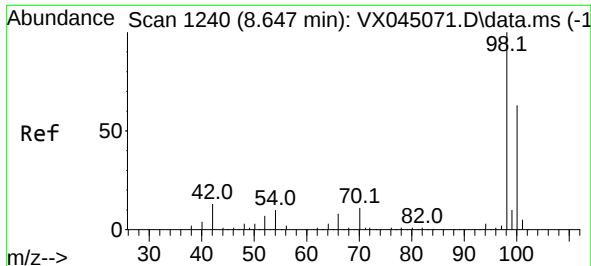
Tgt Ion:117 Resp: 7197
Ion Ratio Lower Upper
117 100
119 5.5 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 0.262 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

Tgt Ion:130 Resp: 231
Ion Ratio Lower Upper
130 100
95 37.8 0.0 205.0

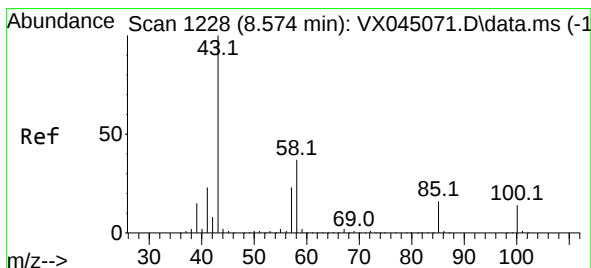
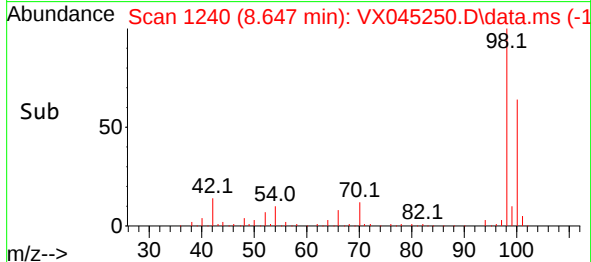
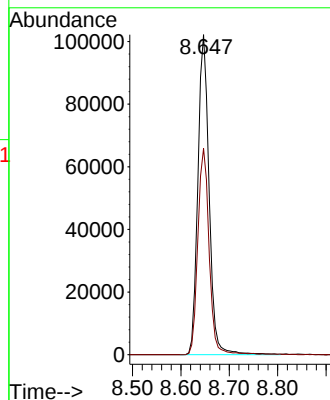
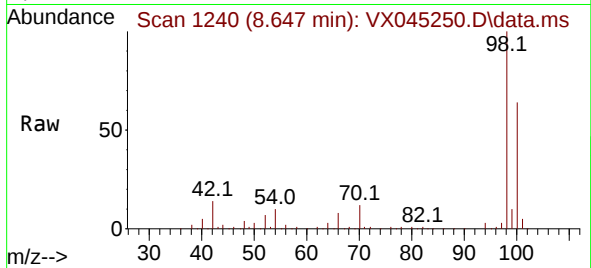




#50
Toluene-d8
Concen: 52.180 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

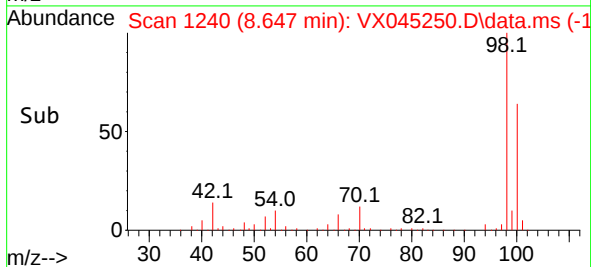
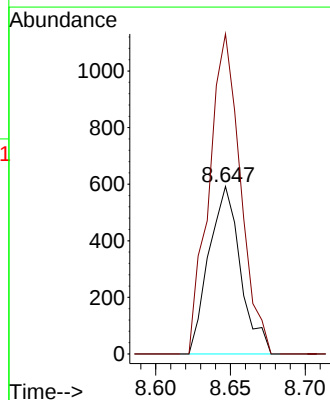
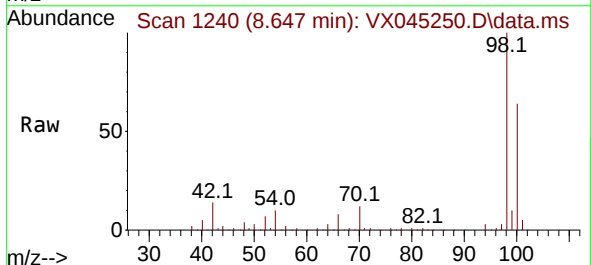
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-03-031025

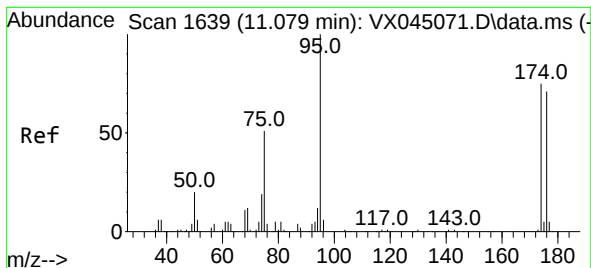
Tgt Ion: 98 Resp: 164255
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.570 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 190.9 29.2 43.8#

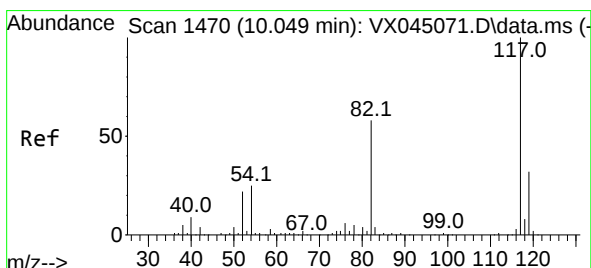
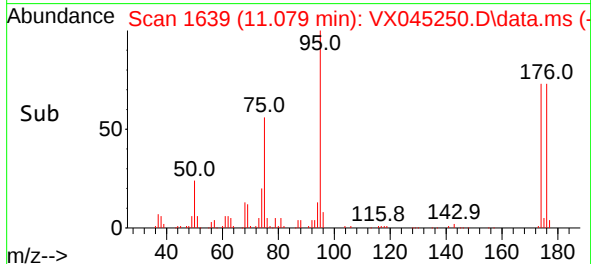
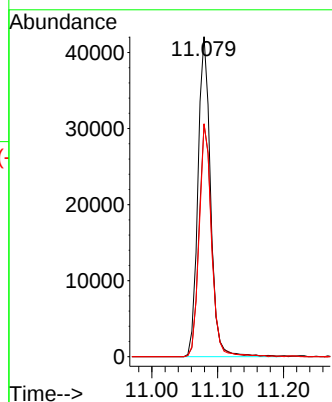
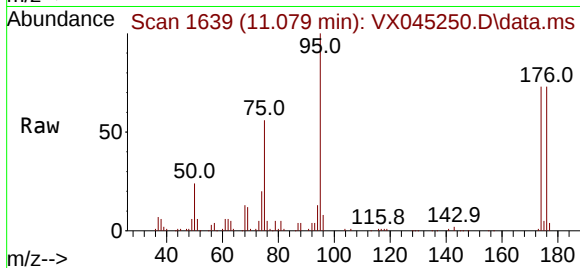




#62
4-Bromofluorobenzene
Concen: 53.543 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

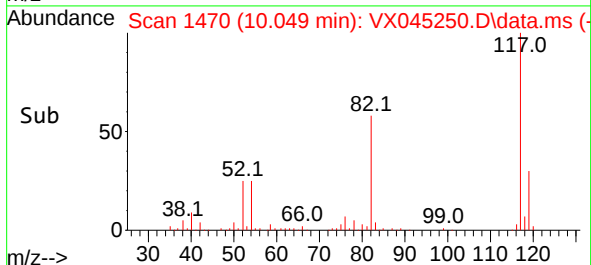
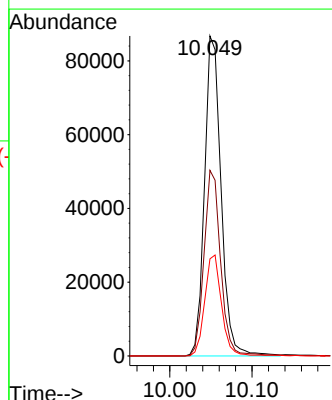
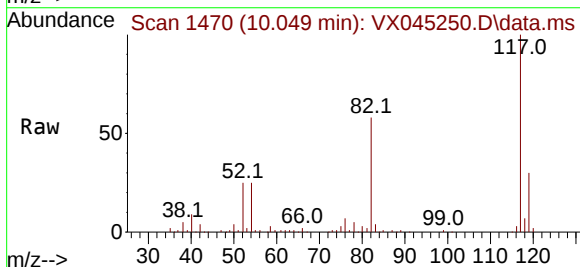
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-03-031025

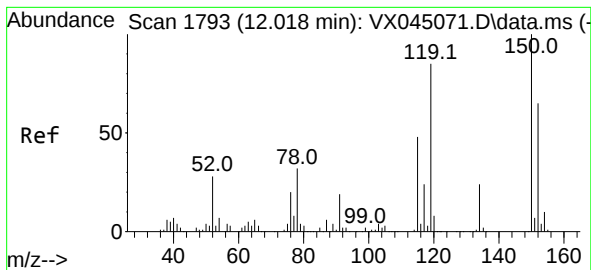
Tgt Ion: 95 Resp: 55851
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.2
176 71.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

Tgt Ion: 117 Resp: 121501
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 30.4 25.7 38.5

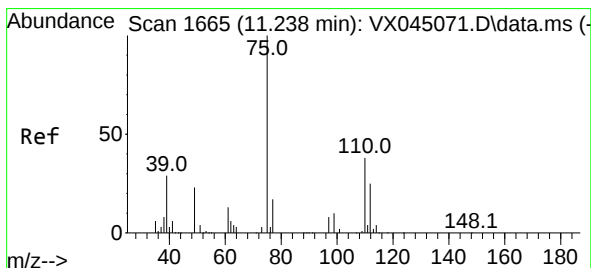
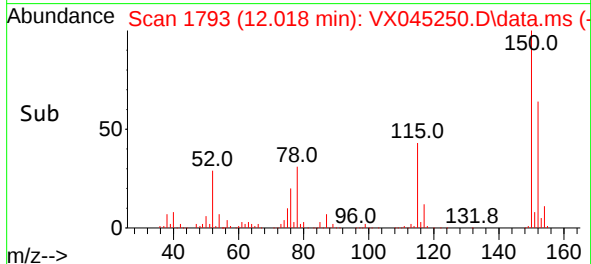
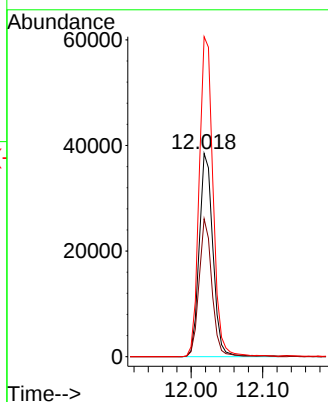
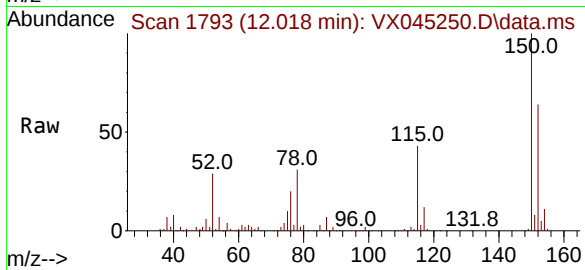




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

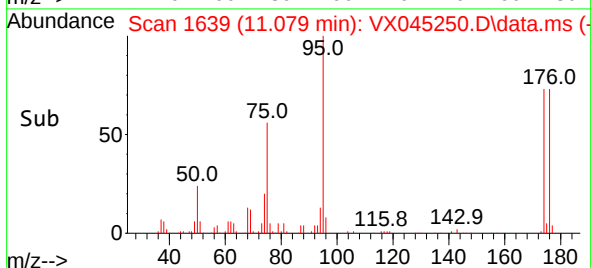
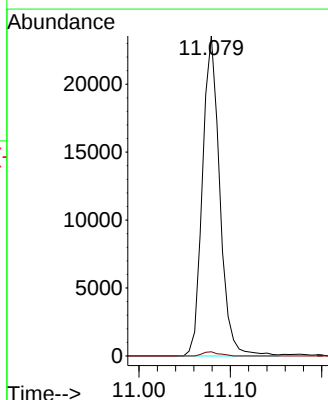
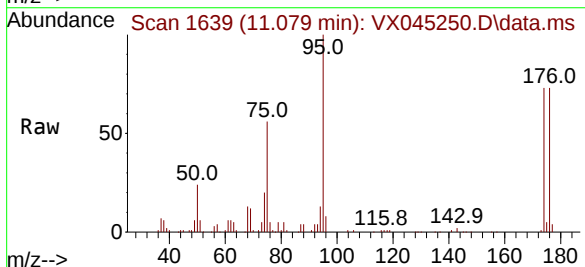
Instrument :
MSVOA_X
ClientSampleId :
TAP-TB-03-031025

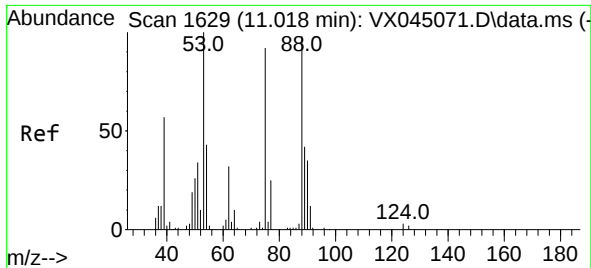
Tgt Ion:152 Resp: 51277
Ion Ratio Lower Upper
152 100
115 63.6 44.2 132.6
150 159.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.954 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045250.D
Acq: 12 Mar 2025 15:45

Tgt Ion: 75 Resp: 30975
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.818 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX045250.D
 Acq: 12 Mar 2025 15:45

Instrument :
 MSVOA_X
 ClientSampleId :
 TAP-TB-03-031025

Tgt Ion: 75 Resp: 30975
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.5 132.7#
 89 0.0 36.2 54.4#

