

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045814.D
 Acq On : 16 Apr 2025 17:41
 Operator : JC/MD
 Sample : Q1822-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-WTS-06

Quant Time: Apr 17 01:38:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

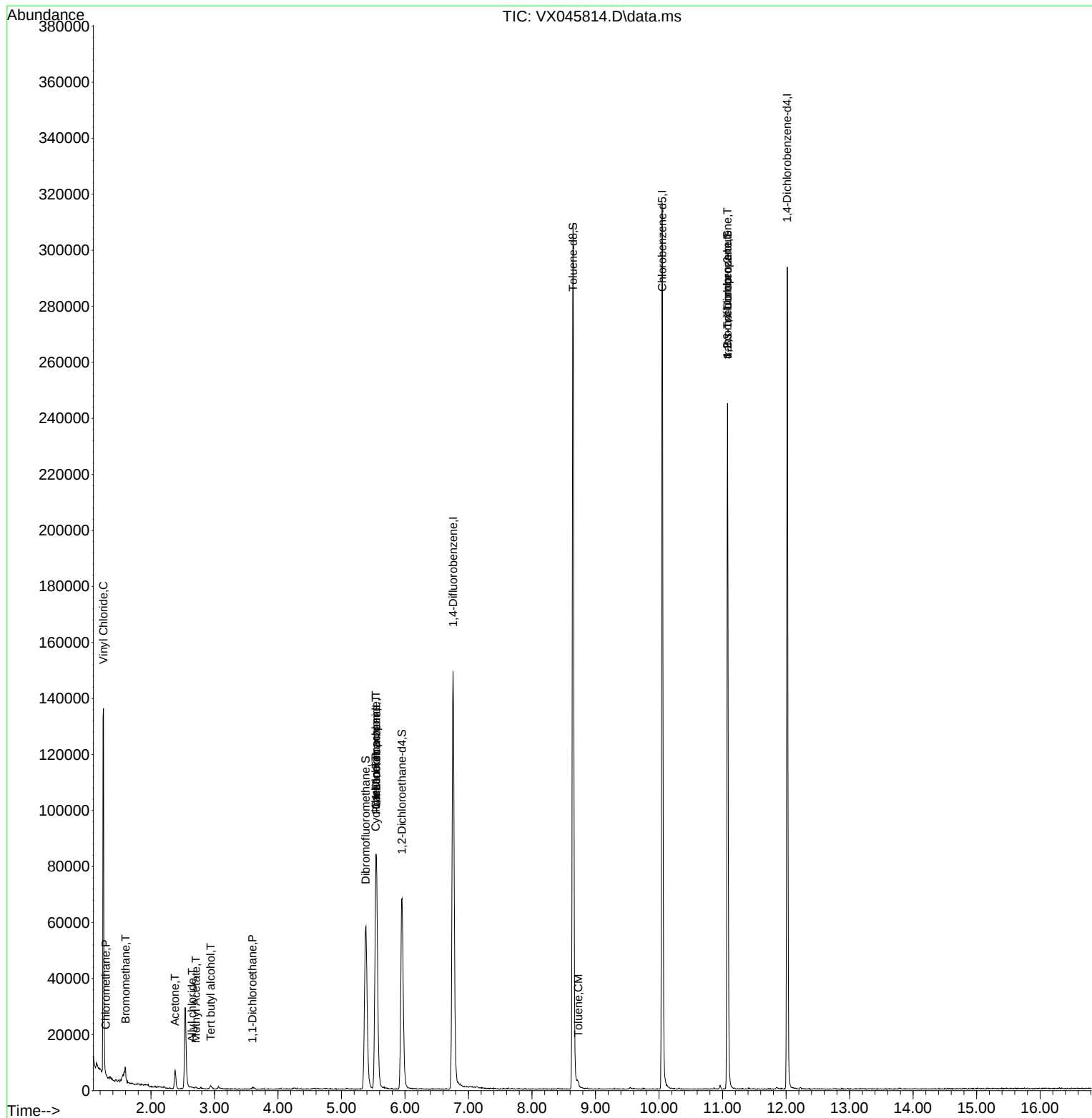
Internal Standards						
1) Pentafluorobenzene	5.550	168	71191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70707	54.311	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.620%			
35) Dibromofluoromethane	5.379	113	50497	50.331	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	8.647	98	176295	50.343	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	64264	50.381	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.760%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	555	0.507	ug/l	98
4) Vinyl Chloride	1.252	62	1171	1.170	ug/l #	43
5) Bromomethane	1.599	94	591	1.245	ug/l #	66
11) Tert butyl alcohol	2.941	59	599	3.424	ug/l #	72
14) Allyl chloride	2.648	41	353	0.218	ug/l #	57
16) Acetone	2.380	43	7434	13.906	ug/l	97
18) Methyl Acetate	2.709	43	841	0.683	ug/l #	64
24) 1,1-Dichloroethane	3.599	63	895	0.495	ug/l #	83
31) Cyclohexane	5.538	56	2207	1.382	ug/l #	45
36) 1,1-Dichloropropene	5.544	75	6953	5.133	ug/l #	51
38) Carbon Tetrachloride	5.544	117	8393	5.733	ug/l #	15
52) Toluene	8.726	92	641	0.256	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	37822	29.323	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37822	99.520	ug/l #	1

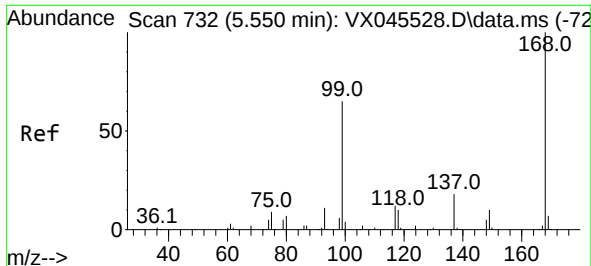
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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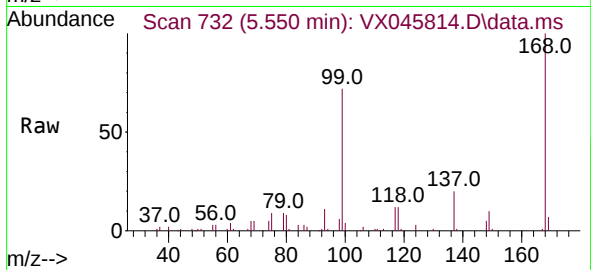
Quant Time: Apr 17 01:38:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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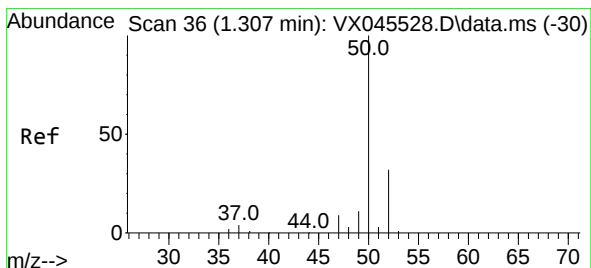
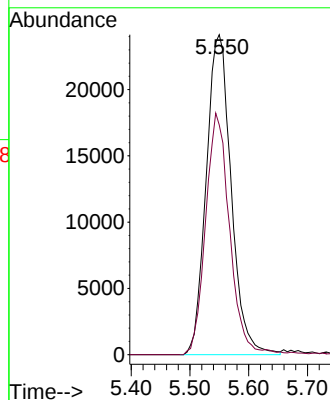
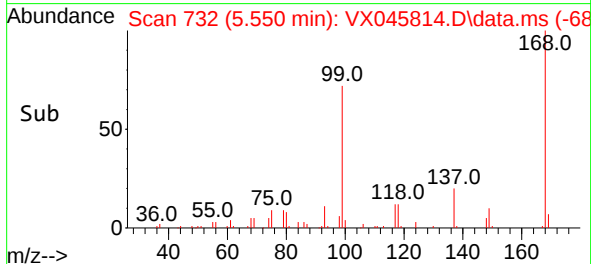


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-06

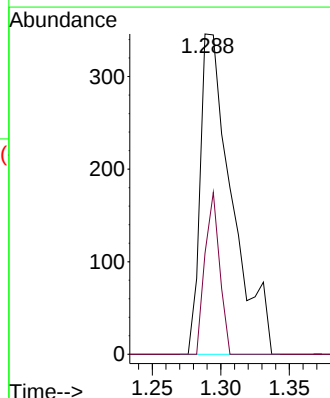
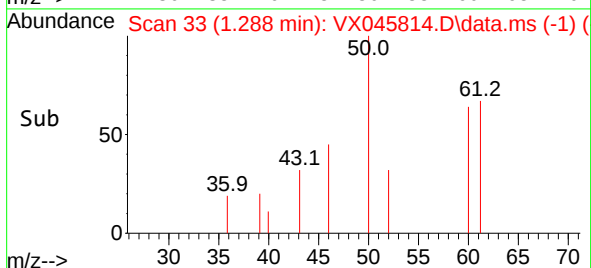
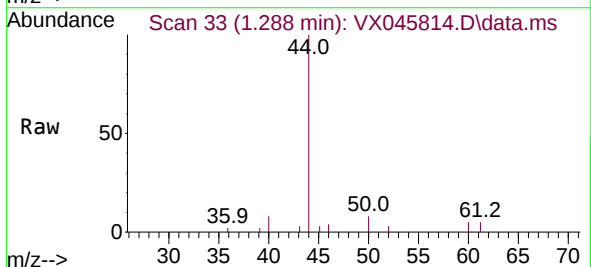


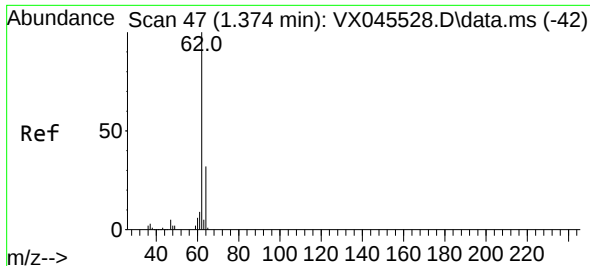
Tgt Ion:168 Resp: 71191
Ion Ratio Lower Upper
168 100
99 71.8 52.3 78.5



#3
Chloromethane
Concen: 0.507 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.018 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

Tgt Ion: 50 Resp: 555
Ion Ratio Lower Upper
50 100
52 31.5 25.9 38.9

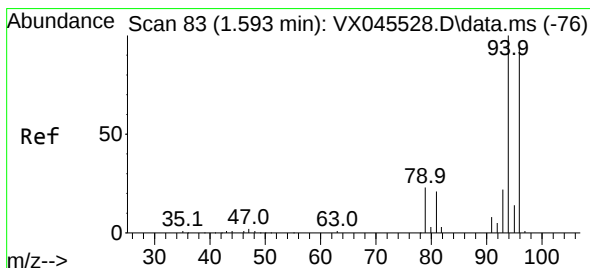
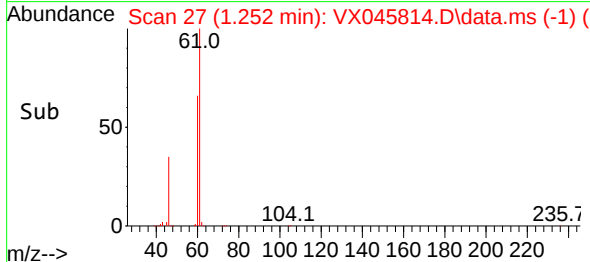
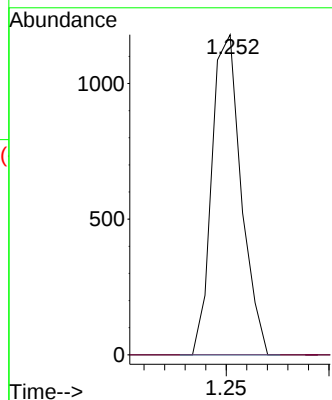
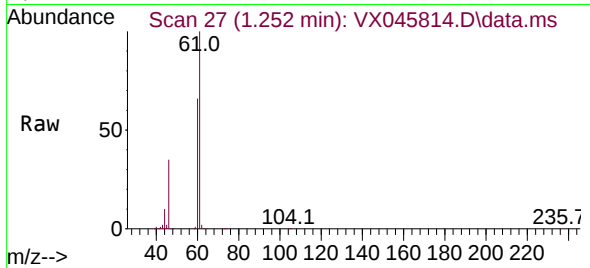




#4
 Vinyl Chloride
 Concen: 1.170 ug/l
 RT: 1.252 min Scan# 21
 Delta R.T. -0.122 min
 Lab File: VX045814.D
 Acq: 16 Apr 2025 17:41

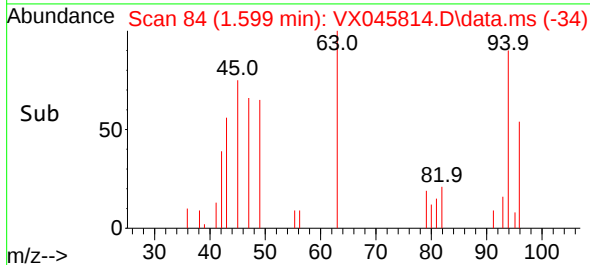
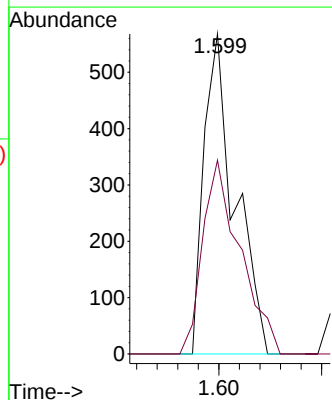
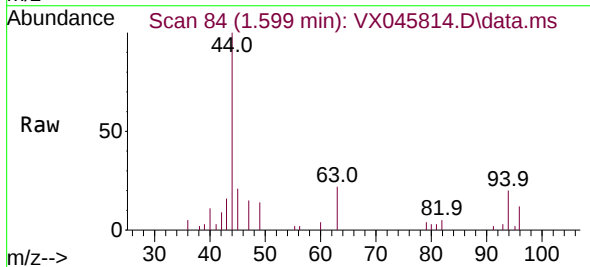
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-WTS-06

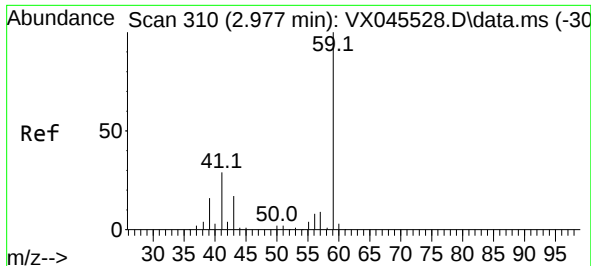
Tgt Ion: 62 Resp: 1171
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.5 38.3#



#5
 Bromomethane
 Concen: 1.245 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: VX045814.D
 Acq: 16 Apr 2025 17:41

Tgt Ion: 94 Resp: 591
 Ion Ratio Lower Upper
 94 100
 96 60.6 74.8 112.2#





#11

Tert butyl alcohol

Concen: 3.424 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX045814.D

Acq: 16 Apr 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

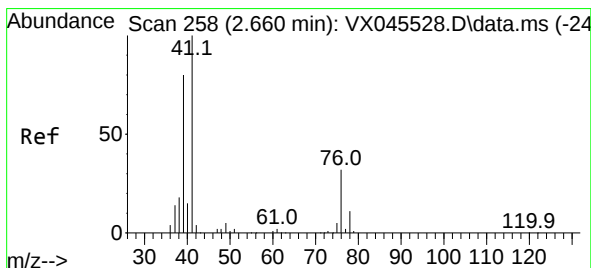
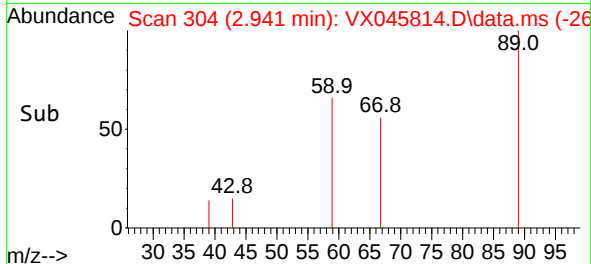
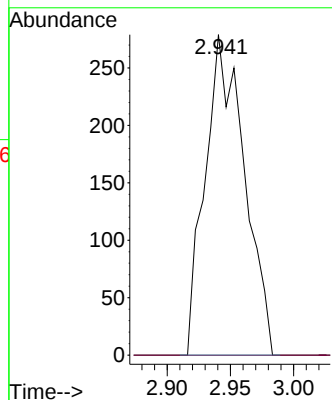
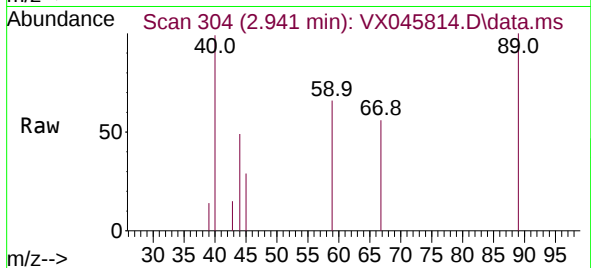
TW-WTS-06

Tgt Ion: 59 Resp: 599

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#14

Allyl chloride

Concen: 0.218 ug/l

RT: 2.648 min Scan# 256

Delta R.T. -0.012 min

Lab File: VX045814.D

Acq: 16 Apr 2025 17:41

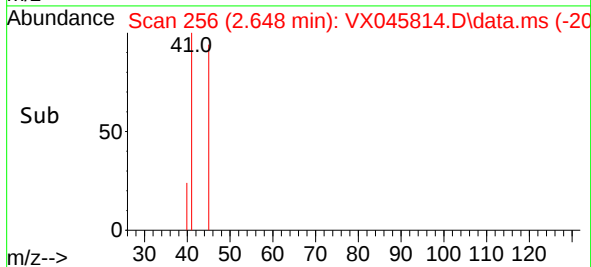
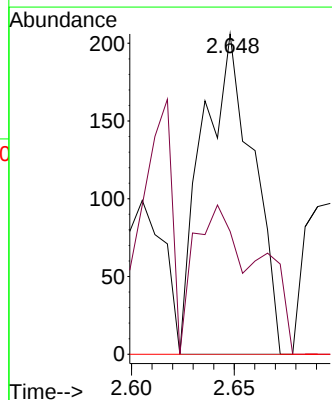
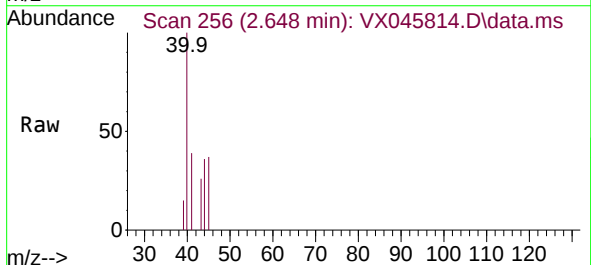
Tgt Ion: 41 Resp: 353

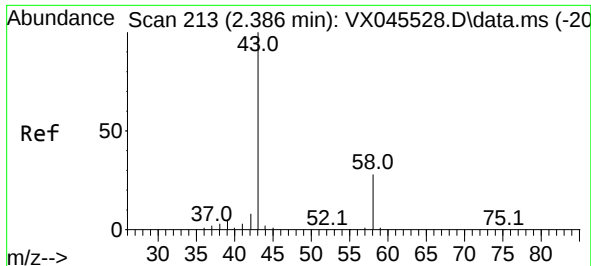
Ion Ratio Lower Upper

41 100

39 42.5 60.2 90.2#

76 0.0 24.6 36.8#

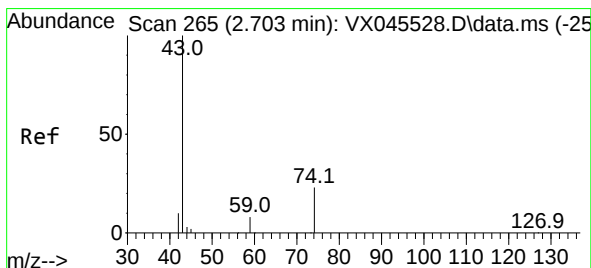
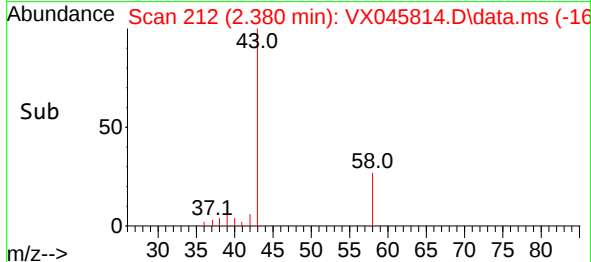
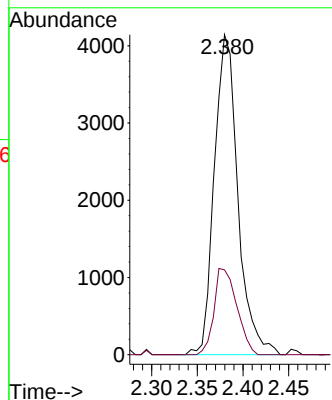
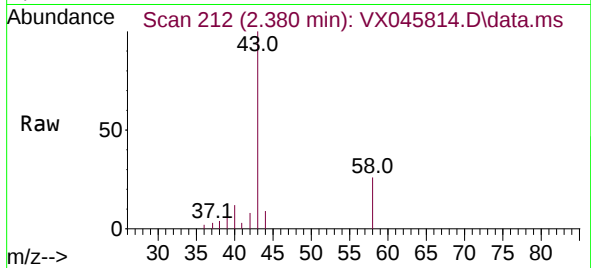




#16
Acetone
Concen: 13.906 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

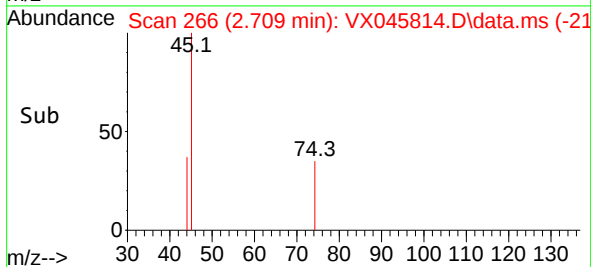
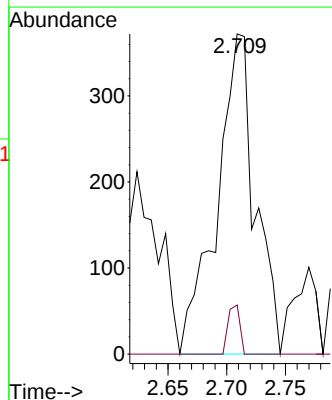
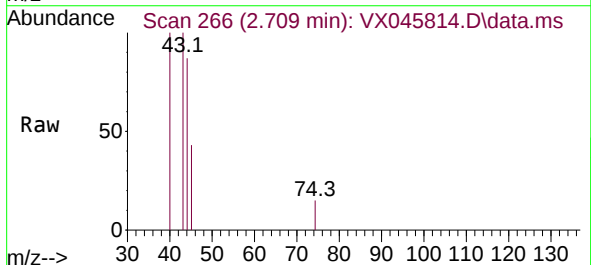
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-06

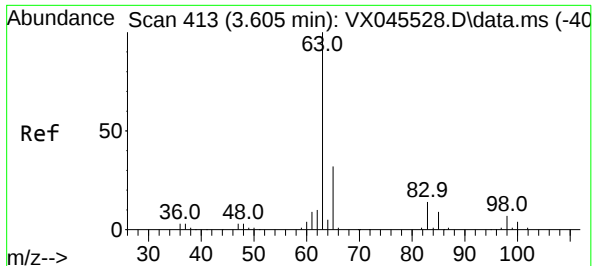
Tgt Ion: 43 Resp: 7434
Ion Ratio Lower Upper
43 100
58 26.5 22.3 33.5



#18
Methyl Acetate
Concen: 0.683 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
74 4.8 17.5 26.3#

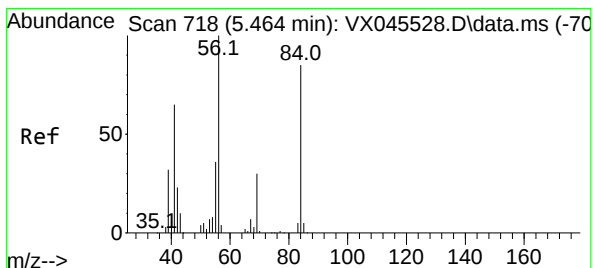
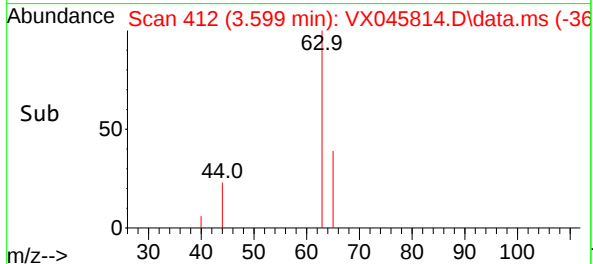
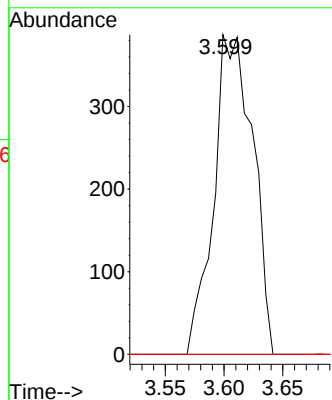
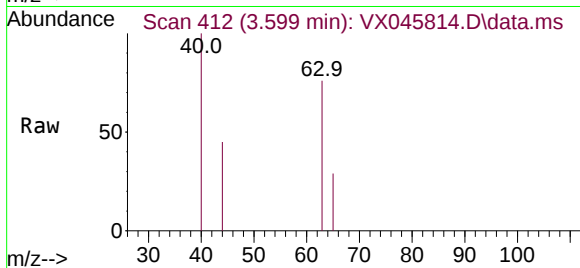




#24
1,1-Dichloroethane
Concen: 0.495 ug/l
RT: 3.599 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

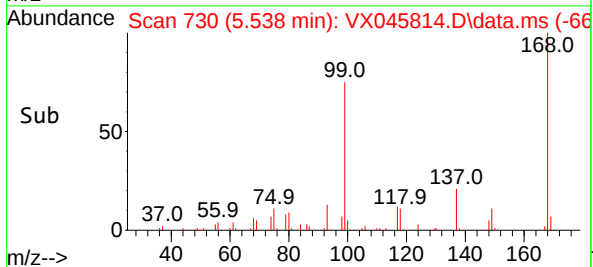
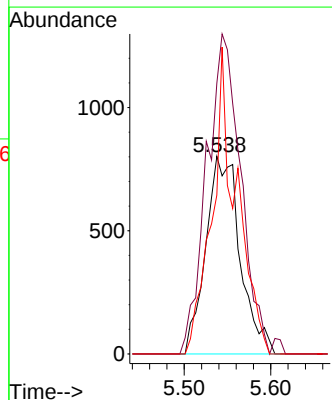
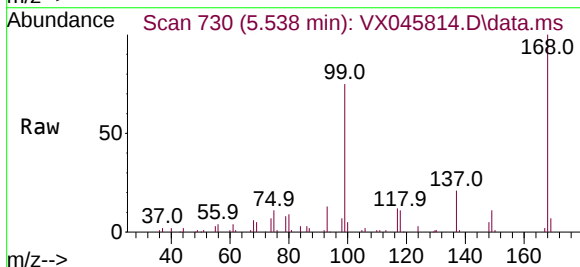
Instrument :
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TW-WTS-06

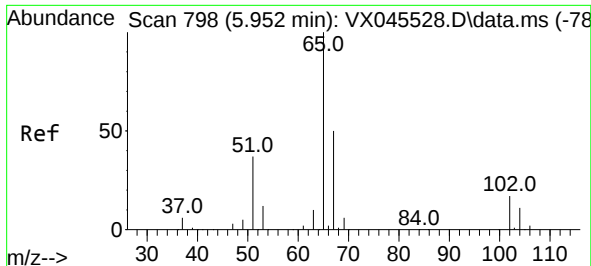
Tgt Ion: 63 Resp: 895
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.1#
100 0.0 2.2 6.6#



#31
Cyclohexane
Concen: 1.382 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

Tgt Ion: 56 Resp: 2207
Ion Ratio Lower Upper
56 100
69 137.0 23.6 35.4#
84 80.4 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.311 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045814.D

Acq: 16 Apr 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

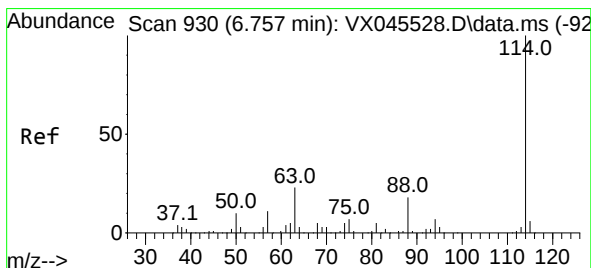
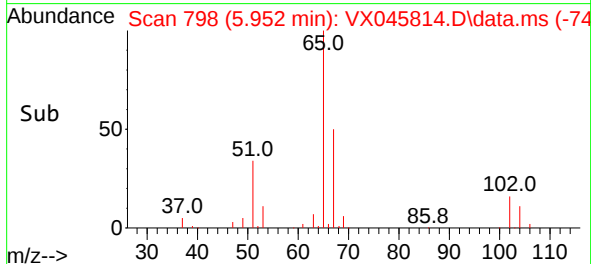
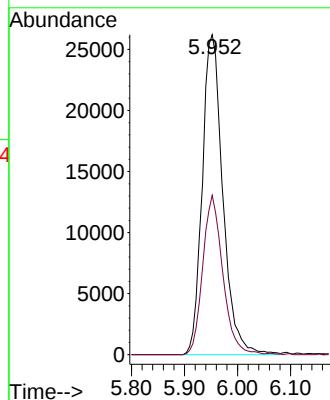
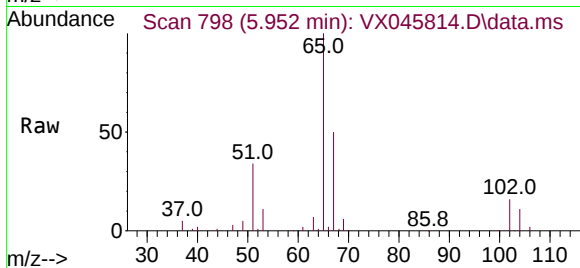
TW-WTS-06

Tgt Ion: 65 Resp: 70707

Ion Ratio Lower Upper

65 100

67 48.5 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: VX045814.D

Acq: 16 Apr 2025 17:41

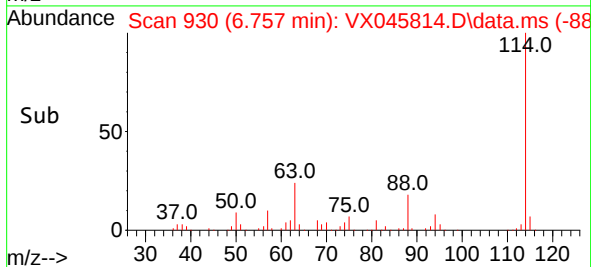
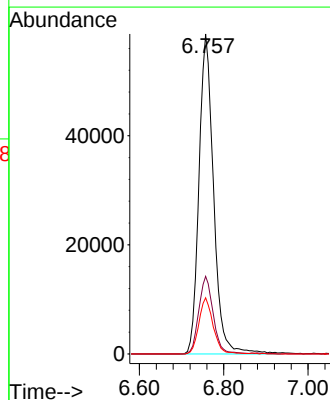
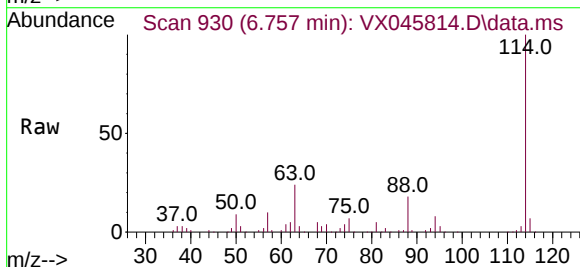
Tgt Ion: 114 Resp: 141409

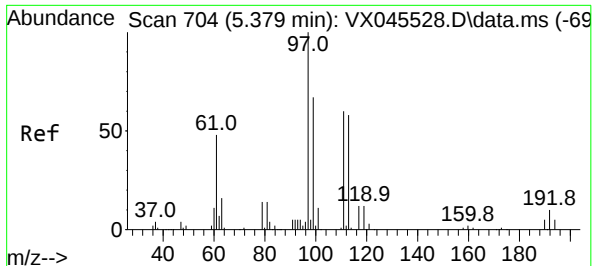
Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

88 17.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.331 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045814.D

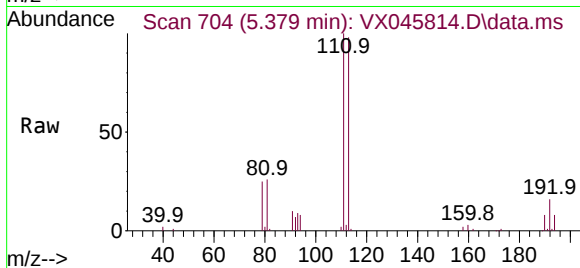
Acq: 16 Apr 2025 17:41

Instrument :

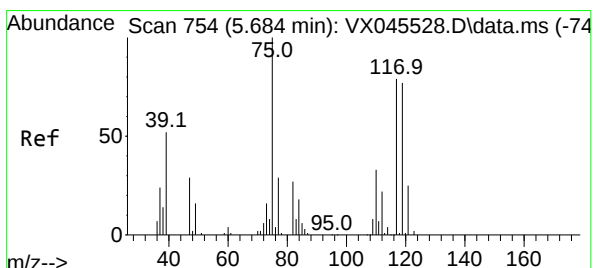
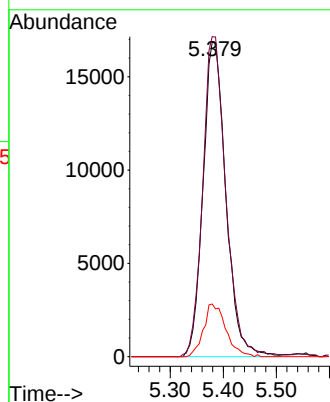
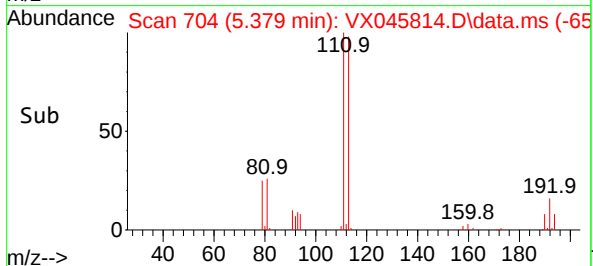
MSVOA_X

ClientSampleId :

TW-WTS-06



Tgt Ion:	113	Resp:	50497
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	16.4	13.8	20.6



#36

1,1-Dichloropropene

Concen: 5.133 ug/l

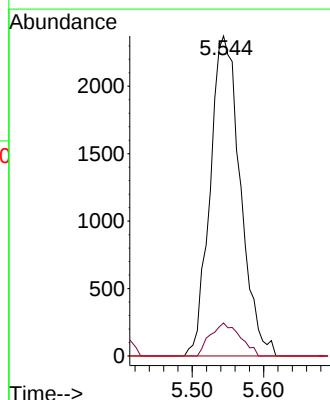
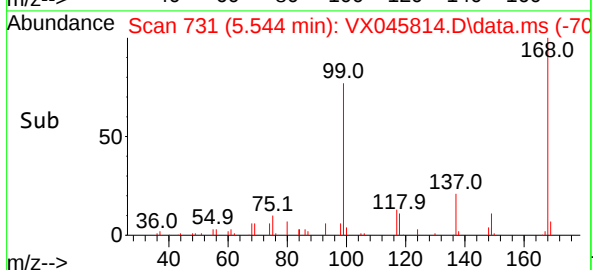
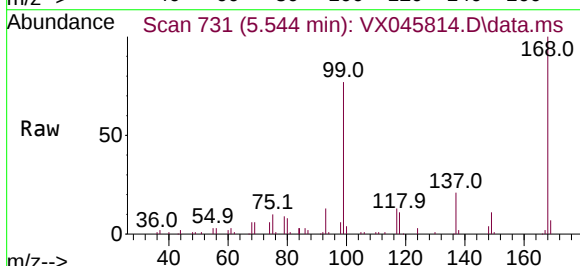
RT: 5.544 min Scan# 731

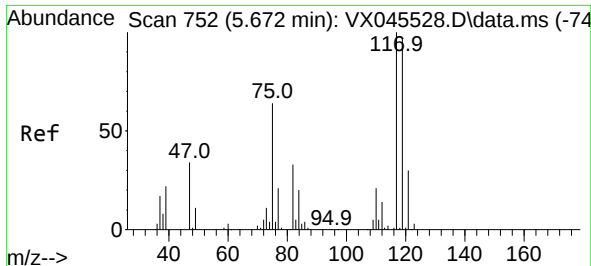
Delta R.T. -0.140 min

Lab File: VX045814.D

Acq: 16 Apr 2025 17:41

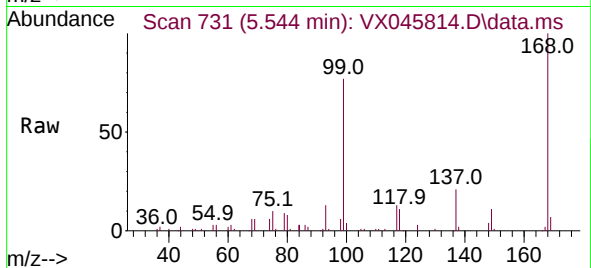
Tgt Ion:	75	Resp:	6953
Ion	Ratio	Lower	Upper
75	100		
110	10.2	16.9	50.6#
77	0.0	25.0	37.4#



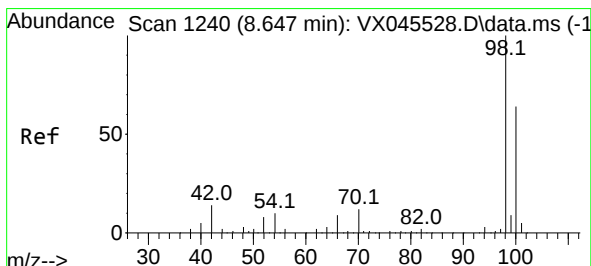
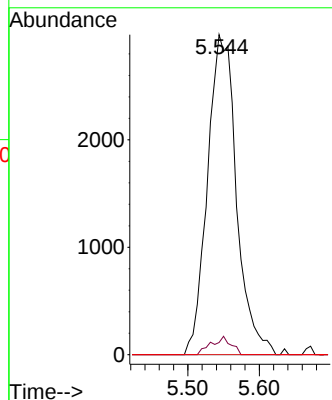
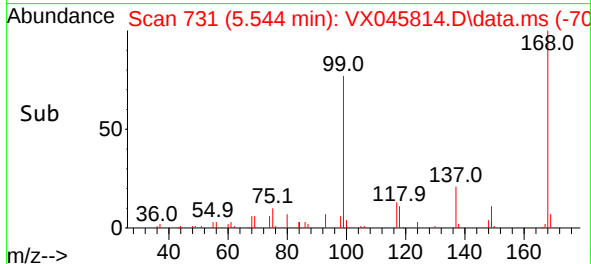


#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-06

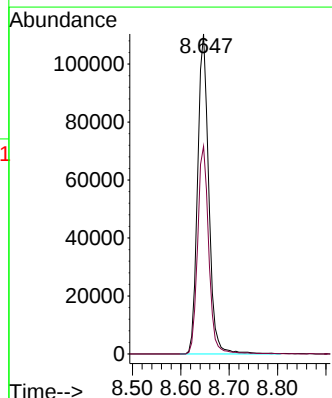
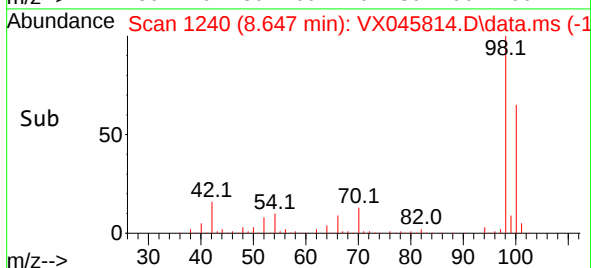
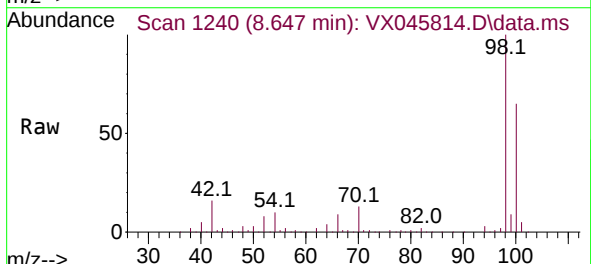


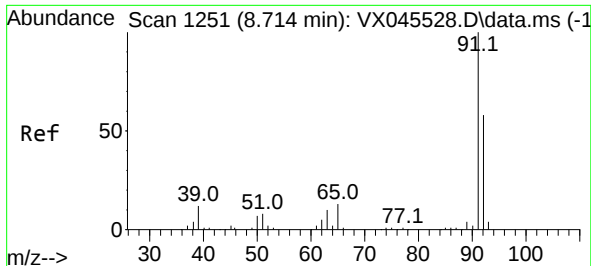
Tgt Ion:117 Resp: 8393
Ion Ratio Lower Upper
117 100
119 3.8 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.343 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

Tgt Ion: 98 Resp: 176295
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

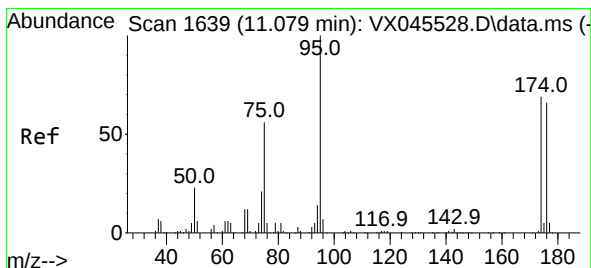
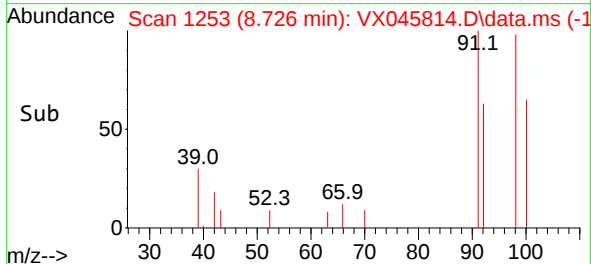
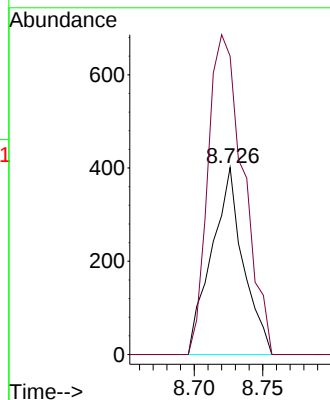
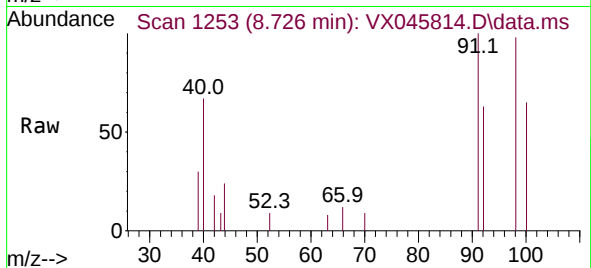




#52
Toluene
Concen: 0.256 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

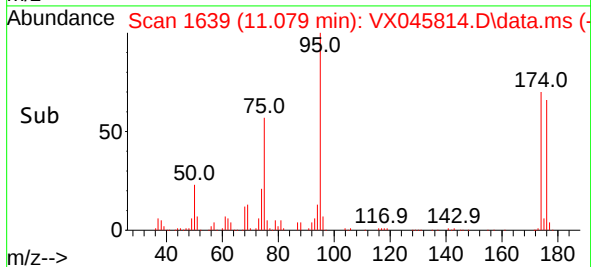
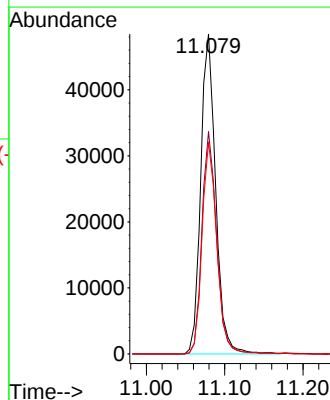
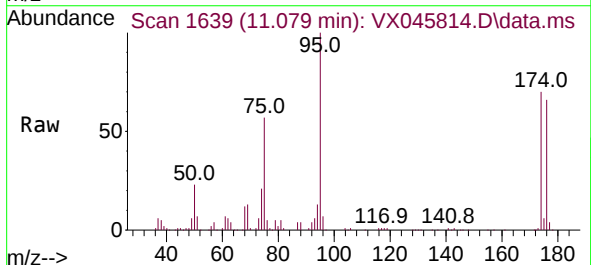
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-06

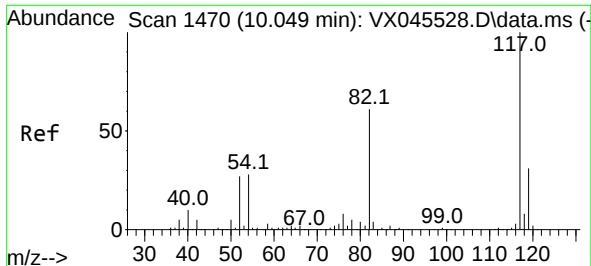
Tgt Ion: 92 Resp: 641
Ion Ratio Lower Upper
92 100
91 192.5 138.7 208.1



#62
4-Bromofluorobenzene
Concen: 50.381 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

Tgt Ion: 95 Resp: 64264
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.3 0.0 131.4

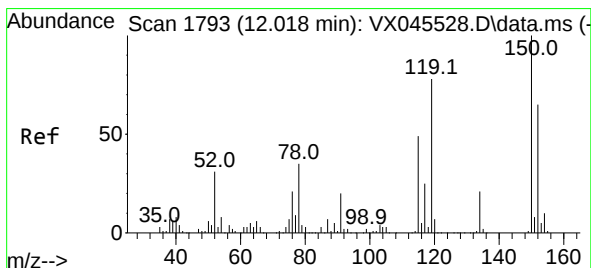
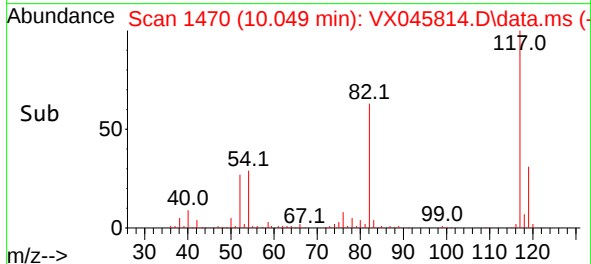
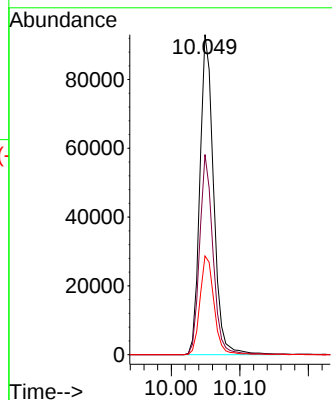
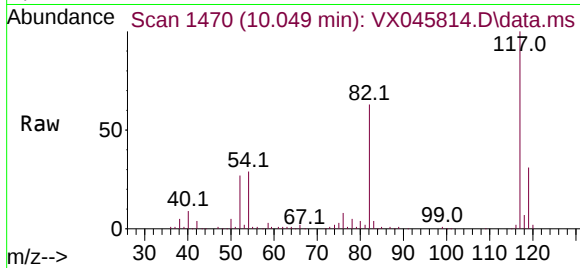




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

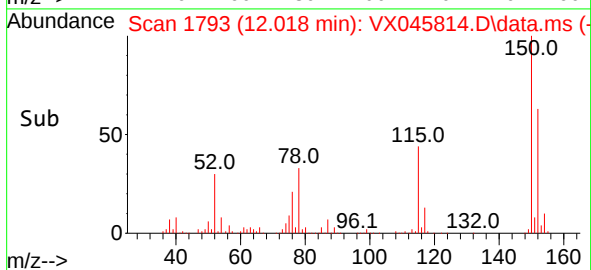
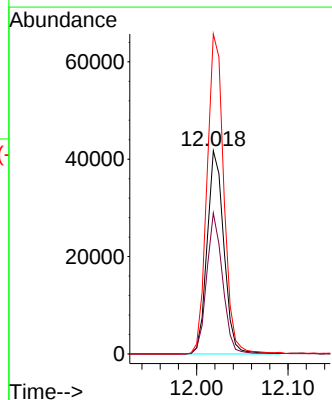
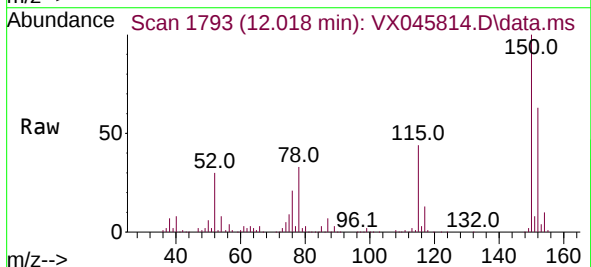
Instrument :
MSVOA_X
ClientSampleId :
TW-WTS-06

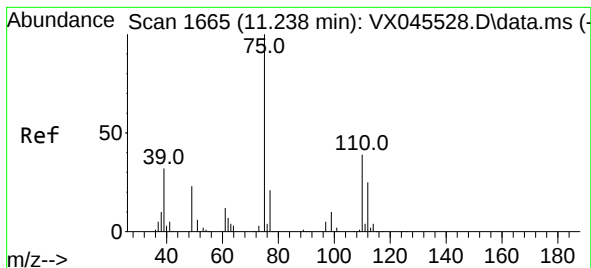
Tgt Ion:117 Resp: 129813
Ion Ratio Lower Upper
117 100
82 62.5 49.2 73.8
119 30.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045814.D
Acq: 16 Apr 2025 17:41

Tgt Ion:152 Resp: 52878
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 158.5 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 29.323 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX045814.D

Acq: 16 Apr 2025 17:41

Instrument :

MSVOA_X

ClientSampleId :

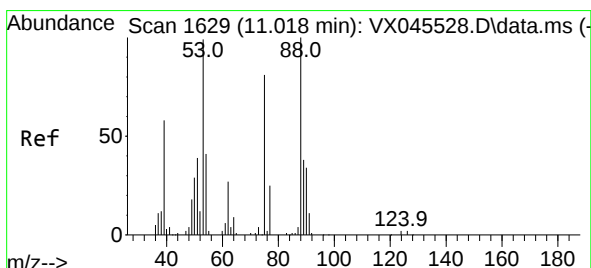
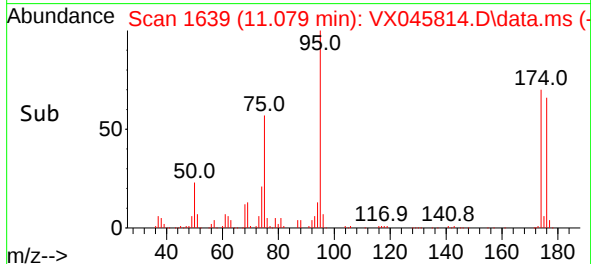
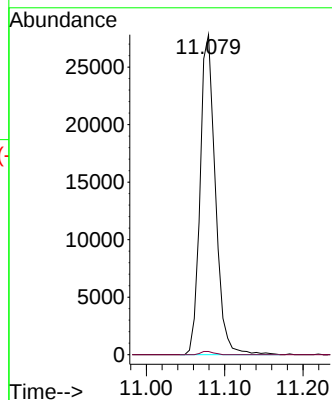
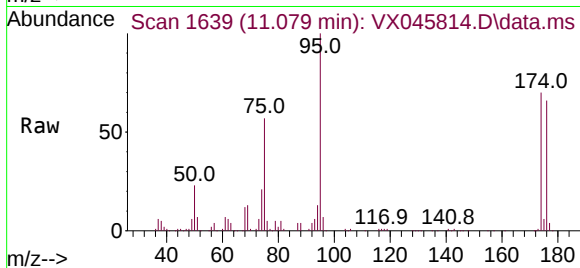
TW-WTS-06

Tgt Ion: 75 Resp: 37822

Ion Ratio Lower Upper

75 100

77 0.9 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 99.520 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045814.D

Acq: 16 Apr 2025 17:41

Tgt Ion: 75 Resp: 37822

Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

