

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044207.D
 Acq On : 10 Dec 2024 14:49
 Operator : JC/MD
 Sample : P5193-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

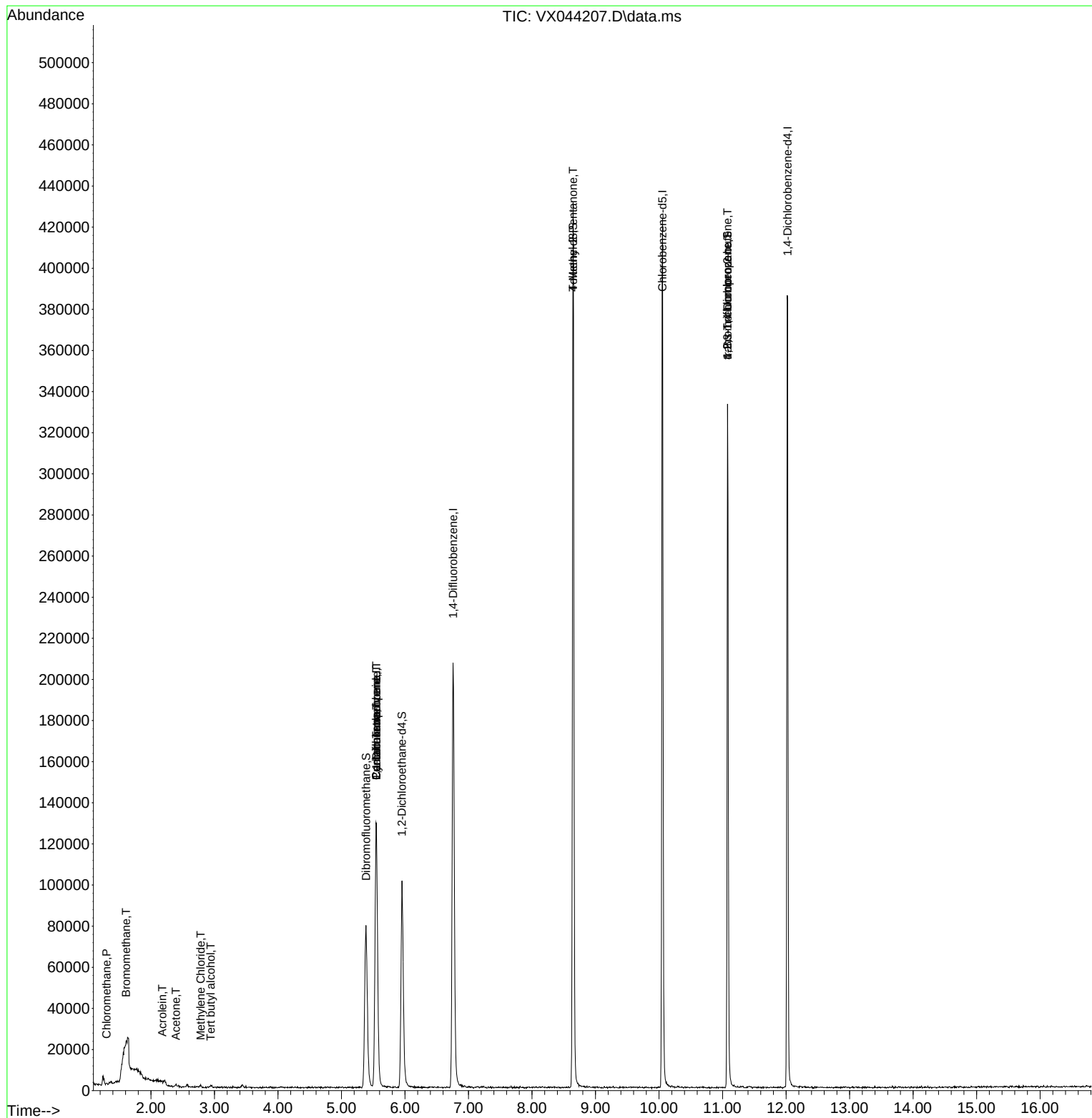
Internal Standards						
1) Pentafluorobenzene	5.550	168	111435	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	204955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93575	48.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.920%
35) Dibromofluoromethane	5.385	113	67647	46.191	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.647	98	251874	49.893	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.780%
62) 4-Bromofluorobenzene	11.079	95	86449	50.317	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	545	0.367	ug/l	95
5) Bromomethane	1.605	94	525	0.540	ug/l #	3
11) Tert butyl alcohol	2.940	59	321	1.046	ug/l #	73
13) Acrolein	2.178	56	83	0.257	ug/l #	13
16) Acetone	2.392	43	1297	1.477	ug/l	99
20) Methylene Chloride	2.782	84	479	0.322	ug/l #	54
31) Cyclohexane	5.550	56	2962	1.390	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	10827	5.933	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12971	6.326	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1437	0.653	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.141	63	23	Below Cal	#	46
76) 1,2,3-Trichloropropane	11.079	75	49565	29.601	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	49565	80.775	ug/l #	6

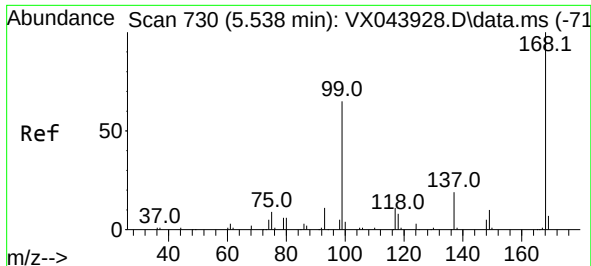
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
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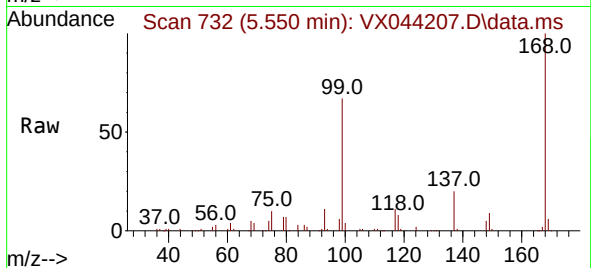
Quant Time: Dec 11 01:34:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



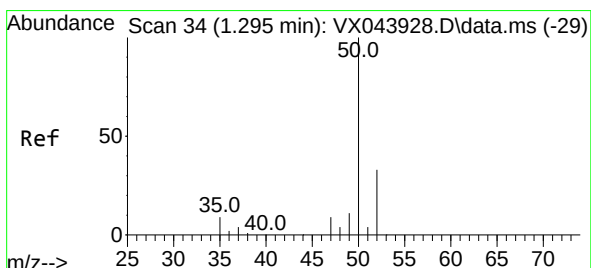
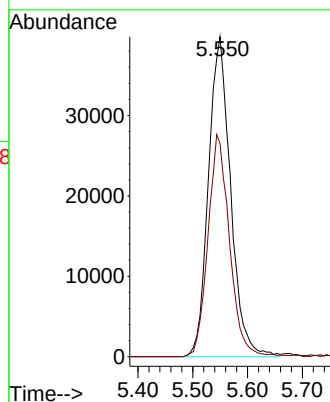
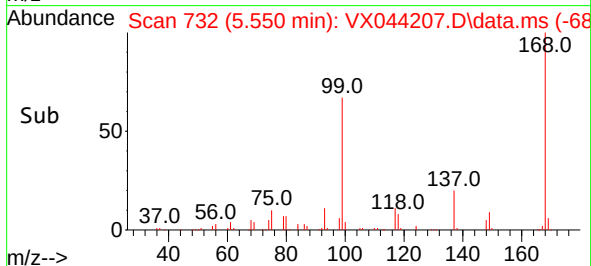


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Instrument :
MSVOA_X
ClientSampleId :

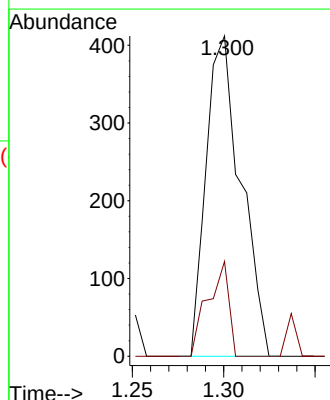
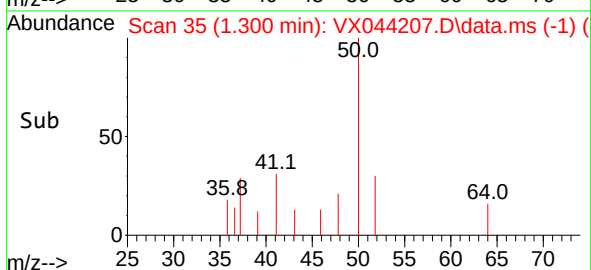
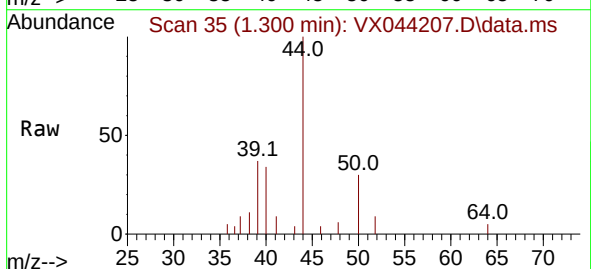


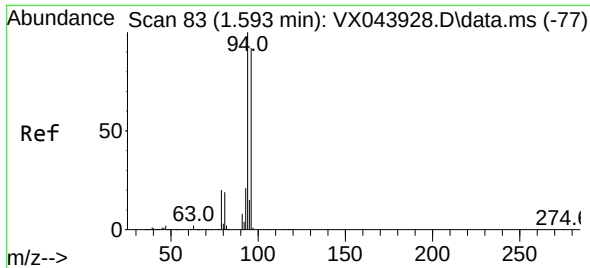
Tgt Ion:168 Resp: 111435
Ion Ratio Lower Upper
168 100
99 66.6 51.8 77.8



#3
Chloromethane
Concen: 0.367 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

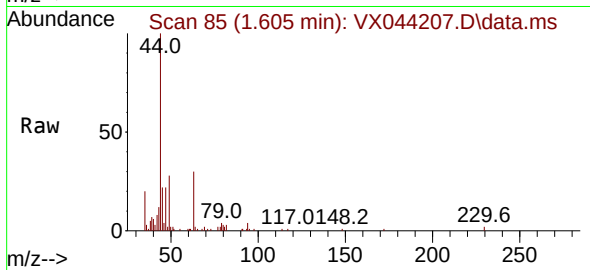
Tgt Ion: 50 Resp: 545
Ion Ratio Lower Upper
50 100
52 29.6 26.1 39.1



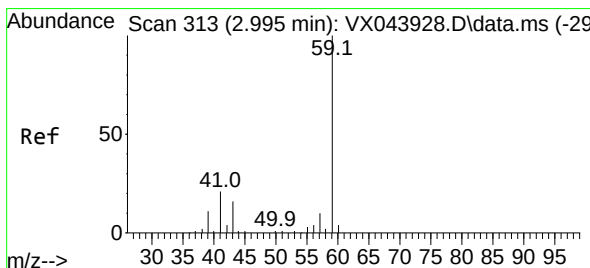
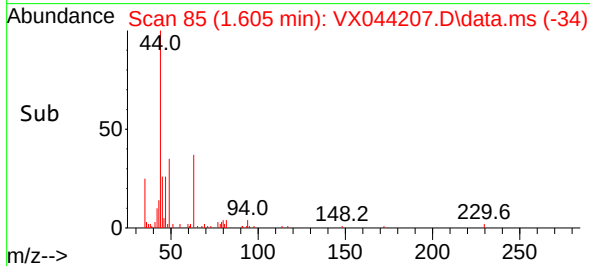
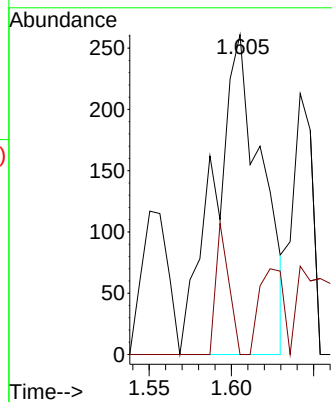


#5
Bromomethane
Concen: 0.540 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Instrument :
MSVOA_X
ClientSampleId :

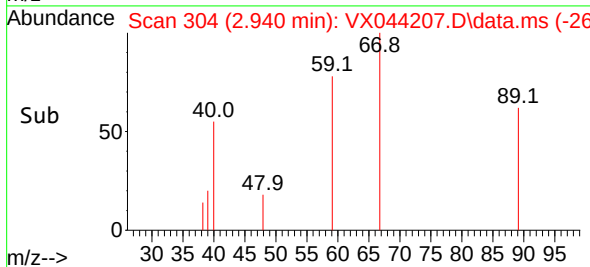
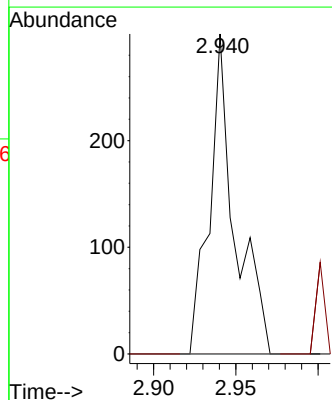
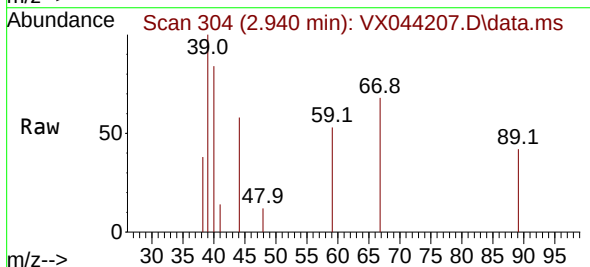


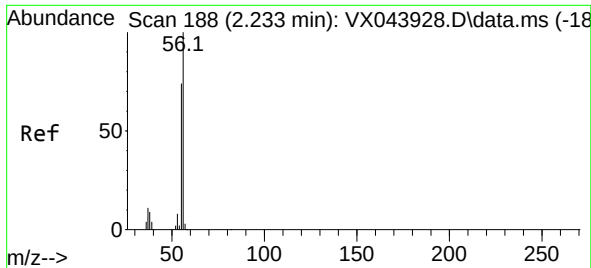
Tgt Ion: 94 Resp: 525
Ion Ratio Lower Upper
94 100
96 0.0 73.9 110.9#



#11
Tert butyl alcohol
Concen: 1.046 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Tgt Ion: 59 Resp: 321
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#





#13

Acrolein

Concen: 0.257 ug/l

RT: 2.178 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX044207.D

Acq: 10 Dec 2024 14:49

Instrument :

MSVOA_X

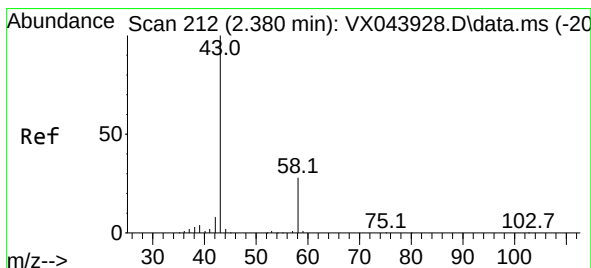
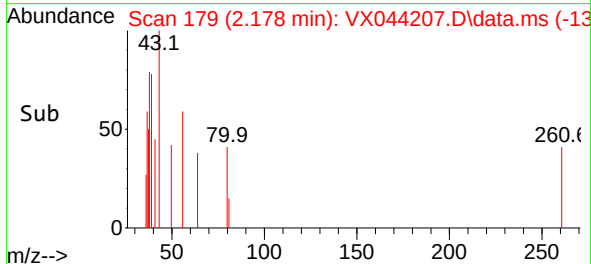
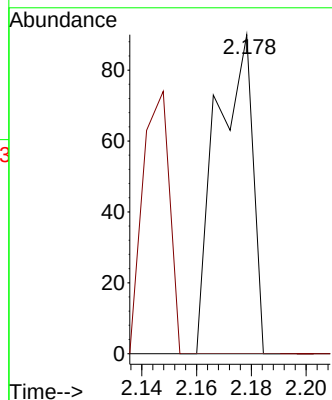
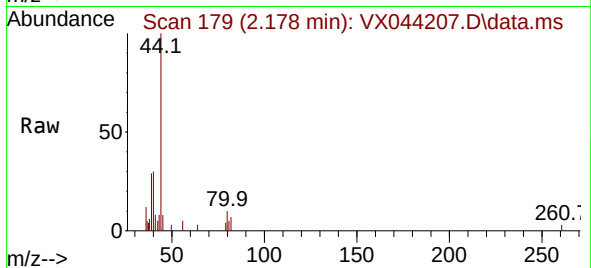
ClientSampleId :

Tgt Ion: 56 Resp: 83

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.2#



#16

Acetone

Concen: 1.477 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX044207.D

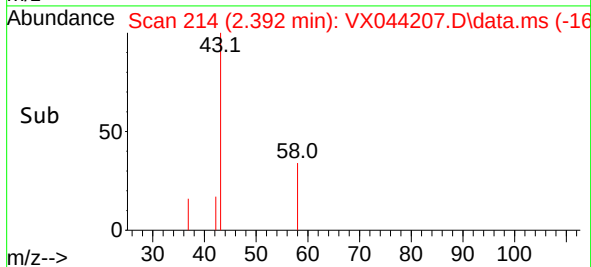
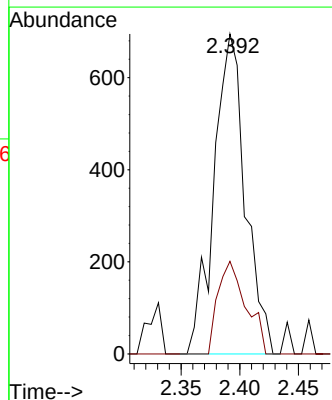
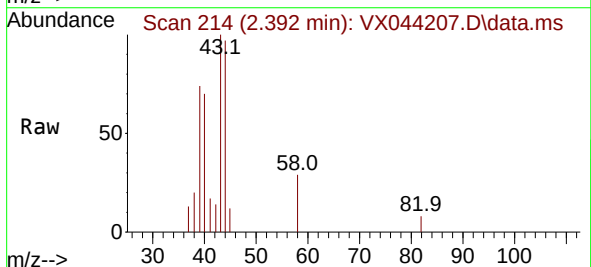
Acq: 10 Dec 2024 14:49

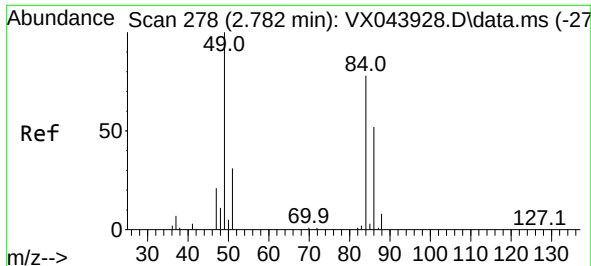
Tgt Ion: 43 Resp: 1297

Ion Ratio Lower Upper

43 100

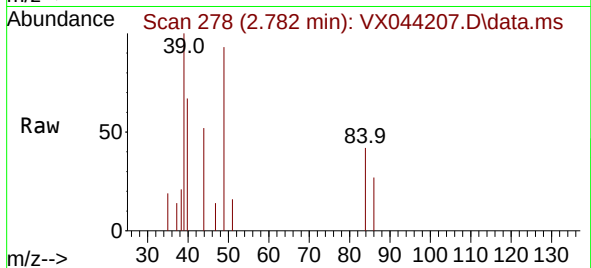
58 28.9 22.7 34.1





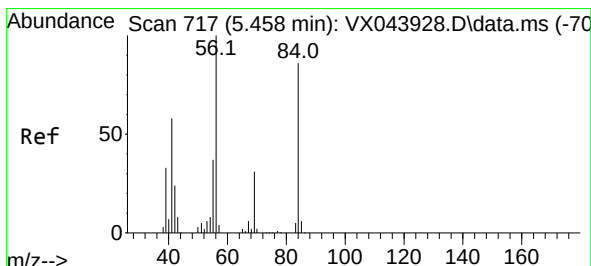
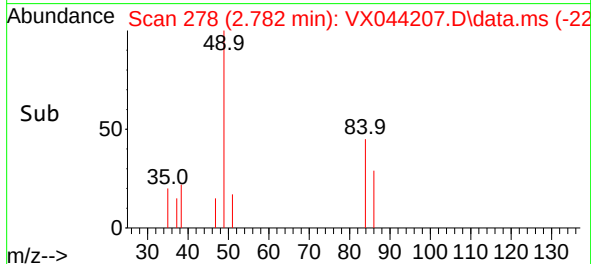
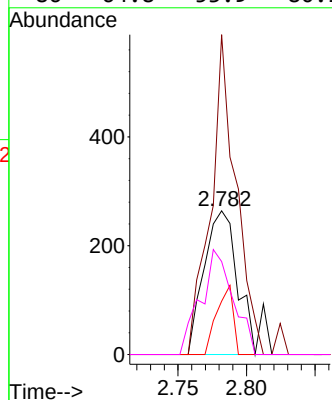
#20
Methylene Chloride
Concen: 0.322 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 479

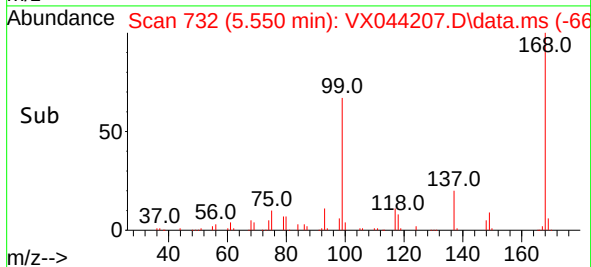
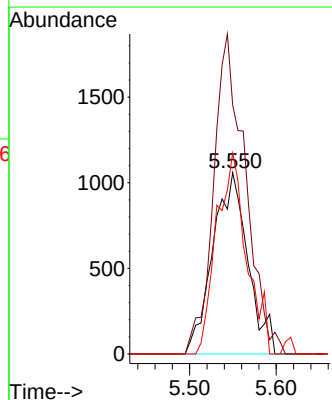
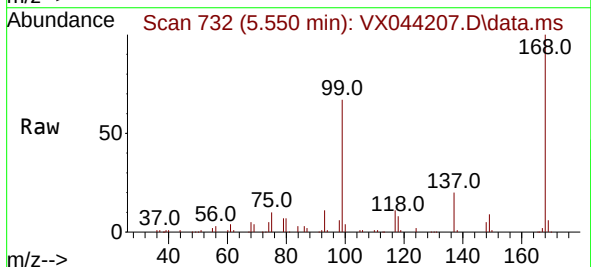
Ion	Ratio	Lower	Upper
84	100		
49	222.7	102.7	154.1#
51	37.1	31.7	47.5
86	64.8	53.9	80.9

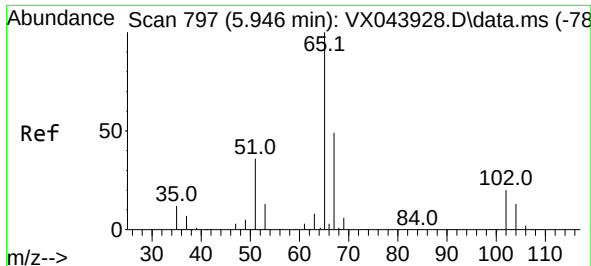


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.091 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Tgt Ion: 56 Resp: 2962

Ion	Ratio	Lower	Upper
56	100		
69	137.3	24.7	37.1#
84	110.9	68.7	103.1#

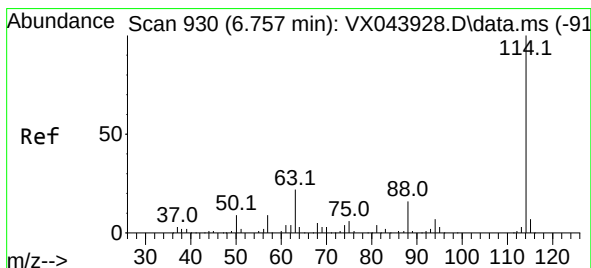
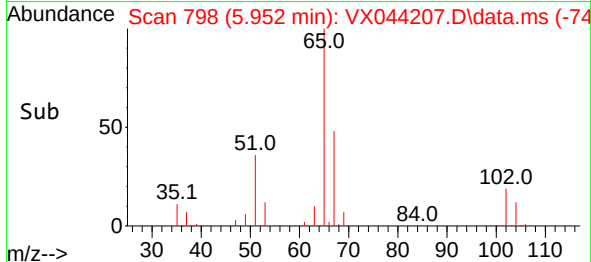
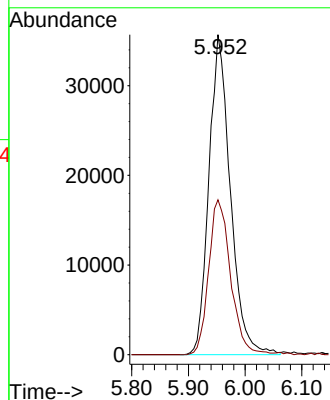
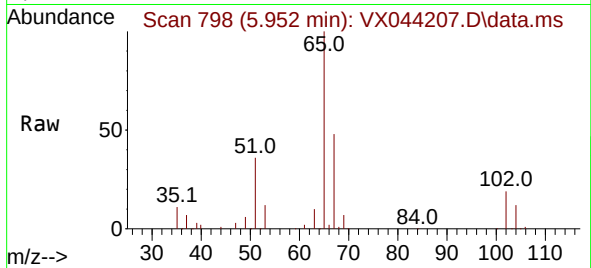




#33
 1,2-Dichloroethane-d4
 Concen: 48.959 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044207.D
 Acq: 10 Dec 2024 14:49

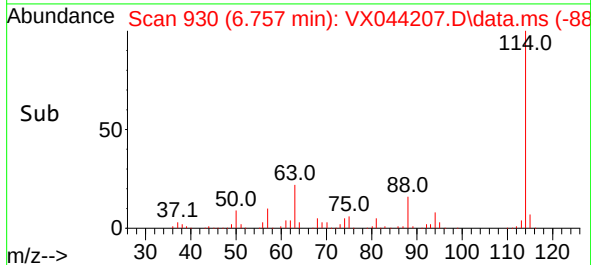
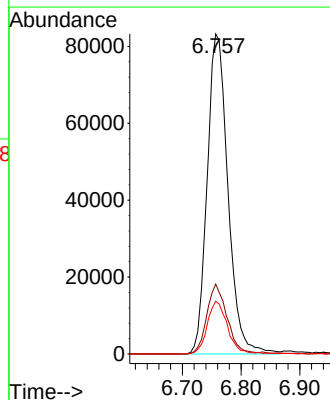
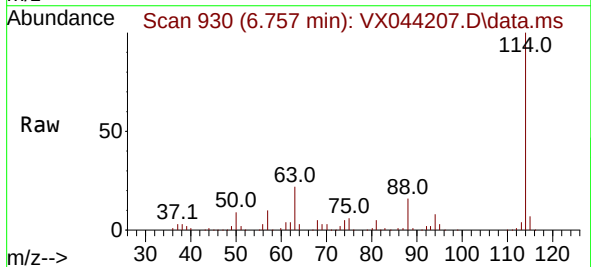
Instrument :
 MSVOA_X
 ClientSampleId :

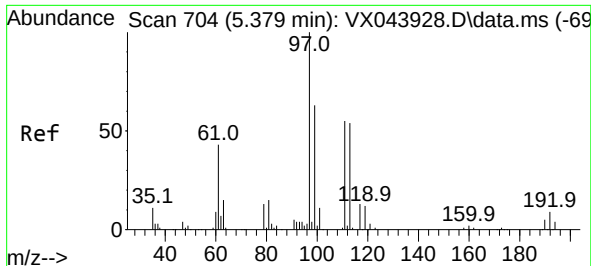
Tgt Ion: 65 Resp: 93575
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044207.D
 Acq: 10 Dec 2024 14:49

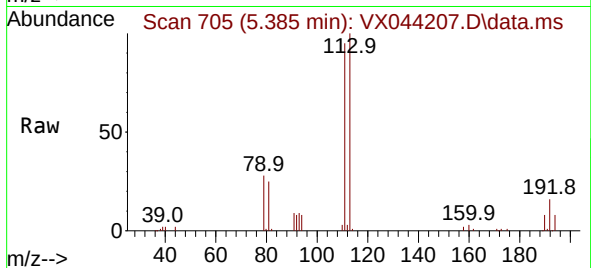
Tgt Ion: 114 Resp: 204955
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.0
 88 16.5 0.0 32.4



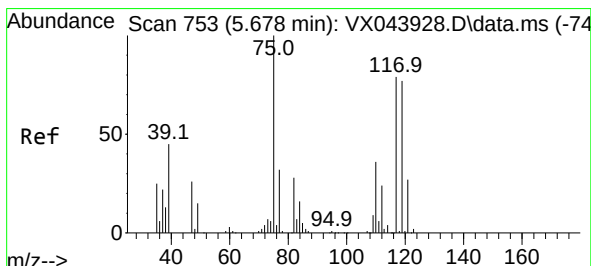
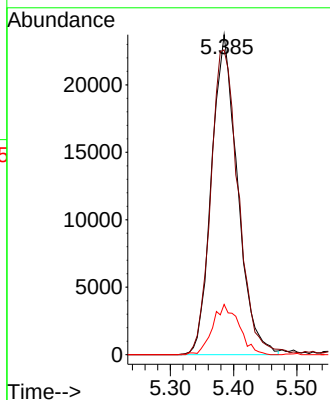
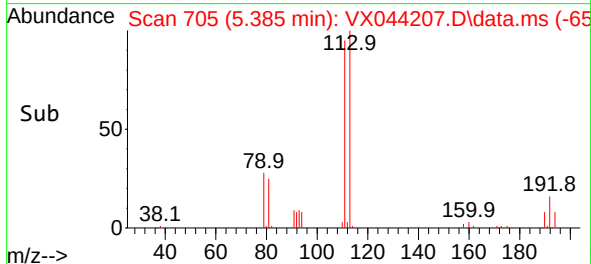


#35
Dibromofluoromethane
Concen: 46.191 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

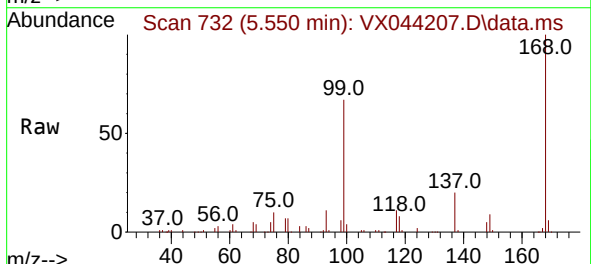
Instrument :
MSVOA_X
ClientSampleId :



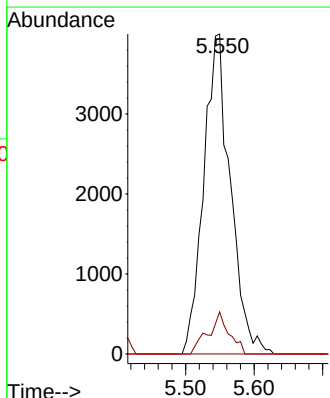
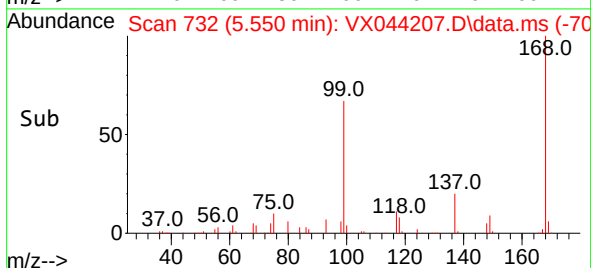
Tgt Ion:113 Resp: 67647
Ion Ratio Lower Upper
113 100
111 101.4 81.0 121.4
192 16.0 13.0 19.6

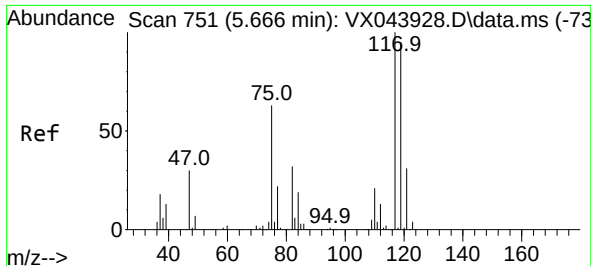


#36
1,1-Dichloropropene
Concen: 5.933 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49



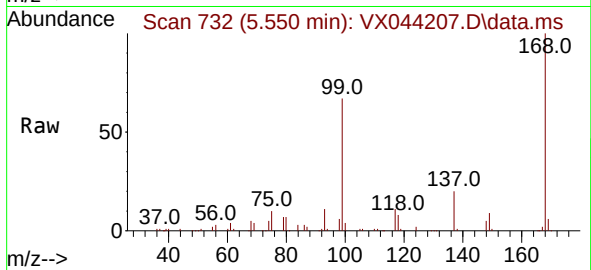
Tgt Ion: 75 Resp: 10827
Ion Ratio Lower Upper
75 100
110 10.3 17.4 52.2#
77 0.0 25.8 38.8#



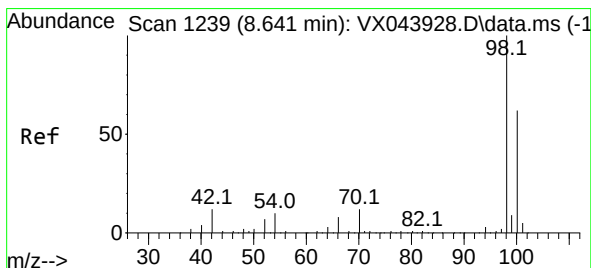
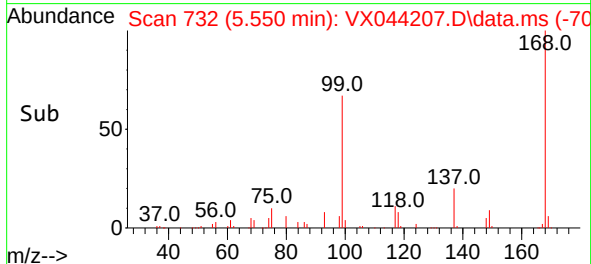
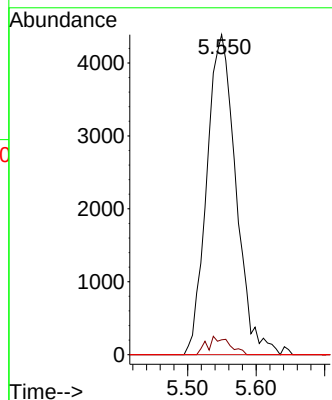


#38
Carbon Tetrachloride
Concen: 6.326 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Instrument :
MSVOA_X
ClientSampleId :

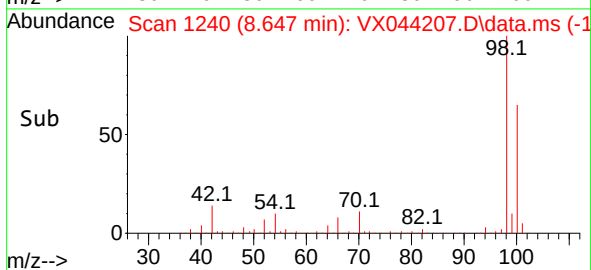
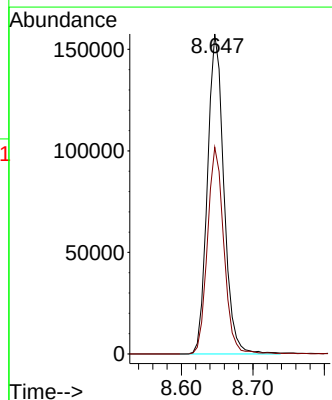
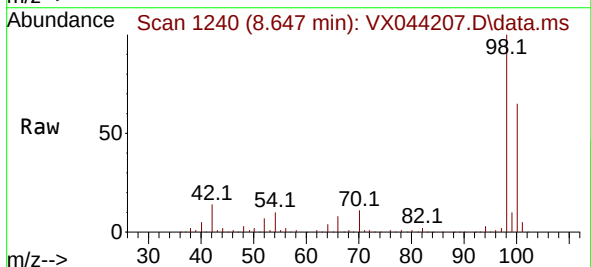


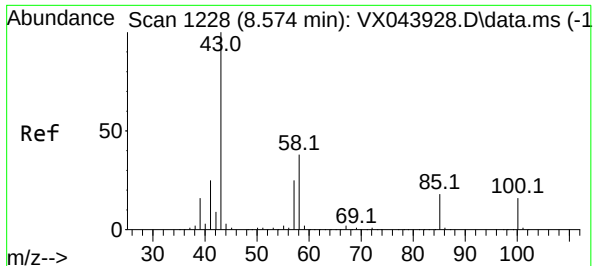
Tgt Ion:117 Resp: 12971
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.893 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

Tgt Ion: 98 Resp: 251874
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 0.653 ug/l

RT: 8.647 min Scan# 1157

Delta R.T. 0.073 min

Lab File: VX044207.D

Acq: 10 Dec 2024 14:49

Instrument :

MSVOA_X

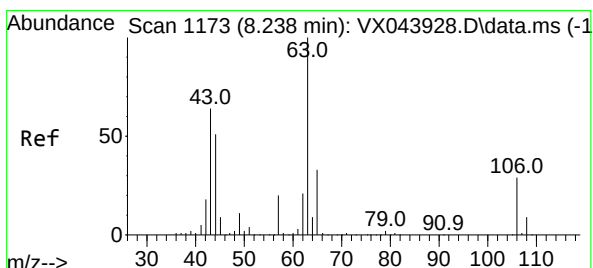
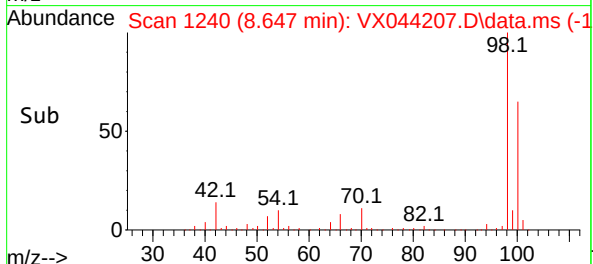
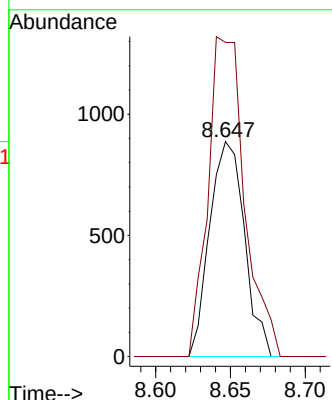
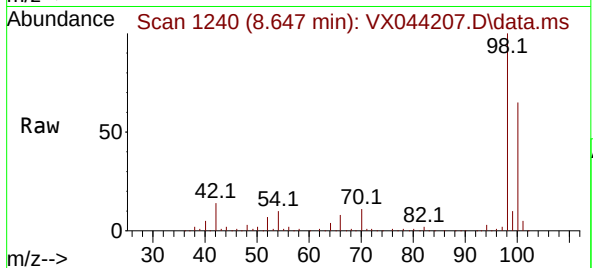
ClientSampleId :

Tgt Ion: 43 Resp: 1437

Ion Ratio Lower Upper

43 100

58 156.9 30.0 45.0#



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.141 min Scan# 1157

Delta R.T. -0.098 min

Lab File: VX044207.D

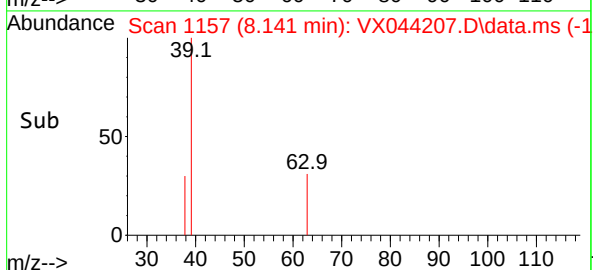
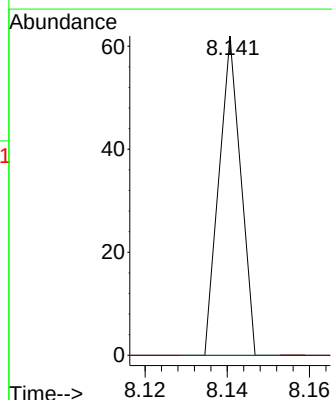
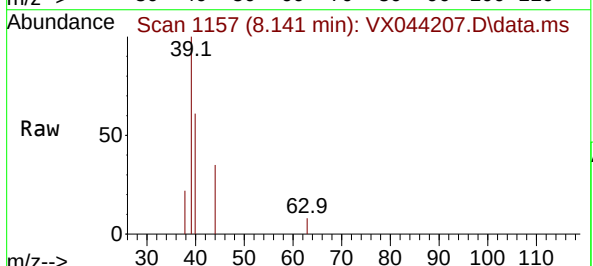
Acq: 10 Dec 2024 14:49

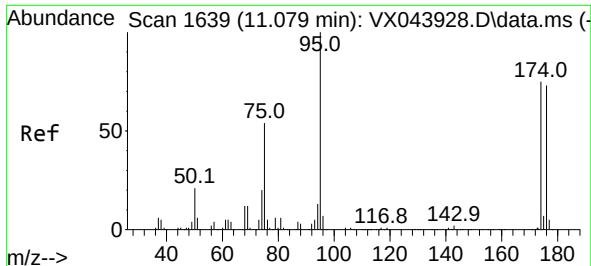
Tgt Ion: 63 Resp: 23

Ion Ratio Lower Upper

63 100

106 0.0 23.0 34.6#

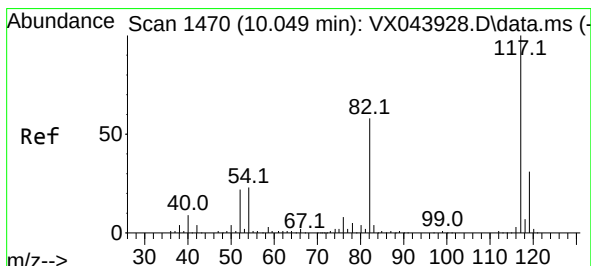
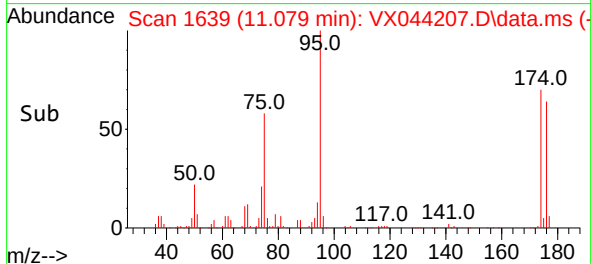
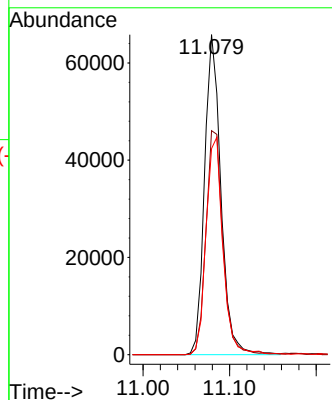
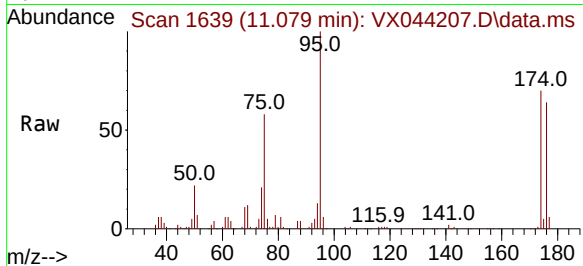




#62
4-Bromofluorobenzene
Concen: 50.317 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

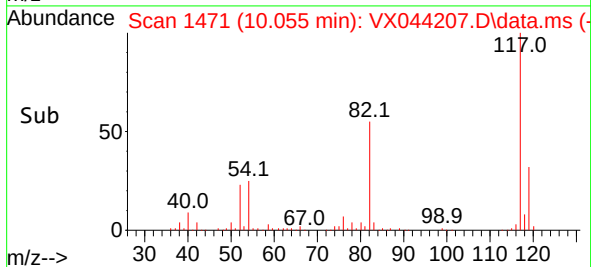
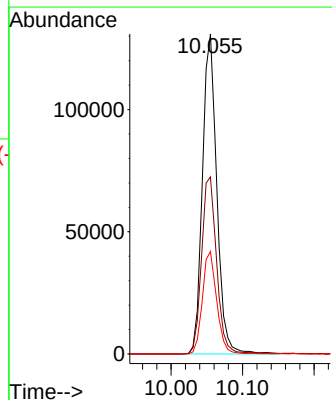
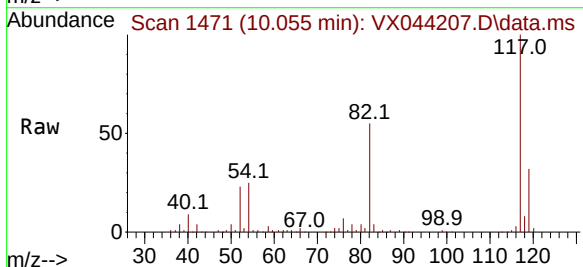
Instrument :
MSVOA_X
ClientSampleId :

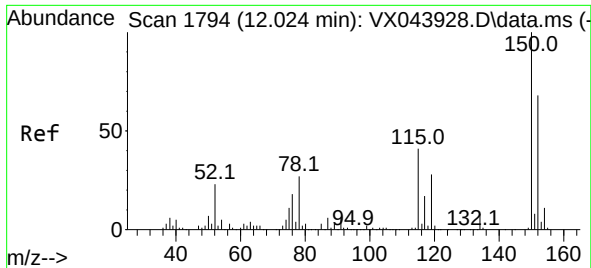
Tgt Ion: 95 Resp: 86449
Ion Ratio Lower Upper
95 100
174 72.7 0.0 150.4
176 70.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044207.D
Acq: 10 Dec 2024 14:49

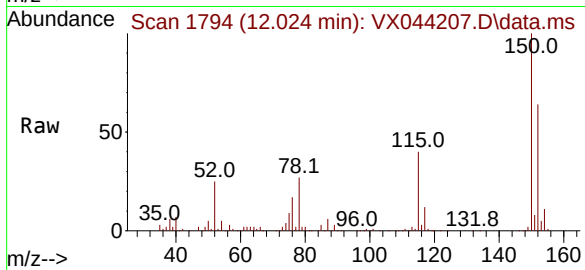
Tgt Ion: 117 Resp: 182775
Ion Ratio Lower Upper
117 100
82 55.4 46.4 69.6
119 32.0 24.6 37.0



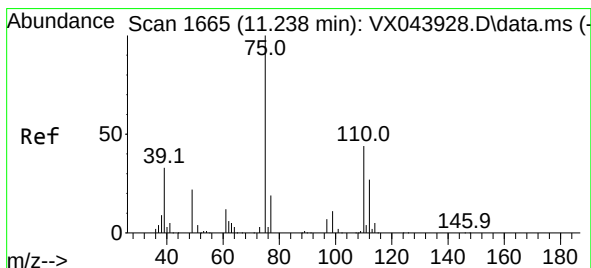
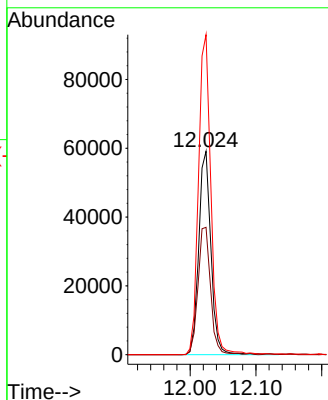
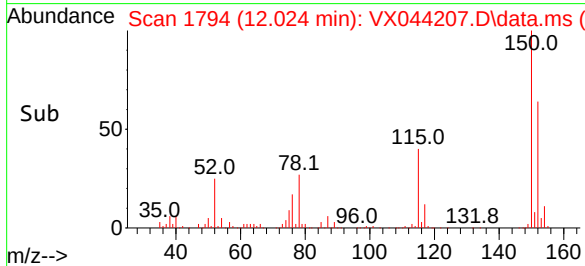


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044207.D
 Acq: 10 Dec 2024 14:49

Instrument :
 MSVOA_X
 ClientSampleId :

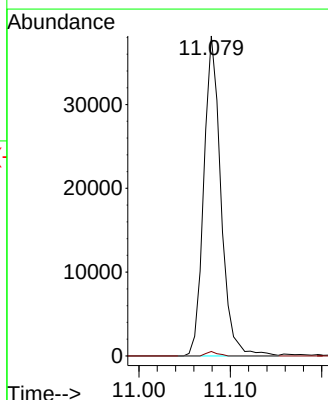
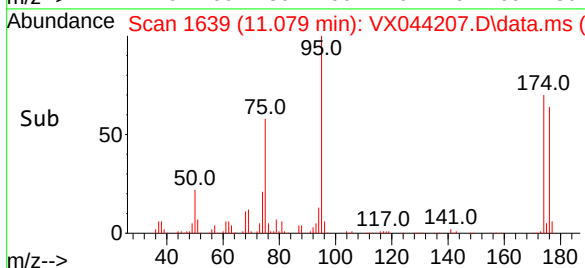
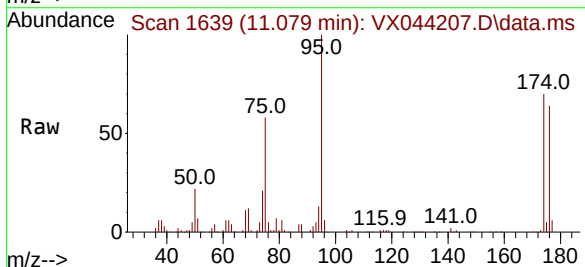


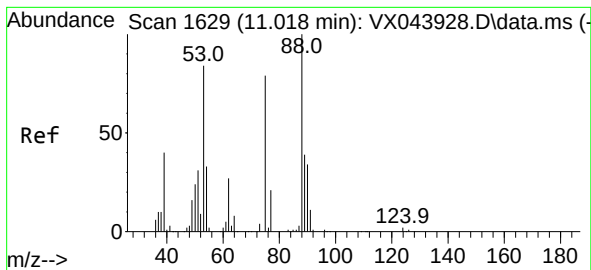
Tgt Ion:152 Resp: 76353
 Ion Ratio Lower Upper
 152 100
 115 64.8 45.4 136.2
 150 159.3 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 29.601 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044207.D
 Acq: 10 Dec 2024 14:49

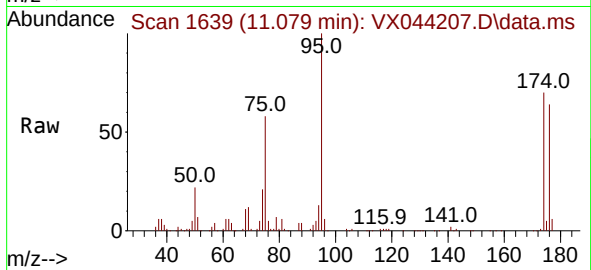
Tgt Ion: 75 Resp: 49565
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.775 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044207.D
 Acq: 10 Dec 2024 14:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 49565
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

