

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\
 Data File : VX044205.D
 Acq On : 10 Dec 2024 14:02
 Operator : JC/MD
 Sample : P5193-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 11 01:32:58 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)

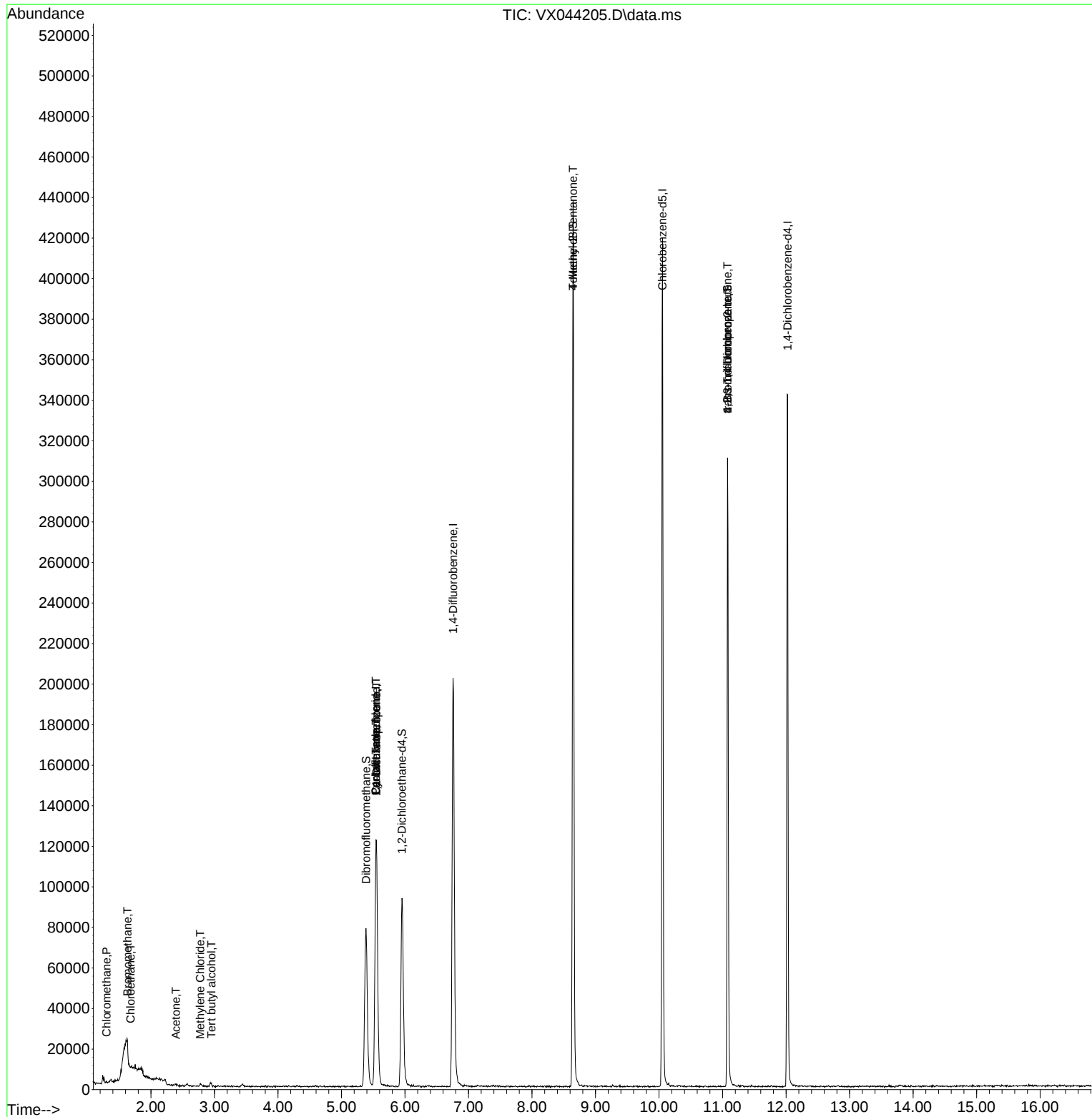
Internal Standards						
1) Pentafluorobenzene	5.544	168	108174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92693	49.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.920%
35) Dibromofluoromethane	5.385	113	68185	46.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.200%
50) Toluene-d8	8.647	98	248863	49.338	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.680%
62) 4-Bromofluorobenzene	11.079	95	81885	47.701	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	755	0.524	ug/l #	87
5) Bromomethane	1.630	94	450	0.477	ug/l #	45
6) Chloroethane	1.679	64	213	0.228	ug/l #	42
11) Tert butyl alcohol	2.953	59	685	2.300	ug/l #	73
16) Acetone	2.392	43	1051	1.233	ug/l	99
20) Methylene Chloride	2.776	84	425	0.294	ug/l #	68
31) Cyclohexane	5.544	56	2830	1.369	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10504	5.761	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12956	6.324	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1316	0.599	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46110	29.709	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	46110	81.068	ug/l #	7

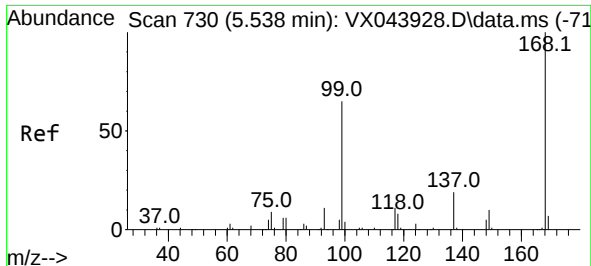
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121024\  
Data File : VX044205.D  
Acq On    : 10 Dec 2024  14:02  
Operator  : JC/MD  
Sample    : P5193-02  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :

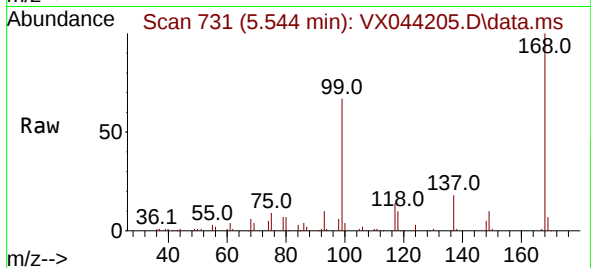
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
Qlast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



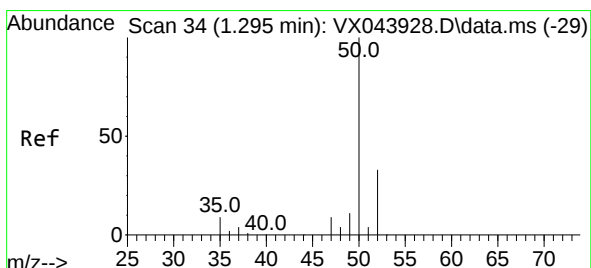
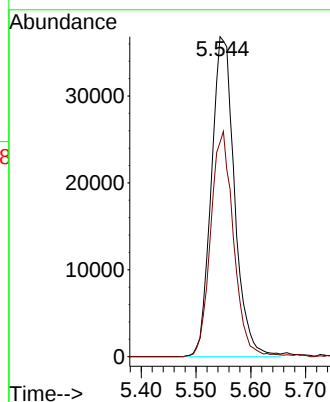
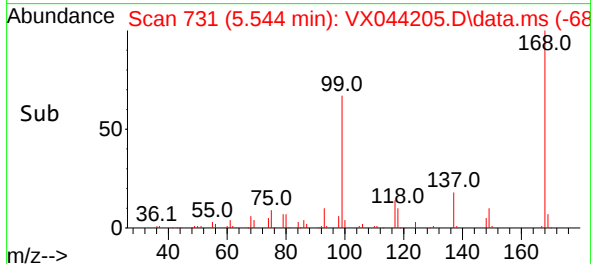


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

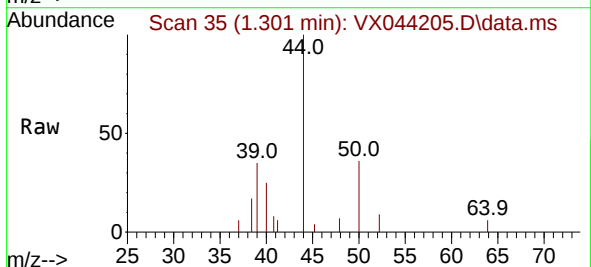
Instrument :
MSVOA_X
ClientSampleId :



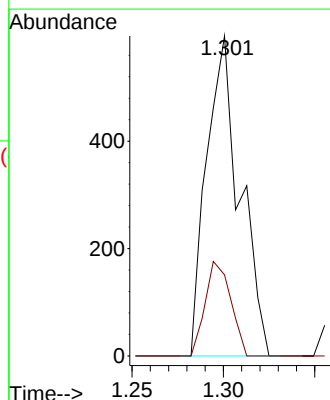
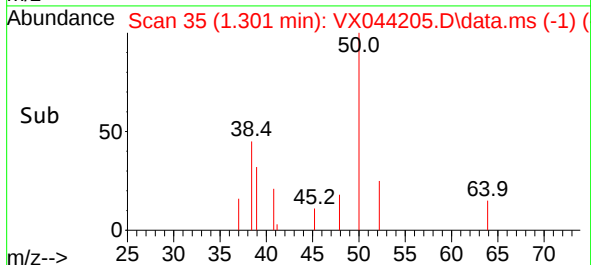
Tgt Ion:168 Resp: 108174
Ion Ratio Lower Upper
168 100
99 67.0 51.8 77.8

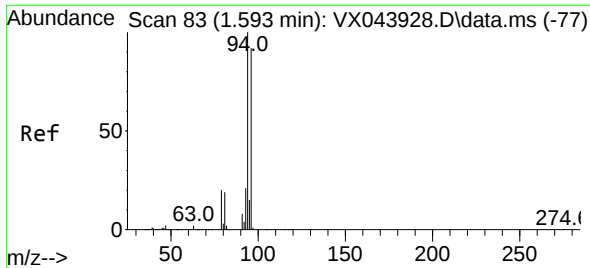


#3
Chloromethane
Concen: 0.524 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02



Tgt Ion: 50 Resp: 755
Ion Ratio Lower Upper
50 100
52 25.3 26.1 39.1#

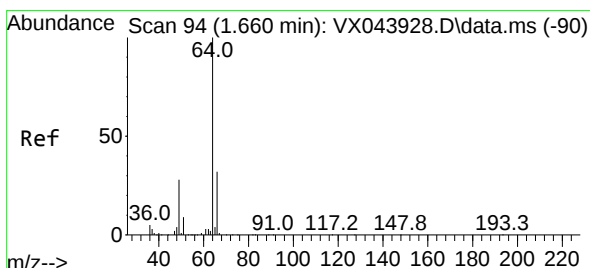
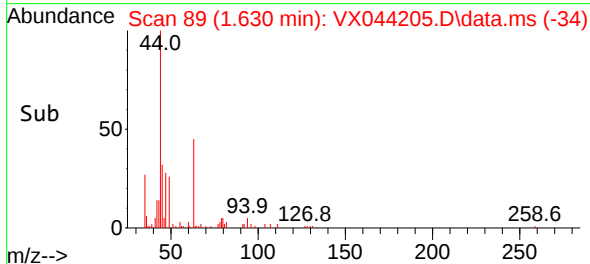
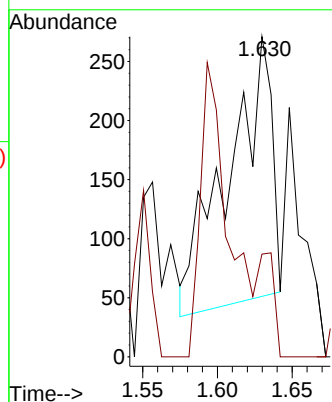
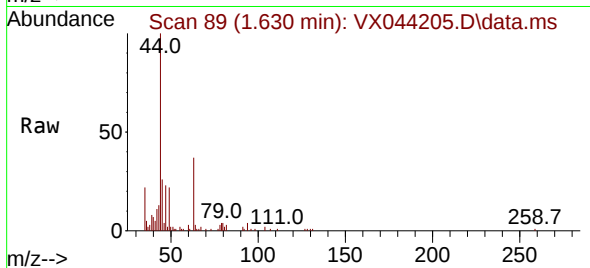




#5
Bromomethane
Concen: 0.477 ug/l
RT: 1.630 min Scan# 84
Delta R.T. 0.036 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

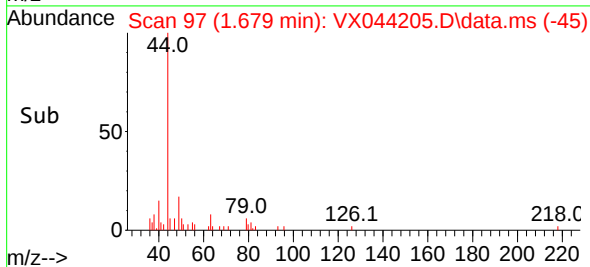
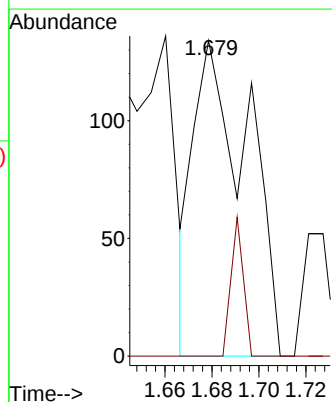
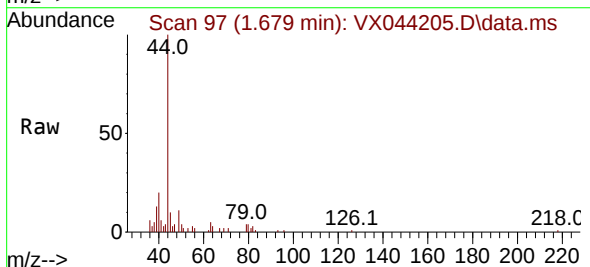
Instrument :
MSVOA_X
ClientSampleId :

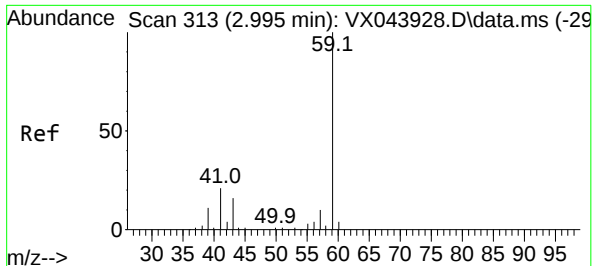
Tgt Ion: 94 Resp: 450
Ion Ratio Lower Upper
94 100
96 40.3 73.9 110.9#



#6
Chloroethane
Concen: 0.228 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.018 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 2.300 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.043 min

Lab File: VX044205.D

Acq: 10 Dec 2024 14:02

Instrument :

MSVOA_X

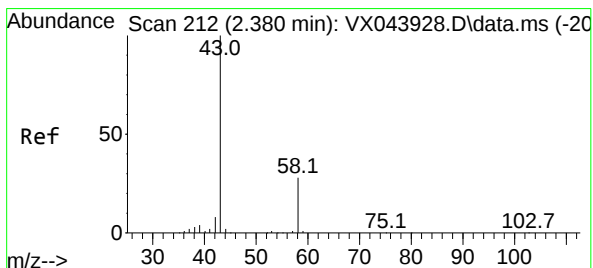
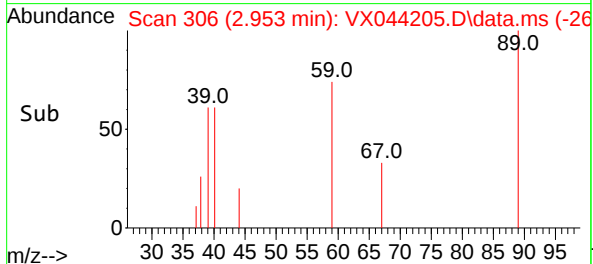
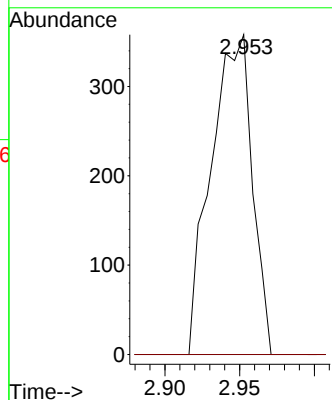
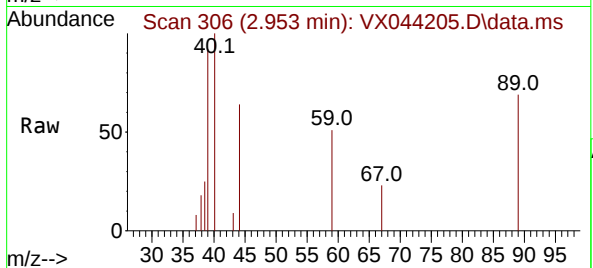
ClientSampleId :

Tgt Ion: 59 Resp: 685

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



#16

Acetone

Concen: 1.233 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.012 min

Lab File: VX044205.D

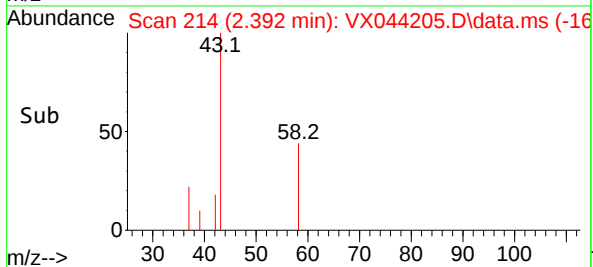
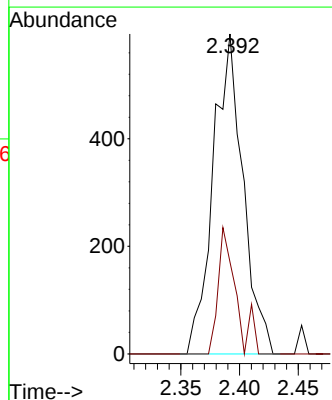
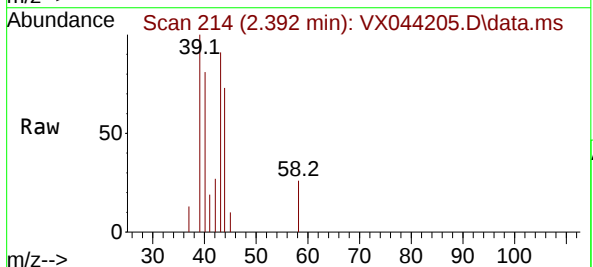
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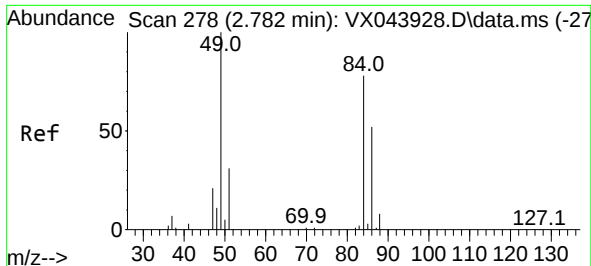
Tgt Ion: 43 Resp: 1051

Ion Ratio Lower Upper

43 100

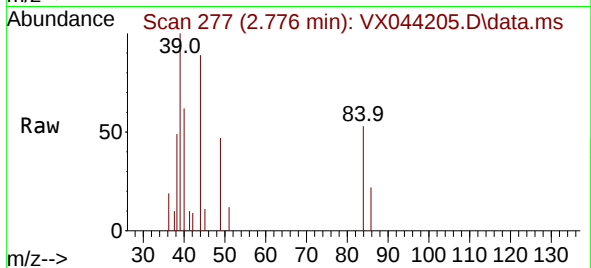
58 28.7 22.7 34.1



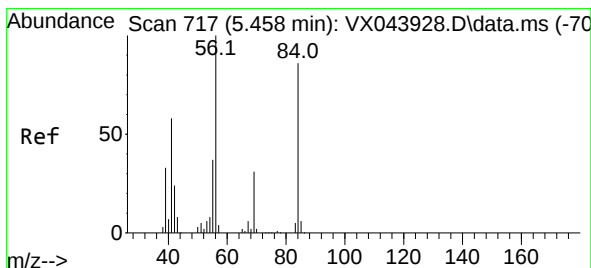
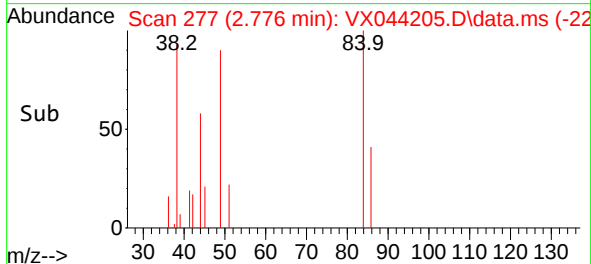
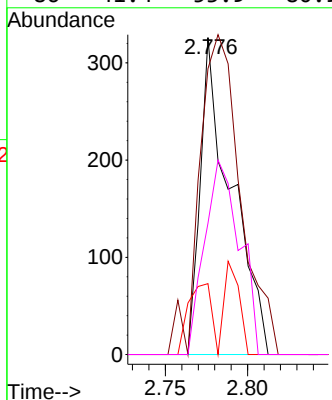


#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :

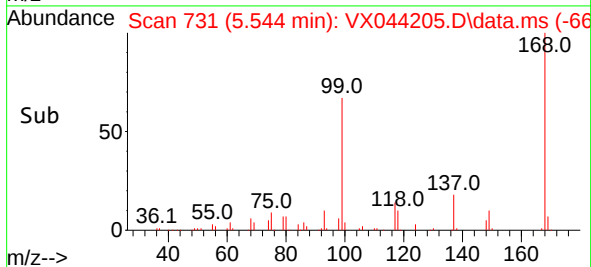
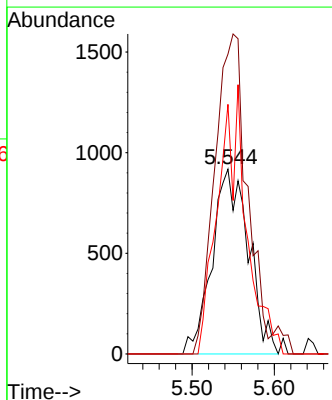
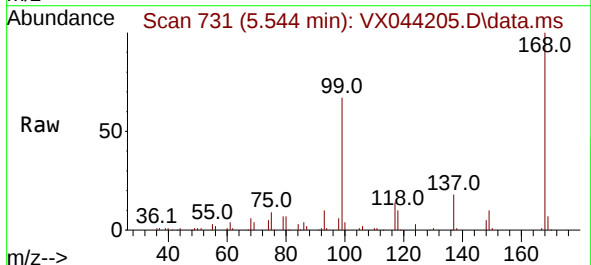


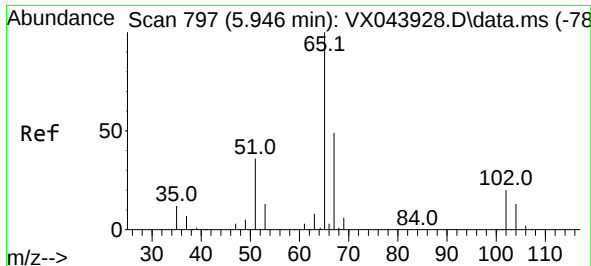
Tgt Ion:	84	Resp:	425
Ion	Ratio	Lower	Upper
84	100		
49	90.2	102.7	154.1#
51	22.4	31.7	47.5#
86	41.4	53.9	80.9#



#31
Cyclohexane
Concen: 1.369 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Tgt Ion:	56	Resp:	2830
Ion	Ratio	Lower	Upper
56	100		
69	162.3	24.7	37.1#
84	142.2	68.7	103.1#

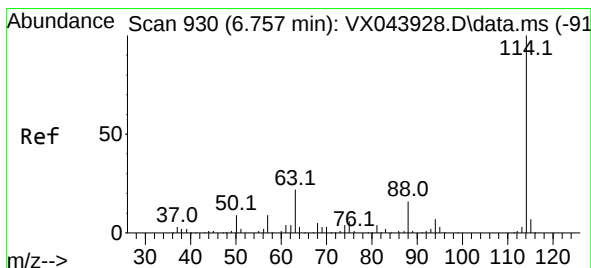
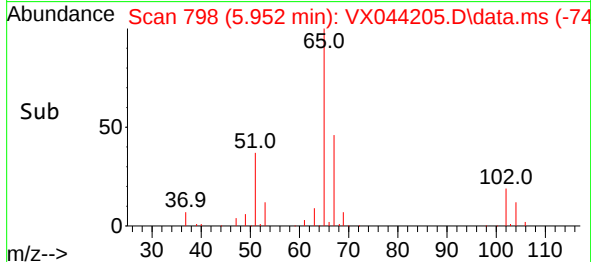
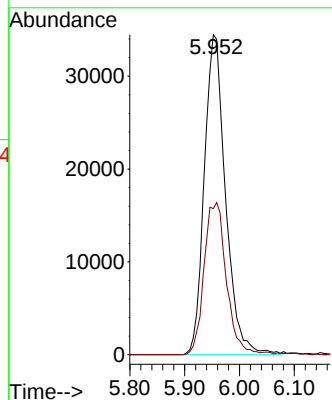
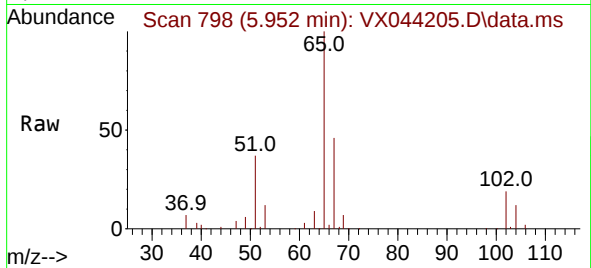




#33
 1,2-Dichloroethane-d4
 Concen: 49.959 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX044205.D
 Acq: 10 Dec 2024 14:02

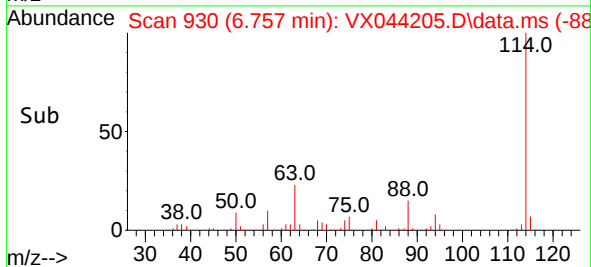
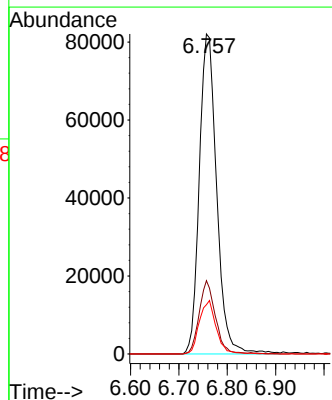
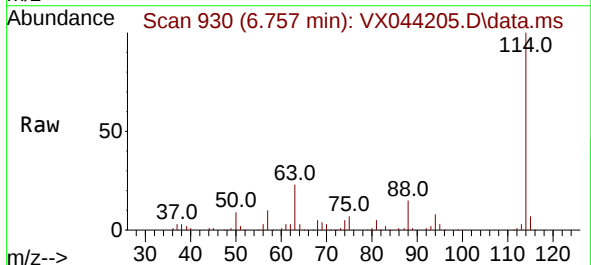
Instrument :
 MSVOA_X
 ClientSampleId :

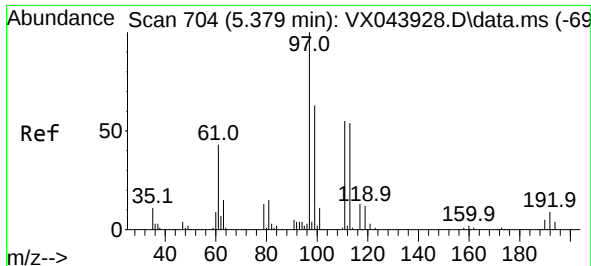
Tgt Ion: 65 Resp: 92693
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX044205.D
 Acq: 10 Dec 2024 14:02

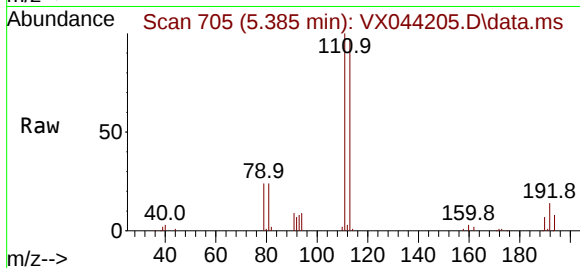
Tgt Ion: 114 Resp: 204781
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.0
 88 15.4 0.0 32.4



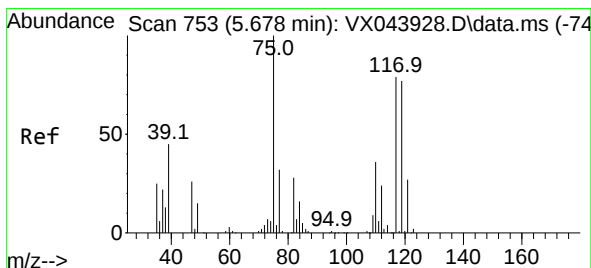
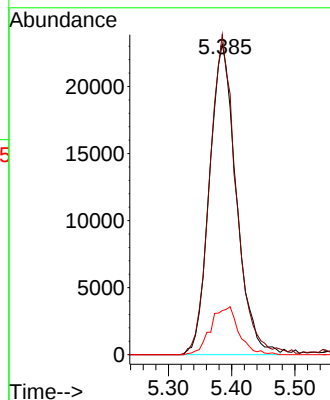
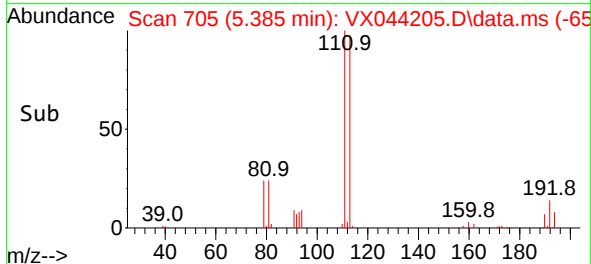


#35
Dibromofluoromethane
Concen: 46.598 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :

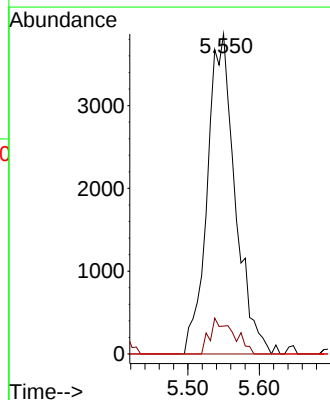
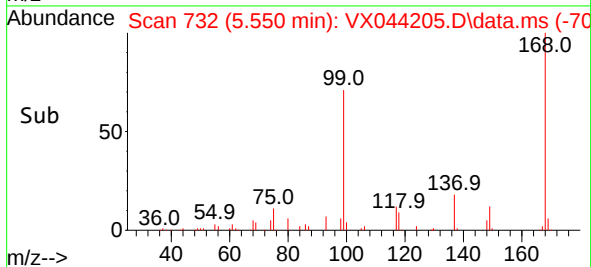
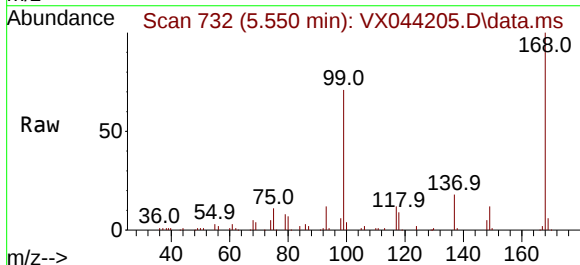


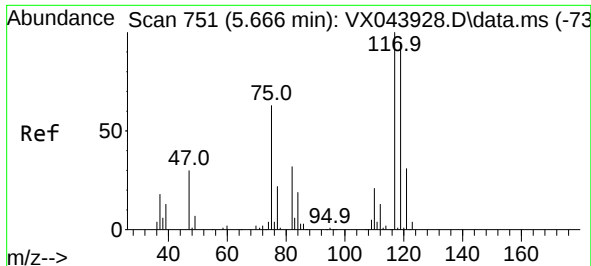
Tgt Ion:113 Resp: 68185
Ion Ratio Lower Upper
113 100
111 101.6 81.0 121.4
192 16.1 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.761 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

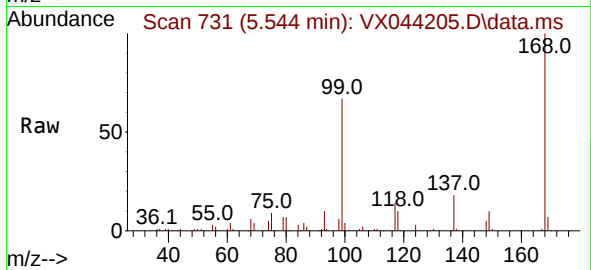
Tgt Ion: 75 Resp: 10504
Ion Ratio Lower Upper
75 100
110 9.5 17.4 52.2#
77 0.0 25.8 38.8#



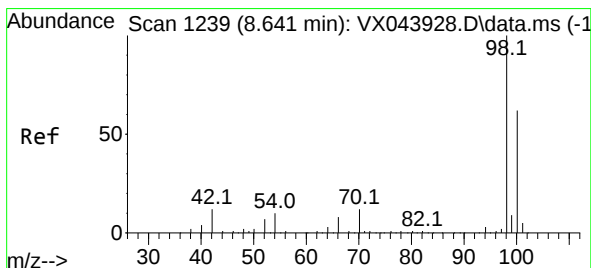
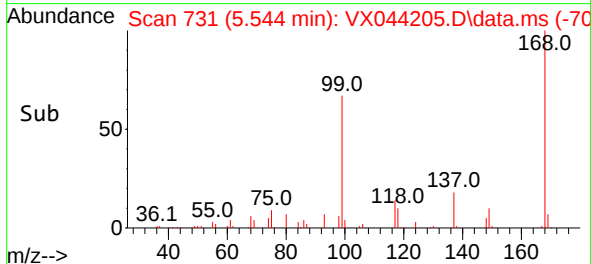
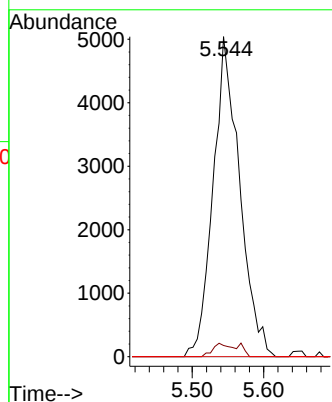


#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :

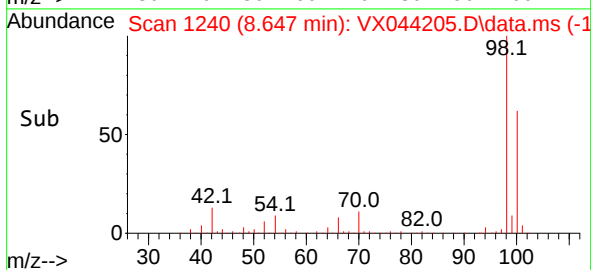
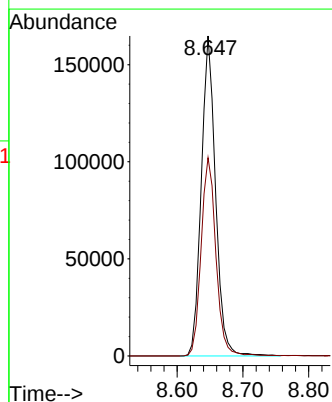
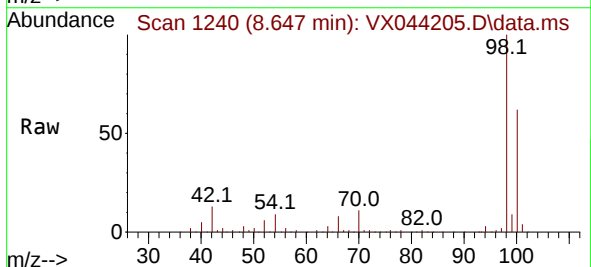


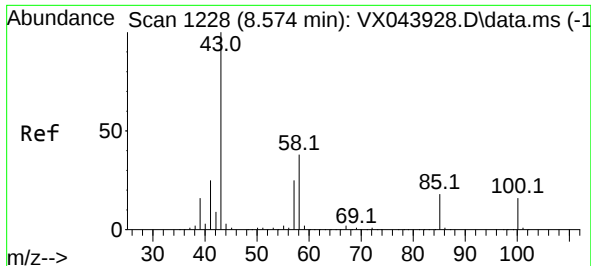
Tgt Ion:117 Resp: 12956
Ion Ratio Lower Upper
117 100
119 3.5 75.2 112.8#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.338 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Tgt Ion: 98 Resp: 248863
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0

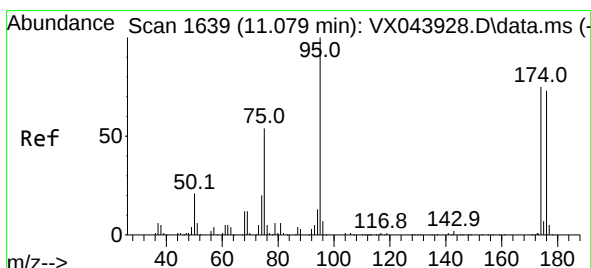
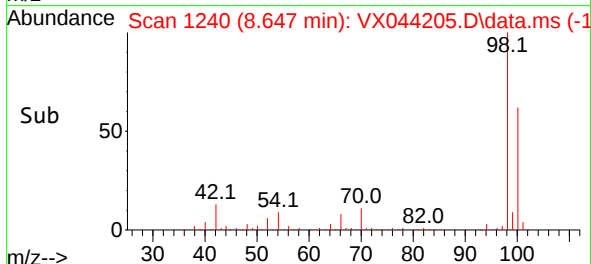
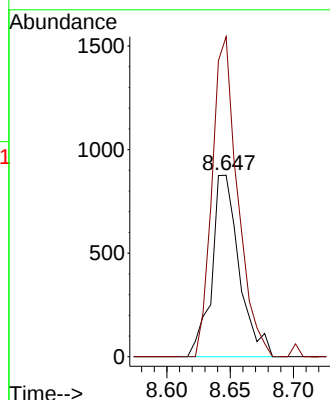
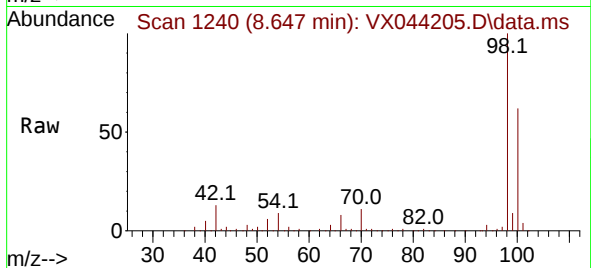




#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

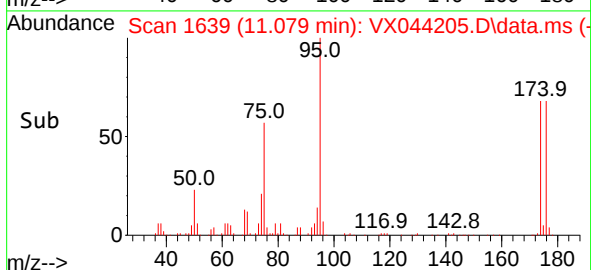
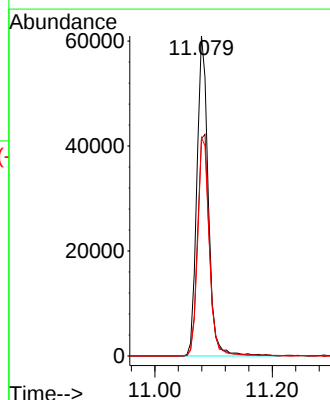
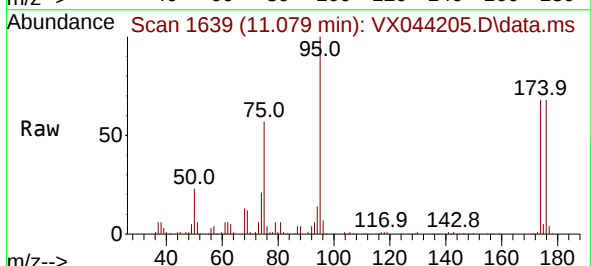
Instrument :
MSVOA_X
ClientSampleId :

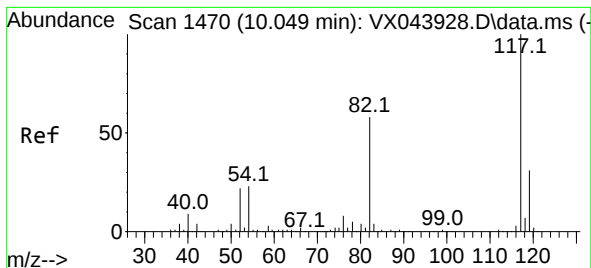
Tgt Ion: 43 Resp: 1316
Ion Ratio Lower Upper
43 100
58 165.0 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 47.701 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Tgt Ion: 95 Resp: 81885
Ion Ratio Lower Upper
95 100
174 72.4 0.0 150.4
176 69.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044205.D

Acq: 10 Dec 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

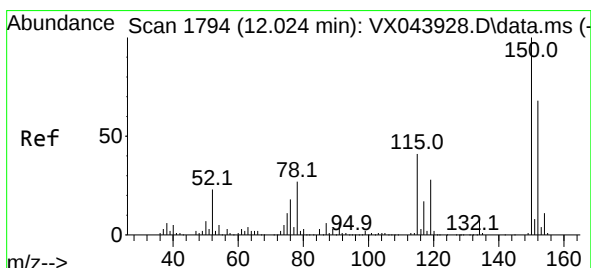
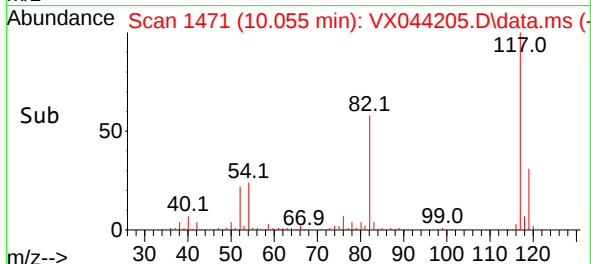
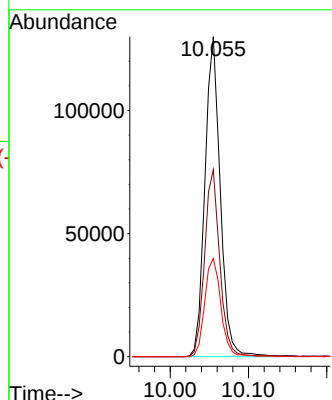
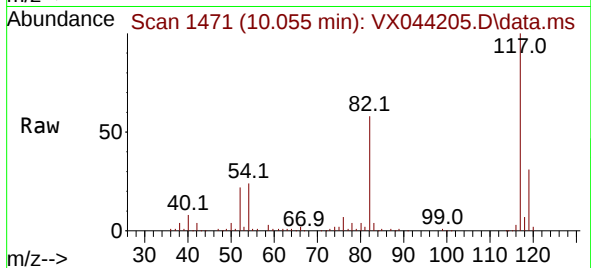
Tgt Ion:117 Resp: 176701

Ion Ratio Lower Upper

117 100

82 58.4 46.4 69.6

119 30.7 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044205.D

Acq: 10 Dec 2024 14:02

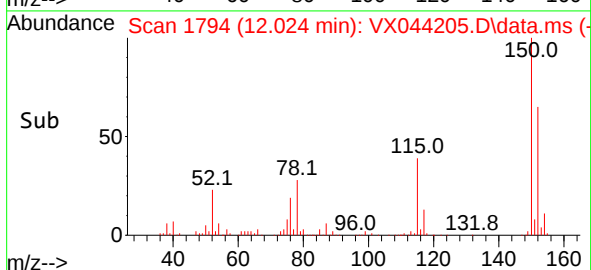
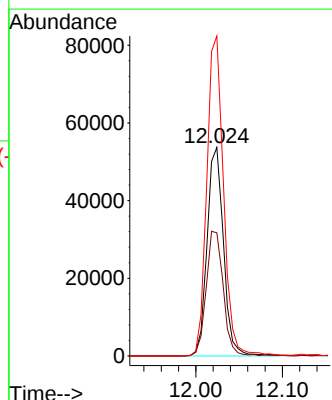
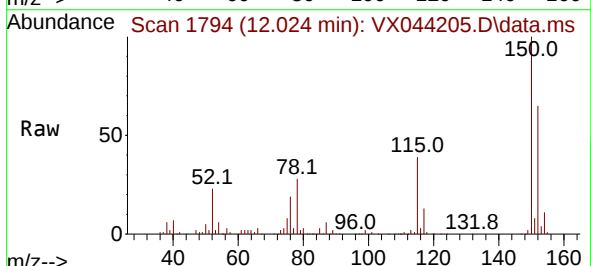
Tgt Ion:152 Resp: 70774

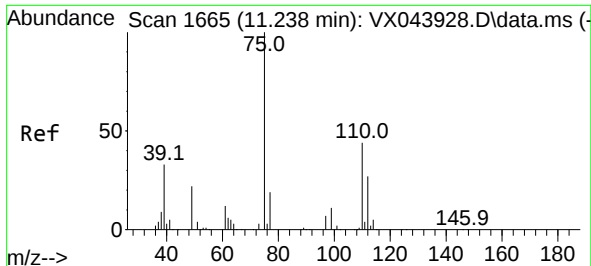
Ion Ratio Lower Upper

152 100

115 62.4 45.4 136.2

150 156.2 0.0 353.0

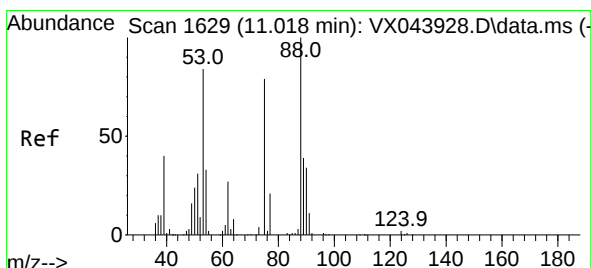
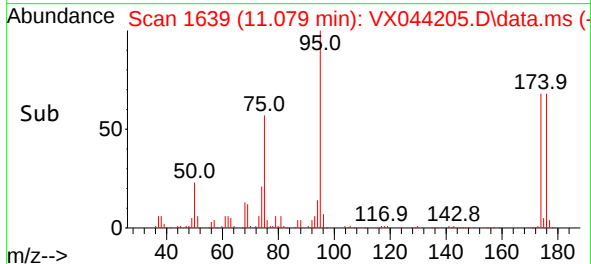
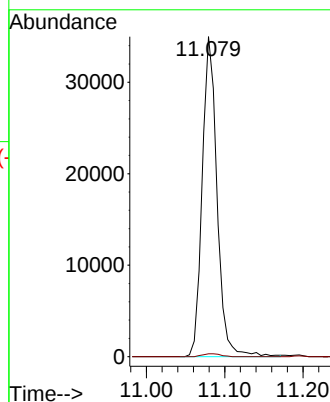
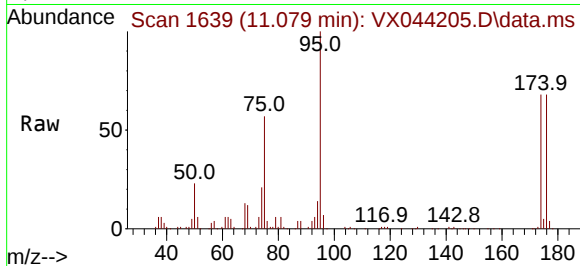




#76
1,2,3-Trichloropropane
Concen: 29.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 46110
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.068 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044205.D
Acq: 10 Dec 2024 14:02

Tgt Ion: 75 Resp: 46110
Ion Ratio Lower Upper
75 100
53 0.1 86.7 130.1#
89 0.0 38.2 57.2#

