

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044043.D
 Acq On : 27 Nov 2024 16:11
 Operator : JC/MD
 Sample : P4960-05ME
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 28 00:52:07 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)

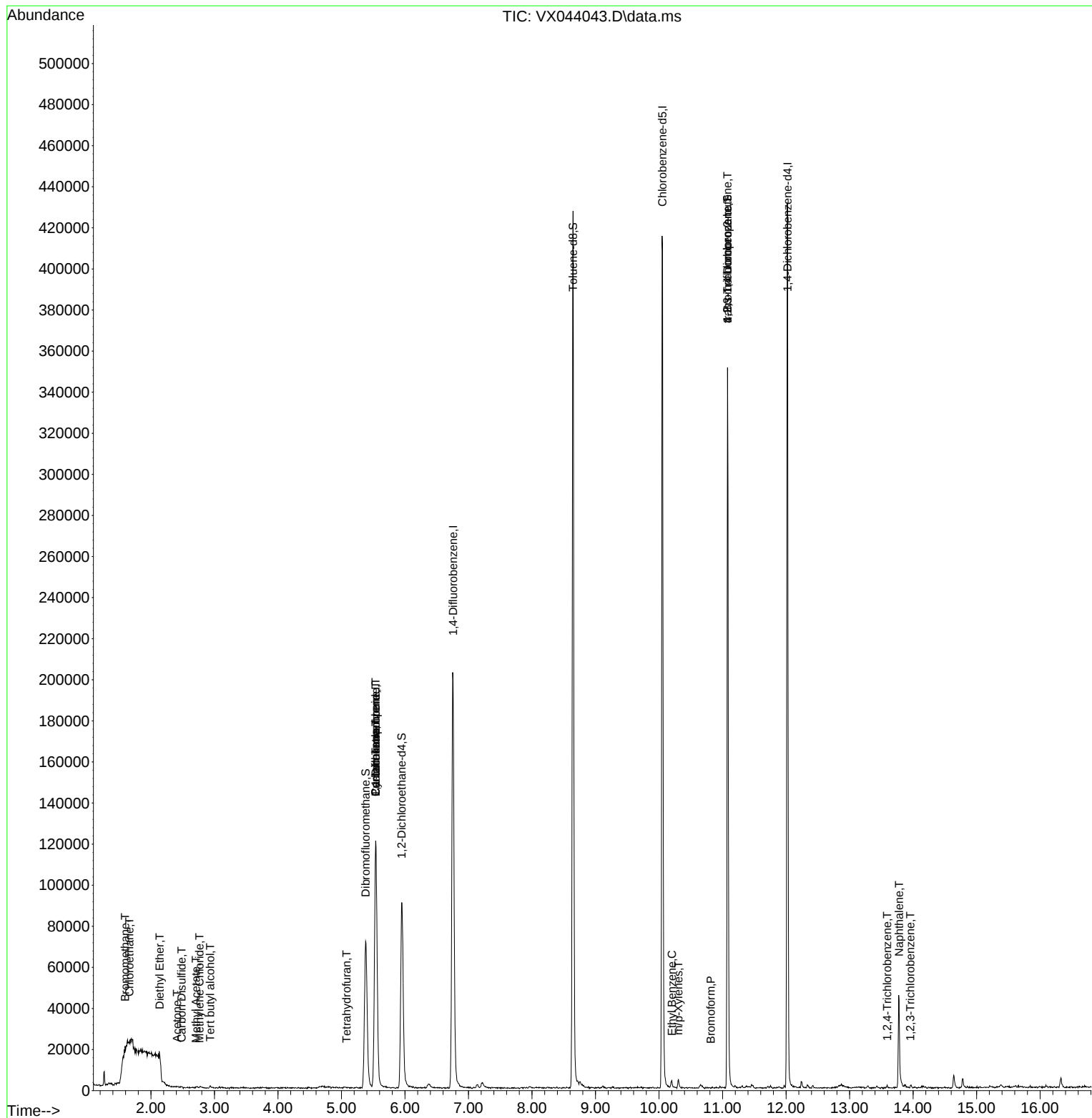
Internal Standards						
1) Pentafluorobenzene	5.538	168	101230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	203097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93530	53.868	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.740%			
35) Dibromofluoromethane	5.379	113	62319	42.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 85.880%			
50) Toluene-d8	8.647	98	252057	50.386	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	90357	53.073	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.140%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	657	0.744	ug/l #	64
6) Chloroethane	1.660	64	225	0.257	ug/l #	42
8) Diethyl Ether	2.136	74	1080	1.155	ug/l #	1
11) Tert butyl alcohol	2.934	59	166	0.596	ug/l #	73
16) Acetone	2.410	43	682	0.855	ug/l	91
17) Carbon Disulfide	2.483	76	495	0.206	ug/l #	76
18) Methyl Acetate	2.709	43	864	0.465	ug/l #	85
20) Methylene Chloride	2.764	84	305	0.225	ug/l #	39
29) Tetrahydrofuran	5.080	42	506	0.802	ug/l #	44
31) Cyclohexane	5.538	56	3367	1.740	ug/l #	23
36) 1,1-Dichloropropene	5.538	75	10159	5.618	ug/l #	49
38) Carbon Tetrachloride	5.538	117	12083	5.946	ug/l #	17
67) Ethyl Benzene	10.201	91	2706	0.398	ug/l #	87
68) m/p-Xylenes	10.305	106	1074	0.423	ug/l	91
71) Bromoform	10.817	173	19	1.224	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	52800	29.077	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	52800	79.344	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	352	0.214	ug/l	77
95) Naphthalene	13.780	128	32689	5.519	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	341	0.205	ug/l	92

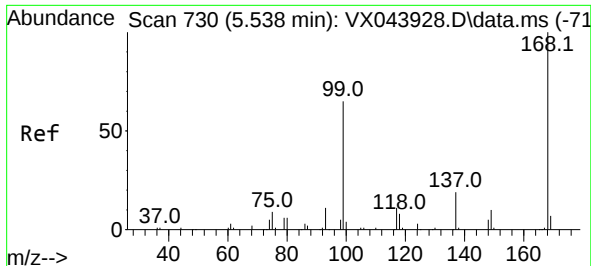
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Nov 28 00:52:07 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



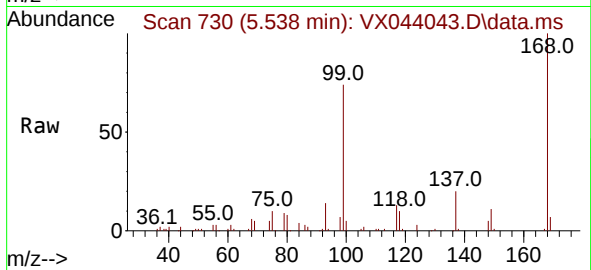


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

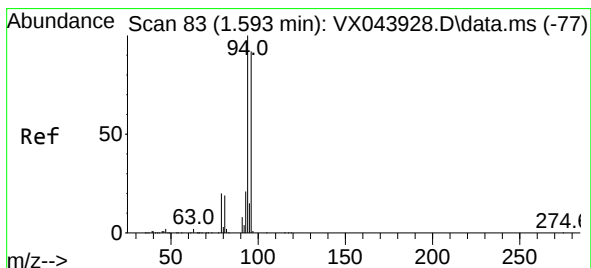
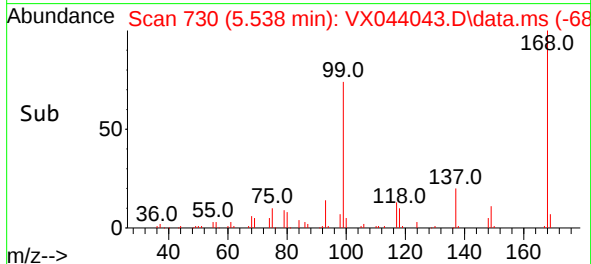
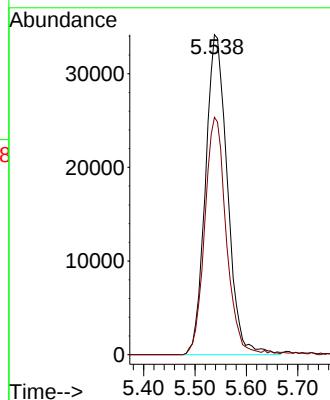
Instrument :

MSVOA_X

ClientSampleId :

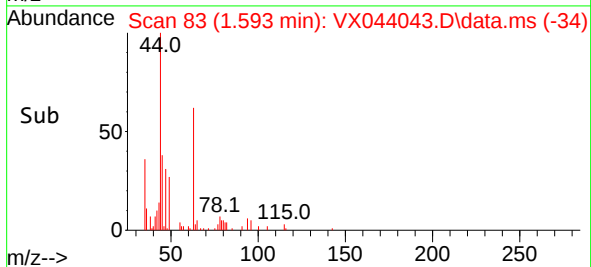
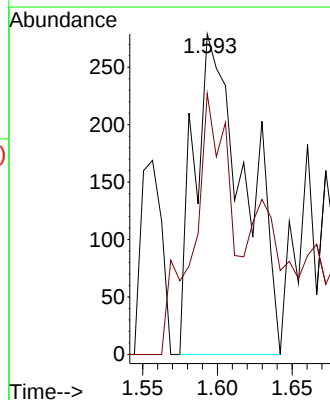
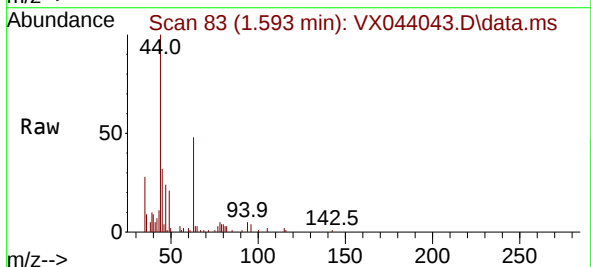


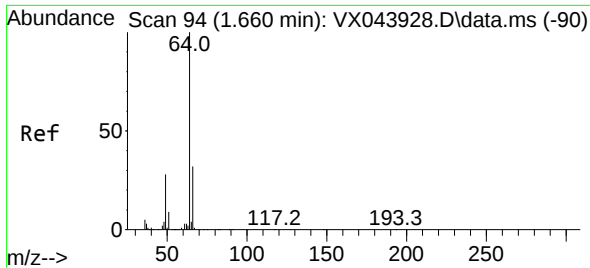
Tgt Ion:168 Resp: 101230
Ion Ratio Lower Upper
168 100
99 74.2 51.8 77.8



#5
Bromomethane
Concen: 0.744 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Tgt Ion: 94 Resp: 657
Ion Ratio Lower Upper
94 100
96 58.4 73.9 110.9#

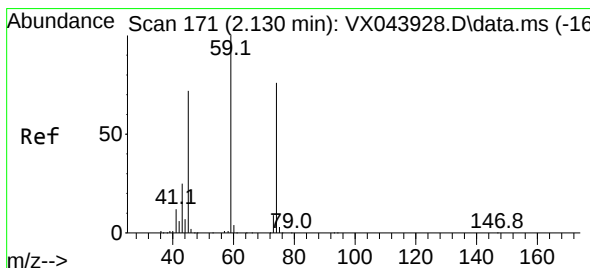
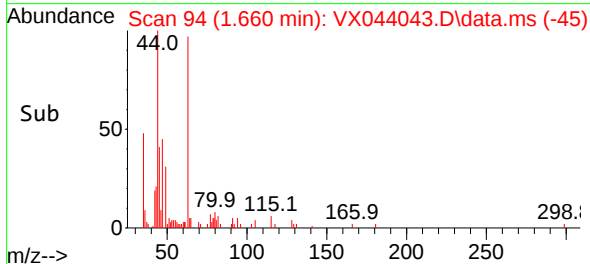
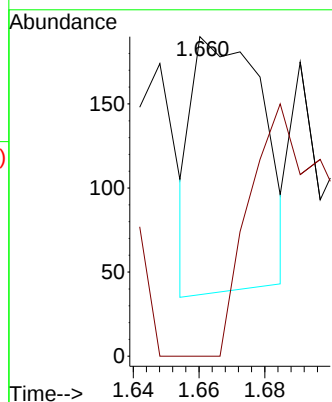
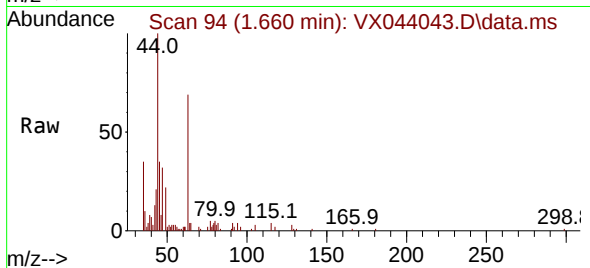




#6
Chloroethane
Concen: 0.257 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

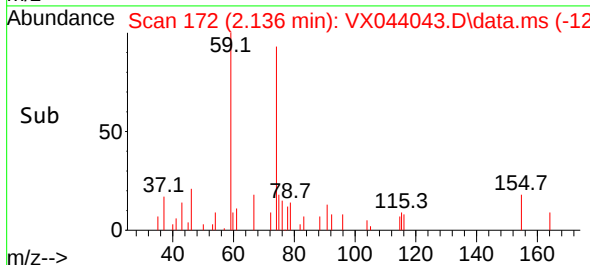
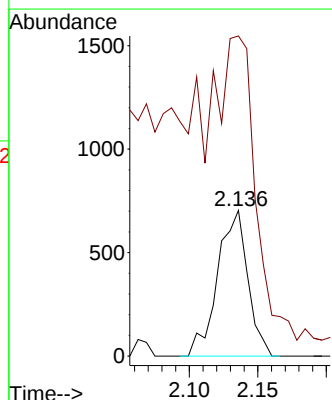
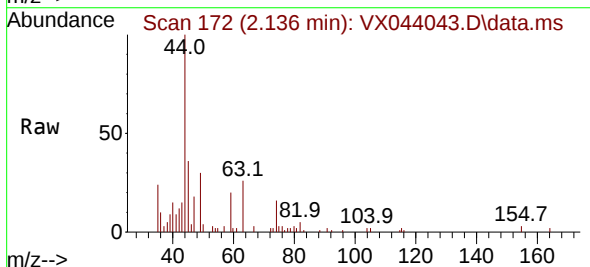
Instrument :
MSVOA_X
ClientSampleId :

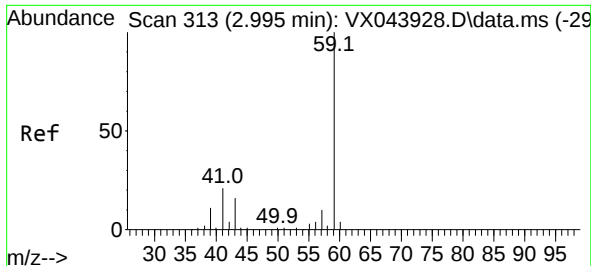
Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#8
Diethyl Ether
Concen: 1.155 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

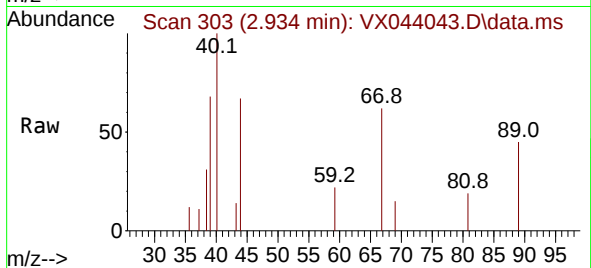
Tgt Ion: 74 Resp: 1080
Ion Ratio Lower Upper
74 100
45 195.6 47.9 143.6#



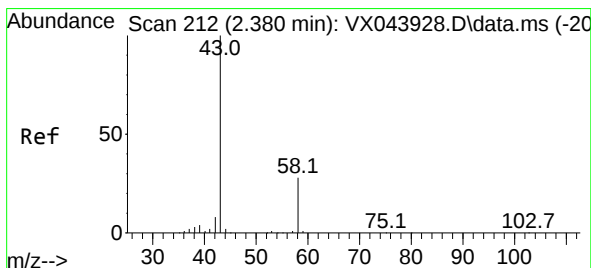
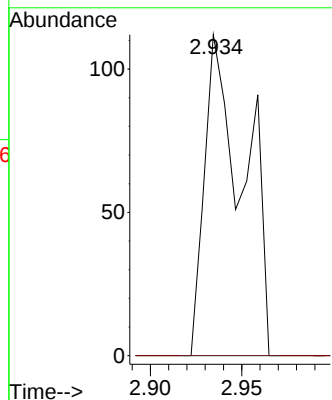
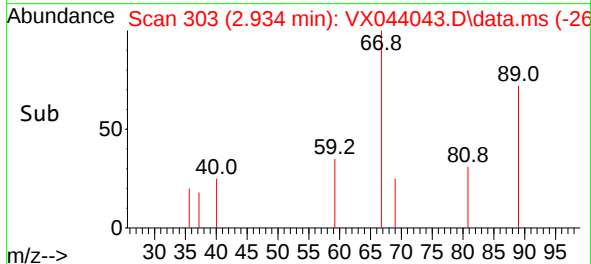


#11
Tert butyl alcohol
Concen: 0.596 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.061 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

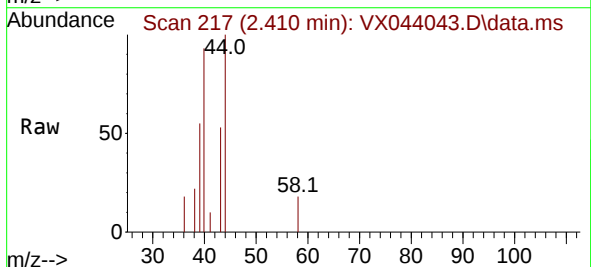
Instrument :
MSVOA_X
ClientSampleId :



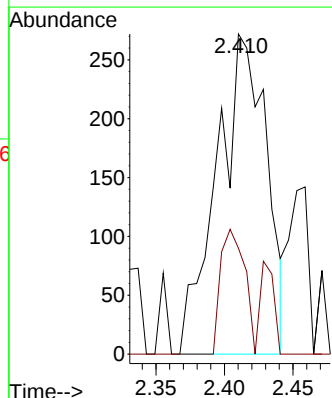
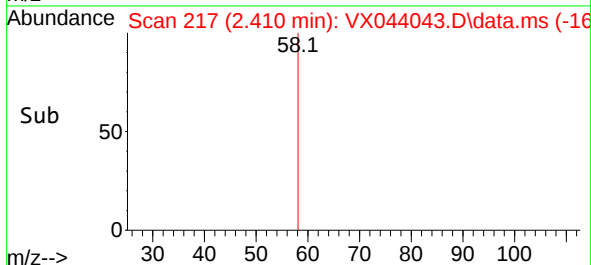
Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

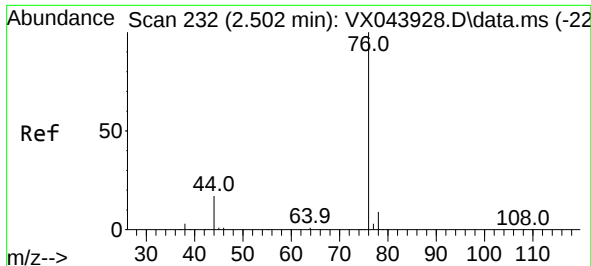


#16
Acetone
Concen: 0.855 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.030 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11



Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 33.1 22.7 34.1

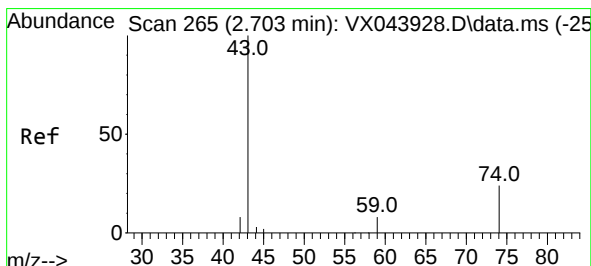
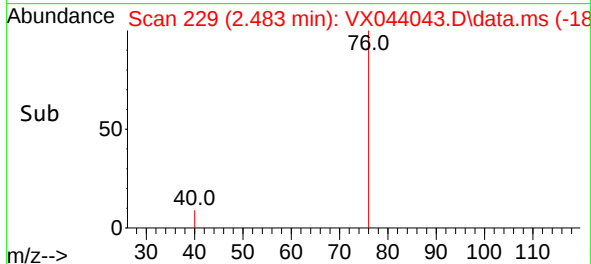
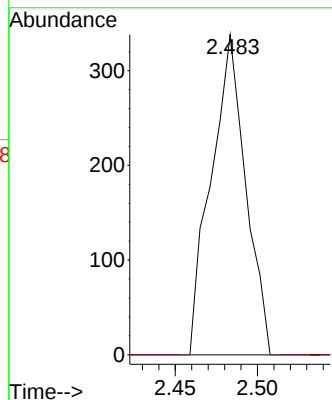
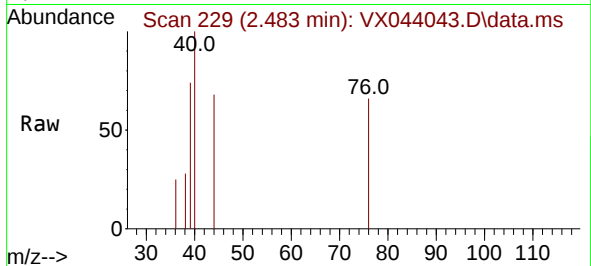




#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.483 min Scan# 21
Delta R.T. -0.018 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

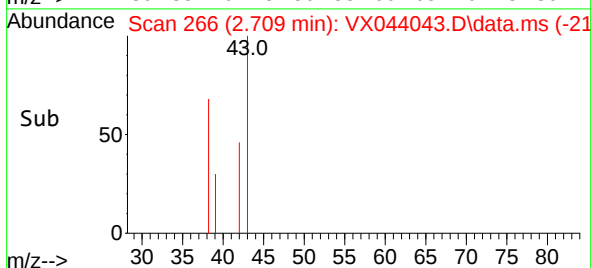
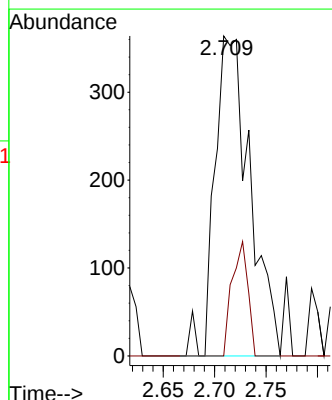
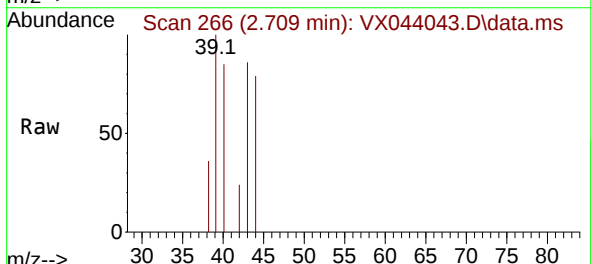
Instrument :
MSVOA_X
ClientSampleId :

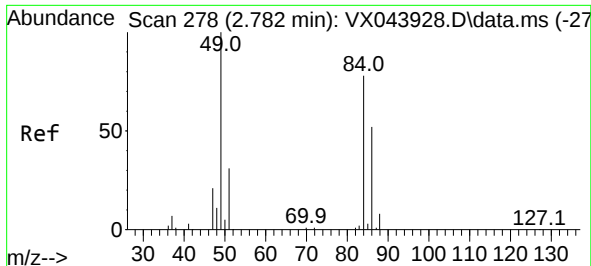
Tgt Ion: 76 Resp: 495
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.465 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
74 16.2 18.9 28.3#





#20

Methylene Chloride

Concen: 0.225 ug/l

RT: 2.764 min Scan# 21

Delta R.T. -0.018 min

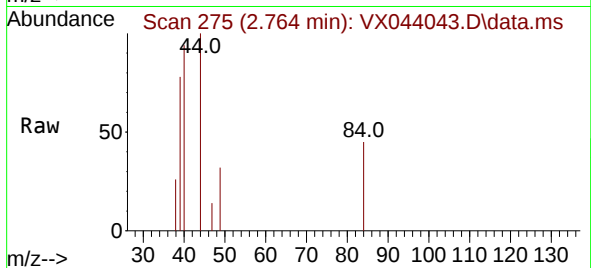
Lab File: VX044043.D

Acq: 27 Nov 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 305

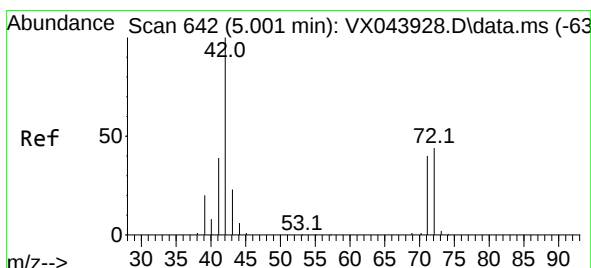
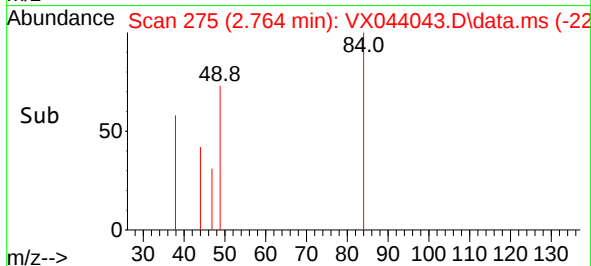
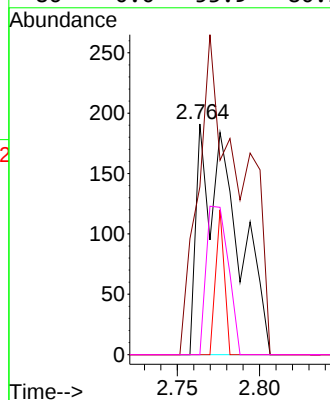
Ion Ratio Lower Upper

84 100

49 72.8 102.7 154.1#

51 0.0 31.7 47.5#

86 0.0 53.9 80.9#



#29

Tetrahydrofuran

Concen: 0.802 ug/l

RT: 5.080 min Scan# 655

Delta R.T. 0.079 min

Lab File: VX044043.D

Acq: 27 Nov 2024 16:11

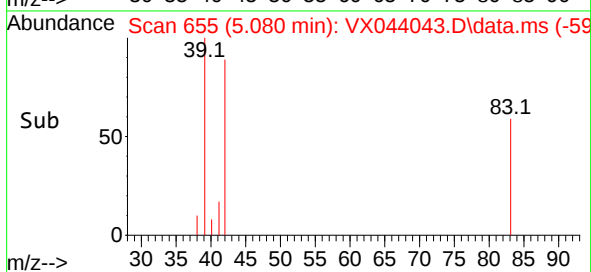
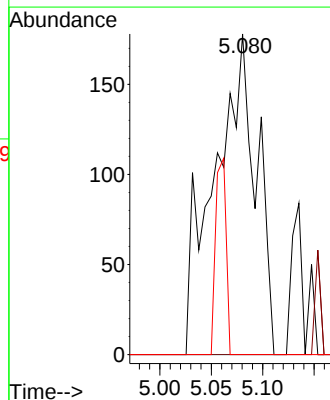
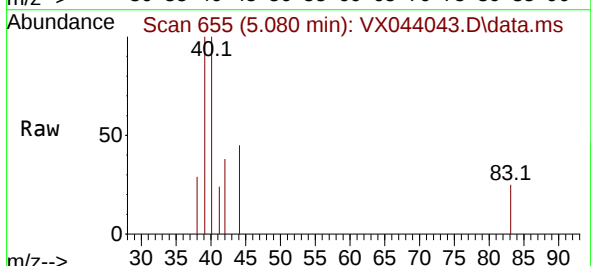
Tgt Ion: 42 Resp: 506

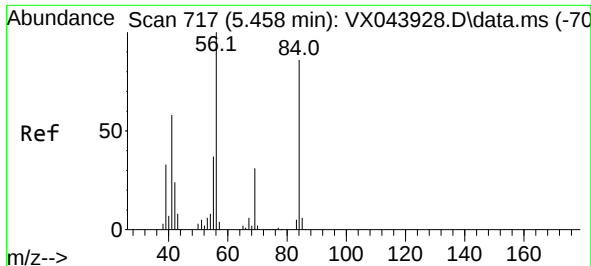
Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

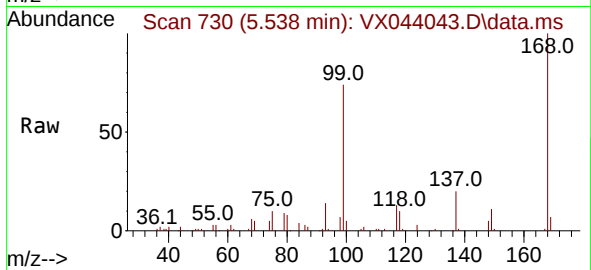
71 15.2 33.4 50.0#



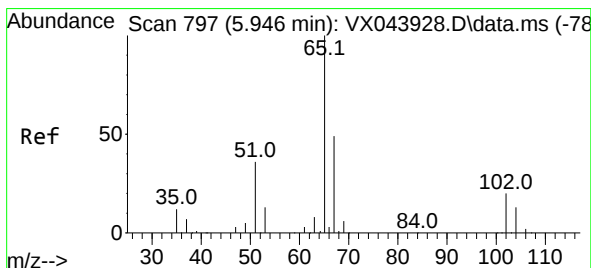
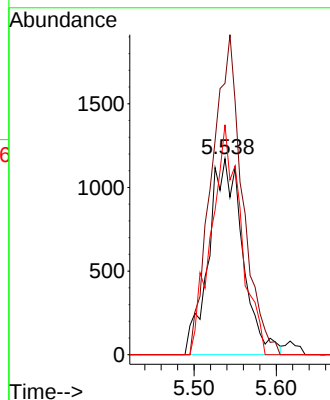
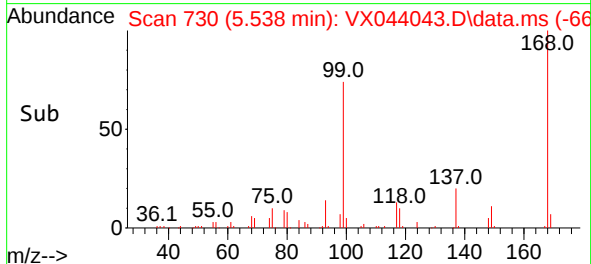


#31
Cyclohexane
Concen: 1.740 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Instrument :
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ClientSampleId :

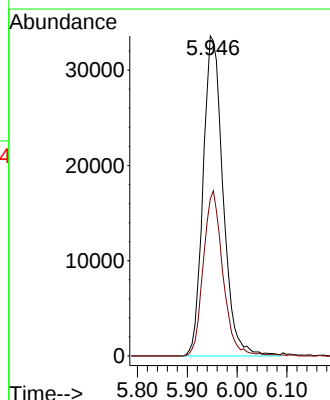
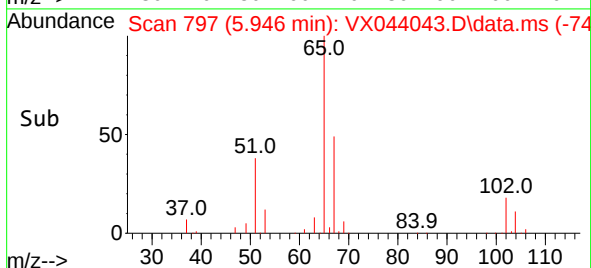
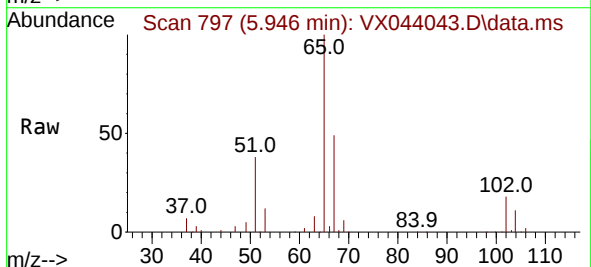


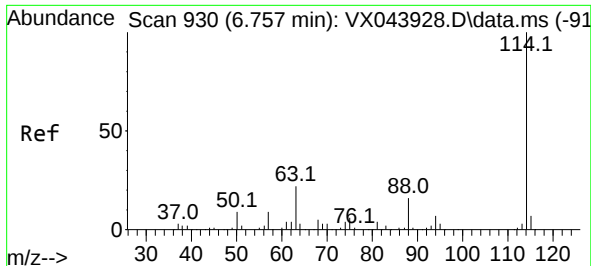
Tgt Ion: 56 Resp: 3367
Ion Ratio Lower Upper
56 100
69 138.4 24.7 37.1#
84 117.3 68.7 103.1#



#33
1,2-Dichloroethane-d4
Concen: 53.868 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

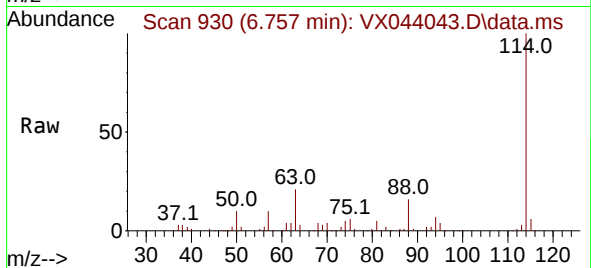
Tgt Ion: 65 Resp: 93530
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8



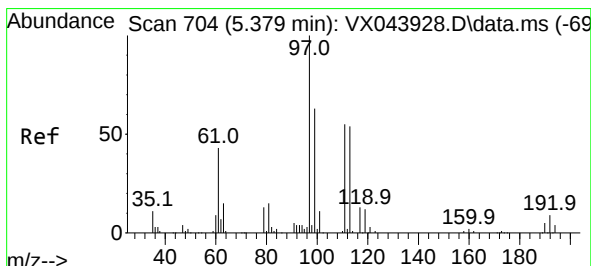
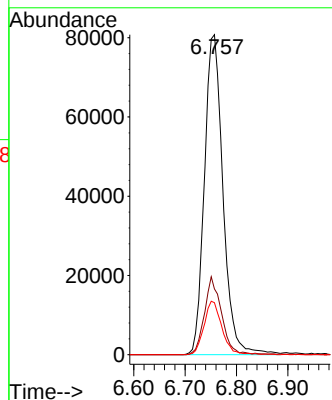
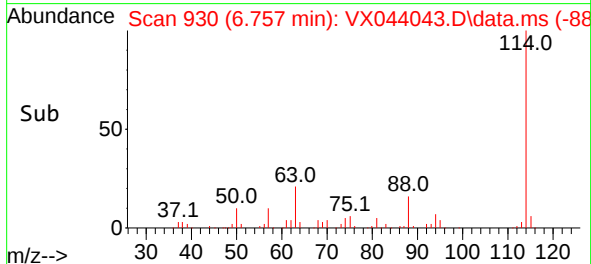


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :

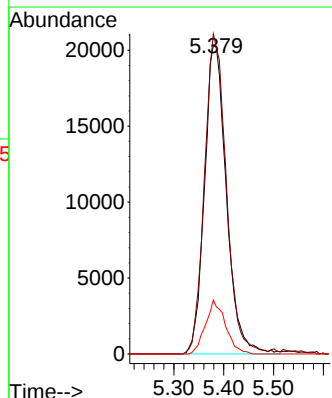
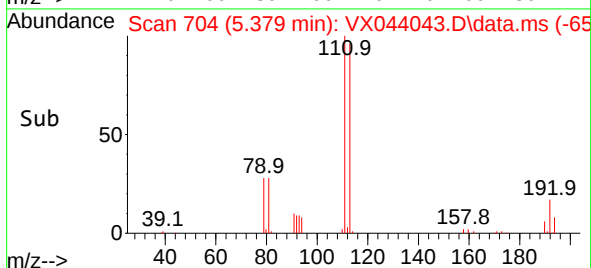
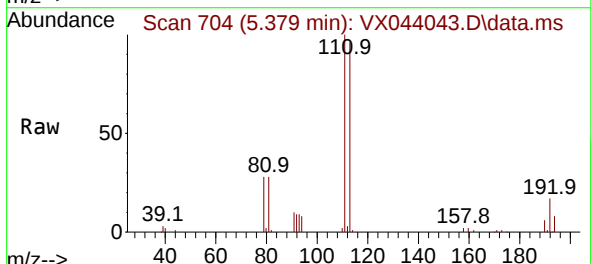


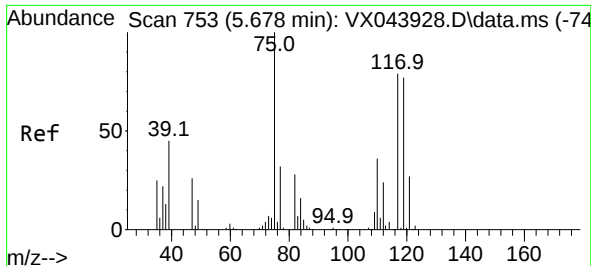
Tgt Ion:114 Resp: 203097
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.0
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 42.942 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

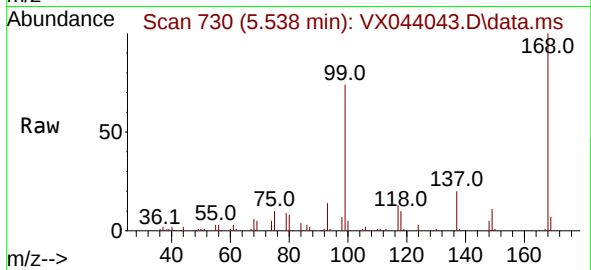
Tgt Ion:113 Resp: 62319
Ion Ratio Lower Upper
113 100
111 102.9 81.0 121.4
192 15.9 13.0 19.6



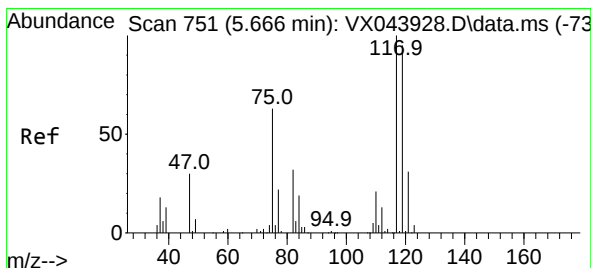
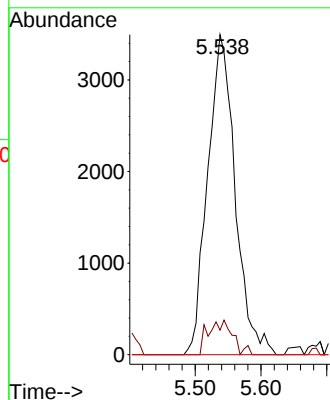
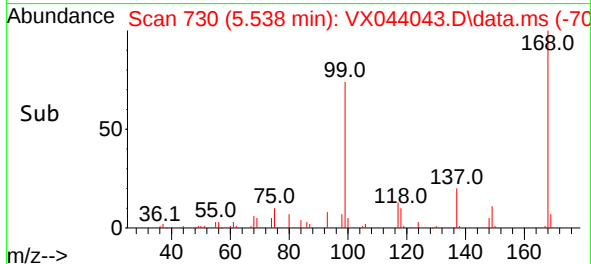


#36
1,1-Dichloropropene
Concen: 5.618 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.140 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Instrument :
MSVOA_X
ClientSampleId :

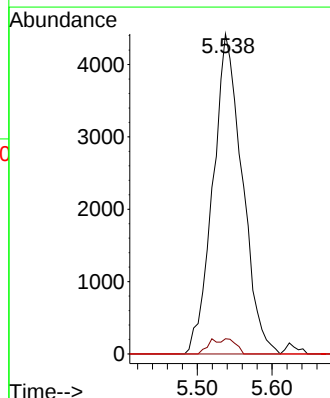
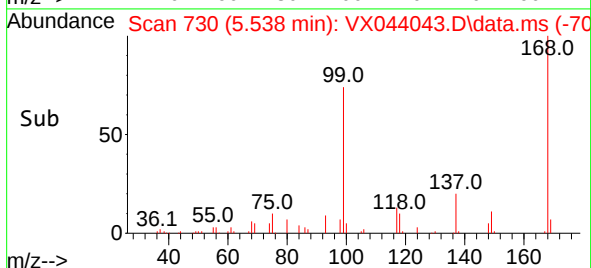
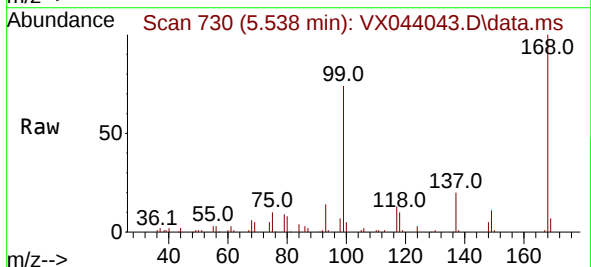


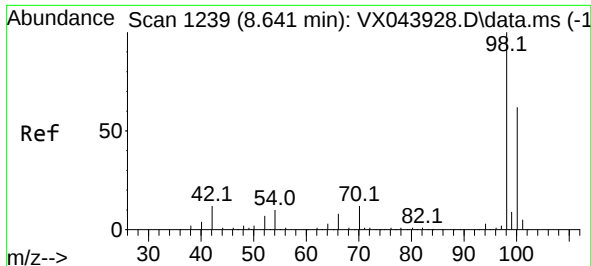
Tgt Ion: 75 Resp: 10159
Ion Ratio Lower Upper
75 100
110 9.2 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 5.946 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Tgt Ion: 117 Resp: 12083
Ion Ratio Lower Upper
117 100
119 4.7 75.2 112.8#
121 0.0 24.5 36.7#

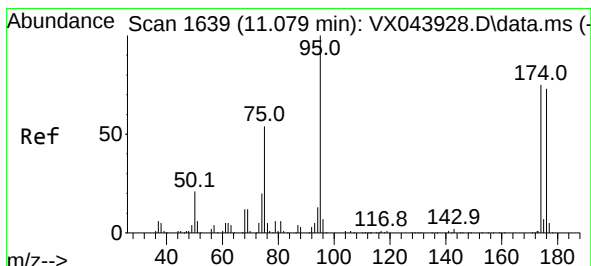
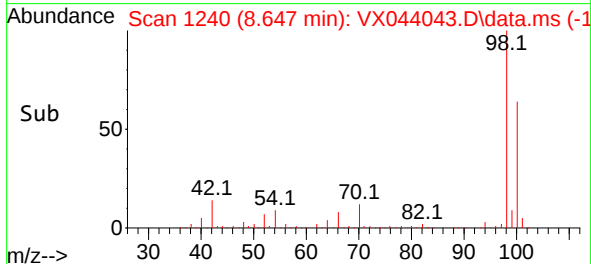
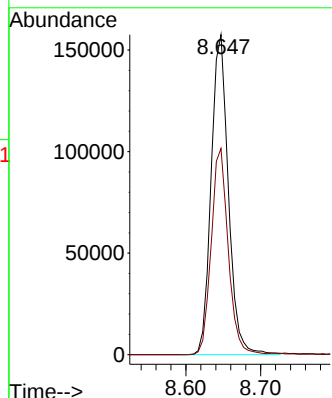
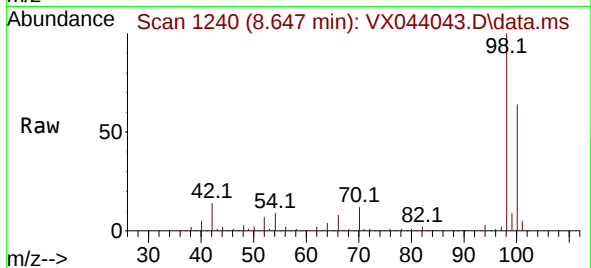




#50
Toluene-d8
Concen: 50.386 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

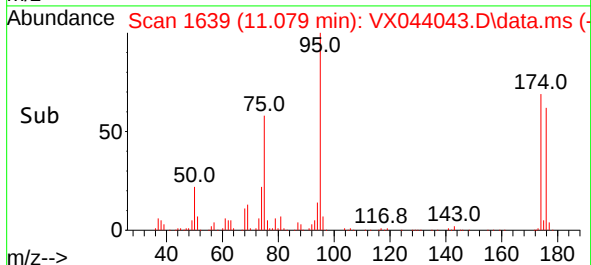
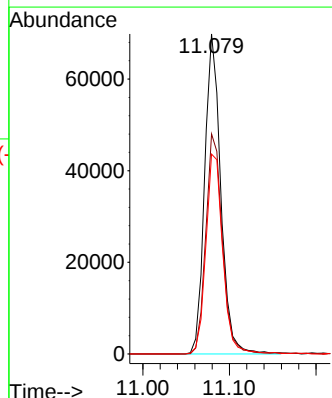
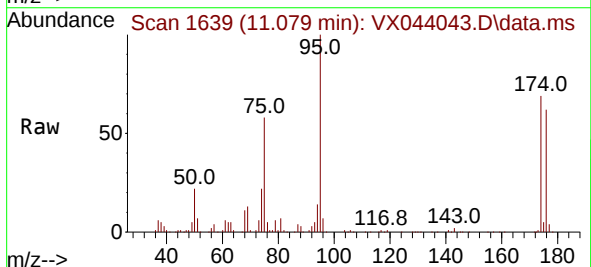
Instrument :
MSVOA_X
ClientSampleId :

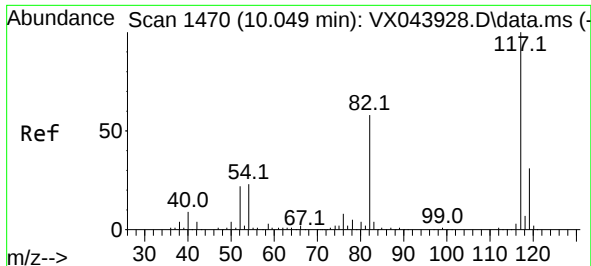
Tgt Ion: 98 Resp: 252057
Ion Ratio Lower Upper
98 100
100 63.6 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 53.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Tgt Ion: 95 Resp: 90357
Ion Ratio Lower Upper
95 100
174 70.7 0.0 150.4
176 65.6 0.0 146.0

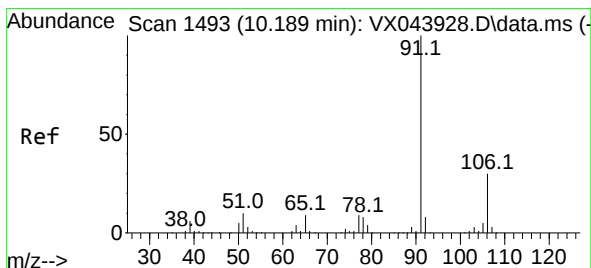
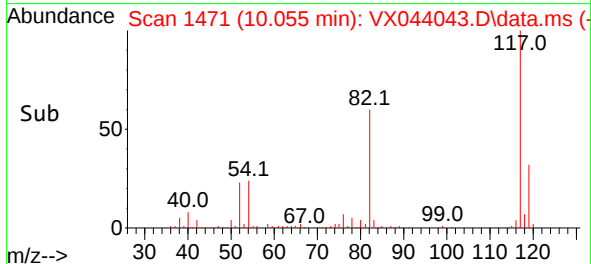
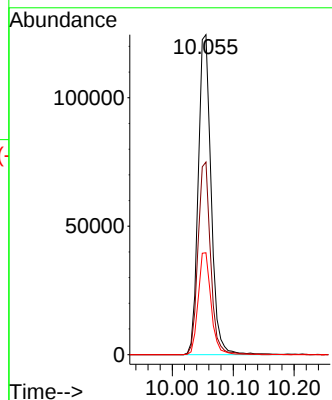
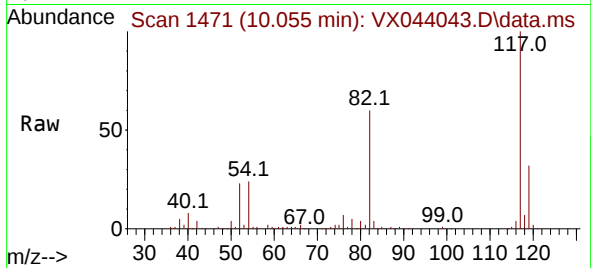




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

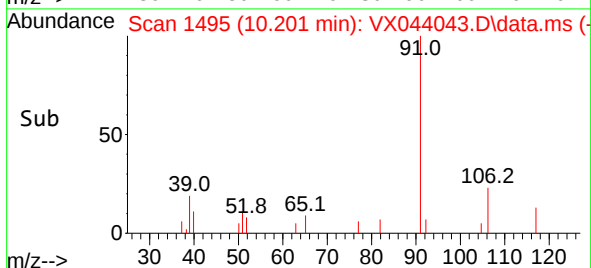
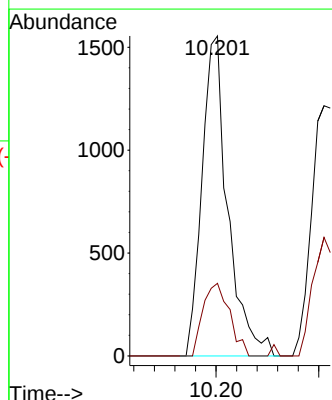
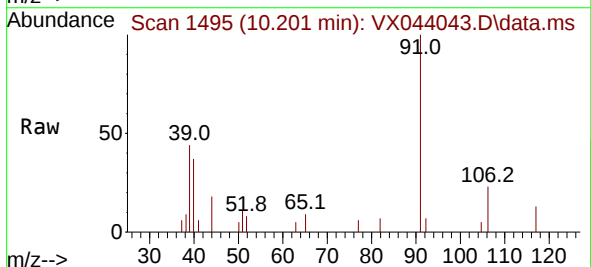
Instrument :
MSVOA_X
ClientSampleId :

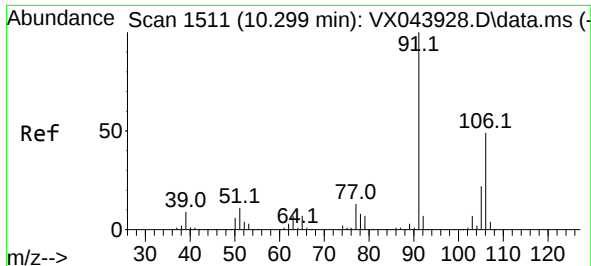
Tgt Ion:117 Resp: 182737
Ion Ratio Lower Upper
117 100
82 60.2 46.4 69.6
119 31.9 24.6 37.0



#67
Ethyl Benzene
Concen: 0.398 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.012 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Tgt Ion: 91 Resp: 2706
Ion Ratio Lower Upper
91 100
106 22.7 23.6 35.4#

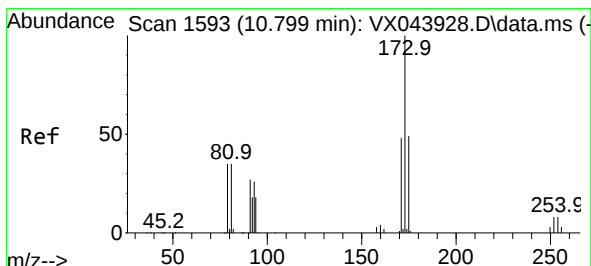
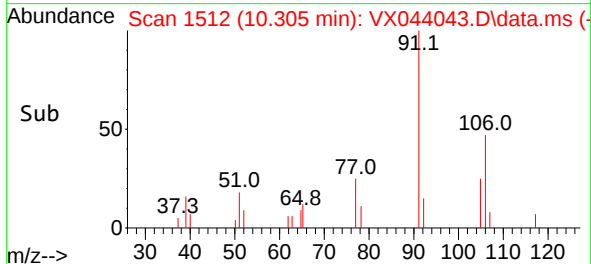
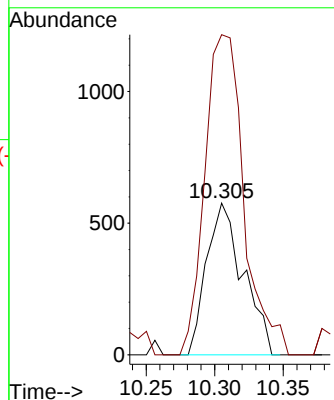
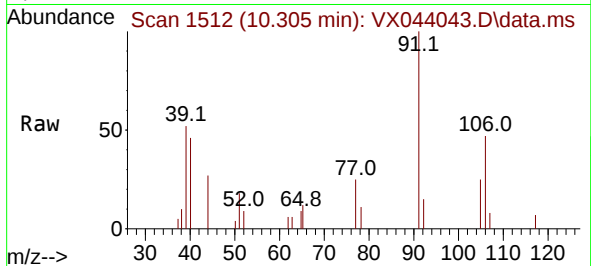




#68
m/p-Xylenes
Concen: 0.423 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

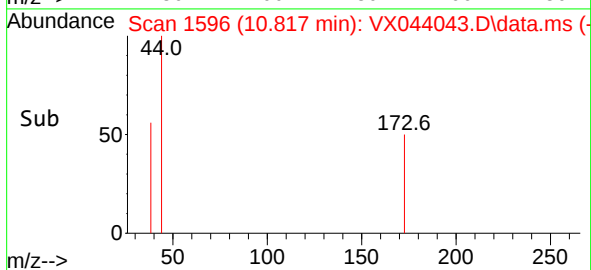
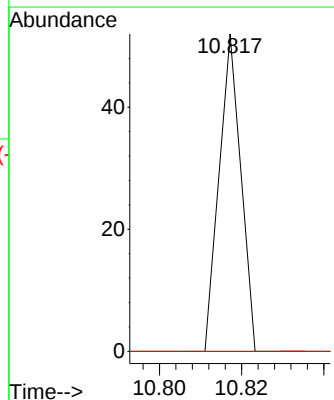
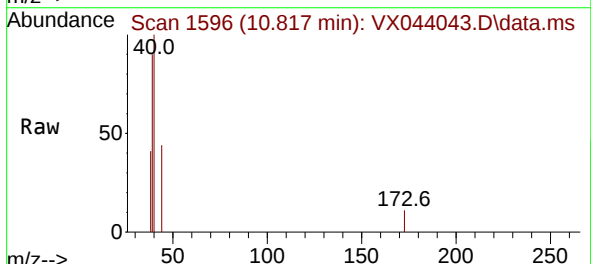
Instrument :
MSVOA_X
ClientSampleId :

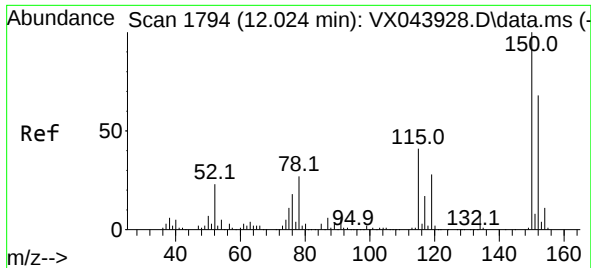
Tgt Ion:106 Resp: 1074
Ion Ratio Lower Upper
106 100
91 224.4 168.1 252.1



#71
Bromoform
Concen: 1.224 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. 0.018 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

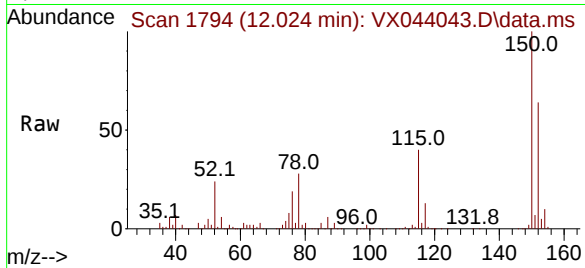
Tgt Ion:173 Resp: 19
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



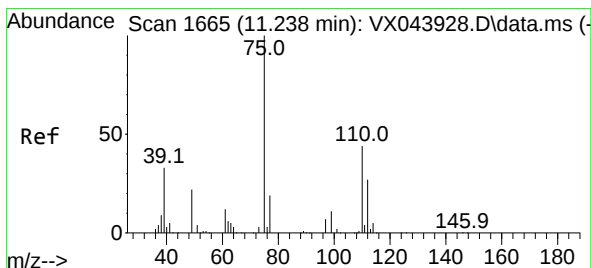
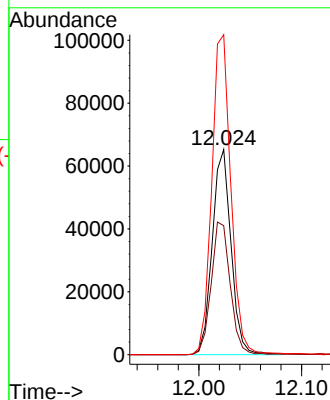
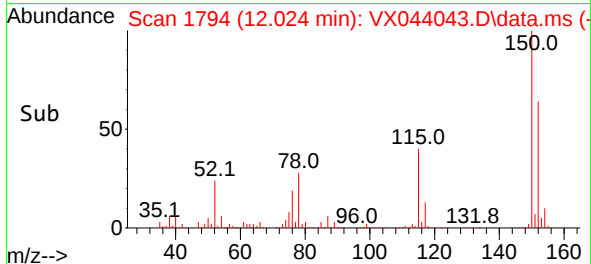


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044043.D
 Acq: 27 Nov 2024 16:11

Instrument :
 MSVOA_X
 ClientSampleId :

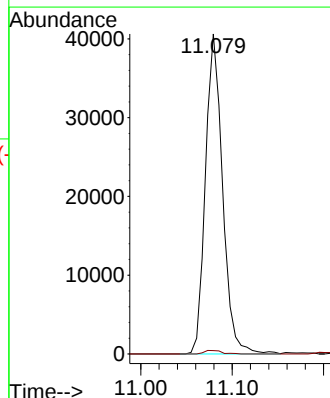
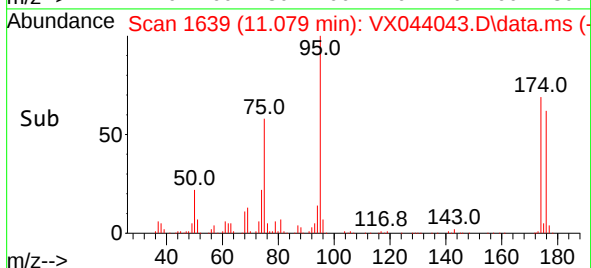
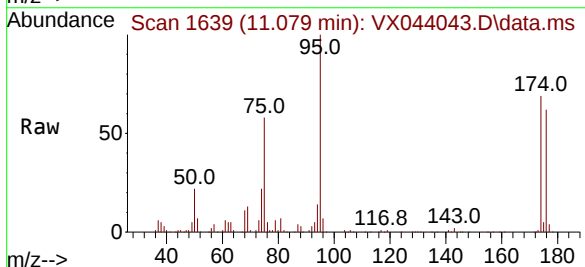


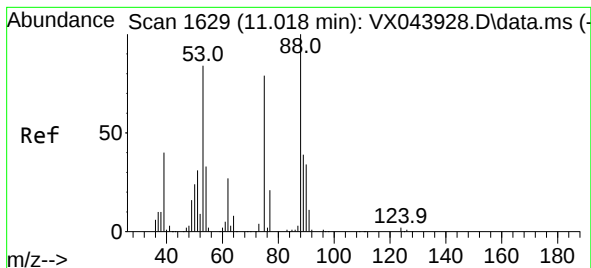
Tgt Ion:152 Resp: 82804
 Ion Ratio Lower Upper
 152 100
 115 65.7 45.4 136.2
 150 159.2 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 29.077 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX044043.D
 Acq: 27 Nov 2024 16:11

Tgt Ion: 75 Resp: 52800
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.3#

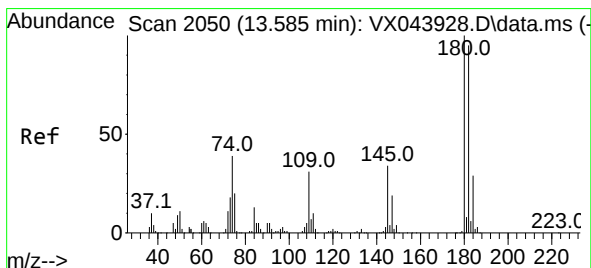
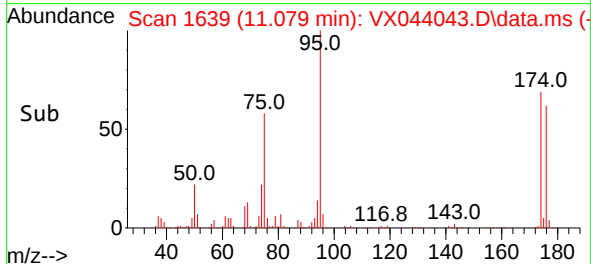
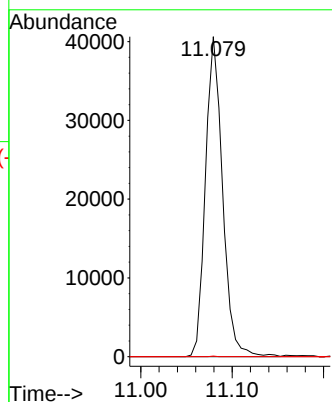
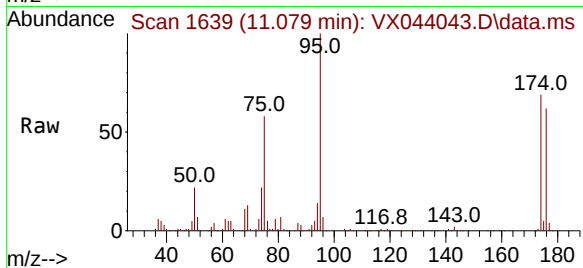




#81
trans-1,4-Dichloro-2-butene
Concen: 79.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

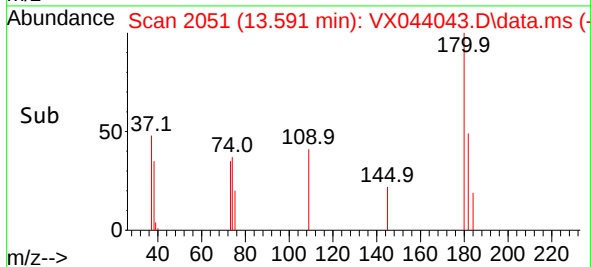
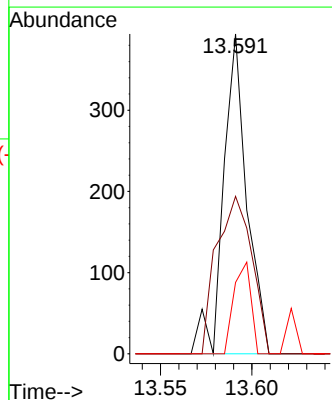
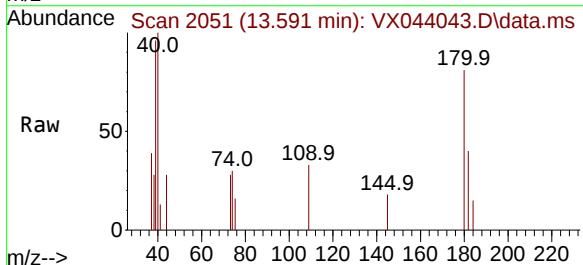
Instrument :
MSVOA_X
ClientSampleId :

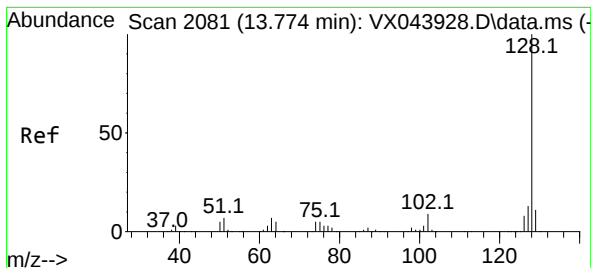
Tgt Ion: 75 Resp: 52800
Ion Ratio Lower Upper
75 100
53 0.0 86.7 130.1#
89 0.1 38.2 57.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.214 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044043.D
Acq: 27 Nov 2024 16:11

Tgt Ion: 180 Resp: 352
Ion Ratio Lower Upper
180 100
182 73.9 48.0 144.2
145 21.0 16.8 50.4





#95

Naphthalene

Concen: 5.519 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

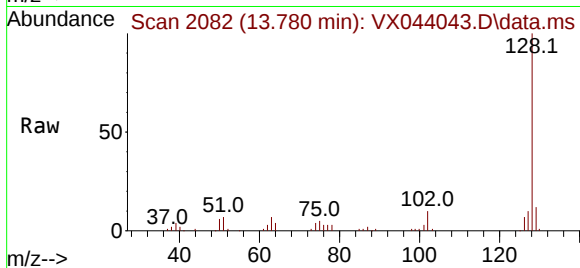
Lab File: VX044043.D

Acq: 27 Nov 2024 16:11

Instrument :

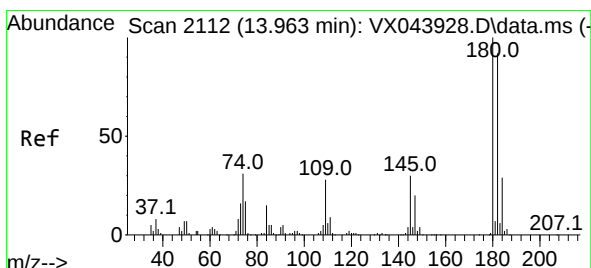
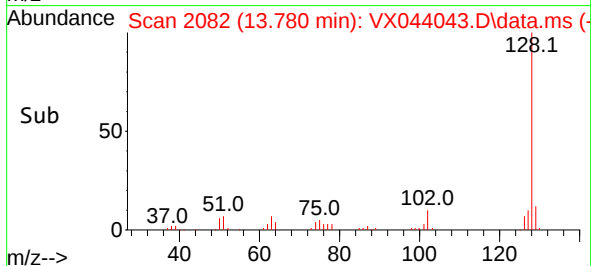
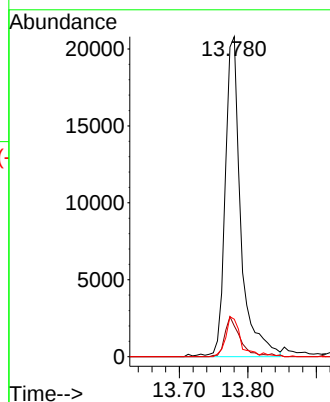
MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 32689

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.2
129	12.3	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044043.D

Acq: 27 Nov 2024 16:11

Tgt Ion:180 Resp: 341

Ion	Ratio	Lower	Upper
180	100		
182	100.3	45.6	136.8
145	34.3	16.4	49.4

