

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044231.D
 Acq On : 11 Dec 2024 16:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 12 04:54:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

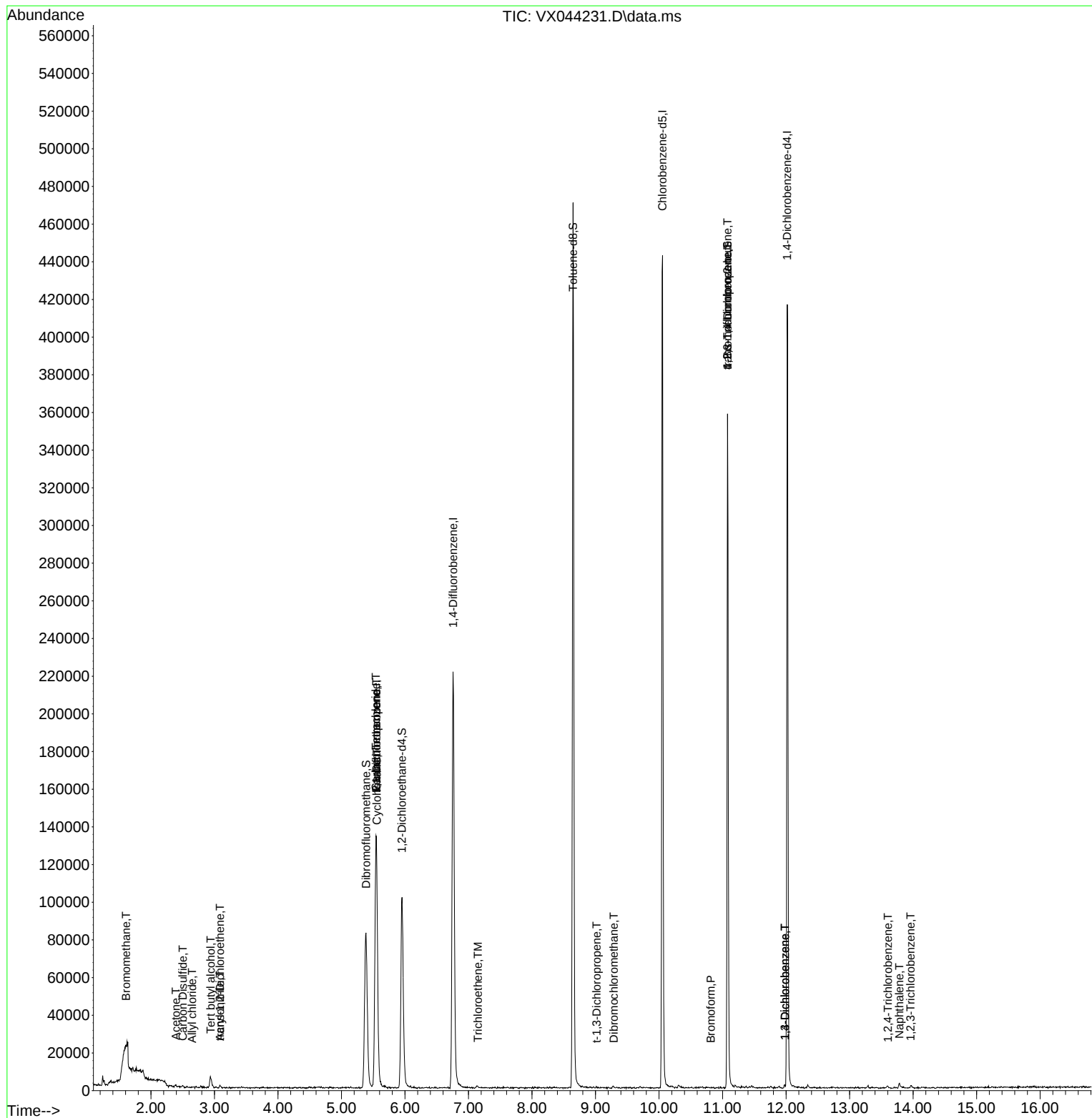
Internal Standards						
1) Pentafluorobenzene	5.550	168	118071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97547	47.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.240%		
35) Dibromofluoromethane	5.385	113	71560	47.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.420%		
50) Toluene-d8	8.647	98	266361	52.641	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.280%		
62) 4-Bromofluorobenzene	11.079	95	91612	51.815	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.620%		
Target Compounds						Qvalue
5) Bromomethane	1.605	94	513	0.398	ug/l #	75
11) Tert butyl alcohol	2.940	59	3073	10.533	ug/l #	71
14) Allyl chloride	2.648	41	492	0.223	ug/l #	40
15) Acrylonitrile	3.087	53	187	0.231	ug/l #	89
16) Acetone	2.392	43	673	0.797	ug/l #	89
17) Carbon Disulfide	2.501	76	1167	0.464	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	285	0.203	ug/l #	82
31) Cyclohexane	5.556	56	3255	1.457	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	10938	5.642	ug/l #	51
38) Carbon Tetrachloride	5.544	117	14096	6.753	ug/l #	17
44) Trichloroethene	7.147	130	390	0.266	ug/l	42
53) t-1,3-Dichloropropene	9.019	75	185	1.084	ug/l #	41
60) Dibromochloromethane	9.287	129	116	1.307	ug/l #	11
71) Bromoform	10.817	173	32	1.267	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	50582	27.277	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	50582	75.021	ug/l #	4
87) 1,3-Dichlorobenzene	11.981	146	554	0.206	ug/l	90
88) 1,4-Dichlorobenzene	11.981	146	554	0.200	ug/l	90
93) 1,2,4-Trichlorobenzene	13.603	180	521	0.340	ug/l #	57
95) Naphthalene	13.786	128	2754	0.460	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.963	180	465	0.286	ug/l #	82

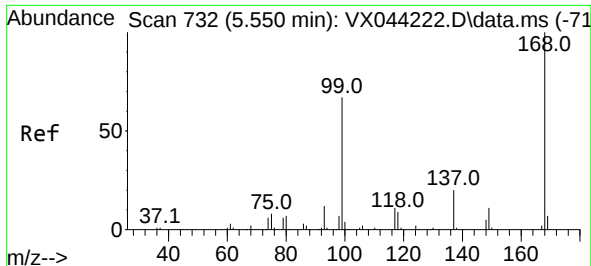
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Dec 12 04:54:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

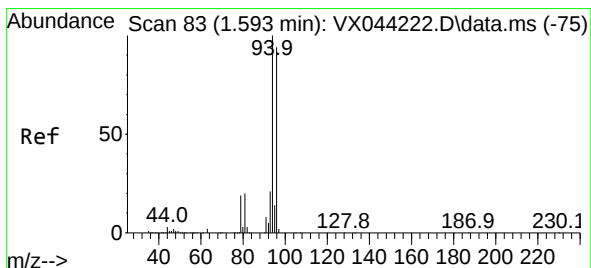
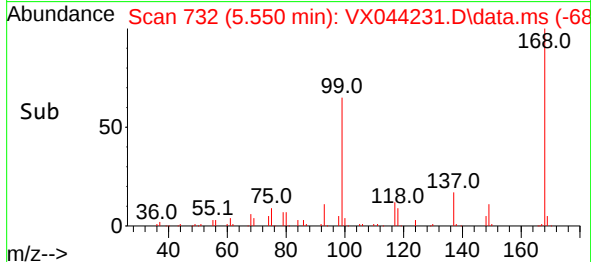
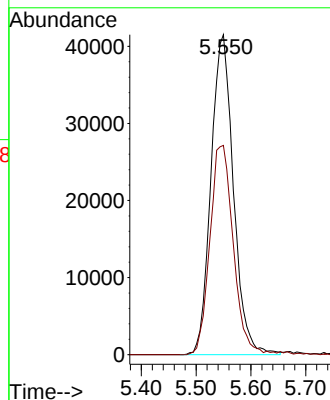
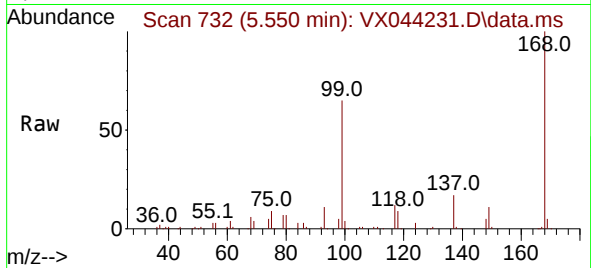




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

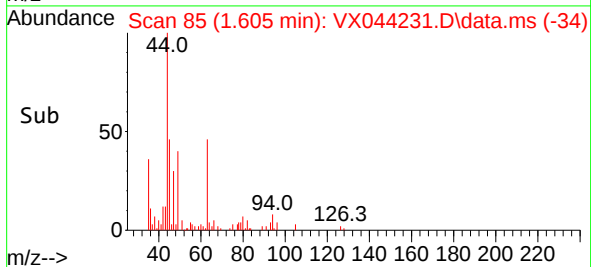
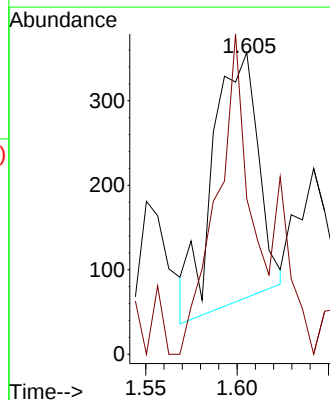
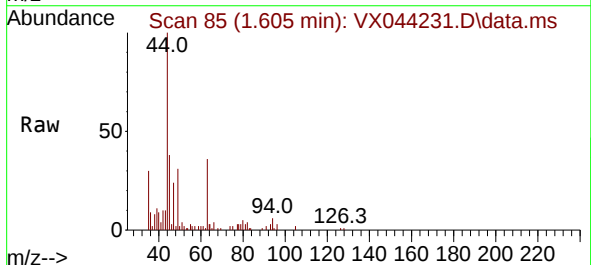
Instrument :
MSVOA_X
ClientSampleId :
IBLK

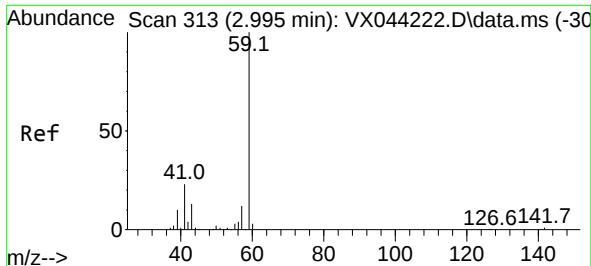
Tgt Ion:168 Resp: 118071
Ion Ratio Lower Upper
168 100
99 65.4 53.4 80.0



#5
Bromomethane
Concen: 0.398 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 69.2 74.9 112.3#

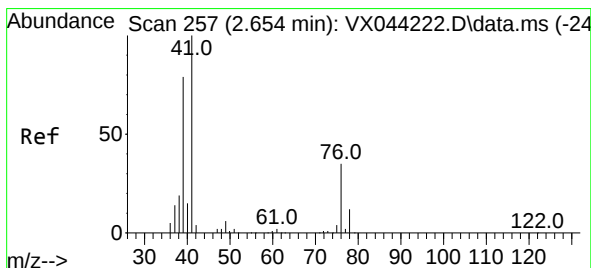
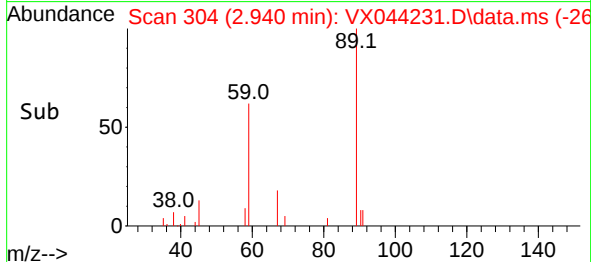
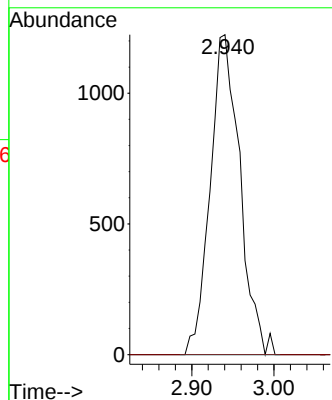
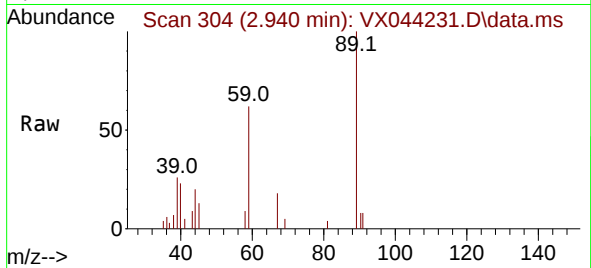




#11
Tert butyl alcohol
Concen: 10.533 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

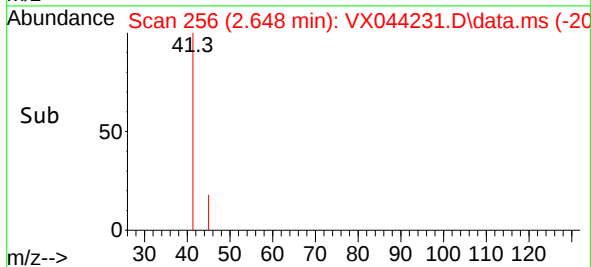
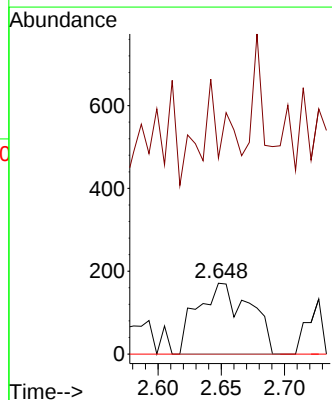
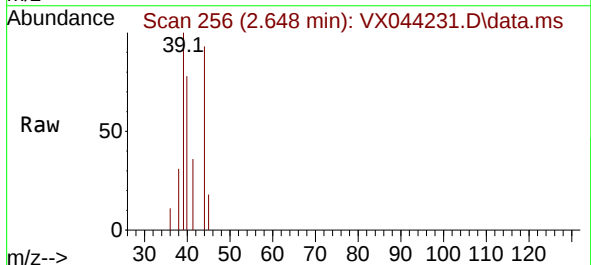
Instrument :
MSVOA_X
ClientSampleId :
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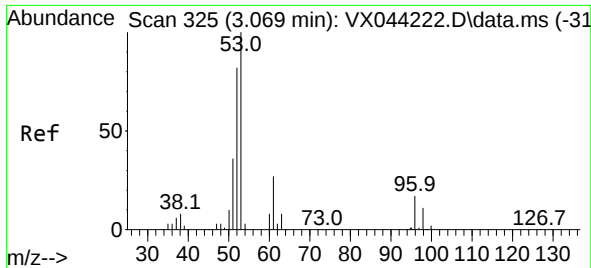
Tgt Ion: 59 Resp: 3073
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#14
Allyl chloride
Concen: 0.223 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.006 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 41 Resp: 492
Ion Ratio Lower Upper
41 100
39 25.0 61.9 92.9#
76 0.0 27.4 41.2#

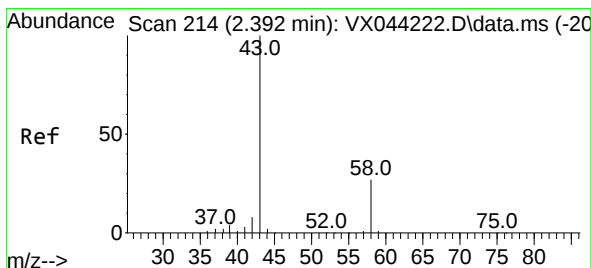
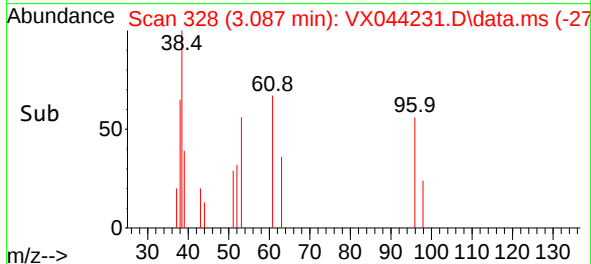
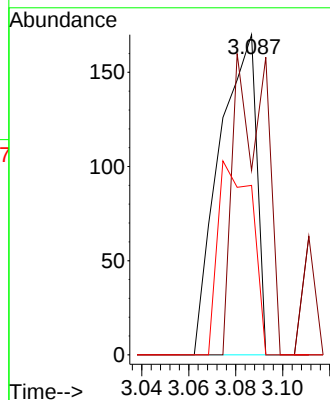
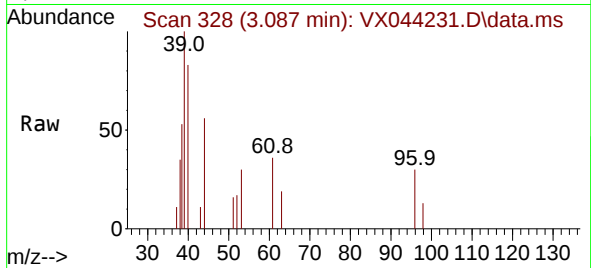




#15
Acrylonitrile
Concen: 0.231 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

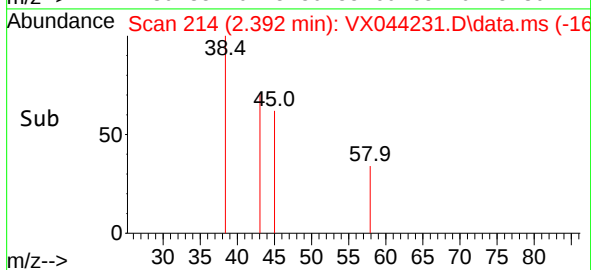
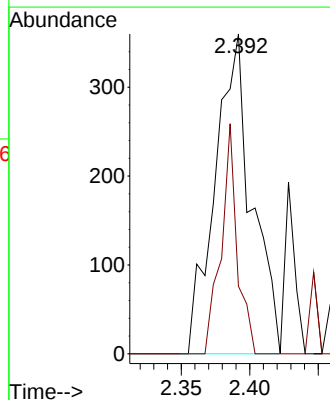
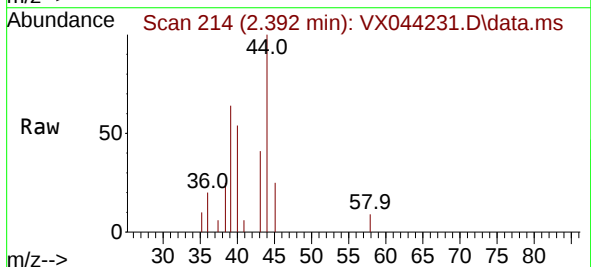
Instrument :
MSVOA_X
ClientSampleId :
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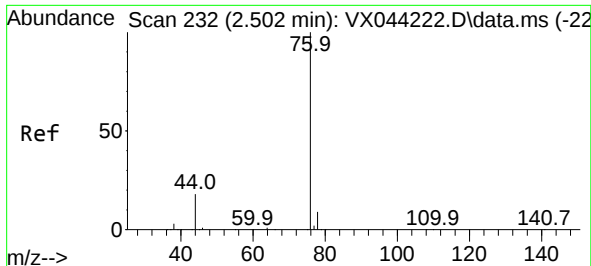
Tgt Ion: 53 Resp: 187
Ion Ratio Lower Upper
53 100
52 81.3 67.4 101.0
51 55.1 30.3 45.5#



#16
Acetone
Concen: 0.797 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 21.1 21.6 32.4#

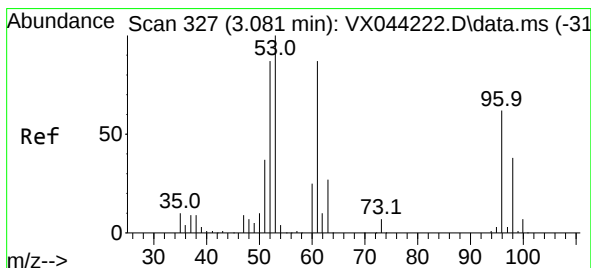
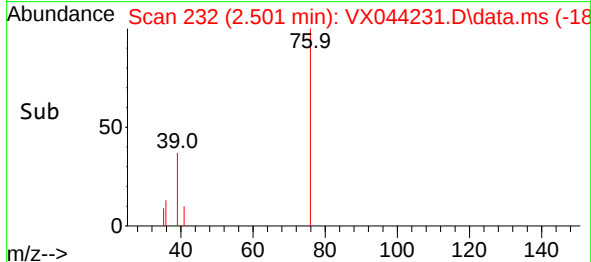
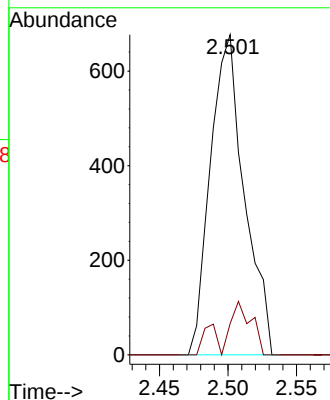
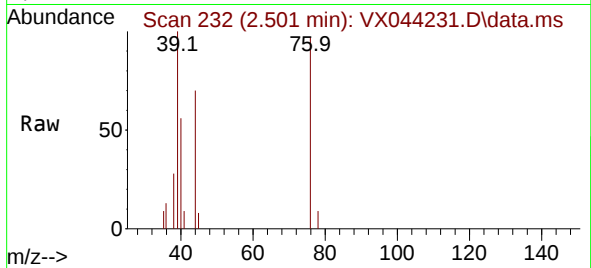




#17
Carbon Disulfide
Concen: 0.464 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

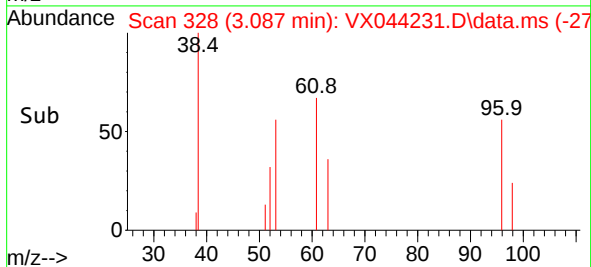
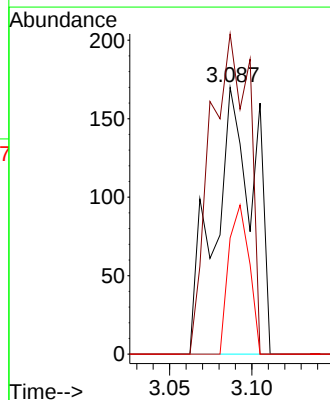
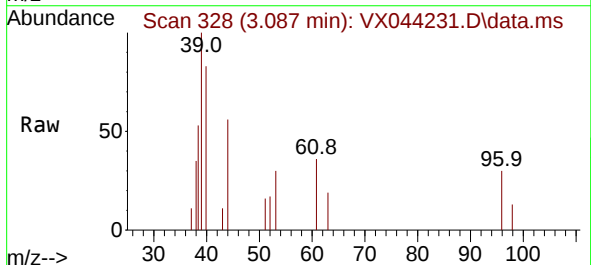
Instrument :
MSVOA_X
ClientSampleId :
IBLK

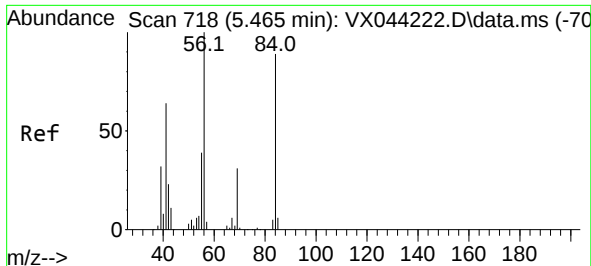
Tgt Ion: 76 Resp: 1167
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



#21
trans-1,2-Dichloroethene
Concen: 0.203 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 96 Resp: 285
Ion Ratio Lower Upper
96 100
61 120.0 112.0 168.0
98 43.5 48.8 73.2#

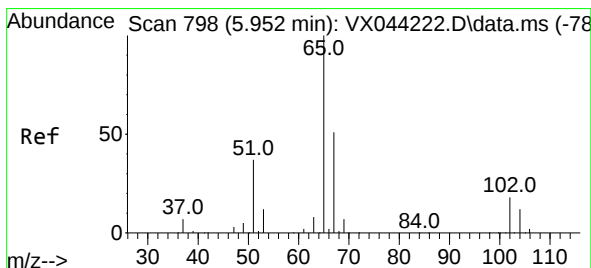
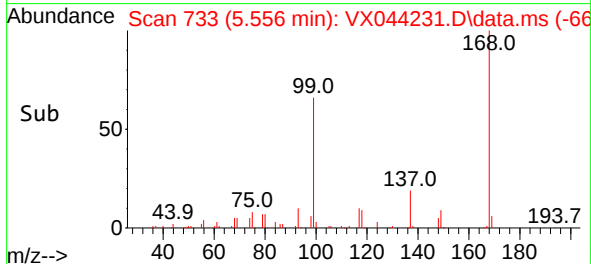
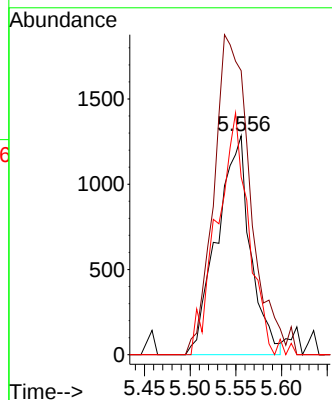
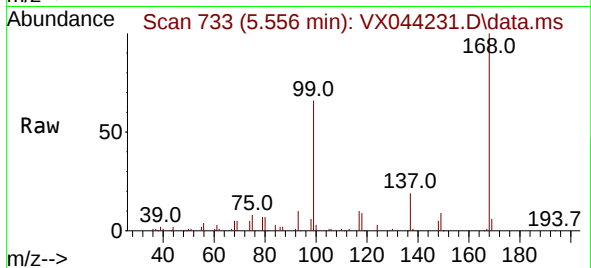




#31
Cyclohexane
Concen: 1.457 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

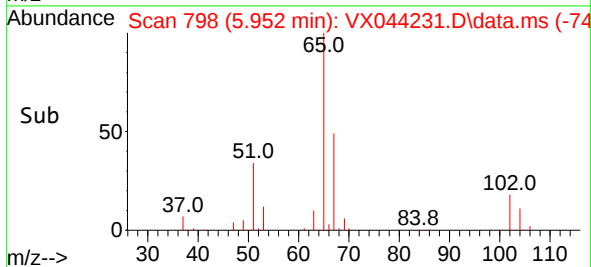
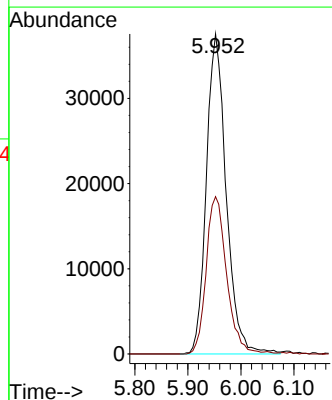
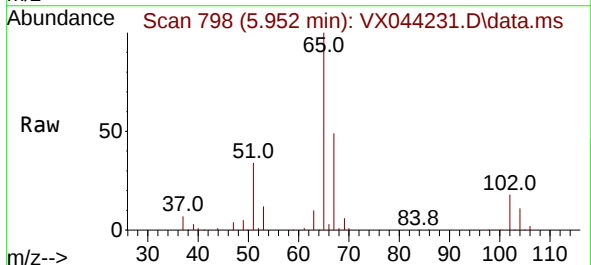
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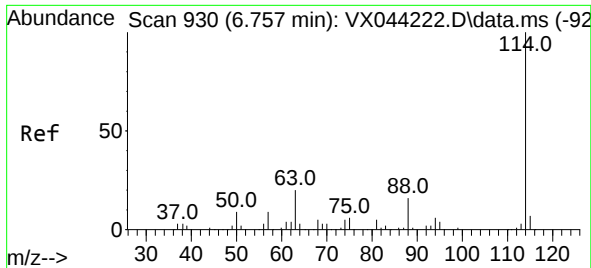
Tgt Ion: 56 Resp: 3255
Ion Ratio Lower Upper
56 100
69 129.8 24.7 37.1#
84 81.2 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 47.120 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 65 Resp: 97547
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.6

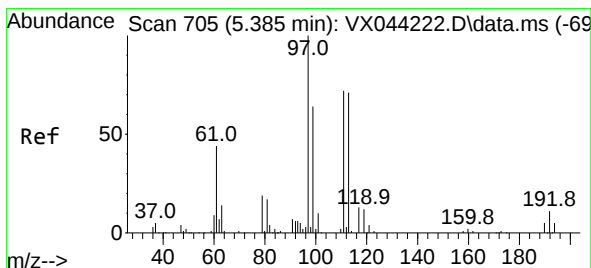
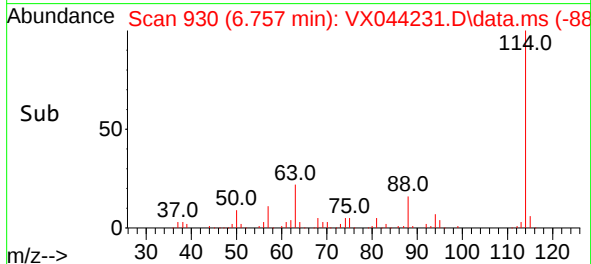
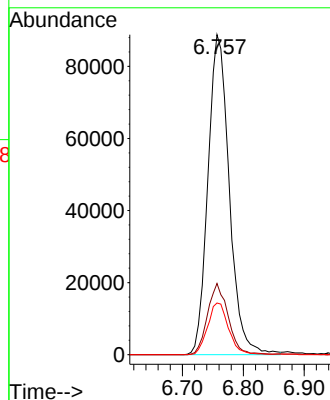
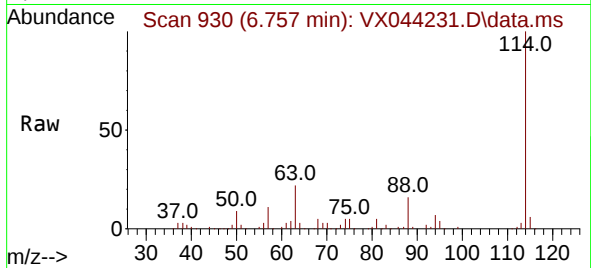




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

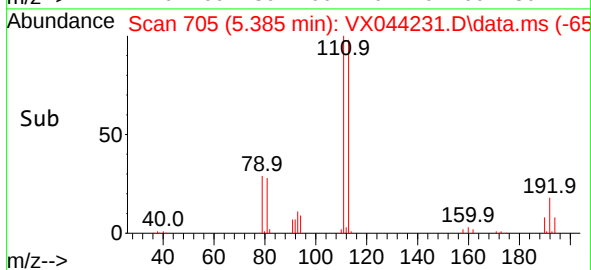
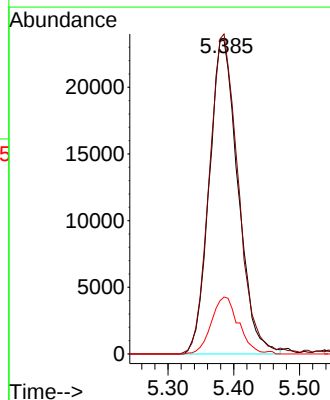
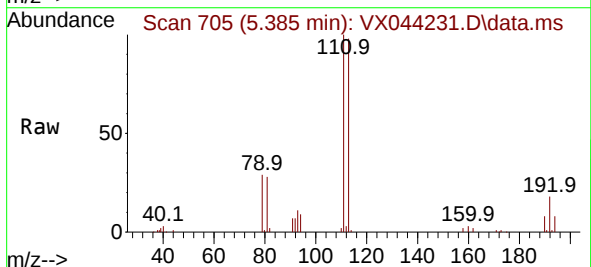
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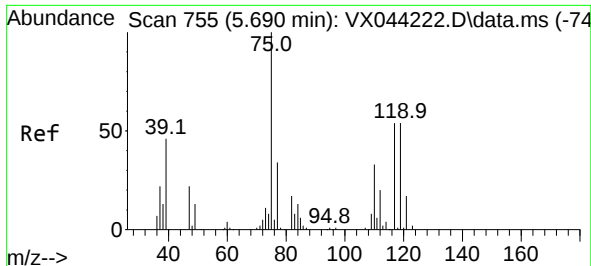
Tgt Ion:114 Resp: 216551
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.6
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion:113 Resp: 71560
Ion Ratio Lower Upper
113 100
111 102.7 80.4 120.6
192 17.3 13.3 19.9

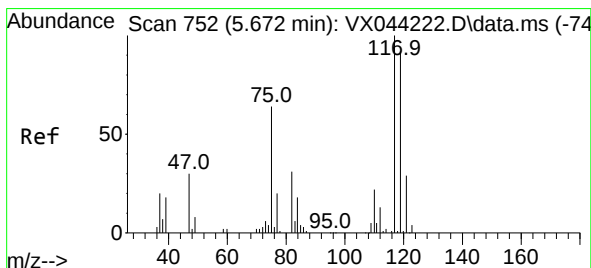
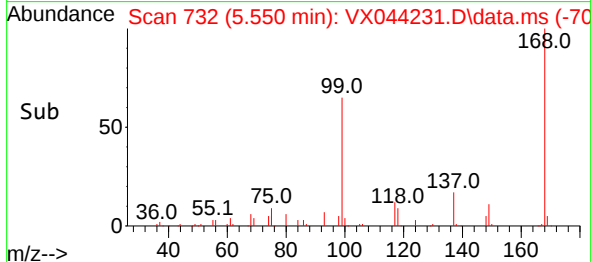
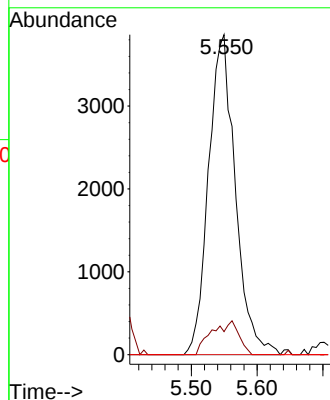
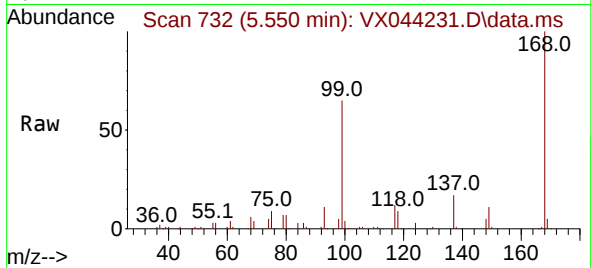




#36
1,1-Dichloropropene
Concen: 5.642 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

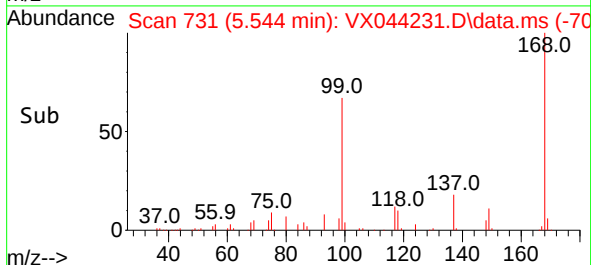
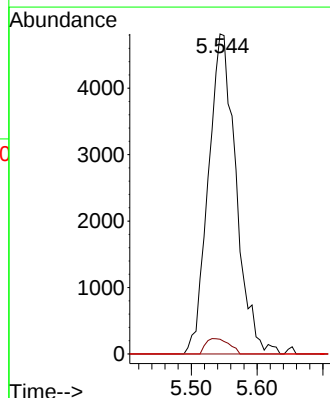
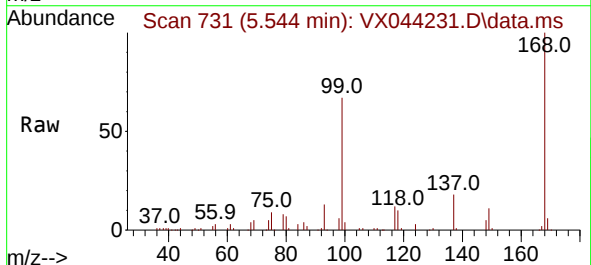
Instrument :
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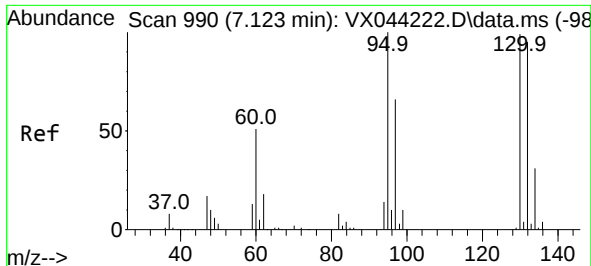
Tgt Ion: 75 Resp: 10938
Ion Ratio Lower Upper
75 100
110 10.8 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.753 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 117 Resp: 14096
Ion Ratio Lower Upper
117 100
119 4.6 74.2 111.4#
121 0.0 23.0 34.6#

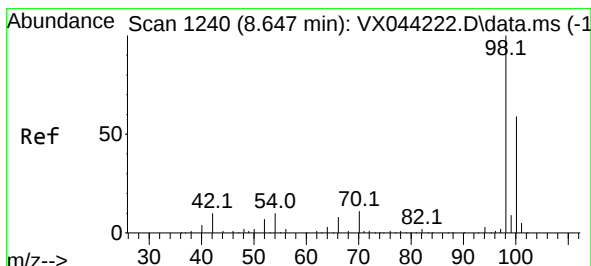
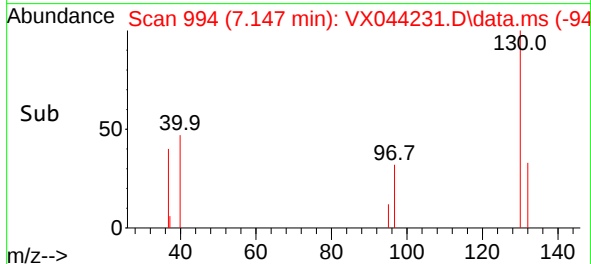
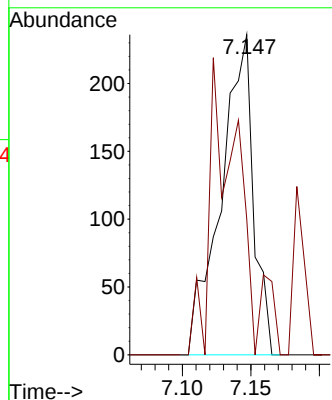
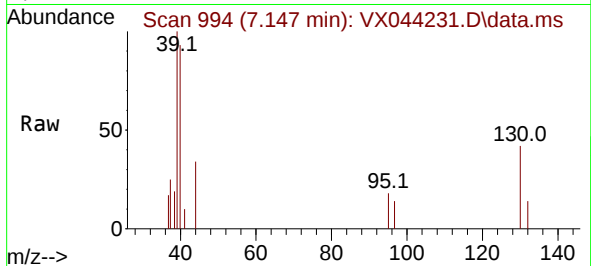




#44
Trichloroethene
Concen: 0.266 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.024 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

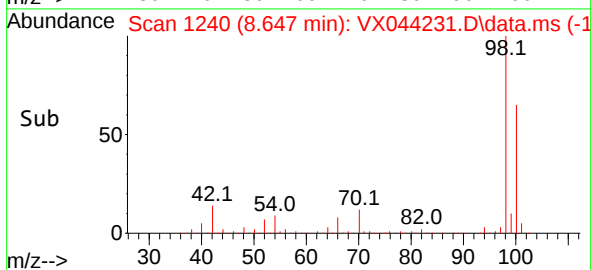
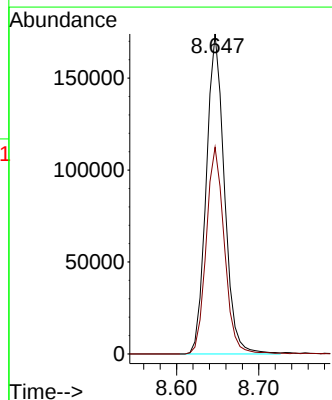
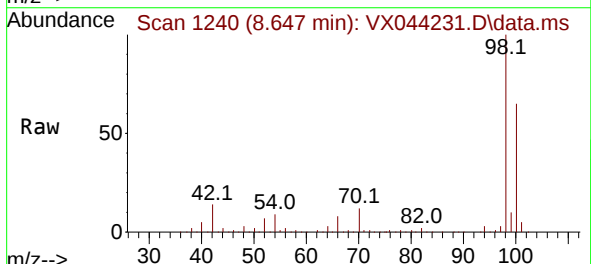
Instrument :
MSVOA_X
ClientSampleId :
IBLK

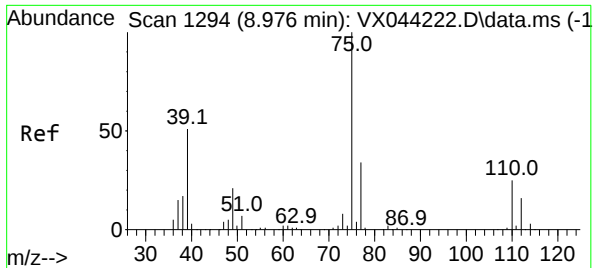
Tgt Ion:130 Resp: 390
Ion Ratio Lower Upper
130 100
95 42.4 0.0 201.4



#50
Toluene-d8
Concen: 52.641 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 98 Resp: 266361
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3





#53

t-1,3-Dichloropropene

Concen: 1.084 ug/l

RT: 9.019 min Scan# 11

Delta R.T. 0.042 min

Lab File: VX044231.D

Acq: 11 Dec 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

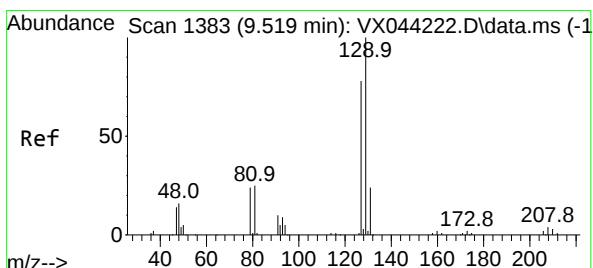
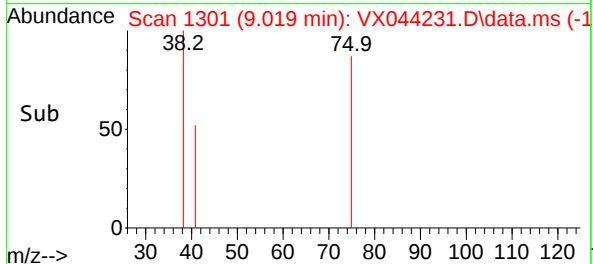
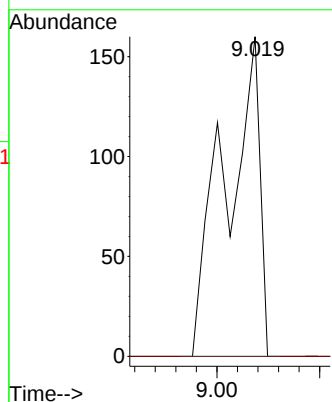
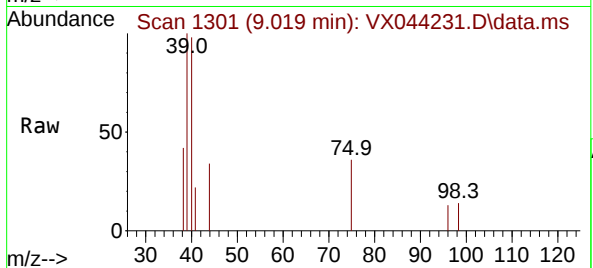
IBLK

Tgt Ion: 75 Resp: 185

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#



#60

Dibromochloromethane

Concen: 1.307 ug/l

RT: 9.287 min Scan# 1345

Delta R.T. -0.232 min

Lab File: VX044231.D

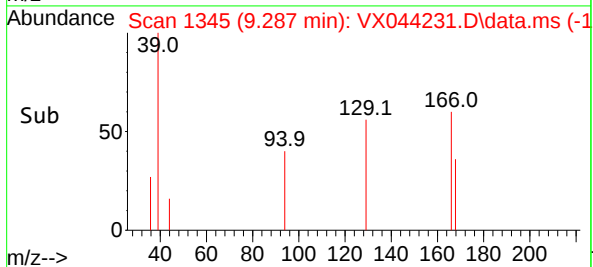
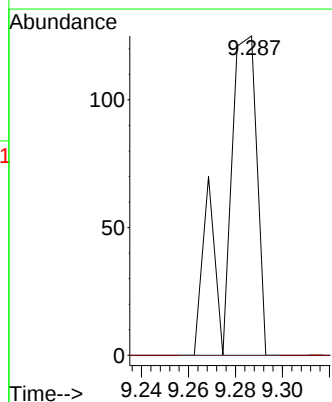
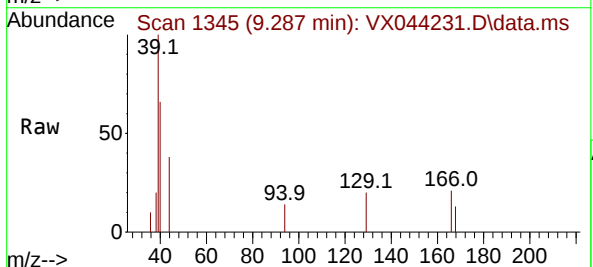
Acq: 11 Dec 2024 16:31

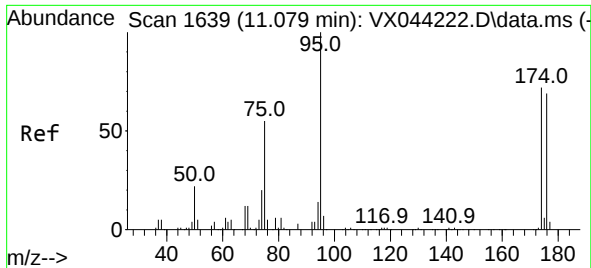
Tgt Ion: 129 Resp: 116

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

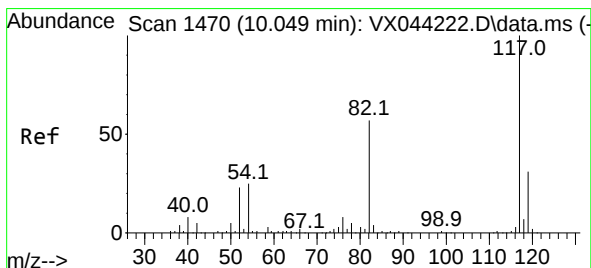
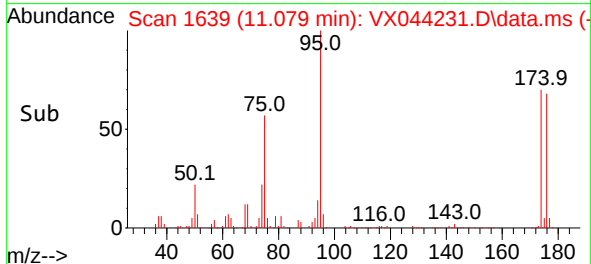
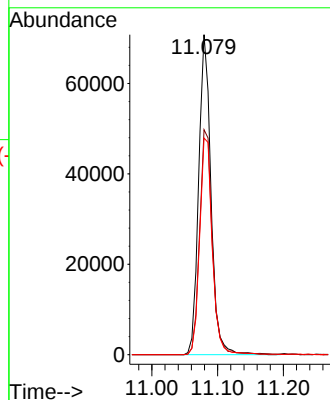
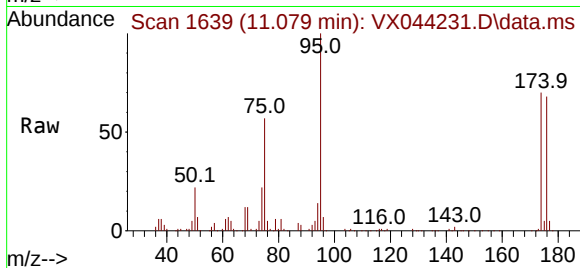




#62
4-Bromofluorobenzene
Concen: 51.815 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

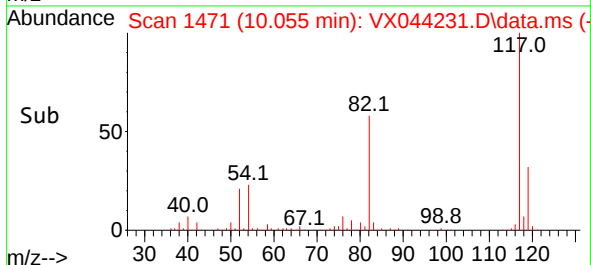
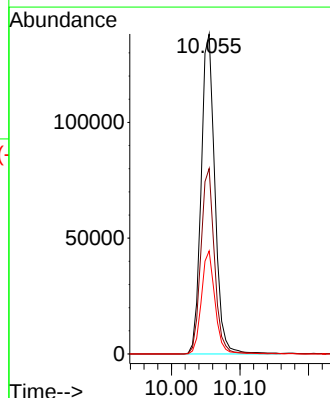
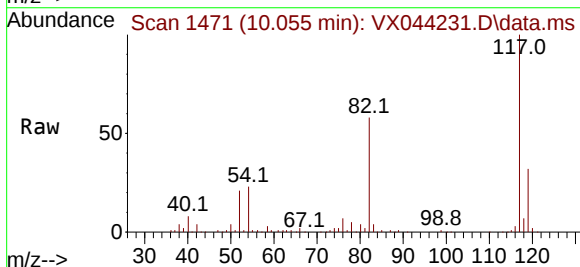
Instrument :
MSVOA_X
ClientSampleId :
IBLK

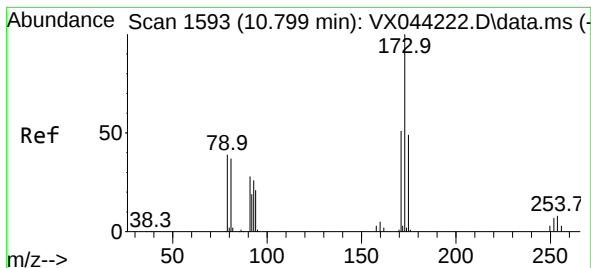
Tgt Ion: 95 Resp: 91612
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.8
176 69.9 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 117 Resp: 193218
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.8
119 32.2 25.0 37.4





#71

Bromoform

Concen: 1.267 ug/l

RT: 10.817 min Scan# 1596

Delta R.T. 0.018 min

Lab File: VX044231.D

Acq: 11 Dec 2024 16:31

Instrument :

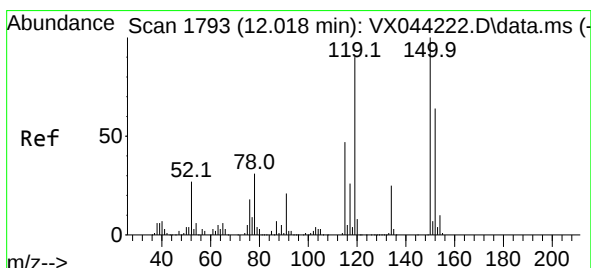
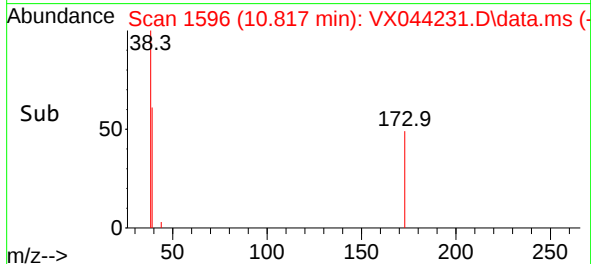
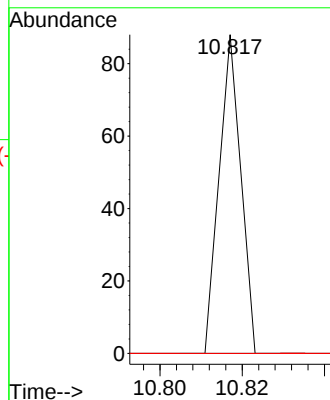
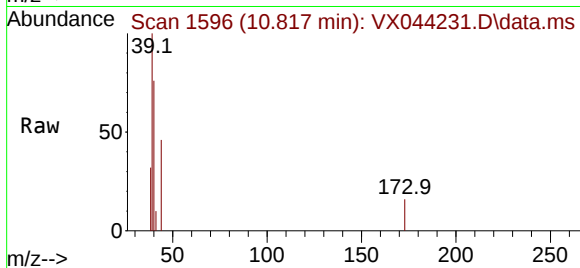
MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:173 Resp: 32

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.4#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

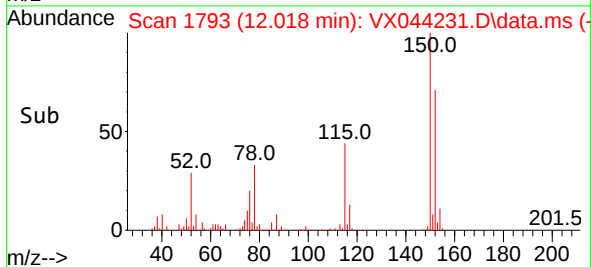
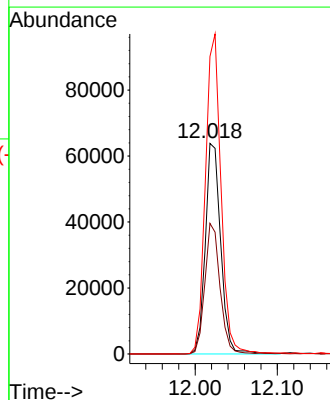
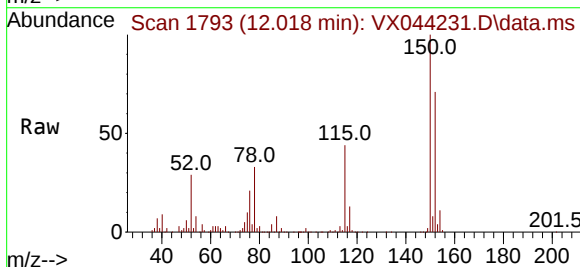
Delta R.T. -0.000 min

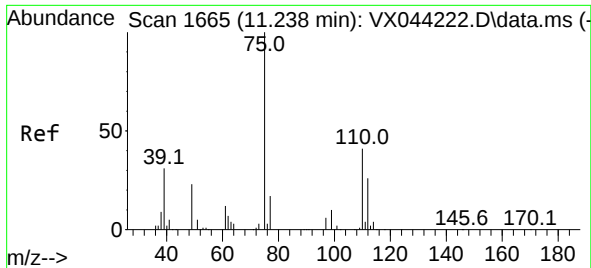
Lab File: VX044231.D

Acq: 11 Dec 2024 16:31

Tgt Ion:152 Resp: 83053

Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.5	133.3
150	153.8	0.0	353.8

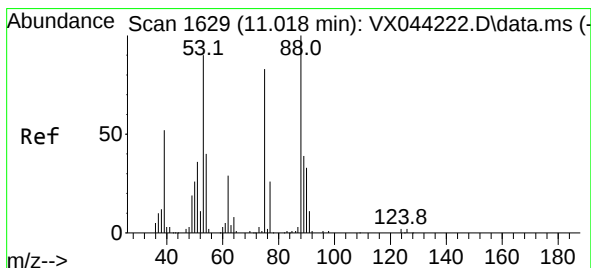
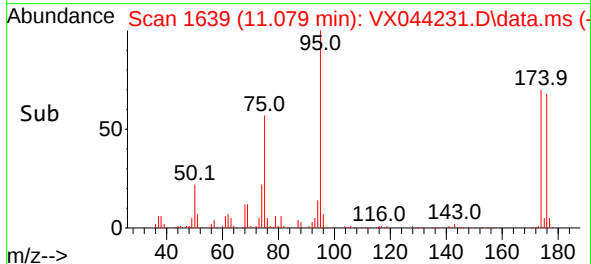
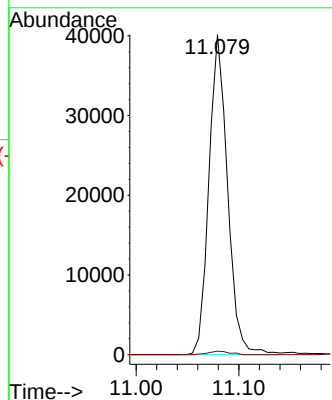
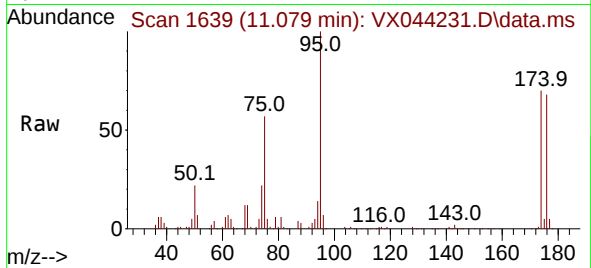




#76
1,2,3-Trichloropropane
Concen: 27.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

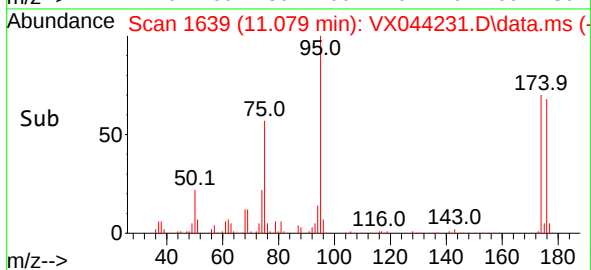
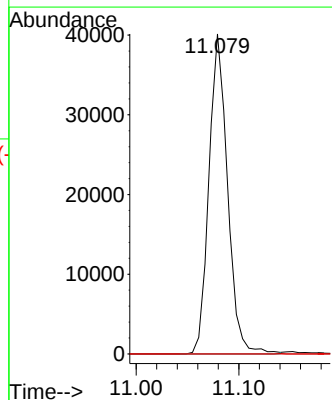
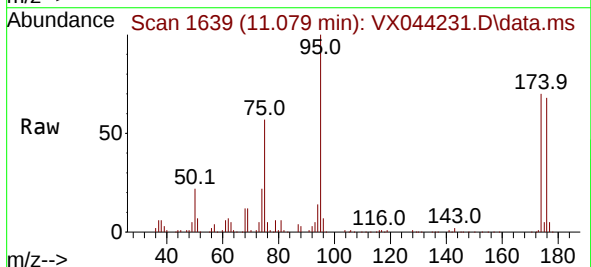
Instrument :
MSVOA_X
ClientSampleId :
IBLK

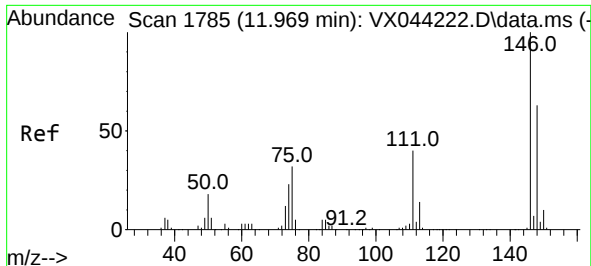
Tgt Ion: 75 Resp: 50582
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.021 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

Tgt Ion: 75 Resp: 50582
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#





#87

1,3-Dichlorobenzene

Concen: 0.206 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. 0.012 min

Lab File: VX044231.D

Acq: 11 Dec 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

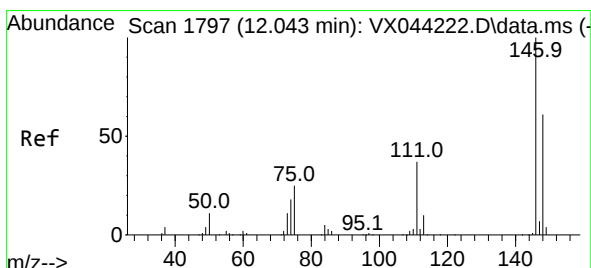
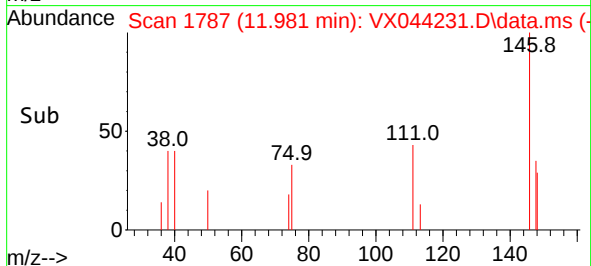
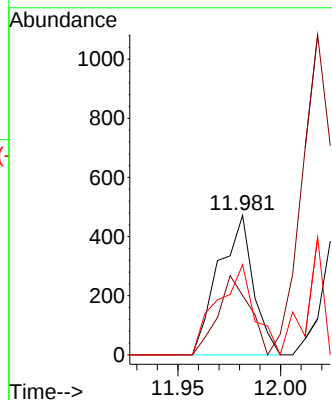
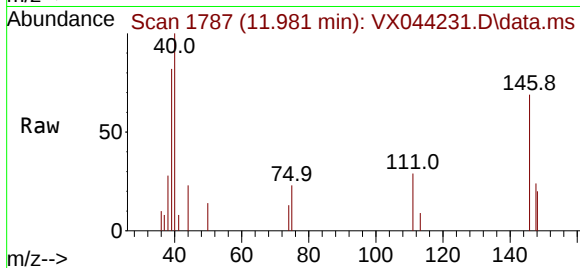
Tgt Ion:146 Resp: 554

Ion Ratio Lower Upper

146 100

111 52.2 21.4 64.2

148 69.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 0.200 ug/l

RT: 11.981 min Scan# 1787

Delta R.T. -0.061 min

Lab File: VX044231.D

Acq: 11 Dec 2024 16:31

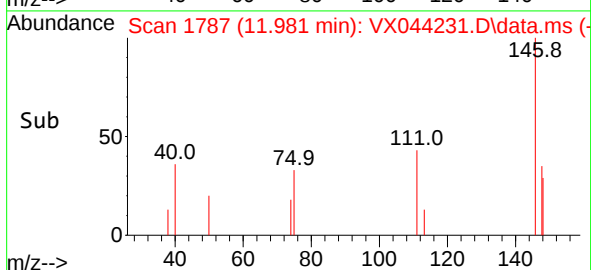
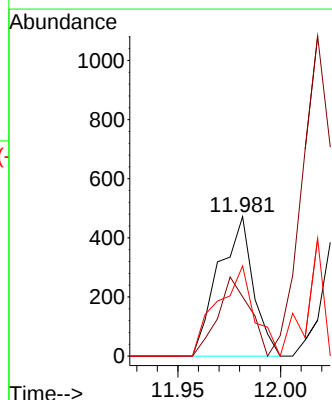
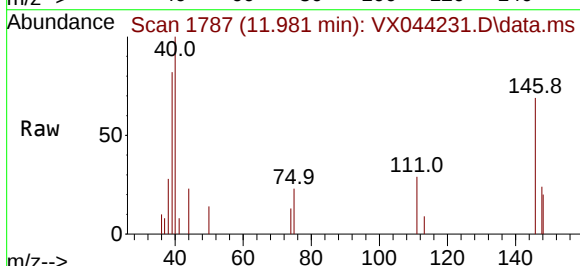
Tgt Ion:146 Resp: 554

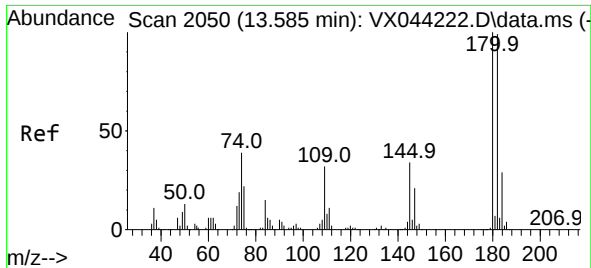
Ion Ratio Lower Upper

146 100

111 52.2 21.0 63.0

148 69.0 32.3 96.8

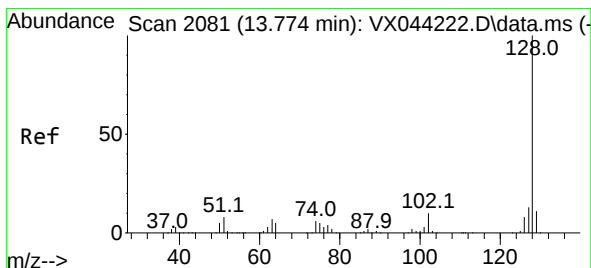
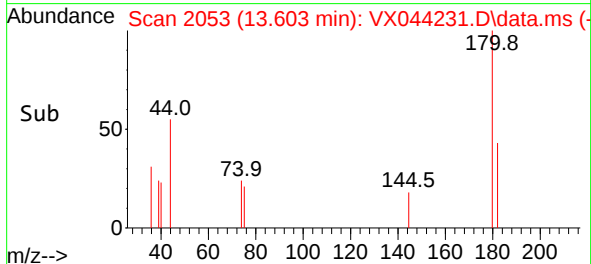
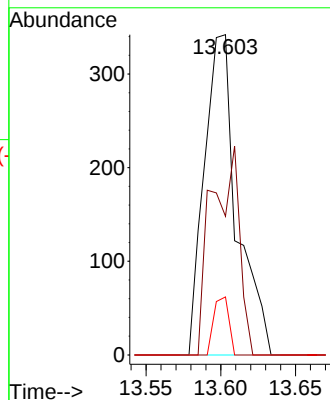
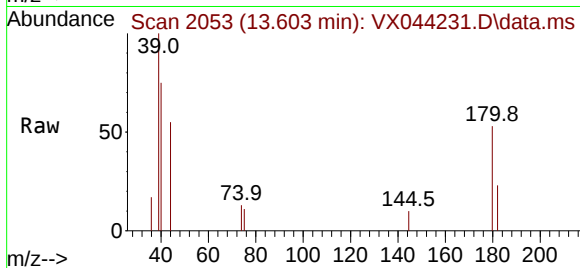




#93
1,2,4-Trichlorobenzene
Concen: 0.340 ug/l
RT: 13.603 min Scan# 2053
Delta R.T. 0.018 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

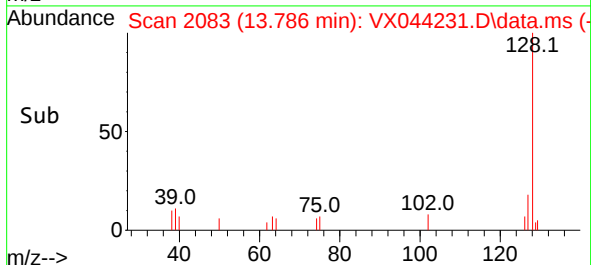
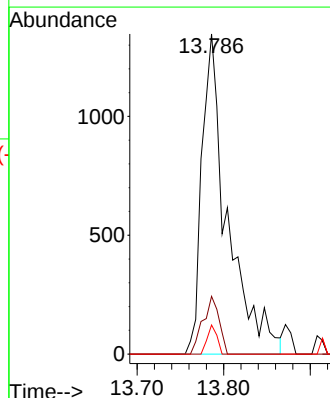
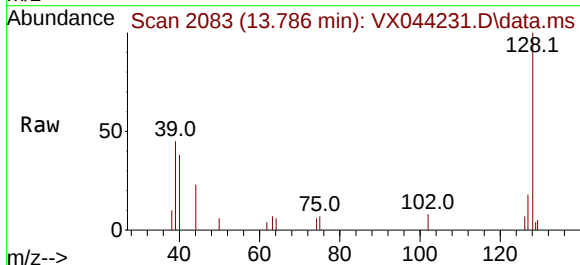
Instrument :
MSVOA_X
ClientSampleId :
IBLK

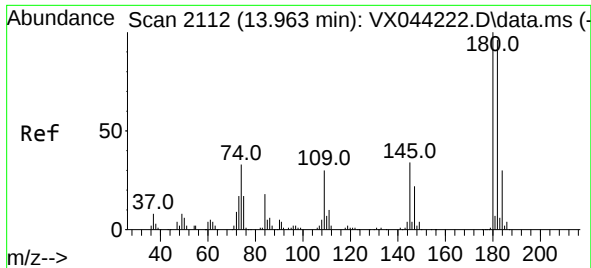
Tgt Ion:180 Resp: 521
Ion Ratio Lower Upper
180 100
182 54.9 48.0 144.2
145 8.4 16.6 49.7#



#95
Naphthalene
Concen: 0.460 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX044231.D
Acq: 11 Dec 2024 16:31

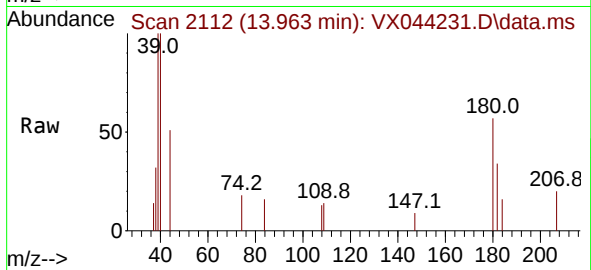
Tgt Ion:128 Resp: 2754
Ion Ratio Lower Upper
128 100
127 11.4 10.5 15.7
129 3.4 9.0 13.4#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.286 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX044231.D
 Acq: 11 Dec 2024 16:31

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 465
 Ion Ratio Lower Upper
 180 100
 182 90.8 48.0 144.0
 145 4.7 17.7 53.1#

