

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035909.D
 Acq On : 30 May 2023 16:24
 Operator : JC/MD
 Sample : 02957-01
 Misc : 4.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9-0A

Quant Time: May 31 05:48:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

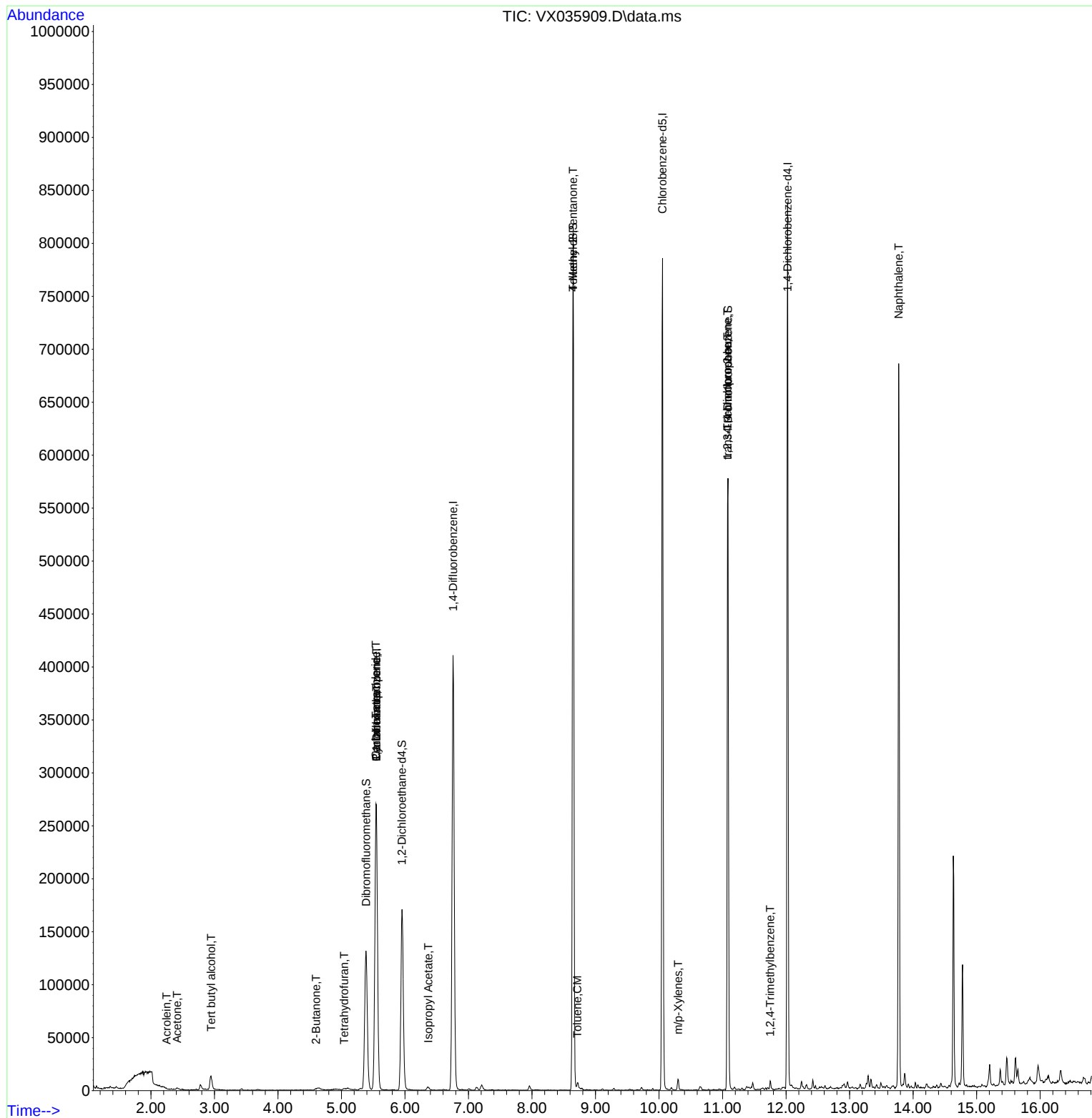
Internal Standards						
1) Pentafluorobenzene	5.550	168	238925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	395784	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169549	39.933	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.860%		
35) Dibromofluoromethane	5.385	113	114978	42.292	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.580%		
50) Toluene-d8	8.647	98	461378	46.242	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.480%		
62) 4-Bromofluorobenzene	11.085	95	177393	45.127	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.260%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	9374	12.678	ug/l #	81
13) Acrolein	2.245	56	202	0.275	ug/l #	14
16) Acetone	2.410	43	2418	1.411	ug/l #	88
25) 2-Butanone	4.599	43	3169	1.278	ug/l	92
29) Tetrahydrofuran	5.044	42	1459	0.910	ug/l #	75
31) Cyclohexane	5.550	56	5816	1.153	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21696	5.256	ug/l #	51
38) Carbon Tetrachloride	5.544	117	27308	7.018	ug/l #	17
43) Isopropyl Acetate	6.367	43	1609	0.225	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	2333	0.523	ug/l #	1
52) Toluene	8.714	92	2539	0.350	ug/l	97
68) m/p-Xylenes	10.299	106	2514	0.498	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	95259	23.092	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	95259	72.964	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.750	105	3293	0.288	ug/l	99
95) Naphthalene	13.774	128	403580	34.655	ug/l	100

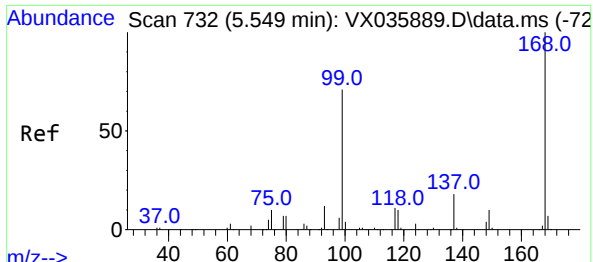
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
Data File : VX035909.D
Acq On : 30 May 2023 16:24
Operator : JC/MD
Sample : 02957-01
Misc : 4.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

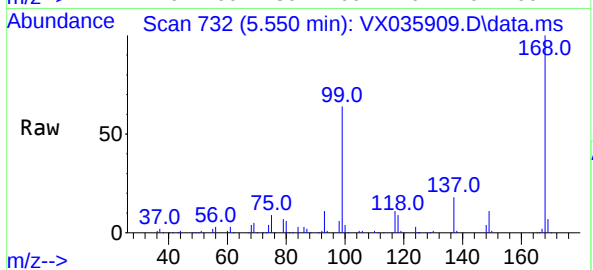
Quant Time: May 31 05:48:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:45:36 2023
Response via : Initial Calibration



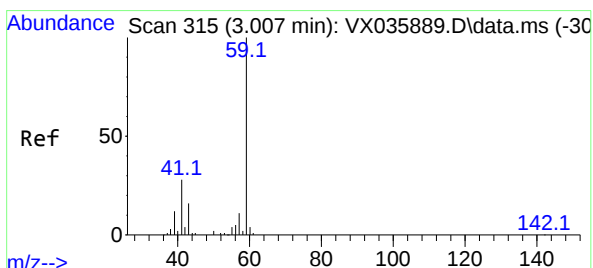
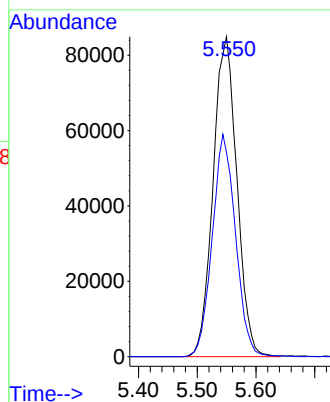
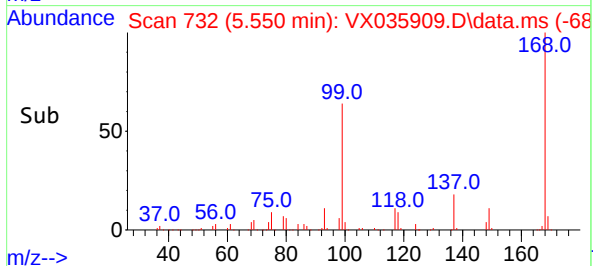


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

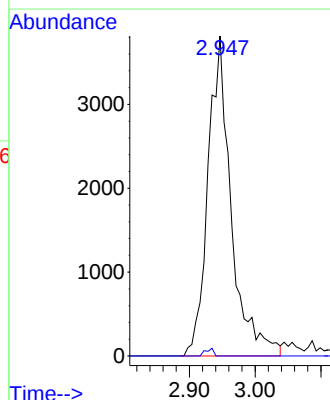
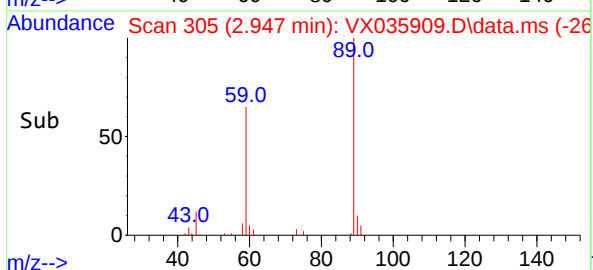
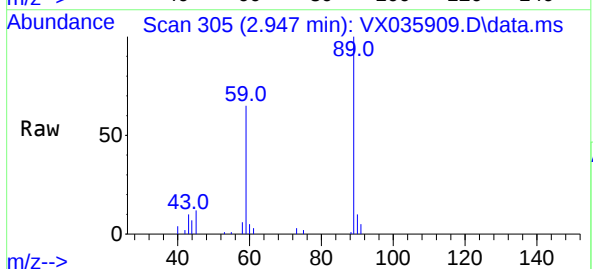


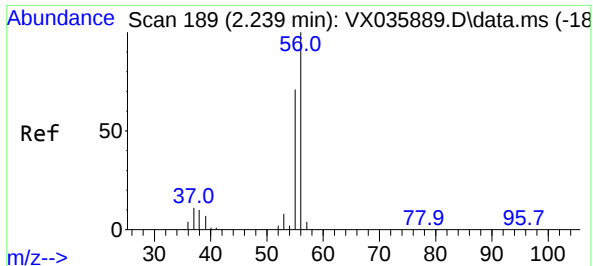
Tgt Ion:168 Resp: 238925
Ion Ratio Lower Upper
168 100
99 63.9 57.0 85.6



#11
Tert butyl alcohol
Concen: 12.678 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion: 59 Resp: 9374
Ion Ratio Lower Upper
59 100
57 0.8 6.0 9.0#

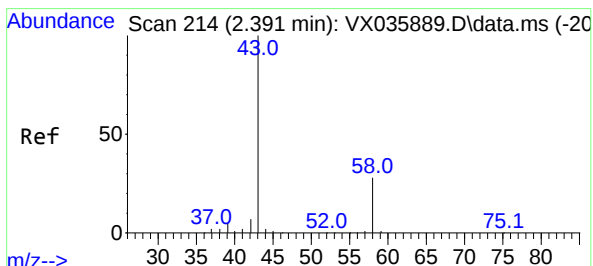
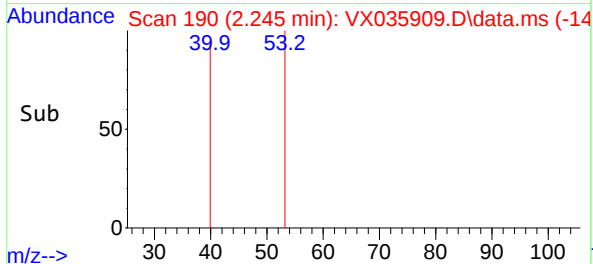
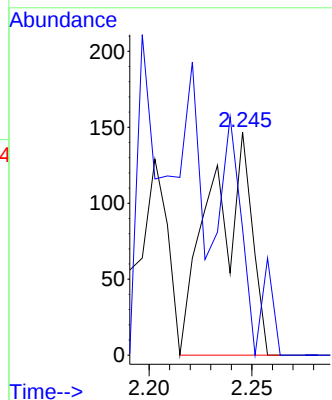
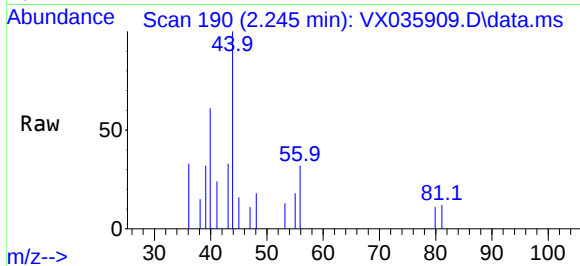




#13
Acrolein
Concen: 0.275 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

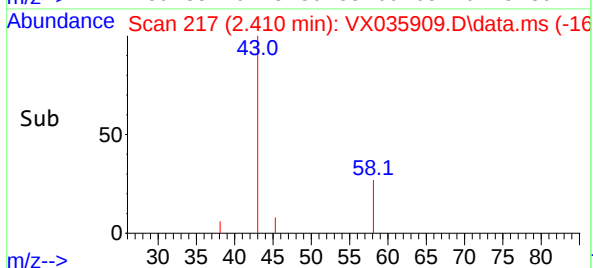
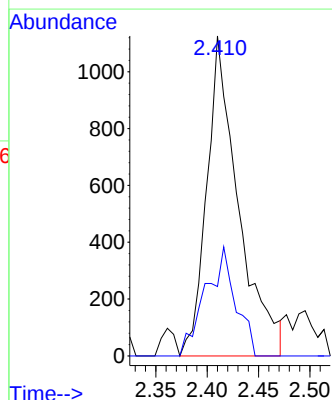
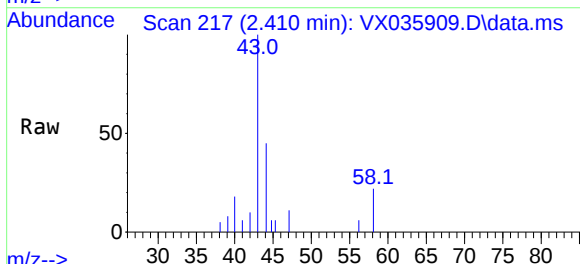
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

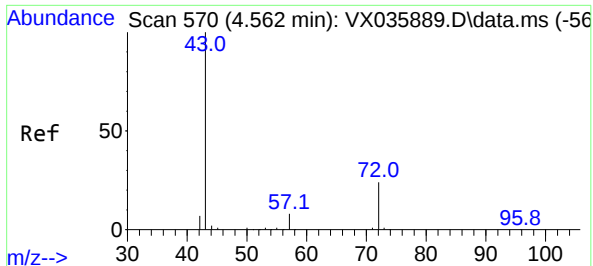
Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#16
Acetone
Concen: 1.411 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.019 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion: 43 Resp: 2418
Ion Ratio Lower Upper
43 100
58 21.7 22.2 33.2#

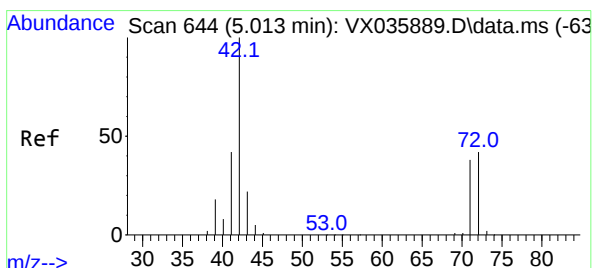
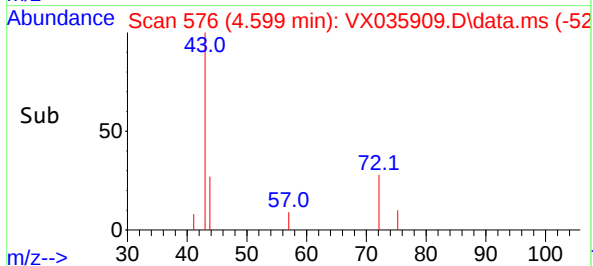
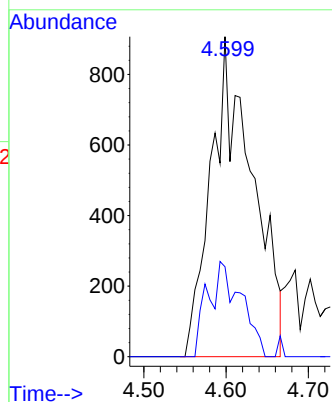
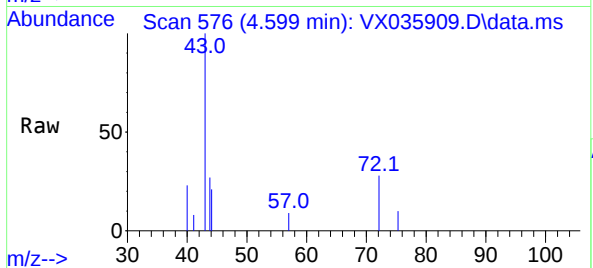




#25
2-Butanone
Concen: 1.278 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

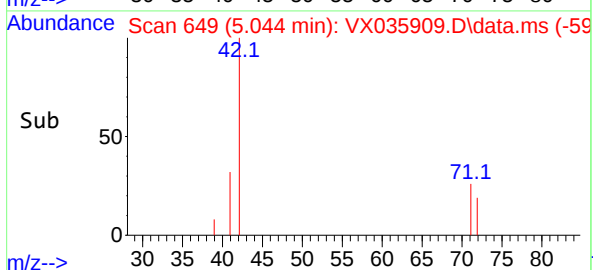
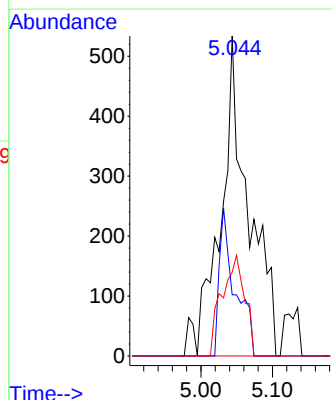
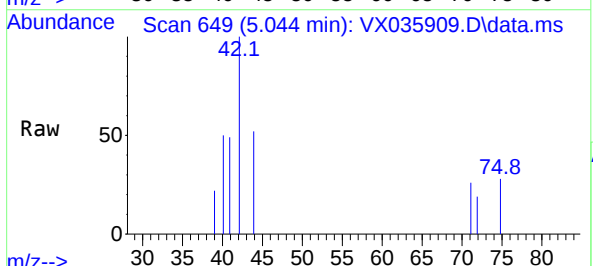
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

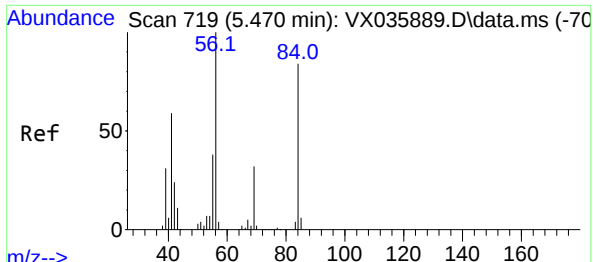
Tgt Ion: 43 Resp: 3169
Ion Ratio Lower Upper
43 100
72 28.1 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.910 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

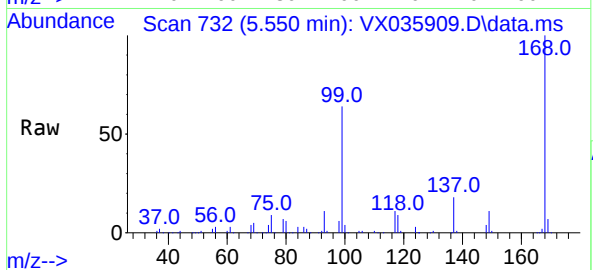
Tgt Ion: 42 Resp: 1459
Ion Ratio Lower Upper
42 100
72 25.9 34.2 51.2#
71 25.4 31.8 47.8#



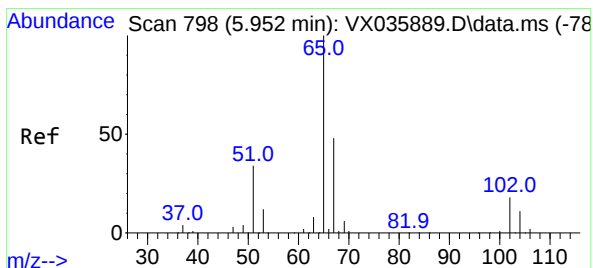
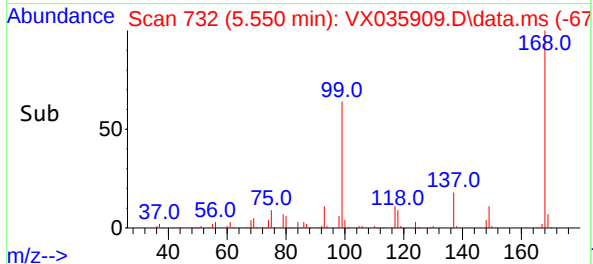
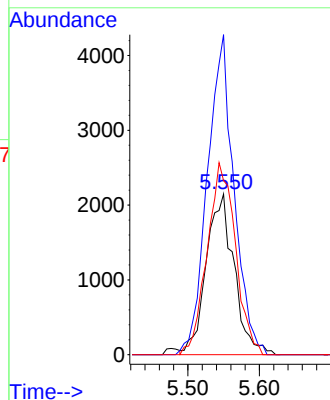


#31
Cyclohexane
Concen: 1.153 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

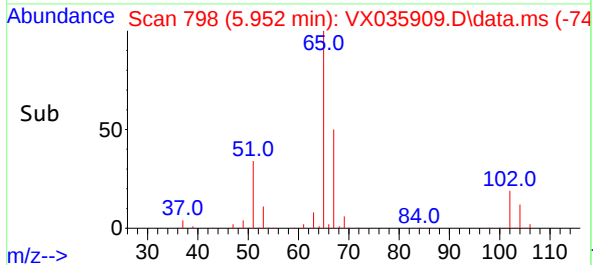
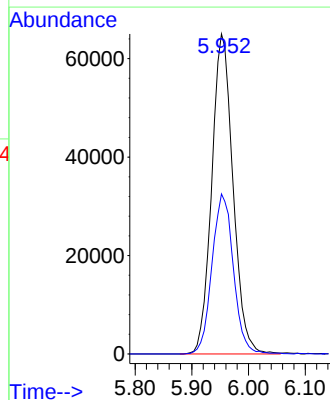
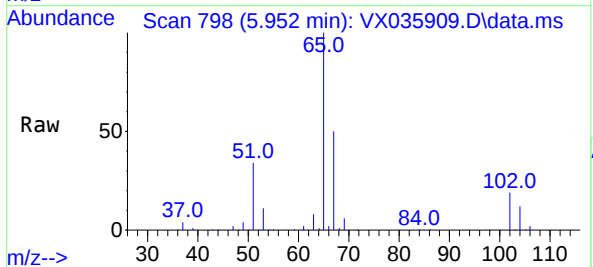


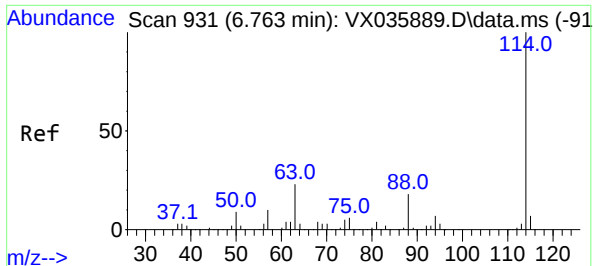
Tgt Ion: 56 Resp: 5816
Ion Ratio Lower Upper
56 100
69 199.2 25.9 38.9#
84 108.3 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 39.933 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion: 65 Resp: 169549
Ion Ratio Lower Upper
65 100
67 50.3 0.0 99.6

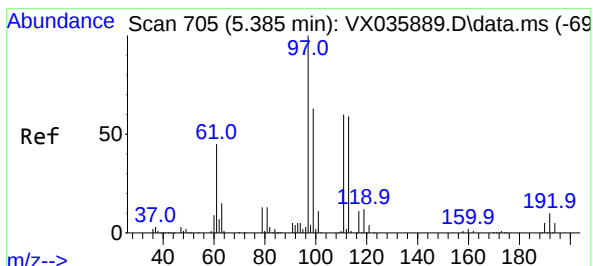
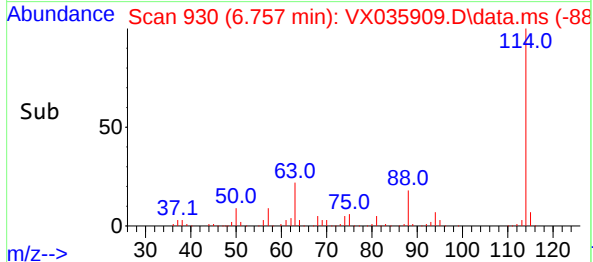
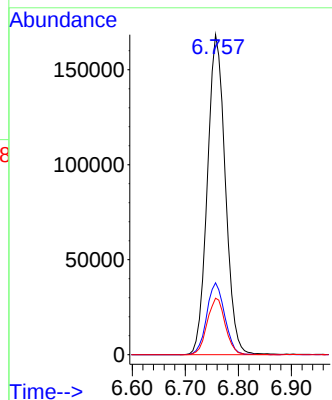
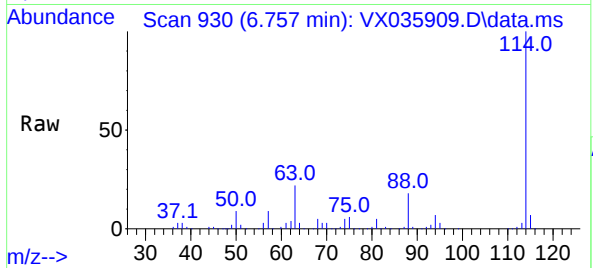




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

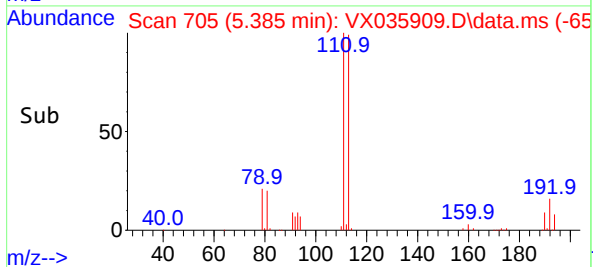
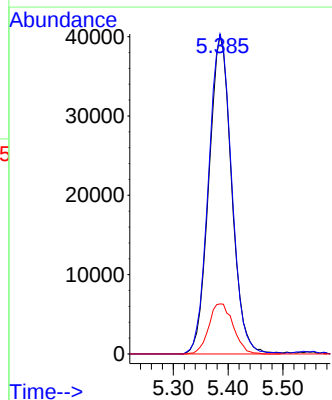
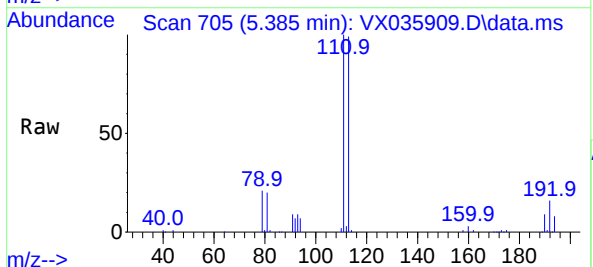
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

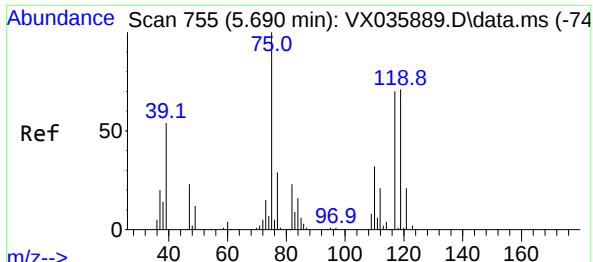
Tgt Ion:114 Resp: 395784
Ion Ratio Lower Upper
114 100
63 22.4 0.0 46.0
88 17.7 0.0 35.2



#35
Dibromofluoromethane
Concen: 42.292 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion:113 Resp: 114978
Ion Ratio Lower Upper
113 100
111 102.7 81.7 122.5
192 17.0 13.5 20.3

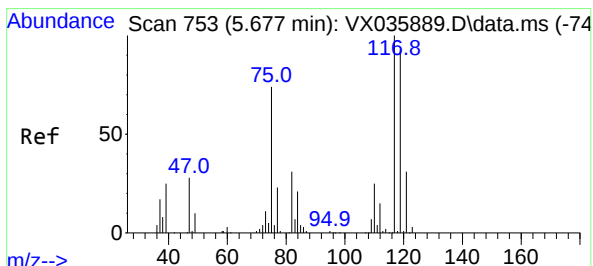
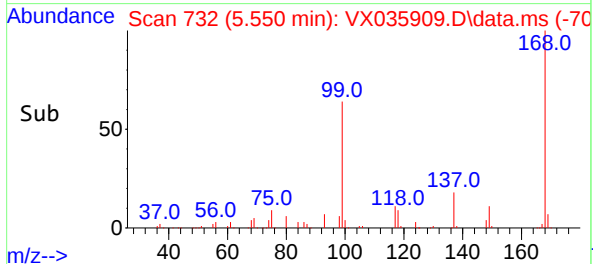
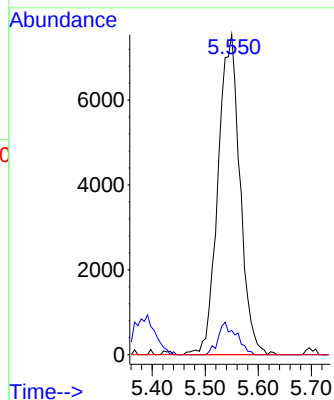
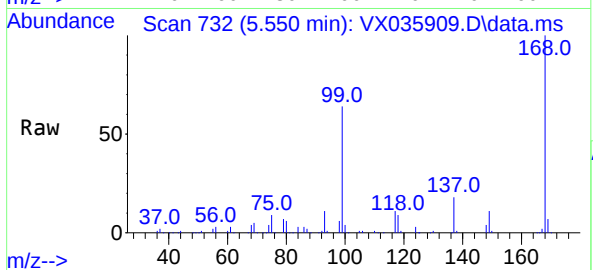




#36
1,1-Dichloropropene
Concen: 5.256 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

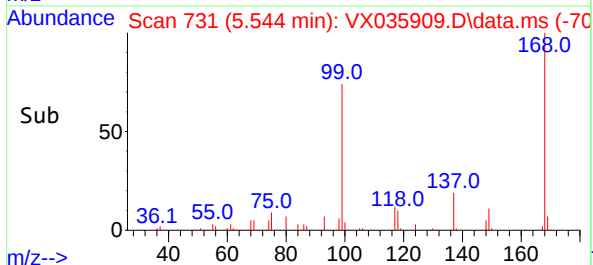
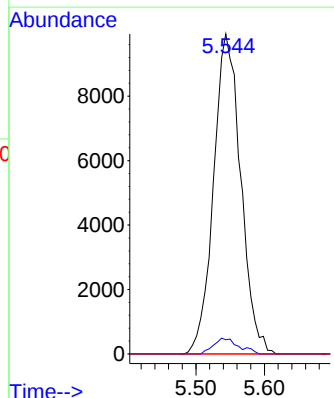
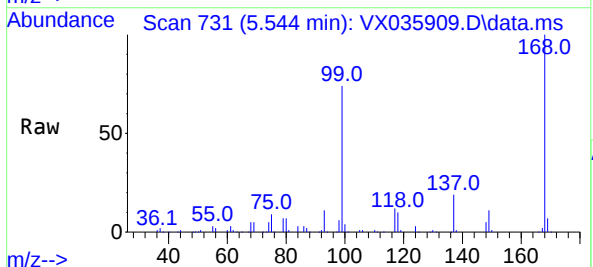
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

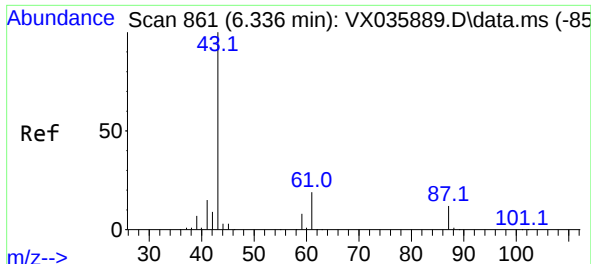
Tgt Ion: 75 Resp: 21696
Ion Ratio Lower Upper
75 100
110 8.4 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.018 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion: 117 Resp: 27308
Ion Ratio Lower Upper
117 100
119 4.5 74.1 111.1#
121 0.0 25.0 37.4#

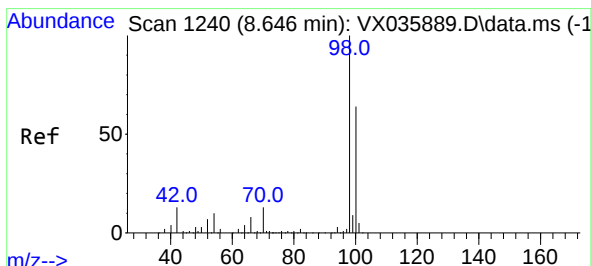
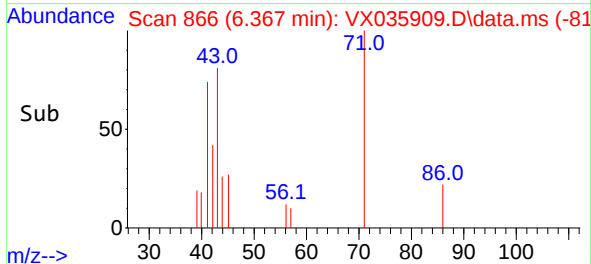
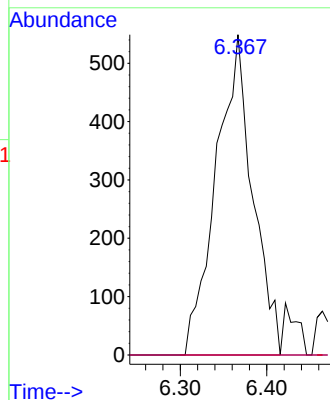
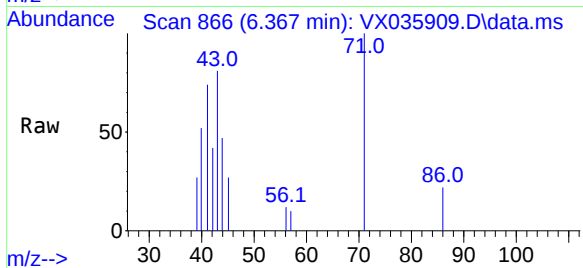




#43
Isopropyl Acetate
Concen: 0.225 ug/l
RT: 6.367 min Scan# 861
Delta R.T. 0.031 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

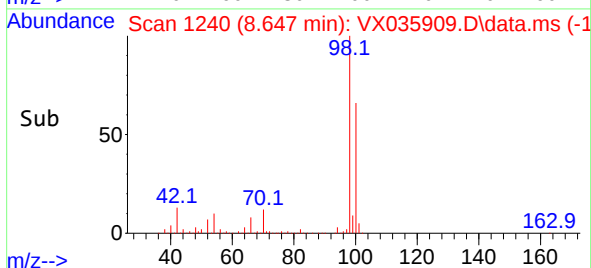
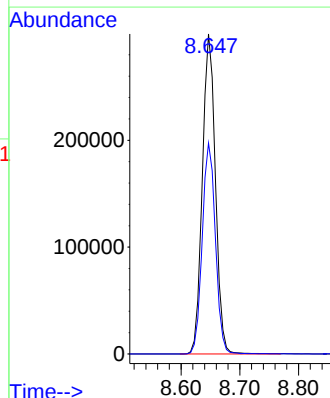
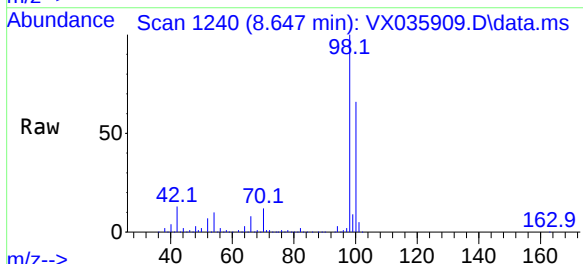
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

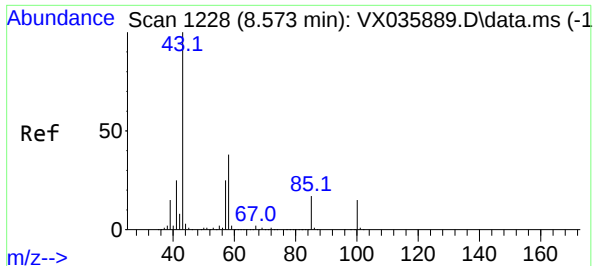
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
61 0.0 15.0 22.4#
87 0.0 9.9 14.9#



#50
Toluene-d8
Concen: 46.242 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion: 98 Resp: 461378
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

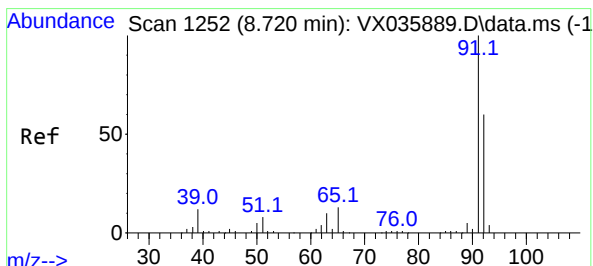
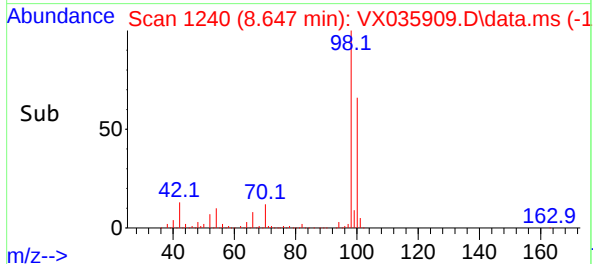
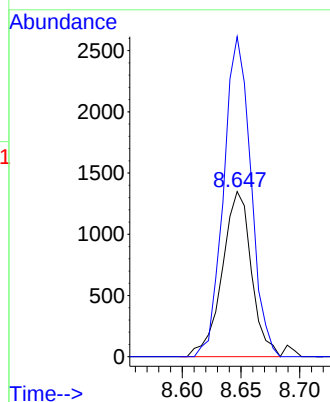
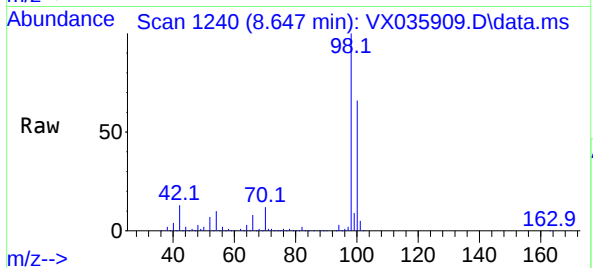




#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

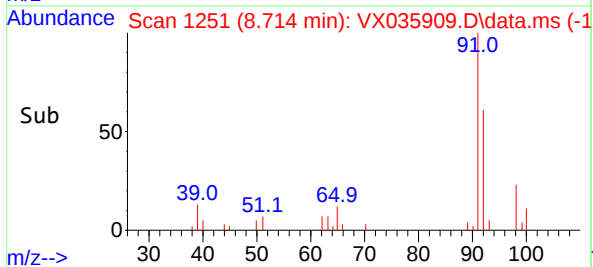
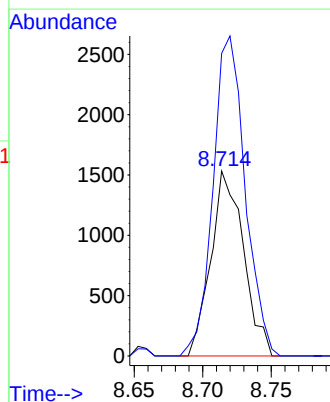
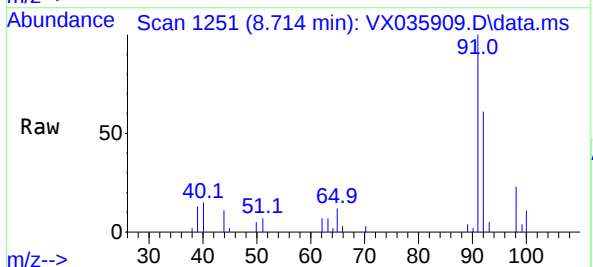
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

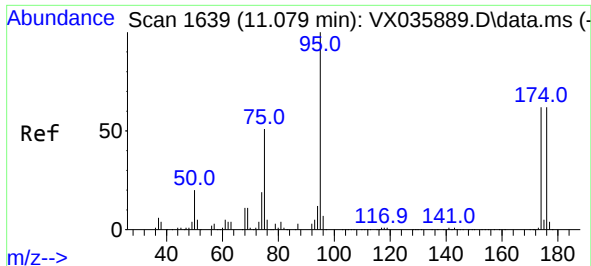
Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 180.7 30.1 45.1#



#52
Toluene
Concen: 0.350 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion: 92 Resp: 2539
Ion Ratio Lower Upper
92 100
91 170.7 133.5 200.3

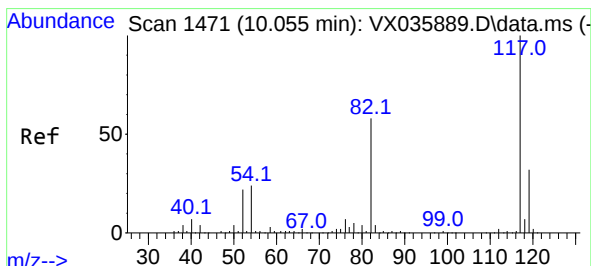
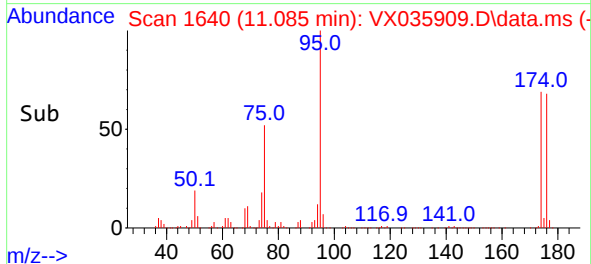
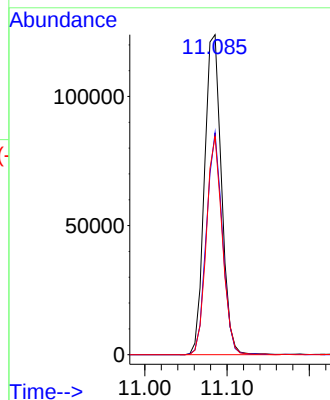
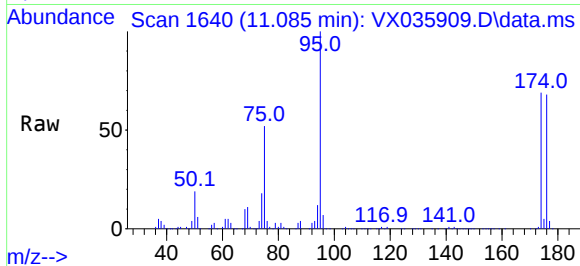




#62
4-Bromofluorobenzene
Concen: 45.127 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

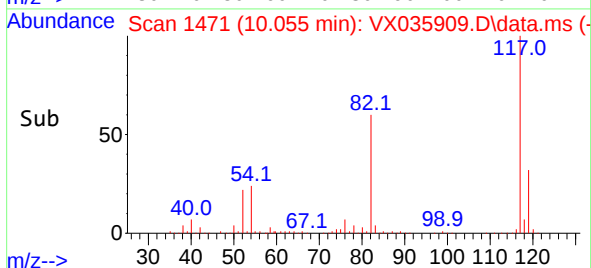
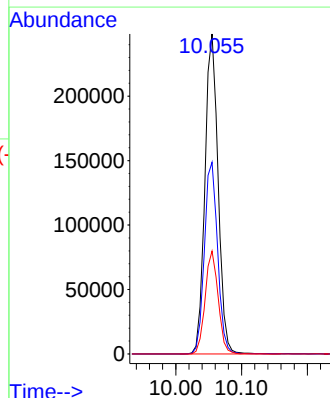
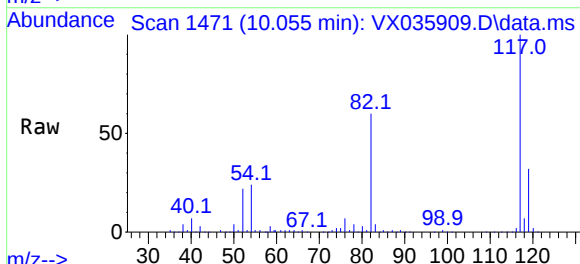
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

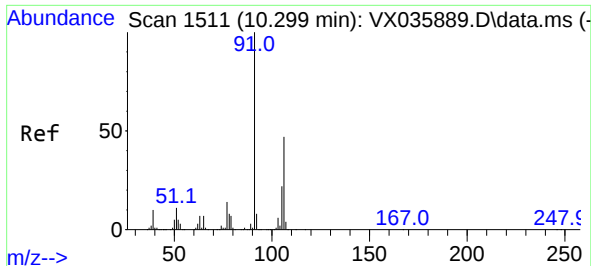
Tgt Ion: 95 Resp: 177393
Ion Ratio Lower Upper
95 100
174 65.5 0.0 132.6
176 64.2 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion: 117 Resp: 345706
Ion Ratio Lower Upper
117 100
82 59.9 46.6 69.8
119 32.2 25.4 38.2

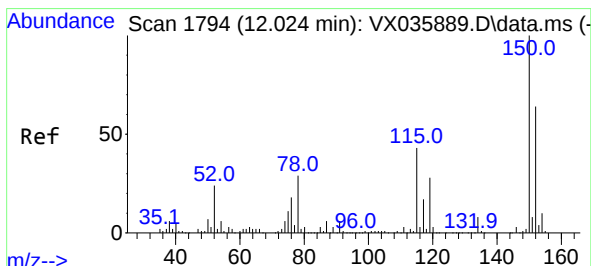
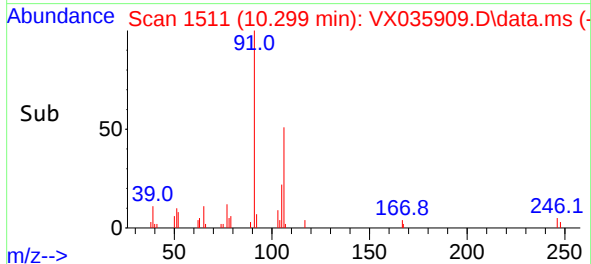
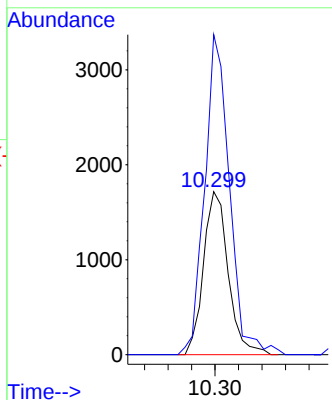
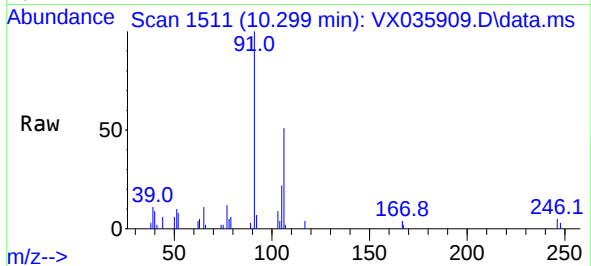




#68
m/p-Xylenes
Concen: 0.498 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

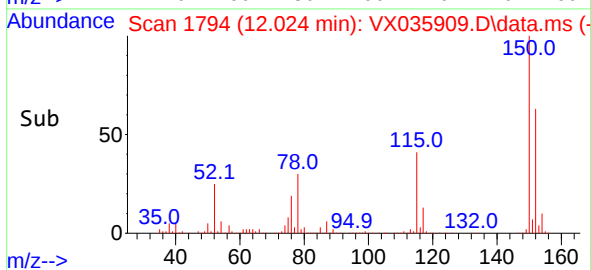
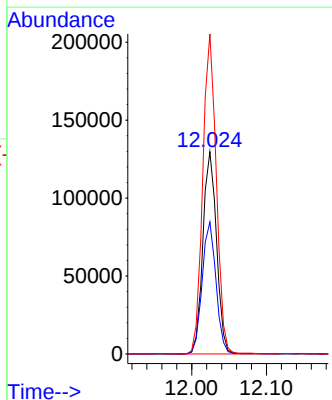
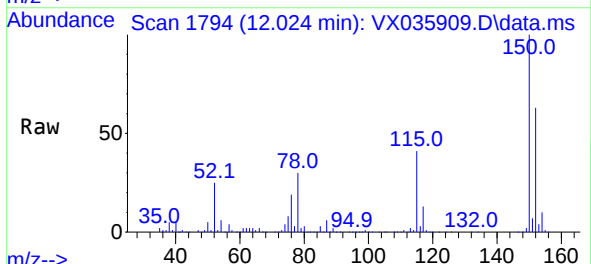
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

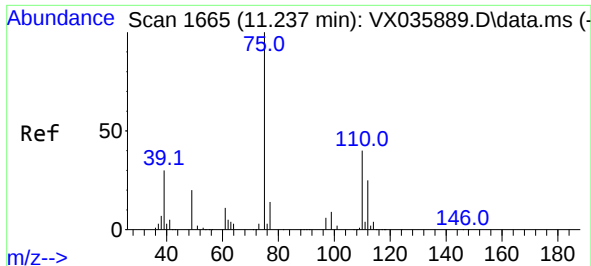
Tgt Ion:106 Resp: 2514
Ion Ratio Lower Upper
106 100
91 196.8 169.8 254.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion:152 Resp: 165300
Ion Ratio Lower Upper
152 100
115 65.8 45.5 136.5
150 156.7 0.0 345.2

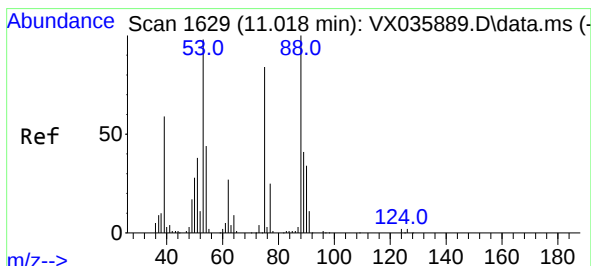
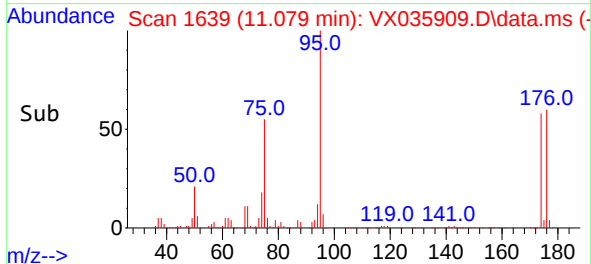
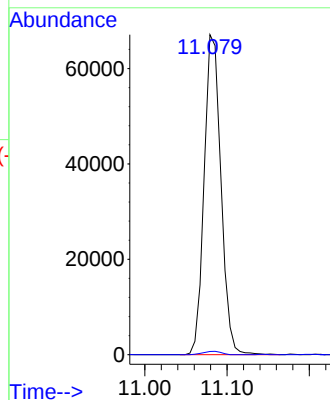
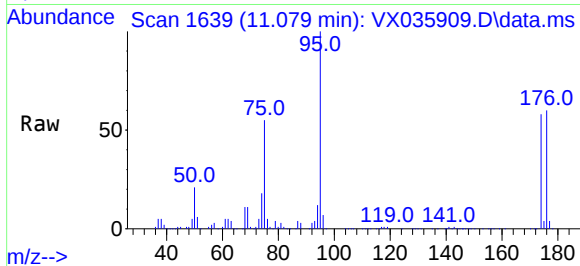




#76
1,2,3-Trichloropropane
Concen: 23.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

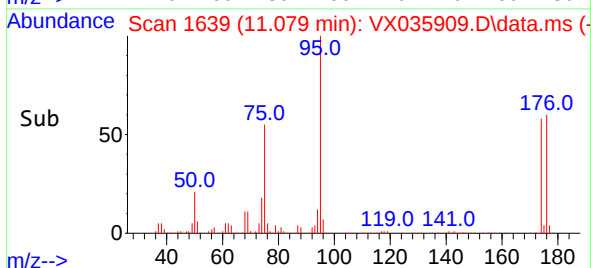
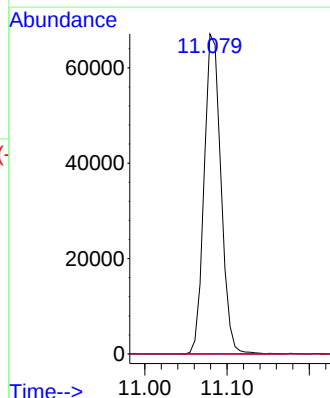
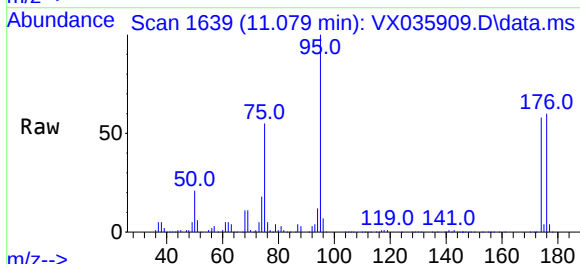
Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

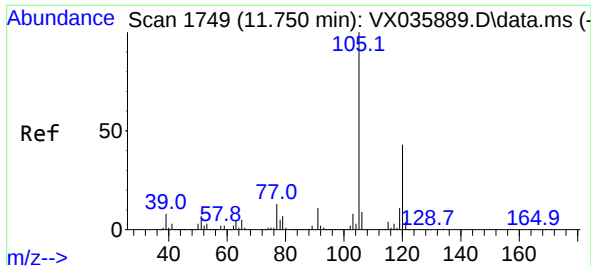
Tgt Ion: 75 Resp: 95259
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion: 75 Resp: 95259
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

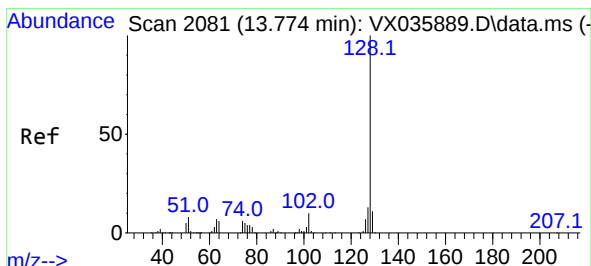
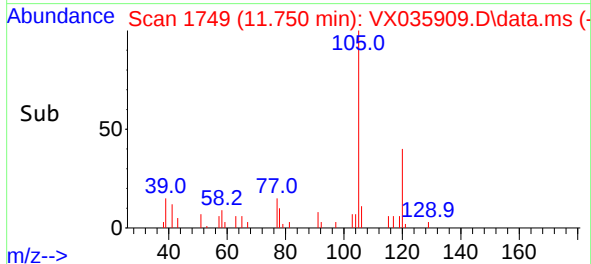
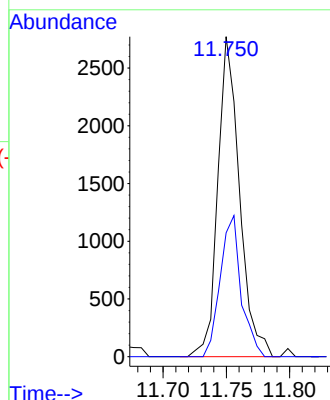
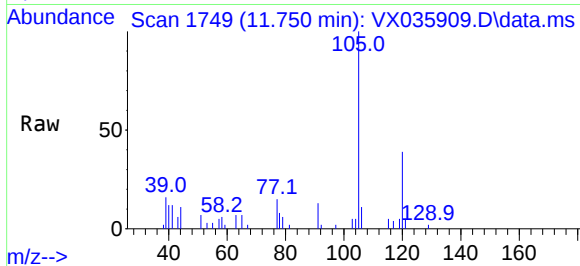




#84
1,2,4-Trimethylbenzene
Concen: 0.288 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Instrument :
MSVOA_X
ClientSampleId :
TP-9-0A

Tgt Ion:105 Resp: 3293
Ion Ratio Lower Upper
105 100
120 42.5 21.6 64.8



#95
Naphthalene
Concen: 34.655 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035909.D
Acq: 30 May 2023 16:24

Tgt Ion:128 Resp: 403580
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.7 13.1

