

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045445.D
 Acq On : 25 Mar 2025 17:09
 Operator : JC/MD
 Sample : Q1629-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20250320

Quant Time: Mar 26 01:41:39 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)

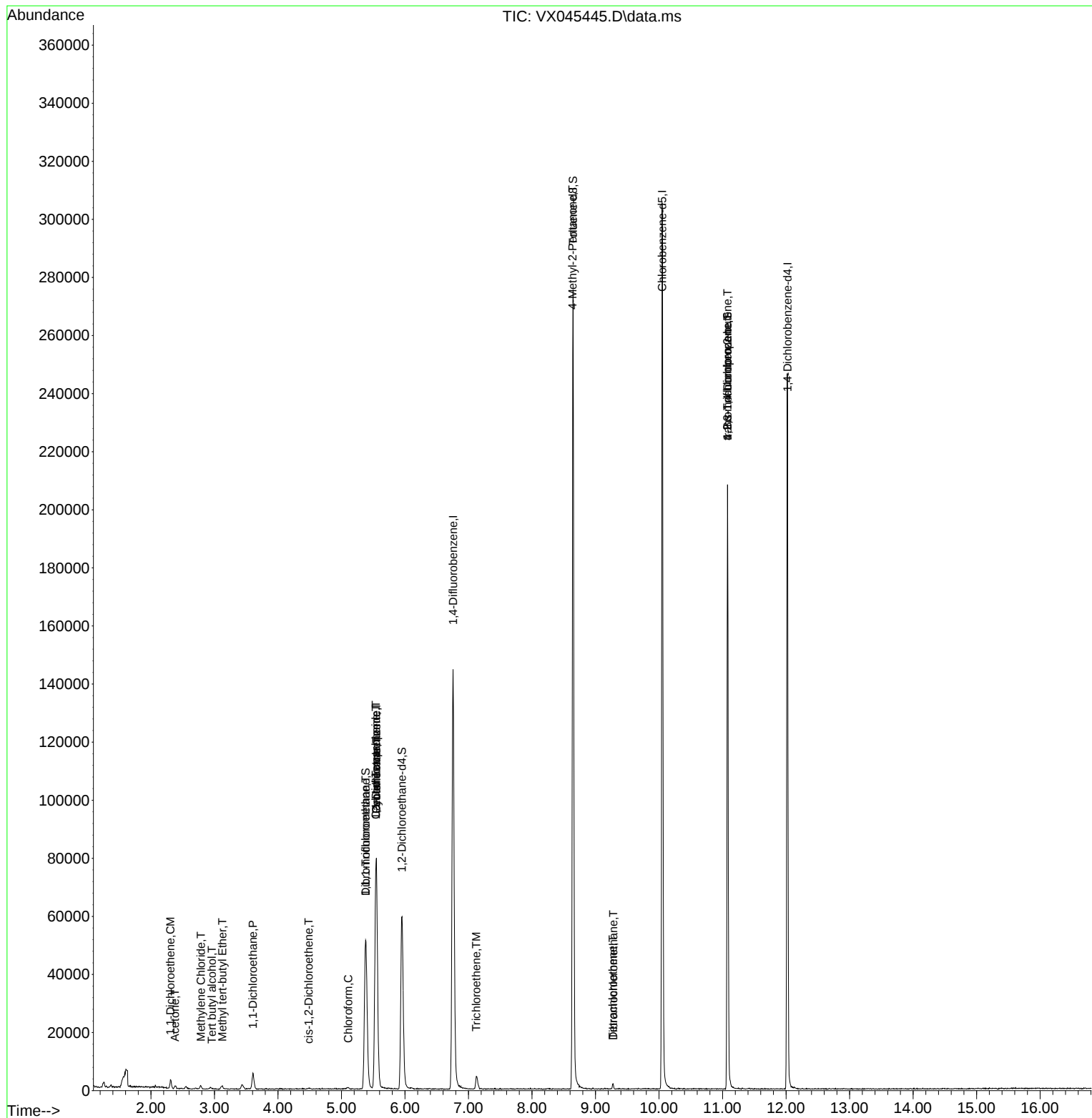
Internal Standards						
1) Pentafluorobenzene	5.550	168	70075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60163	53.975	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.960%	
35) Dibromofluoromethane	5.379	113	44839	48.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.500%	
50) Toluene-d8	8.647	98	157304	47.175	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.340%	
62) 4-Bromofluorobenzene	11.079	95	53583	48.493	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	145	0.687	ug/l #	73
12) 1,1-Dichloroethene	2.306	96	1069	1.241	ug/l	92
16) Acetone	2.380	43	1267	2.450	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1125	0.389	ug/l #	82
20) Methylene Chloride	2.788	84	491	0.479	ug/l #	74
24) 1,1-Dichloroethane	3.605	63	6026	3.449	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	215	0.205	ug/l #	63
30) Chloroform	5.105	83	628	0.362	ug/l	99
31) Cyclohexane	5.550	56	2180	1.438	ug/l #	43
32) 1,1,1-Trichloroethane	5.379	97	627	0.447	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	6803	5.393	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8135	6.352	ug/l #	15
44) Trichloroethene	7.123	130	1836	1.963	ug/l	76
51) 4-Methyl-2-Pentanone	8.641	43	859	0.532	ug/l #	1
60) Dibromochloromethane	9.281	129	368	0.366	ug/l #	11
64) Tetrachloroethene	9.275	164	330	0.421	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	30802	28.017	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30802	95.878	ug/l #	6

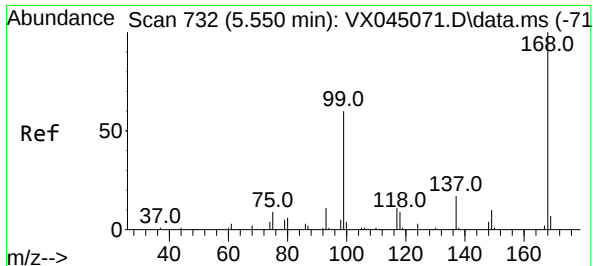
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
Data File : VX045445.D
Acq On : 25 Mar 2025 17:09
Operator : JC/MD
Sample : Q1629-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250320

Quant Time: Mar 26 01:41:39 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

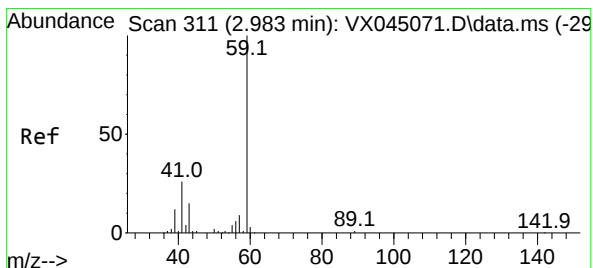
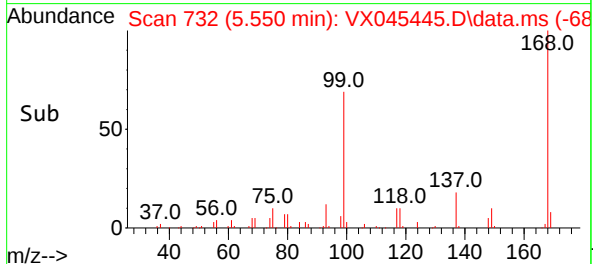
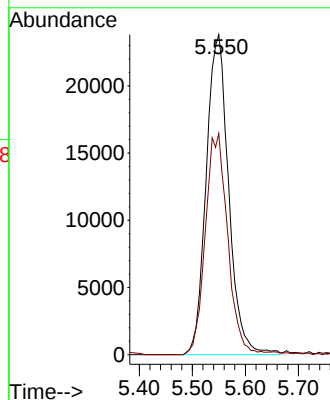
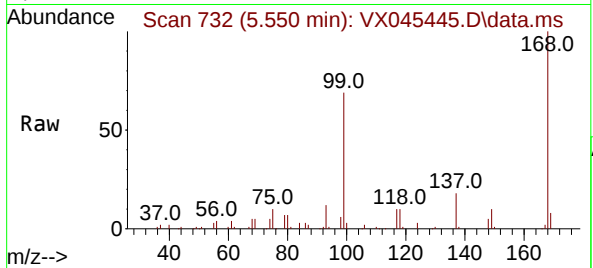




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

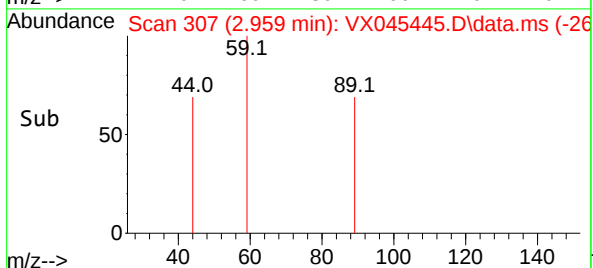
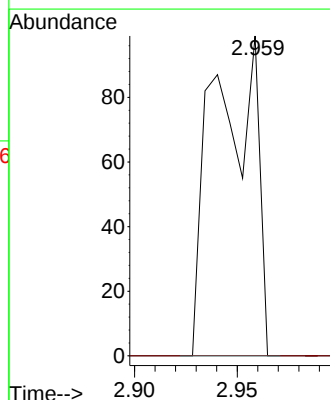
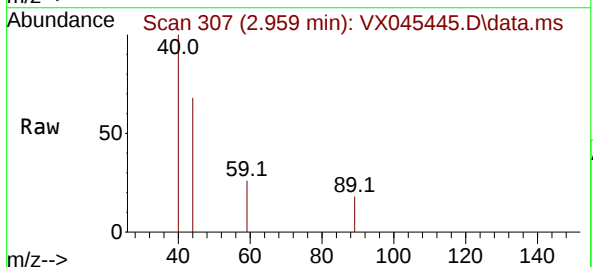
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250320

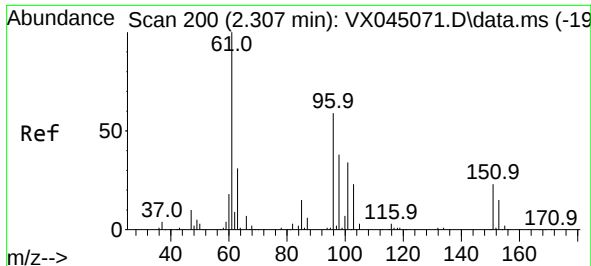
Tgt Ion:168 Resp: 70075
Ion Ratio Lower Upper
168 100
99 69.1 48.2 72.4



#11
Tert butyl alcohol
Concen: 0.687 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.241 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045445.D

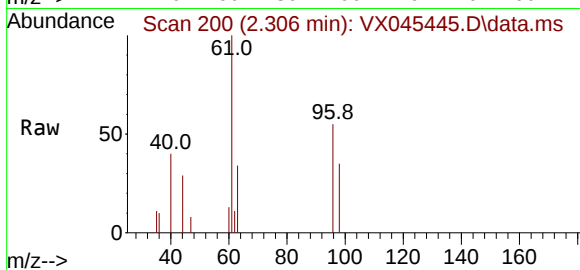
Acq: 25 Mar 2025 17:09

Instrument :

MSVOA_X

ClientSampleId :

TT17411-20250320



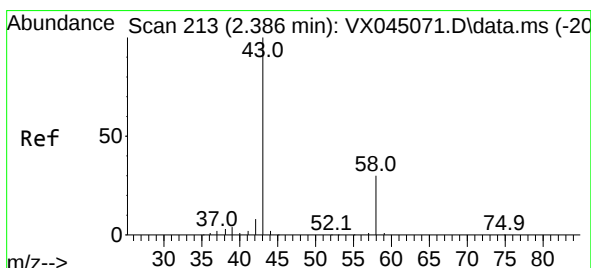
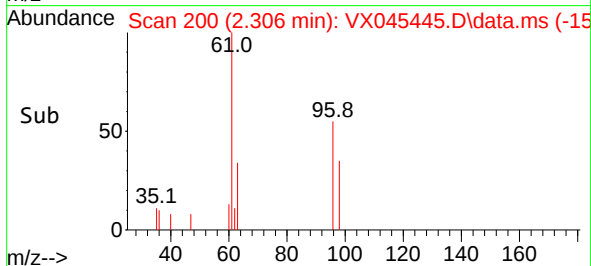
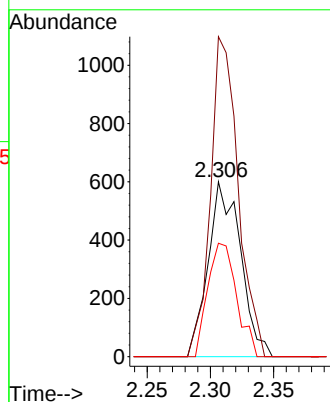
Tgt Ion: 96 Resp: 1069

Ion Ratio Lower Upper

96 100

61 183.0 134.6 202.0

98 64.8 51.0 76.6



#16

Acetone

Concen: 2.450 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045445.D

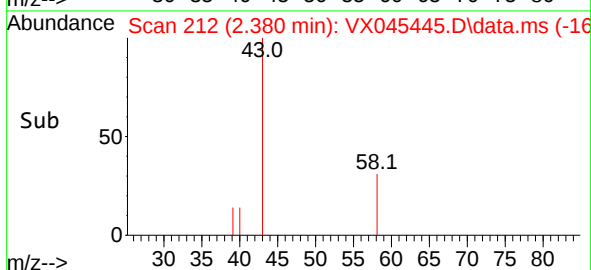
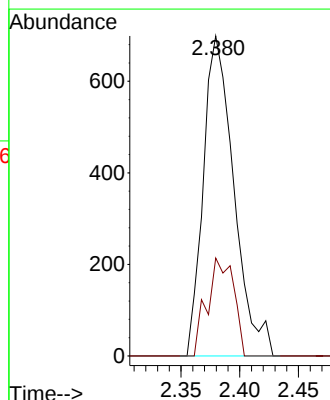
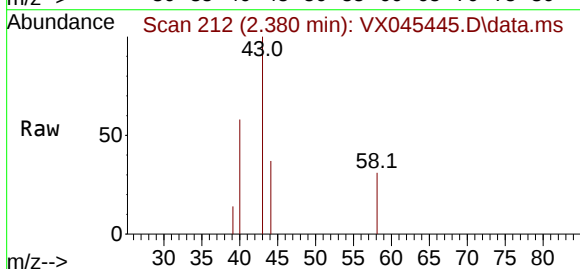
Acq: 25 Mar 2025 17:09

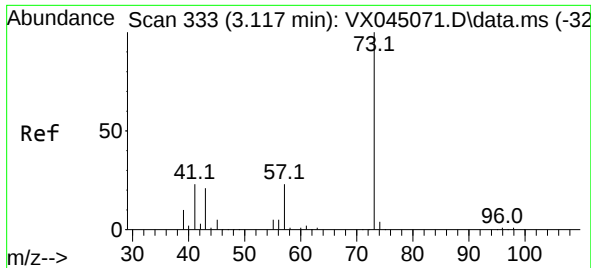
Tgt Ion: 43 Resp: 1267

Ion Ratio Lower Upper

43 100

58 30.6 24.2 36.4

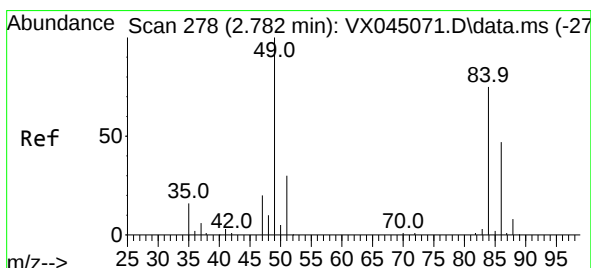
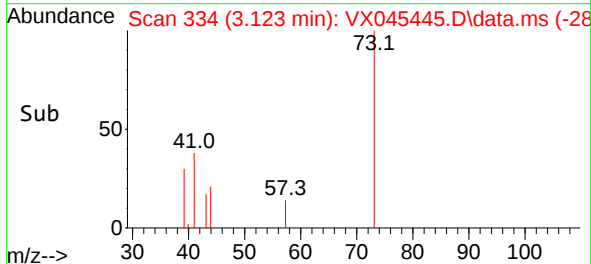
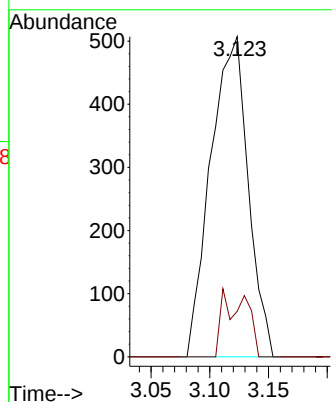
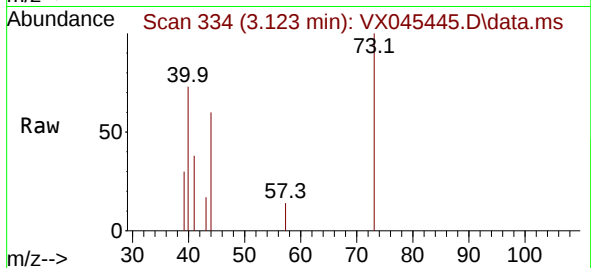




#19
Methyl tert-butyl Ether
Concen: 0.389 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

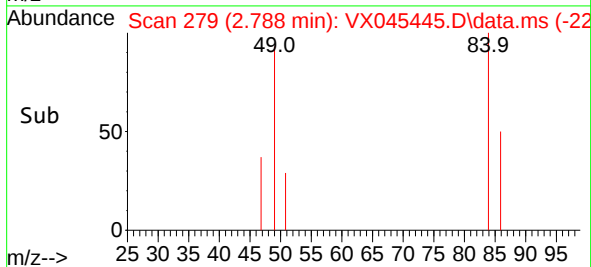
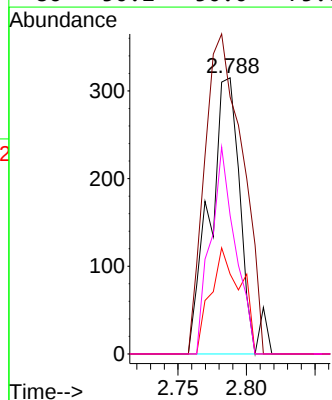
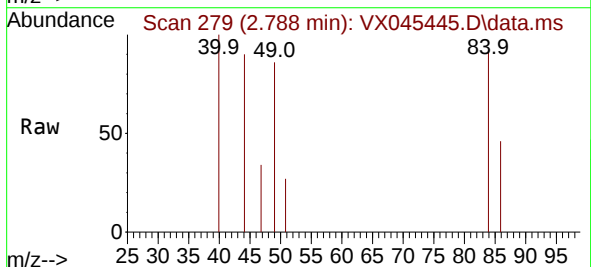
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250320

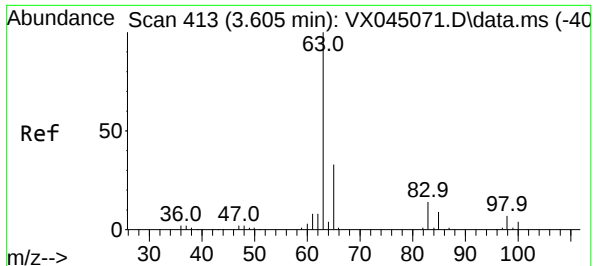
Tgt Ion: 73 Resp: 1125
Ion Ratio Lower Upper
73 100
57 14.2 18.5 27.7#



#20
Methylene Chloride
Concen: 0.479 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Tgt Ion: 84 Resp: 491
Ion Ratio Lower Upper
84 100
49 93.0 106.5 159.7#
51 28.9 32.1 48.1#
86 50.2 50.0 75.0

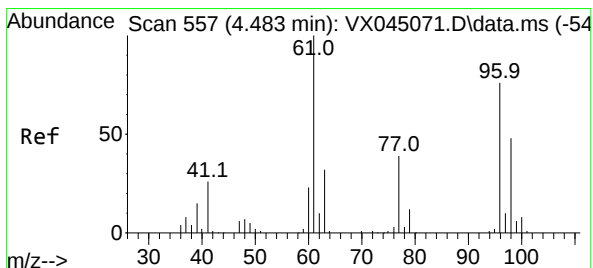
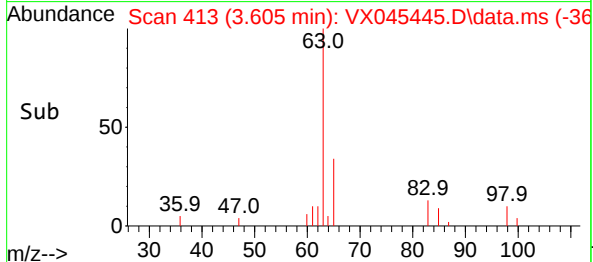
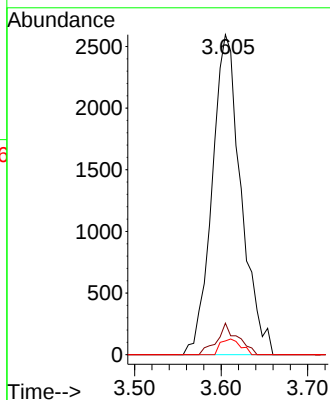
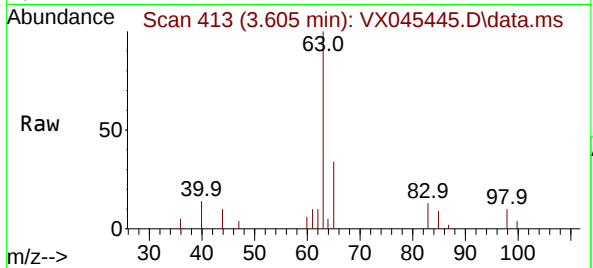




#24
 1,1-Dichloroethane
 Concen: 3.449 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045445.D
 Acq: 25 Mar 2025 17:09

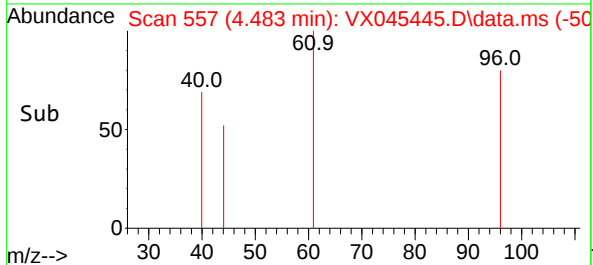
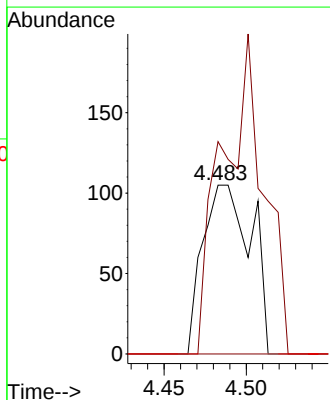
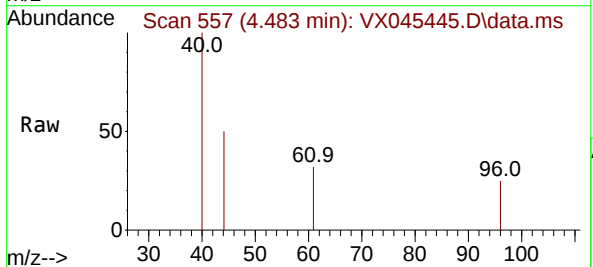
Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20250320

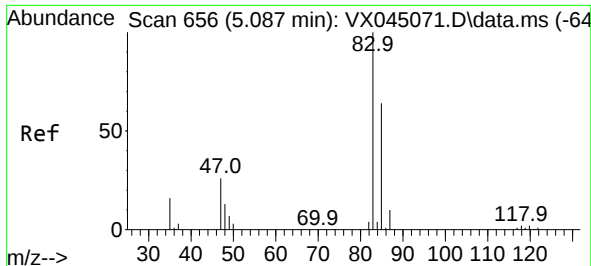
Tgt Ion:	63	Resp:	6026
Ion	Ratio	Lower	Upper
63	100		
98	9.8	3.4	10.2
100	4.3	2.1	6.5



#27
 cis-1,2-Dichloroethene
 Concen: 0.205 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX045445.D
 Acq: 25 Mar 2025 17:09

Tgt Ion:	96	Resp:	215
Ion	Ratio	Lower	Upper
96	100		
61	161.4	0.0	283.2
98	0.0	0.0	128.0





#30

Chloroform

Concen: 0.362 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.018 min

Lab File: VX045445.D

Acq: 25 Mar 2025 17:09

Instrument :

MSVOA_X

ClientSampleId :

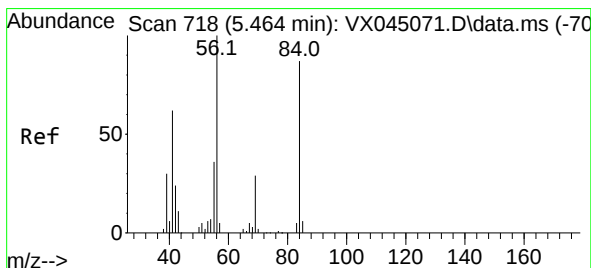
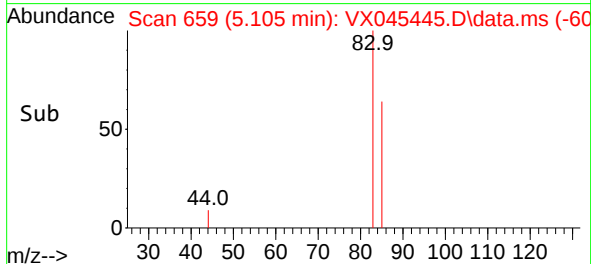
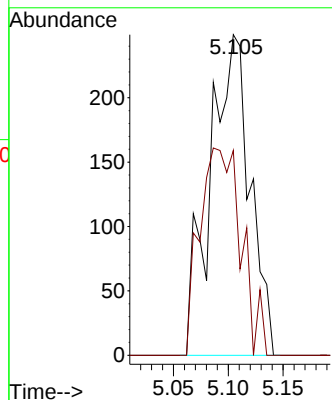
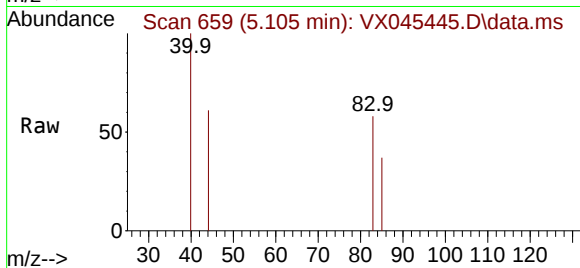
TT17411-20250320

Tgt Ion: 83 Resp: 628

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.2



#31

Cyclohexane

Concen: 1.438 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX045445.D

Acq: 25 Mar 2025 17:09

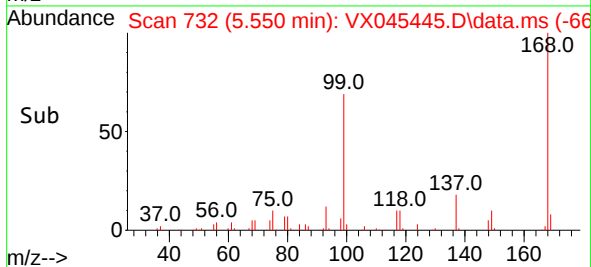
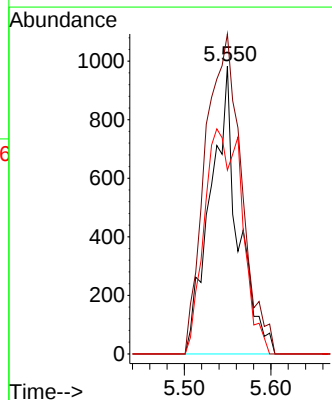
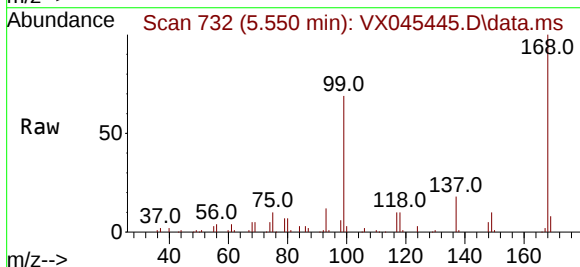
Tgt Ion: 56 Resp: 2180

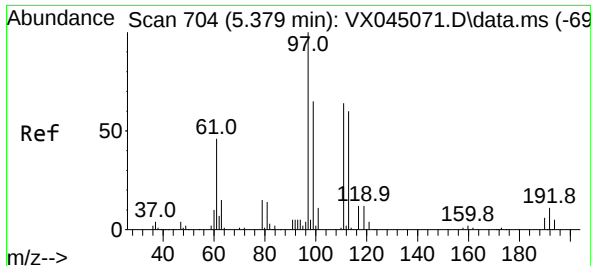
Ion Ratio Lower Upper

56 100

69 111.2 23.4 35.2#

84 63.9 69.4 104.2#

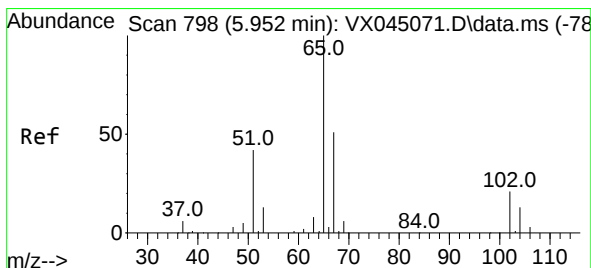
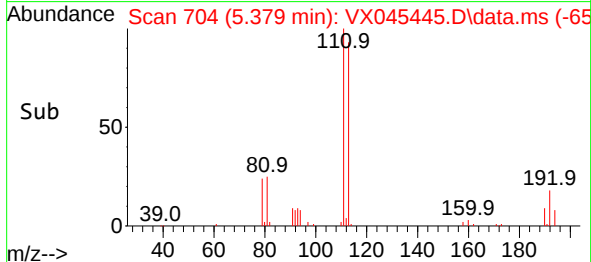
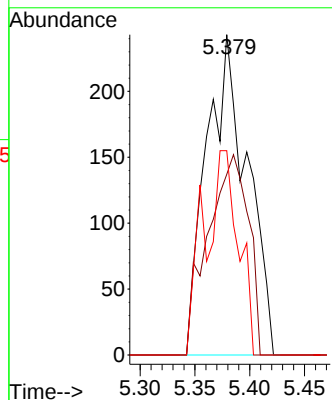
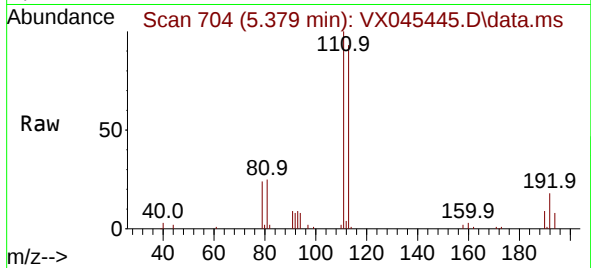




#32
 1,1,1-Trichloroethane
 Concen: 0.447 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.000 min
 Lab File: VX045445.D
 Acq: 25 Mar 2025 17:09

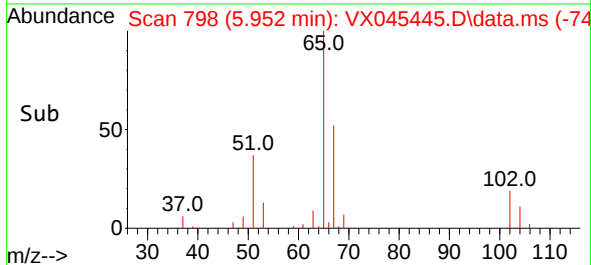
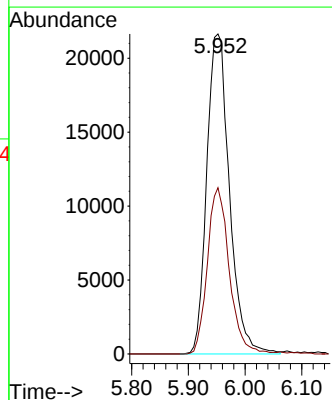
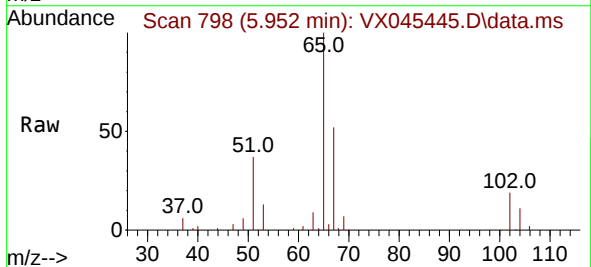
Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20250320

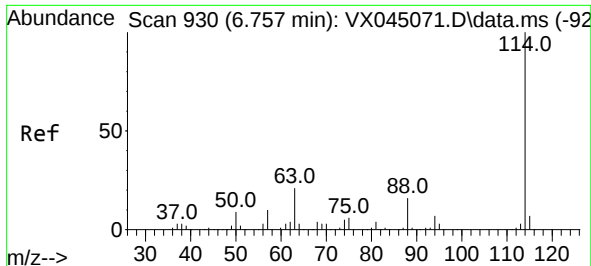
Tgt Ion: 97	Resp: 627
Ion Ratio	Lower Upper
97 100	
99 0.0	51.6 77.4#
61 38.0	38.4 57.6#



#33
 1,2-Dichloroethane-d4
 Concen: 53.975 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045445.D
 Acq: 25 Mar 2025 17:09

Tgt Ion: 65	Resp: 60163
Ion Ratio	Lower Upper
65 100	
67 50.2	0.0 106.2

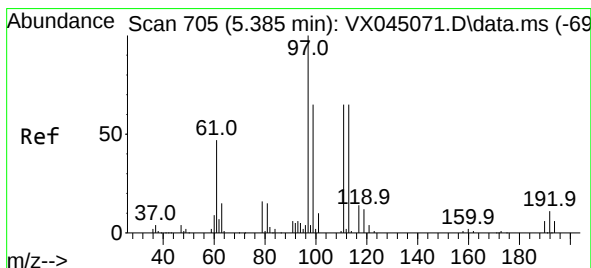
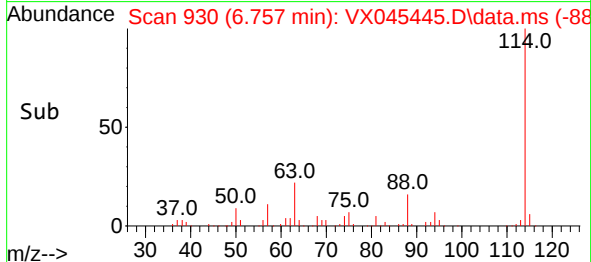
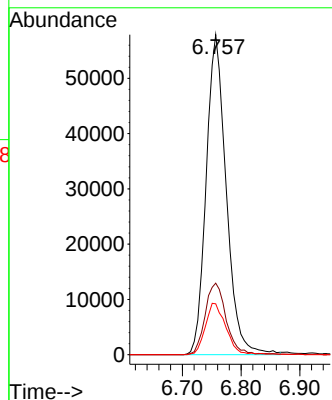
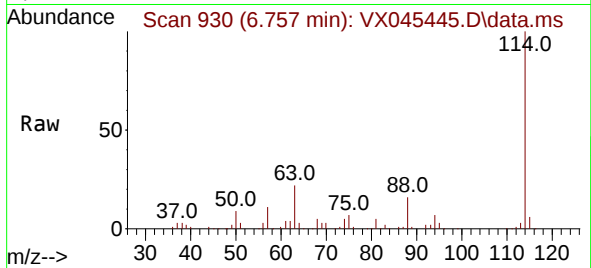




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

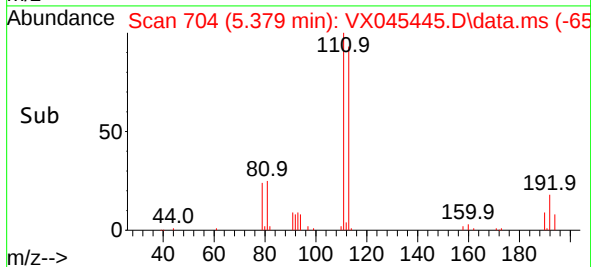
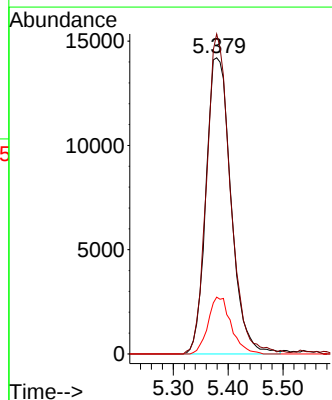
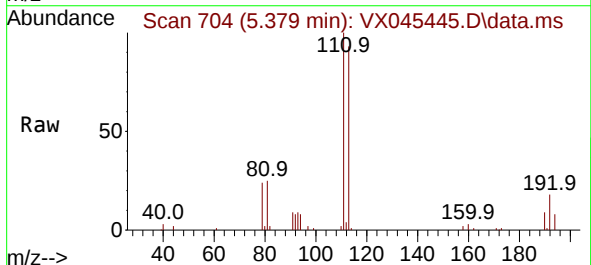
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250320

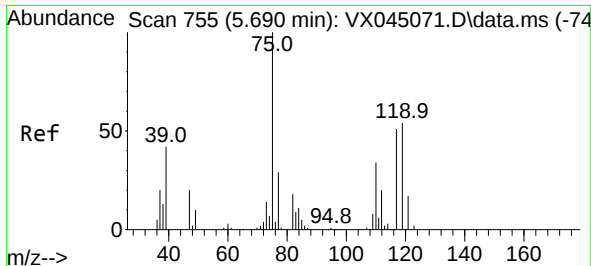
Tgt Ion:114 Resp: 137552
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.750 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Tgt Ion:113 Resp: 44839
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.6
192 17.7 14.3 21.5

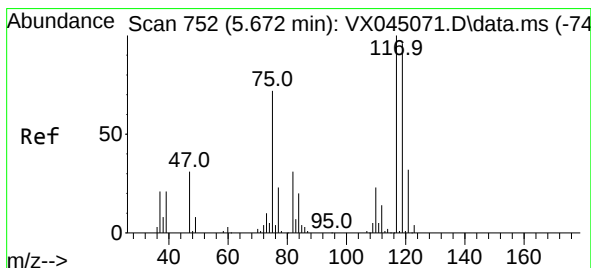
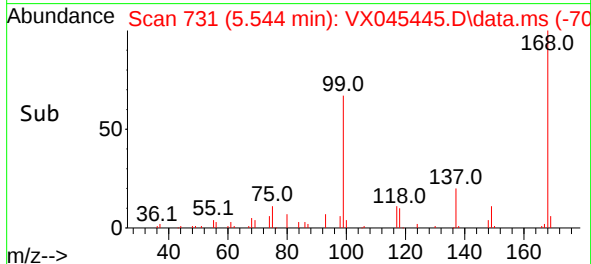
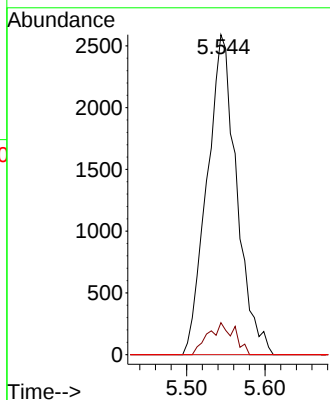
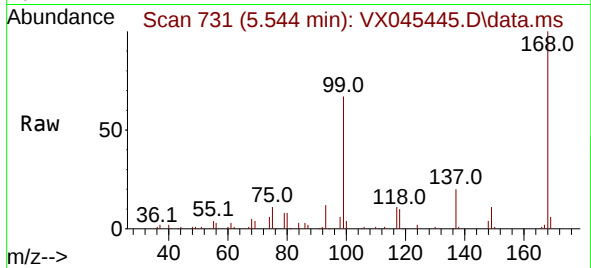




#36
 1,1-Dichloropropene
 Concen: 5.393 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX045445.D
 Acq: 25 Mar 2025 17:09

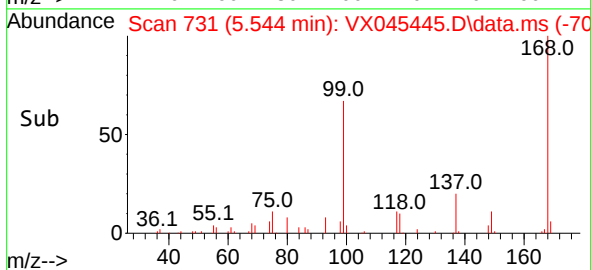
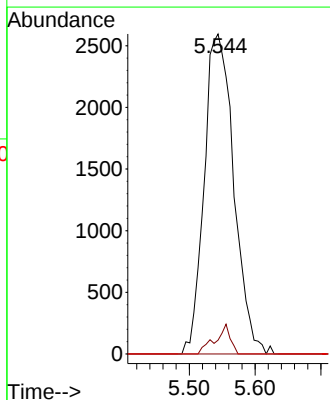
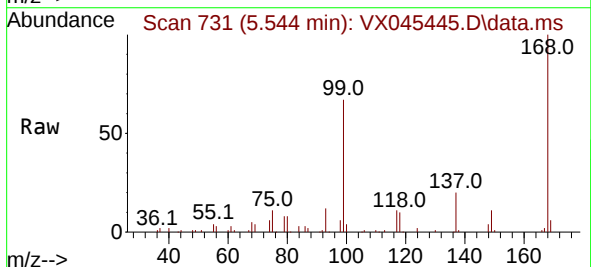
Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20250320

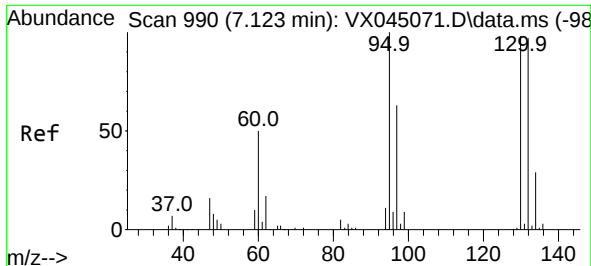
Tgt Ion: 75 Resp: 6803
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.352 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX045445.D
 Acq: 25 Mar 2025 17:09

Tgt Ion: 117 Resp: 8135
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.7 115.1#
 121 0.0 25.5 38.3#

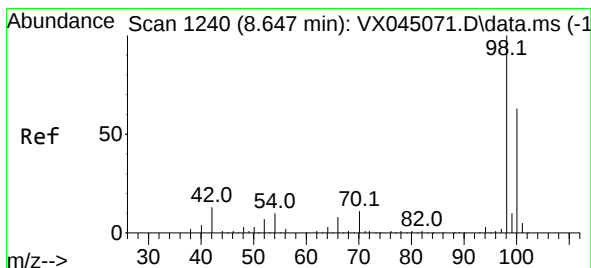
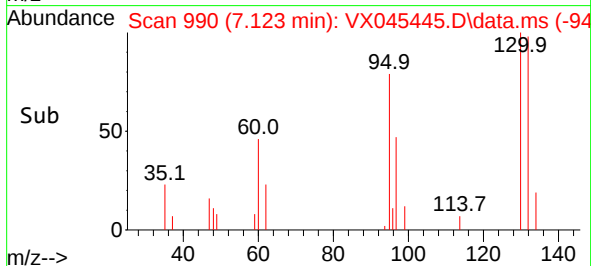
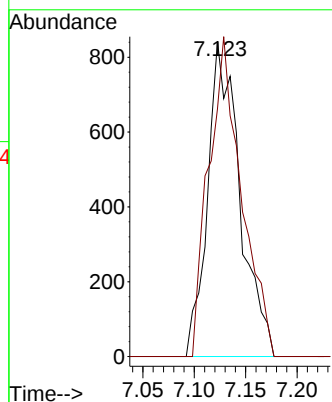
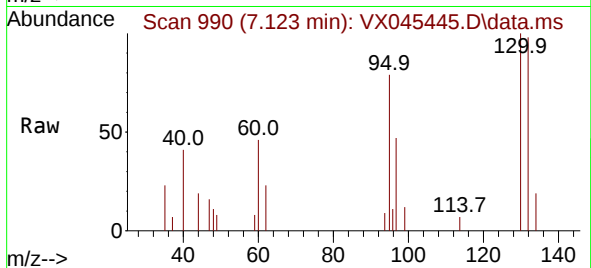




#44
Trichloroethene
Concen: 1.963 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

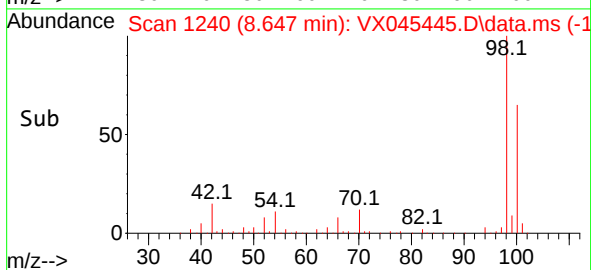
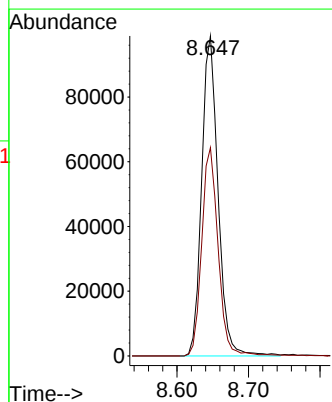
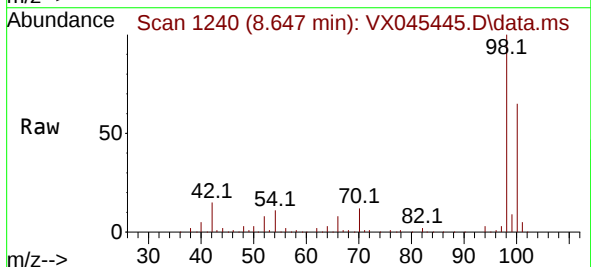
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250320

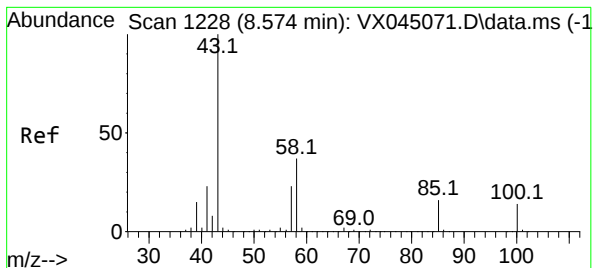
Tgt Ion:130 Resp: 1836
Ion Ratio Lower Upper
130 100
95 78.5 0.0 205.0



#50
Toluene-d8
Concen: 47.175 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Tgt Ion: 98 Resp: 157304
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.532 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX045445.D

Acq: 25 Mar 2025 17:09

Instrument :

MSVOA_X

ClientSampleId :

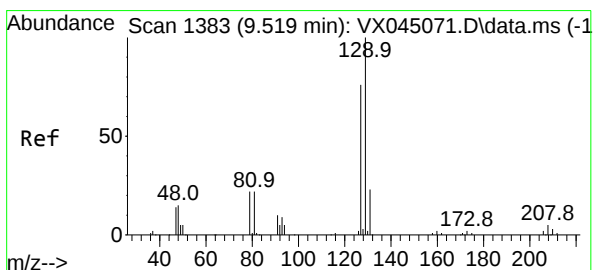
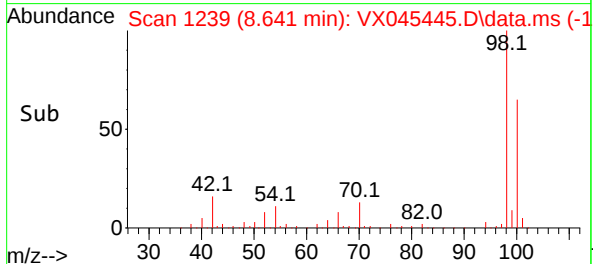
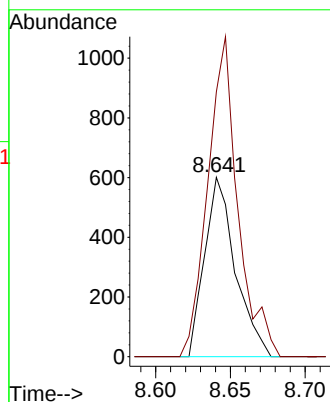
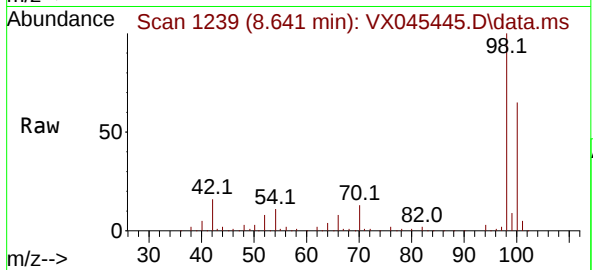
TT17411-20250320

Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

43 100

58 174.9 29.2 43.8#



#60

Dibromochloromethane

Concen: 0.366 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.238 min

Lab File: VX045445.D

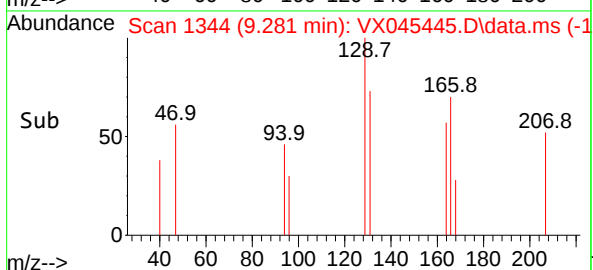
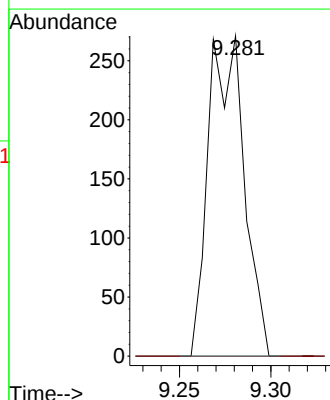
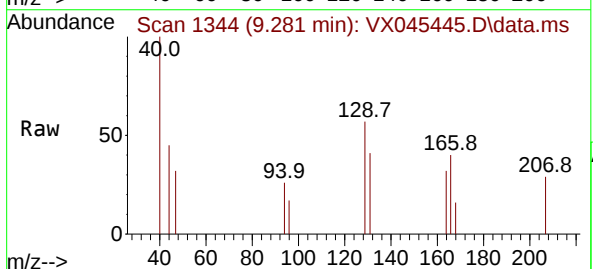
Acq: 25 Mar 2025 17:09

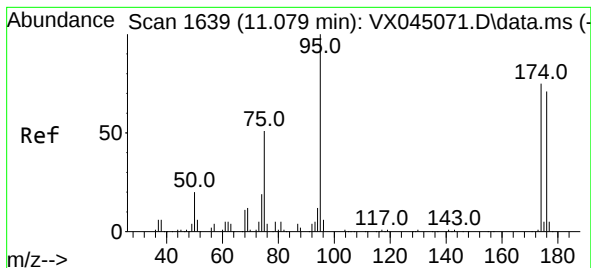
Tgt Ion: 129 Resp: 368

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

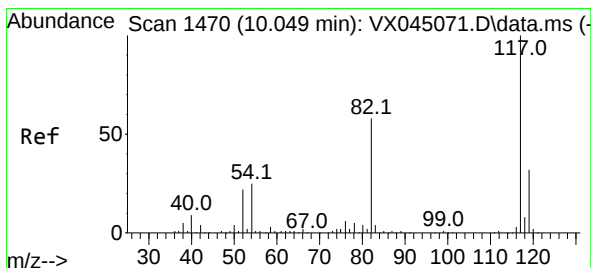
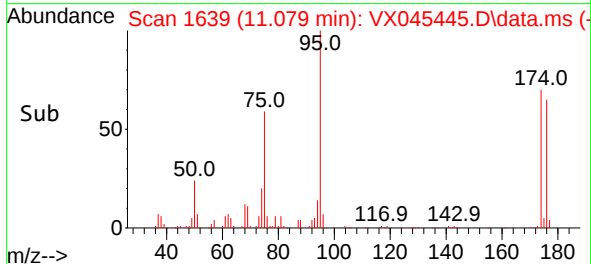
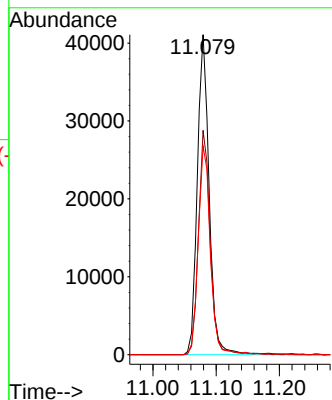
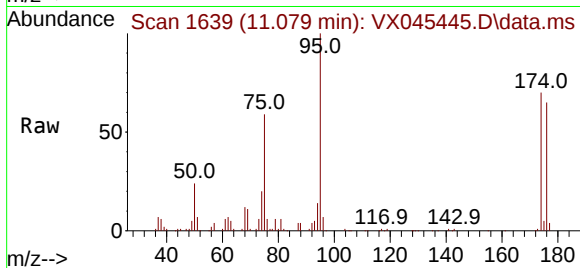




#62
4-Bromofluorobenzene
Concen: 48.493 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

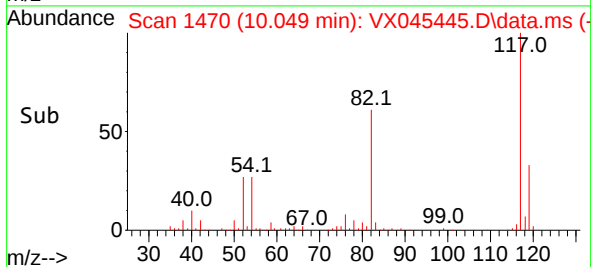
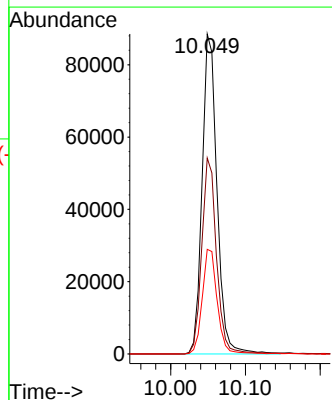
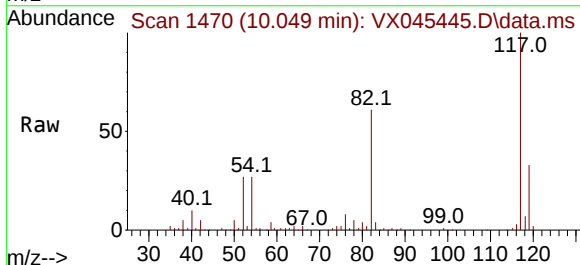
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250320

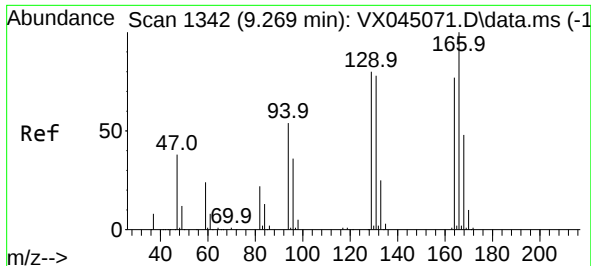
Tgt Ion: 95 Resp: 53583
Ion Ratio Lower Upper
95 100
174 69.8 0.0 148.2
176 66.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Tgt Ion: 117 Resp: 122364
Ion Ratio Lower Upper
117 100
82 61.2 46.3 69.5
119 32.7 25.7 38.5



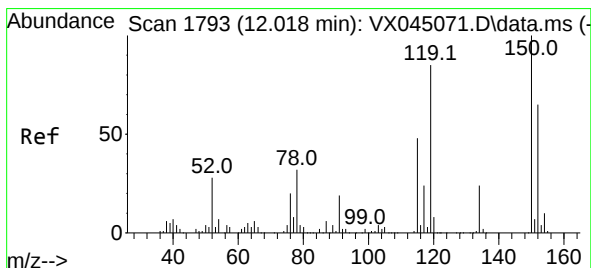
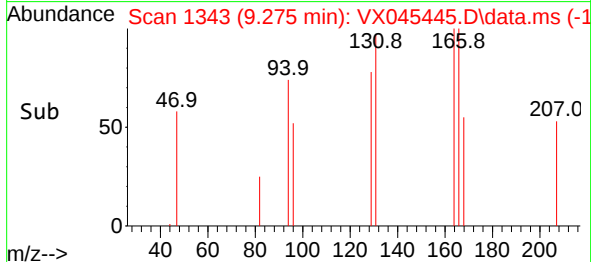
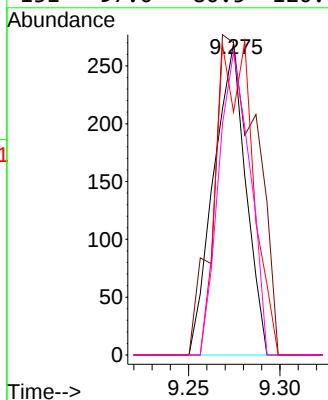
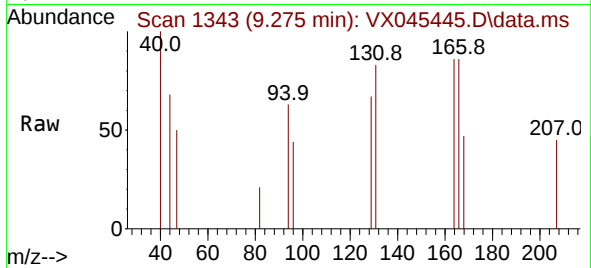


#64
Tetrachloroethene
Concen: 0.421 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250320

Tgt Ion:164 Resp: 330

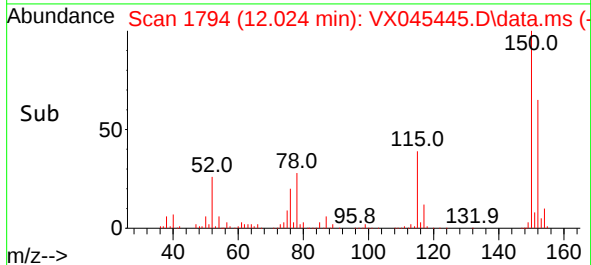
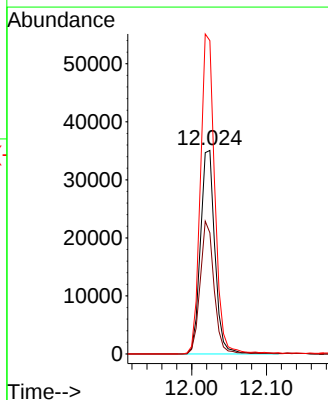
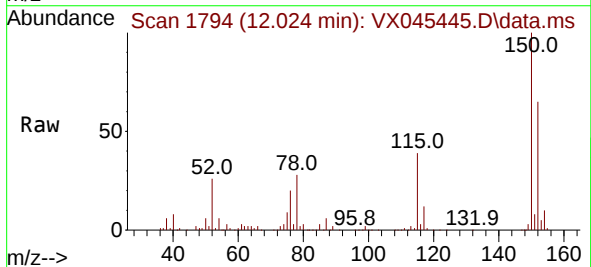
Ion	Ratio	Lower	Upper
164	100		
166	100.0	103.6	155.4#
129	77.8	82.7	124.1#
131	97.0	80.5	120.7

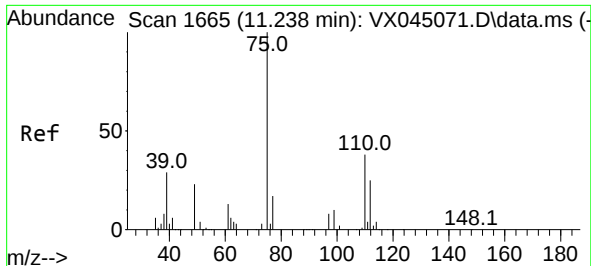


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Tgt Ion:152 Resp: 47236

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.2	132.6
150	156.4	0.0	349.0

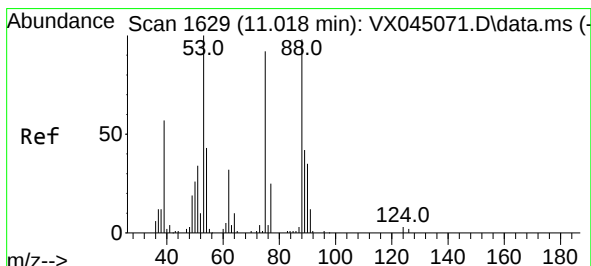
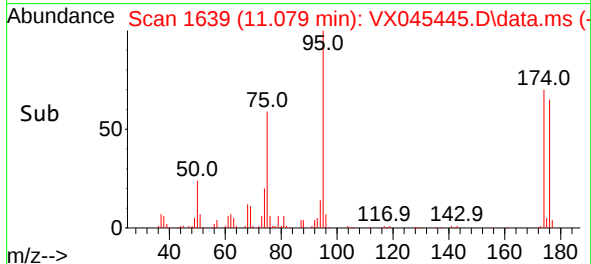
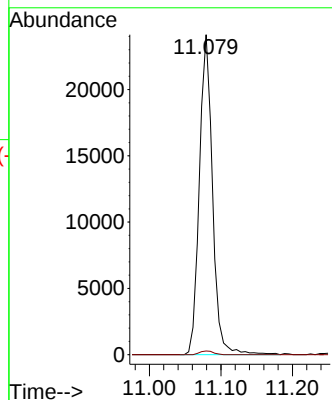
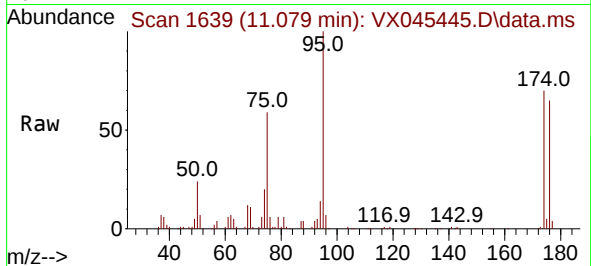




#76
1,2,3-Trichloropropane
Concen: 28.017 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20250320

Tgt Ion: 75 Resp: 30802
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.878 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045445.D
Acq: 25 Mar 2025 17:09

Tgt Ion: 75 Resp: 30802
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

