

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012023\
 Data File : VX033817.D
 Acq On : 20 Jan 2023 10:49
 Operator : JC/MD
 Sample : VX0120MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0120MBL01

Quant Time: Jan 21 04:40:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

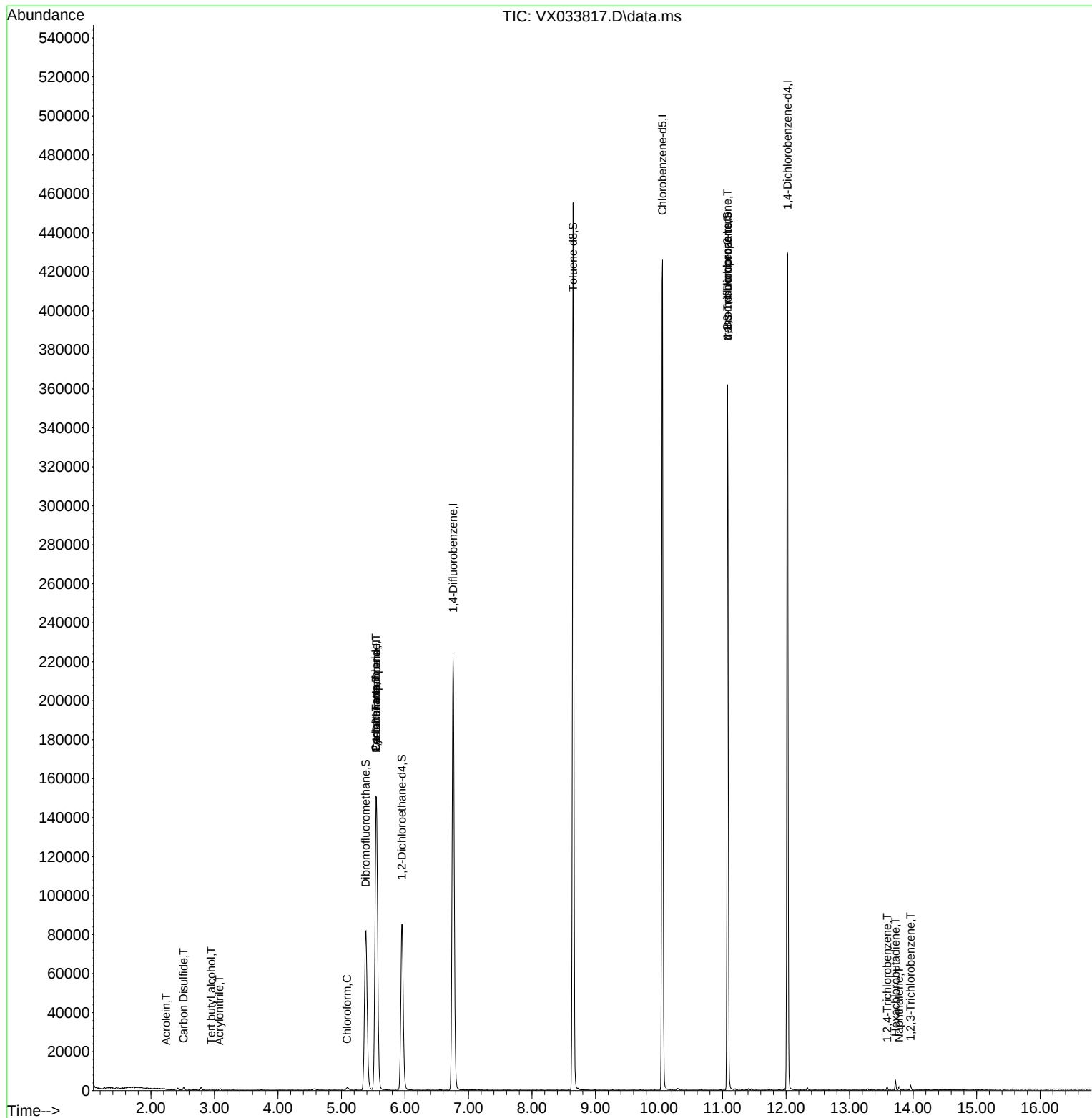
Internal Standards						
1) Pentafluorobenzene	5.550	168	166554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79853	45.535	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.080%
35) Dibromofluoromethane	5.379	113	73726	49.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.647	98	274073	50.451	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.900%
62) 4-Bromofluorobenzene	11.079	95	93968	46.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	311	1.021	ug/l #	86
13) Acrolein	2.239	56	112	0.398	ug/l #	14
15) Acrylonitrile	3.075	53	300	0.374	ug/l #	73
16) Acetone	2.392	43	538	Below Cal		99
17) Carbon Disulfide	2.514	76	1514	2.248	ug/l	100
20) Methylene Chloride	2.788	84	641	Below Cal	#	69
30) Chloroform	5.086	83	1823	0.633	ug/l #	73
31) Cyclohexane	5.544	56	2566	0.994	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9951	4.573	ug/l #	49
37) Ethyl Acetate	4.629	43	52	Below Cal	#	68
38) Carbon Tetrachloride	5.544	117	13996	6.210	ug/l #	15
64) Tetrachloroethene	9.287	164	19	Below Cal	#	1
73) Isopropylbenzene	10.963	105	223	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	45001	23.768	ug/l #	34
77) Bromobenzene	11.201	156	127	Below Cal		80
79) 2-Chlorotoluene	11.457	91	461	Below Cal		90
81) trans-1,4-Dichloro-2-b...	11.079	75	45001	73.868	ug/l #	8
82) 4-Chlorotoluene	11.457	91	461	Below Cal		98
93) 1,2,4-Trichlorobenzene	13.591	180	682	0.301	ug/l #	92
94) Hexachlorobutadiene	13.725	225	877	0.791	ug/l	97
95) Naphthalene	13.780	128	1911	0.293	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	779	0.344	ug/l	95

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

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Quant Title : SW846 8260
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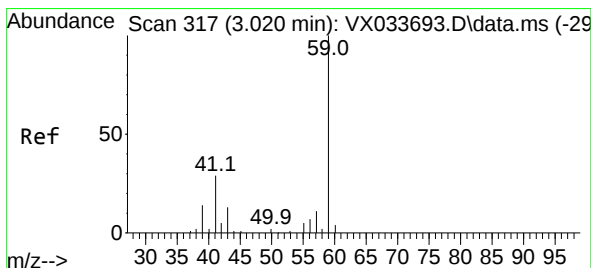
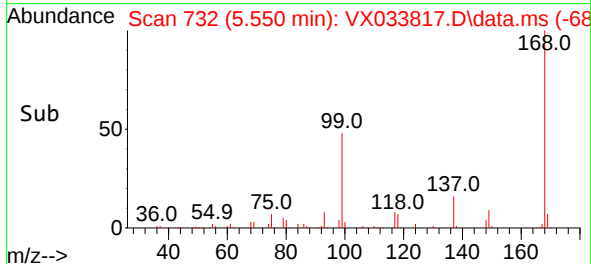
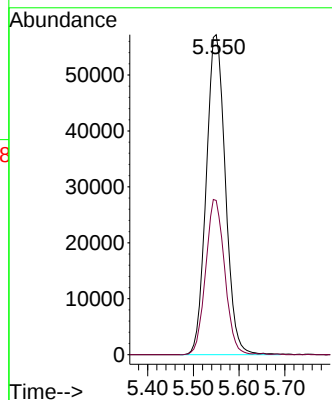
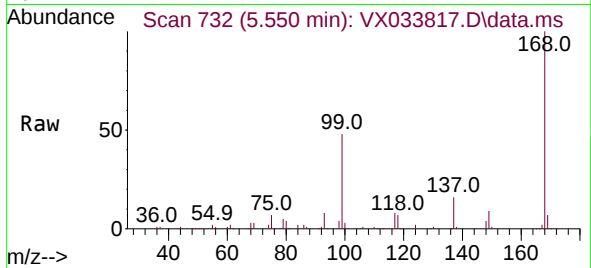




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

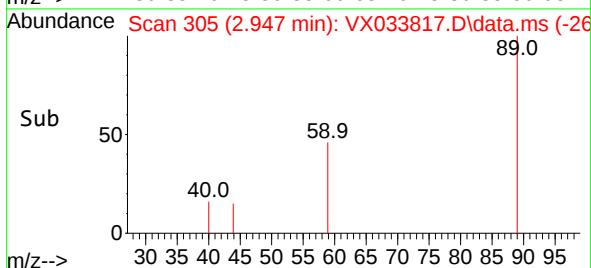
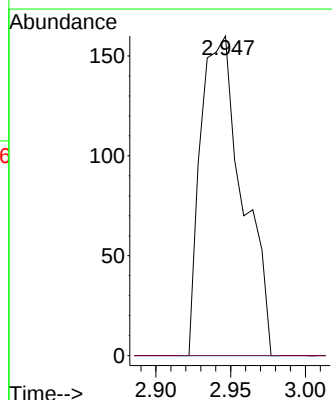
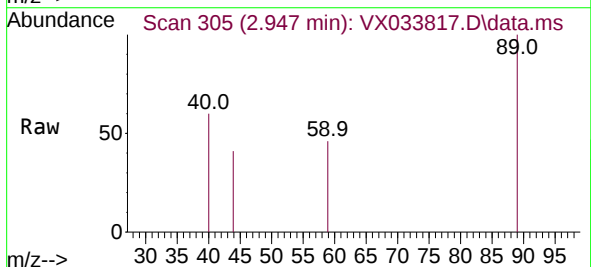
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

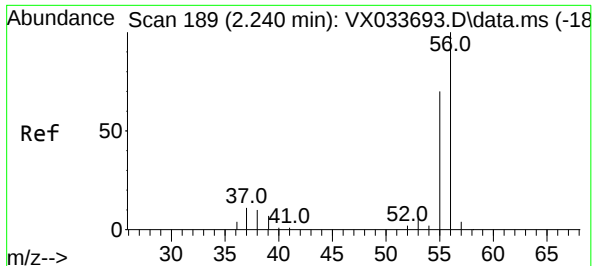
Tgt Ion:168 Resp: 166554
Ion Ratio Lower Upper
168 100
99 48.2 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.021 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

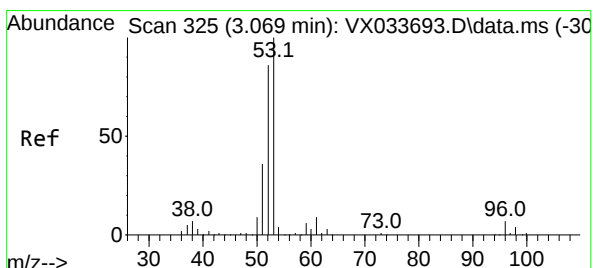
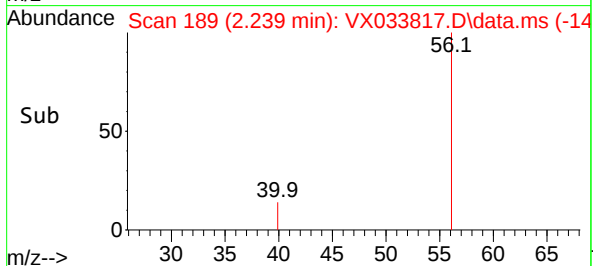
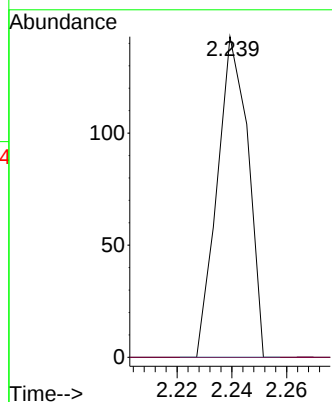
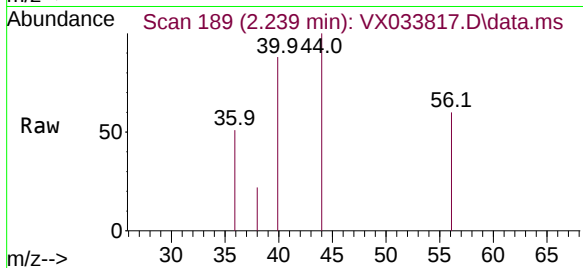




#13
Acrolein
Concen: 0.398 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

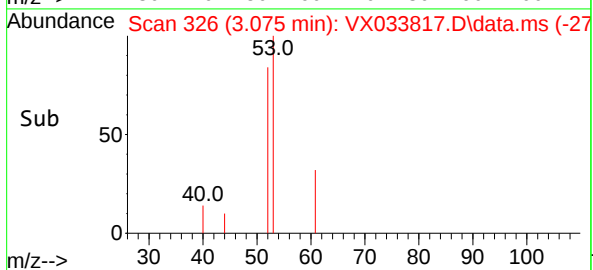
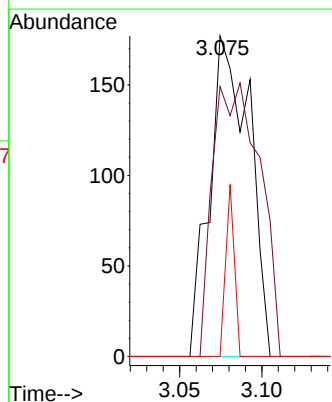
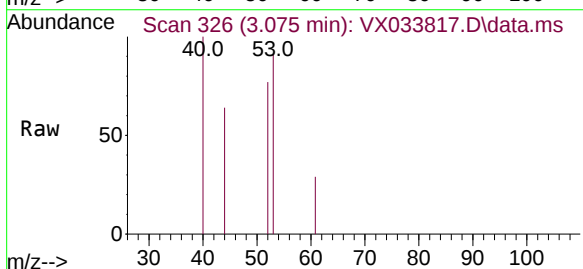
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

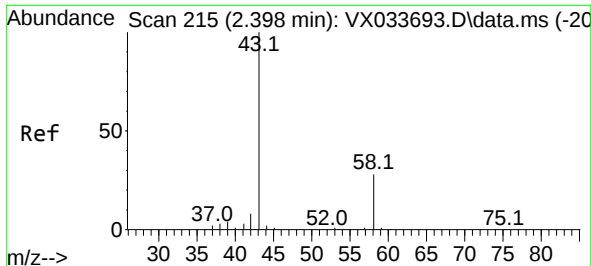
Tgt Ion: 56 Resp: 112
Ion Ratio Lower Upper
56 100
55 0.0 56.3 84.5#



#15
Acrylonitrile
Concen: 0.374 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion: 53 Resp: 300
Ion Ratio Lower Upper
53 100
52 100.7 65.7 98.5#
51 11.7 29.0 43.4#

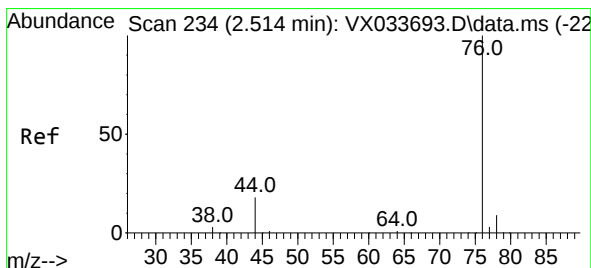
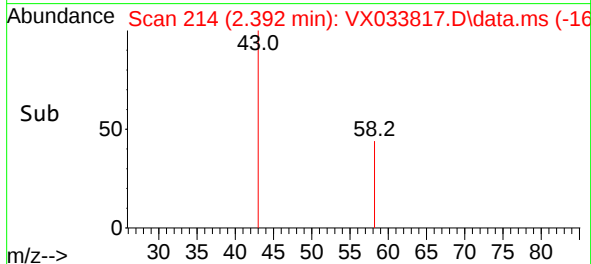
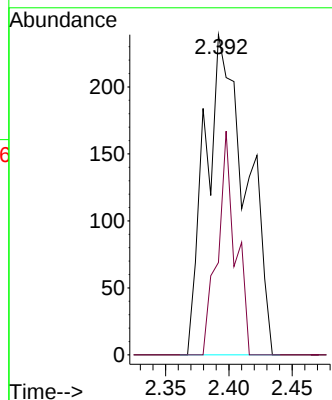
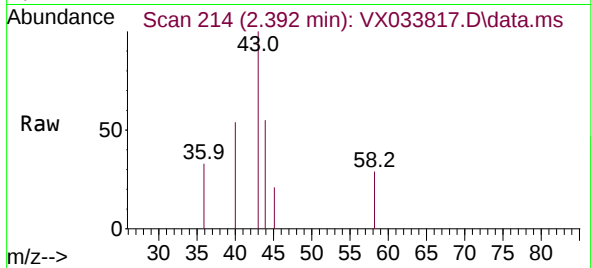




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

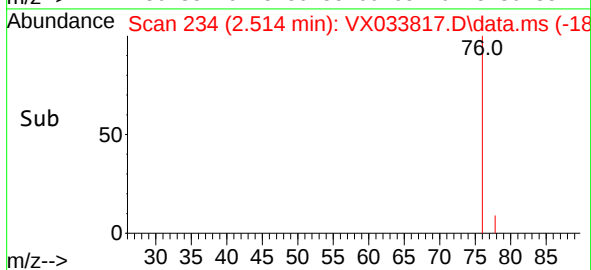
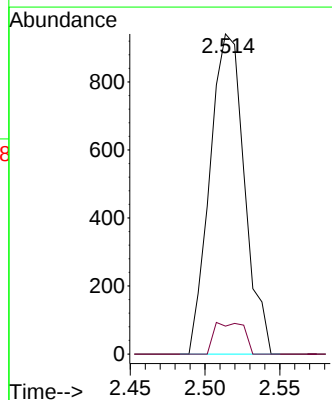
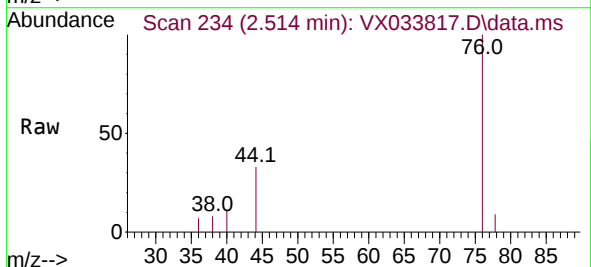
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

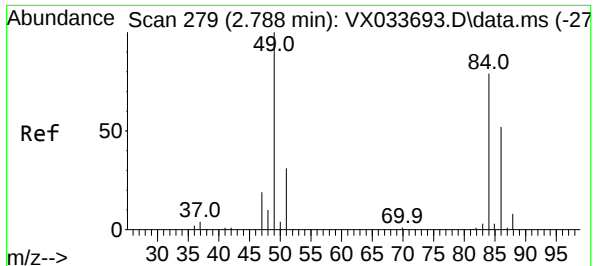
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
58 28.9 22.6 33.8



#17
Carbon Disulfide
Concen: 2.248 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion: 76 Resp: 1514
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033817.D

Acq: 20 Jan 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0120MBL01

Tgt Ion: 84 Resp: 641

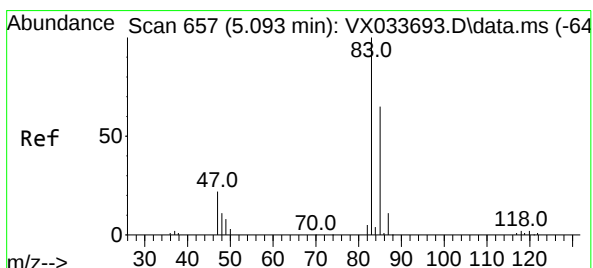
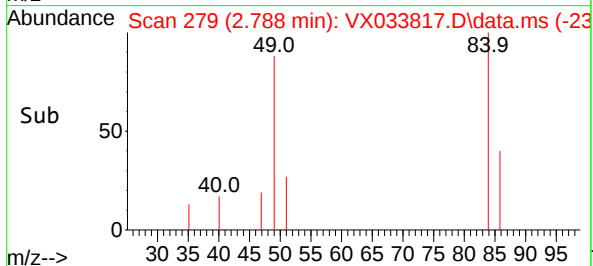
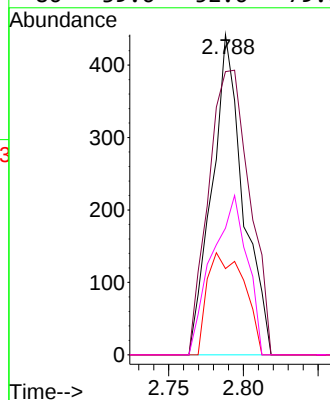
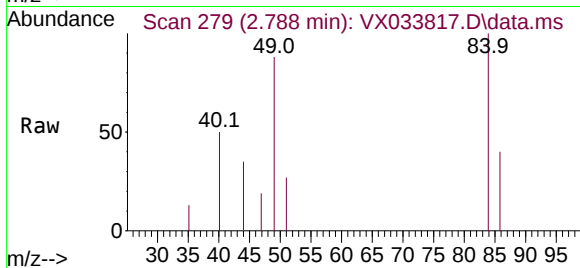
Ion Ratio Lower Upper

84 100

49 88.5 101.1 151.7#

51 26.9 31.0 46.6#

86 39.6 52.6 79.0#



#30

Chloroform

Concen: 0.633 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX033817.D

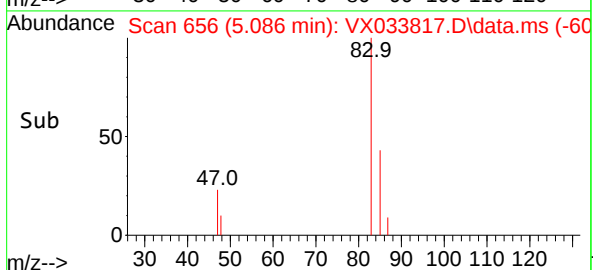
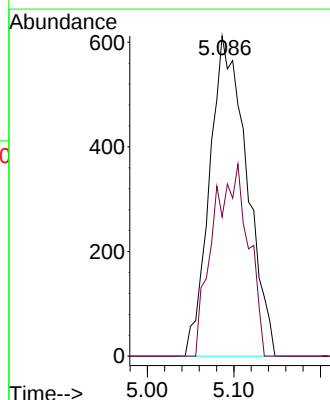
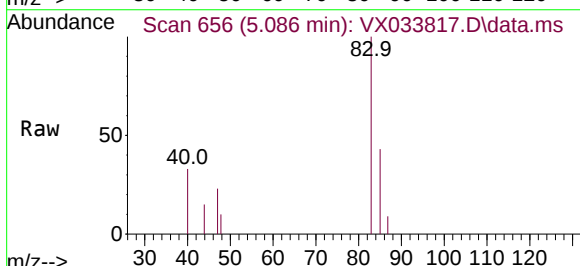
Acq: 20 Jan 2023 10:49

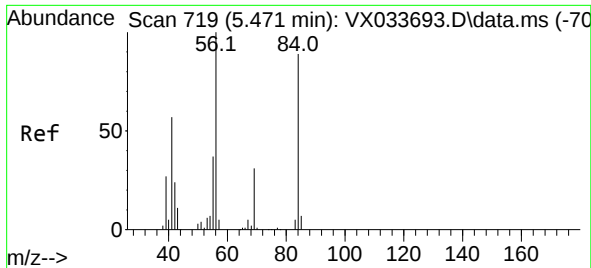
Tgt Ion: 83 Resp: 1823

Ion Ratio Lower Upper

83 100

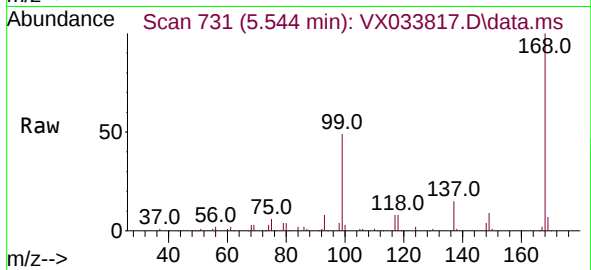
85 43.5 52.1 78.1#



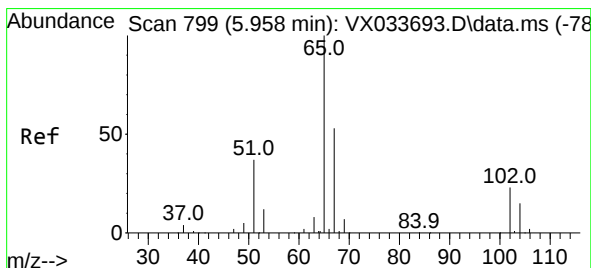
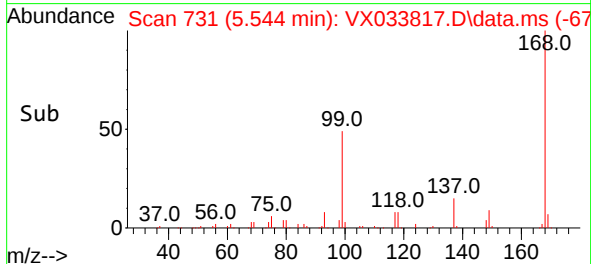
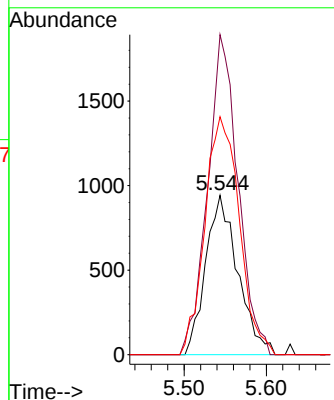


#31
Cyclohexane
Concen: 0.994 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

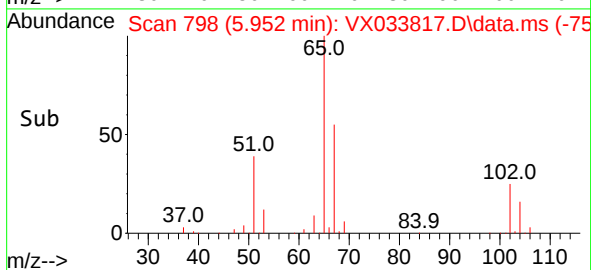
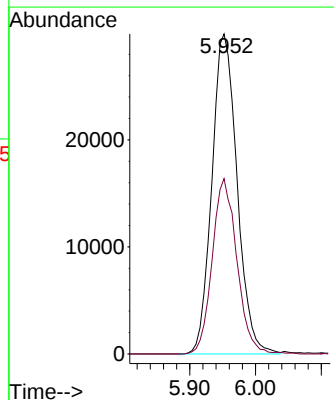
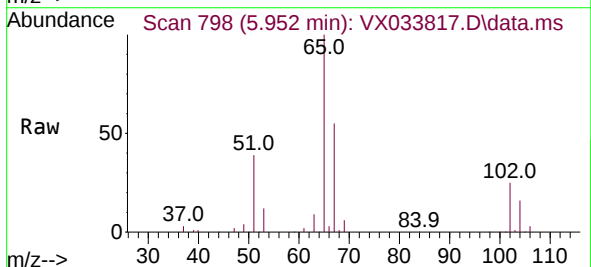


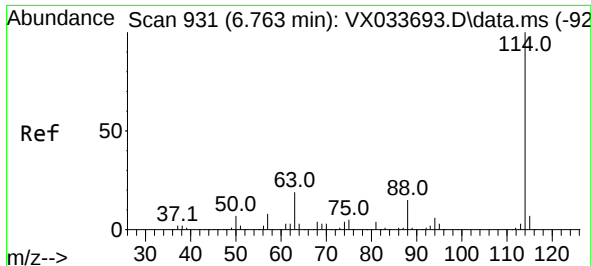
Tgt Ion: 56 Resp: 2566
Ion Ratio Lower Upper
56 100
69 200.7 24.6 37.0#
84 149.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.535 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion: 65 Resp: 79853
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8

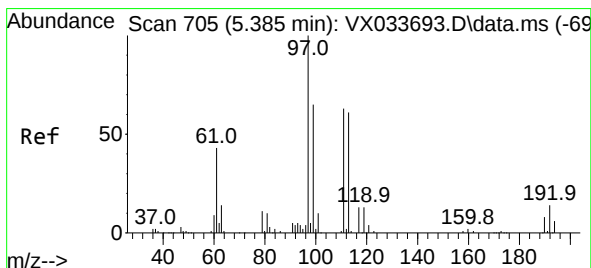
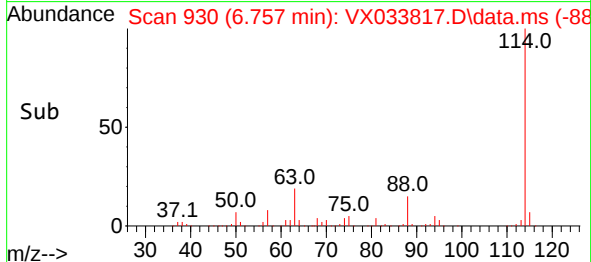
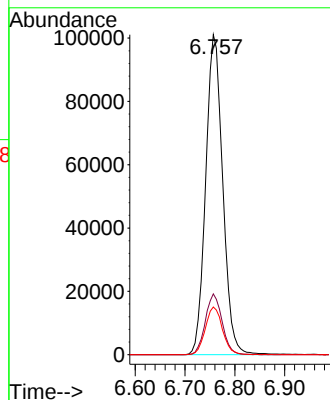
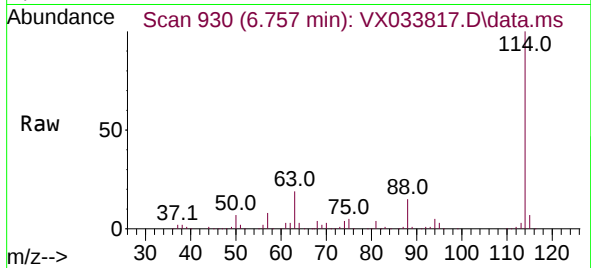




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

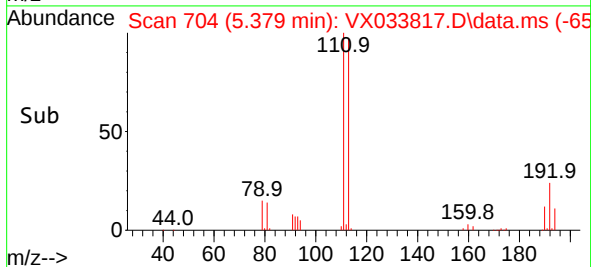
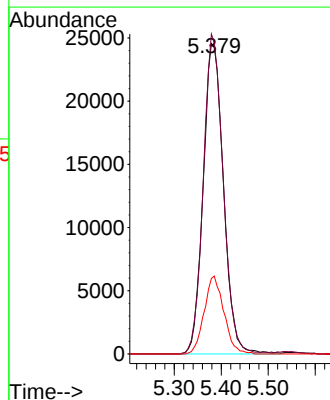
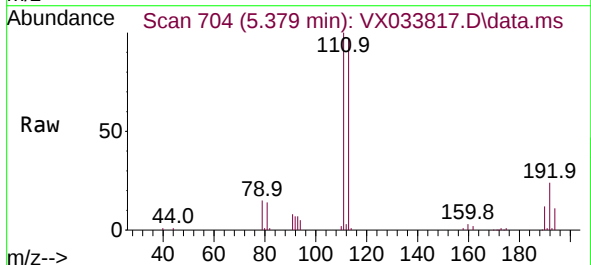
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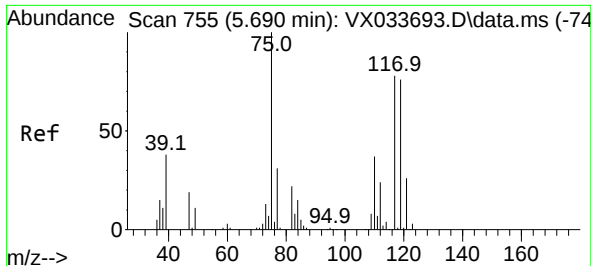
Tgt Ion:114 Resp: 240113
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.448 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion:113 Resp: 73726
Ion Ratio Lower Upper
113 100
111 100.6 83.0 124.6
192 24.3 19.0 28.4

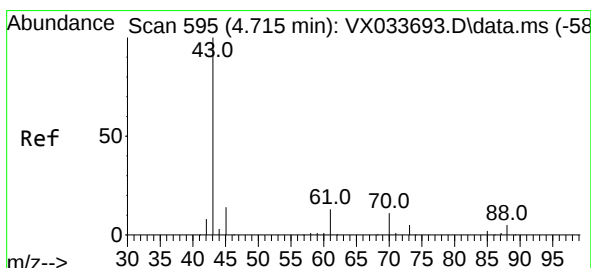
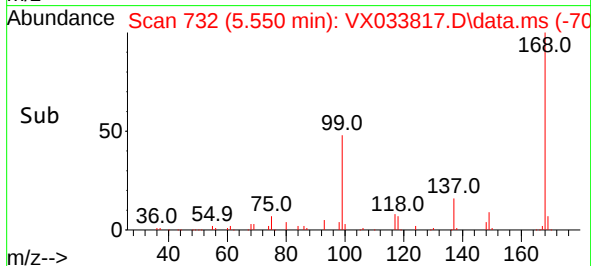
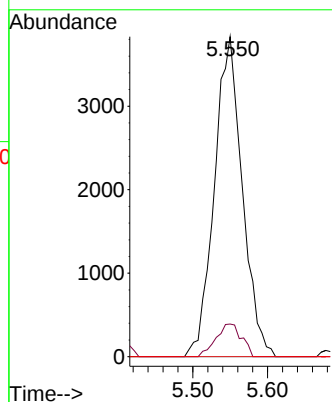
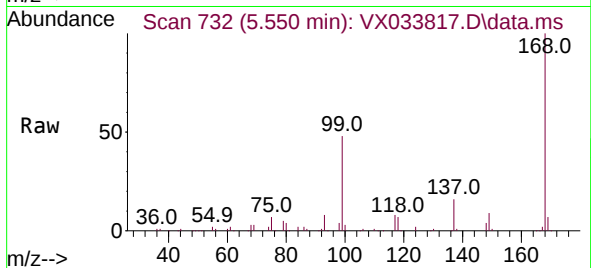




#36
1,1-Dichloropropene
Concen: 4.573 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

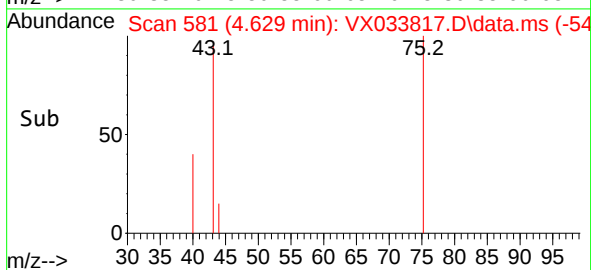
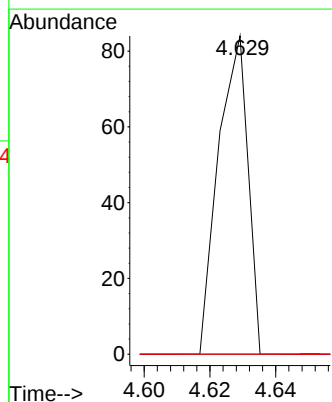
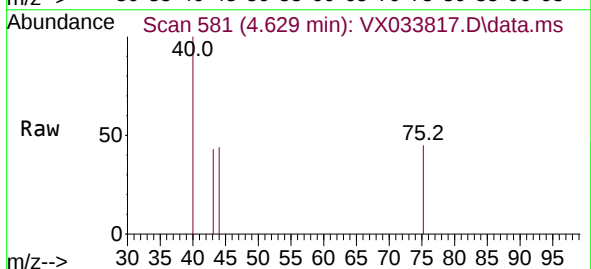
Instrument :
MSVOA_X
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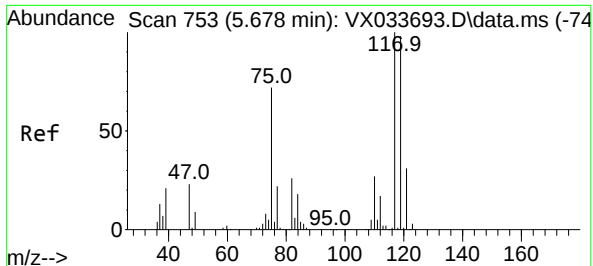
Tgt Ion: 75 Resp: 9951
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: Below Cal
RT: 4.629 min Scan# 581
Delta R.T. -0.086 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

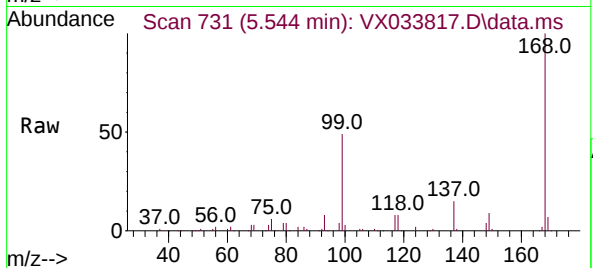
Tgt Ion: 43 Resp: 52
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.5 12.7#



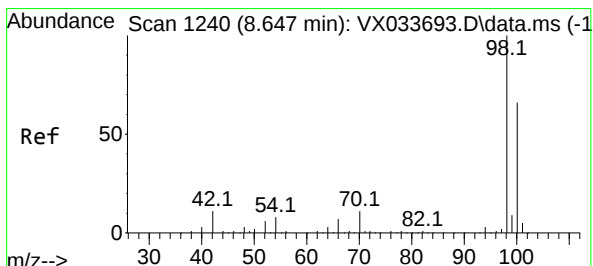
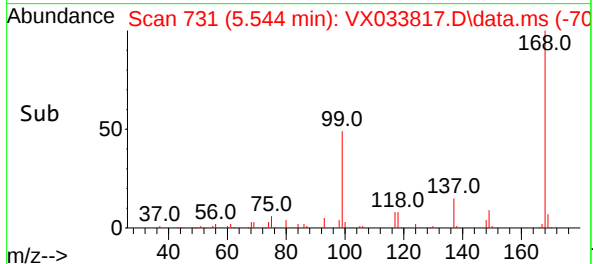
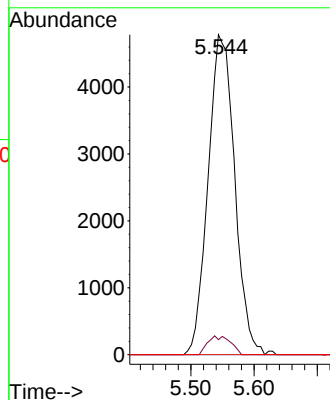


#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

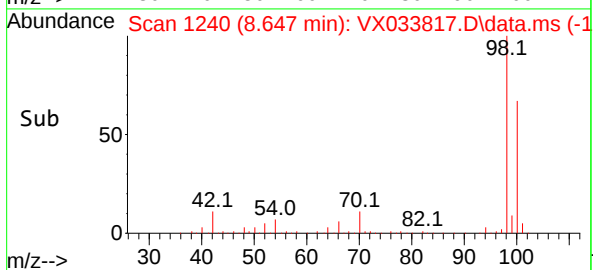
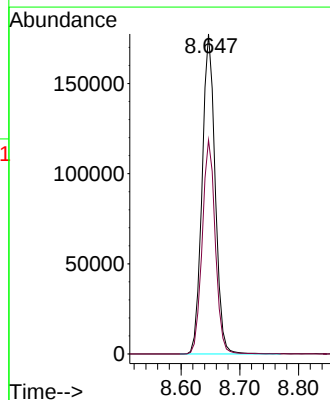
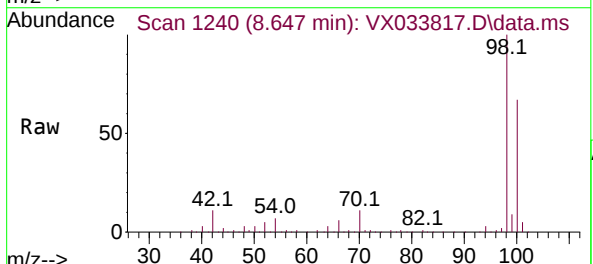


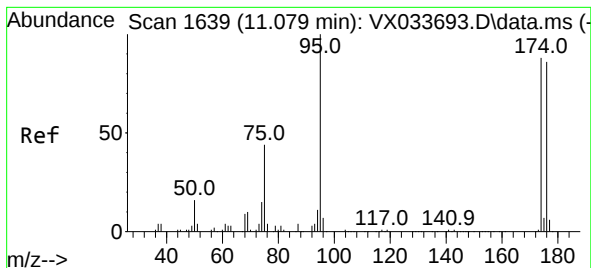
Tgt Ion:117 Resp: 13996
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.451 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion: 98 Resp: 274073
Ion Ratio Lower Upper
98 100
100 66.7 53.6 80.4

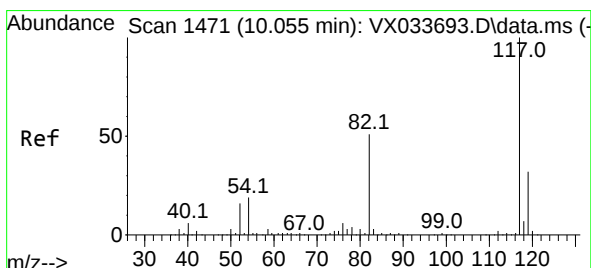
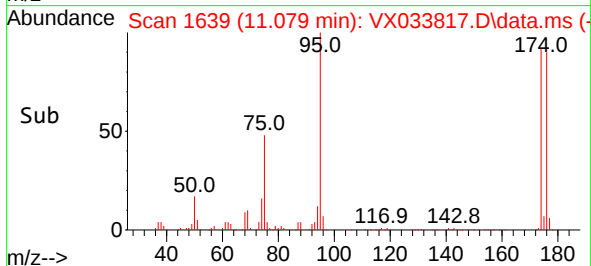
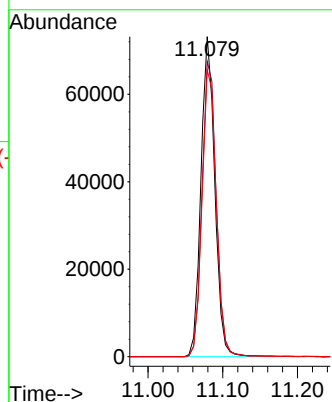
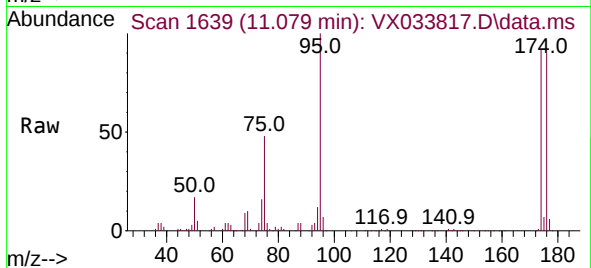




#62
4-Bromofluorobenzene
Concen: 46.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

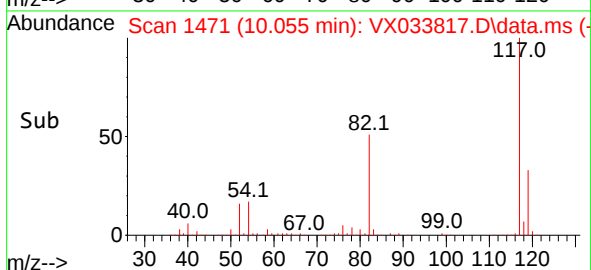
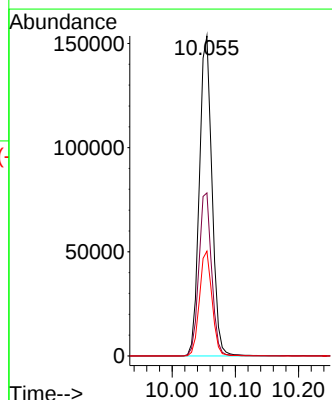
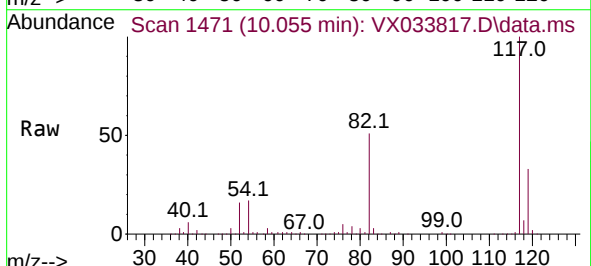
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

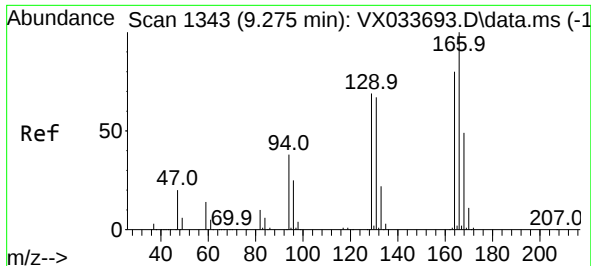
Tgt Ion: 95 Resp: 93968
Ion Ratio Lower Upper
95 100
174 95.5 0.0 184.4
176 92.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion: 117 Resp: 213299
Ion Ratio Lower Upper
117 100
82 51.0 40.6 60.8
119 32.8 25.6 38.4

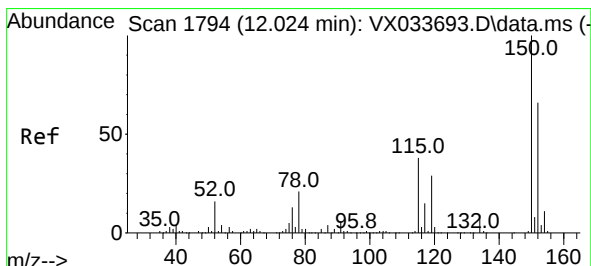
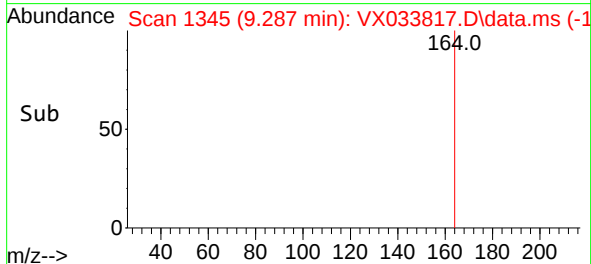
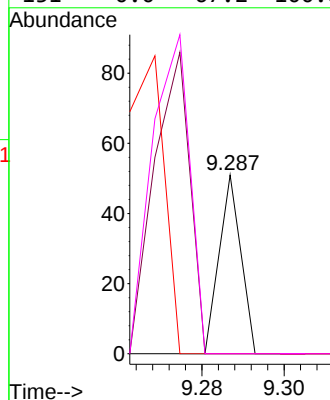
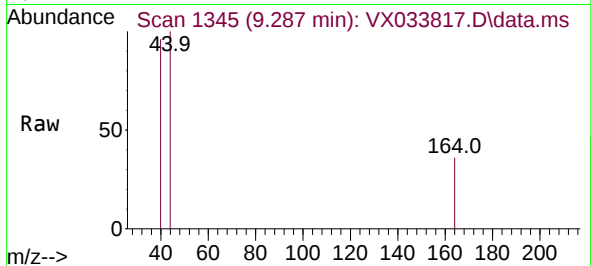




#64
Tetrachloroethene
Concen: Below Cal
RT: 9.287 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

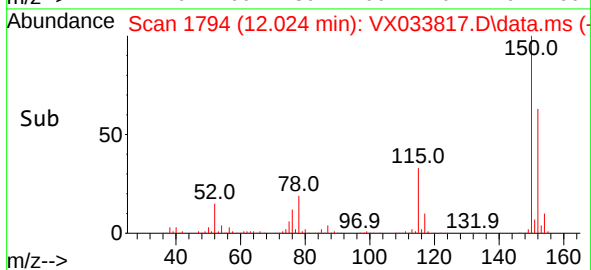
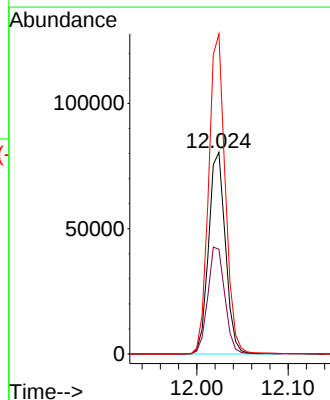
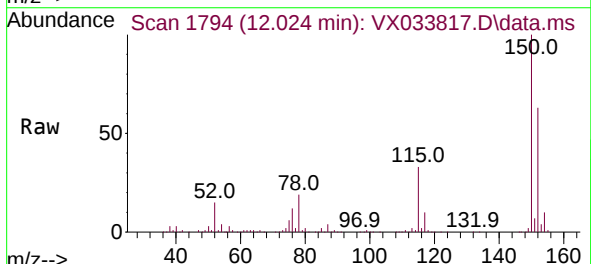
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

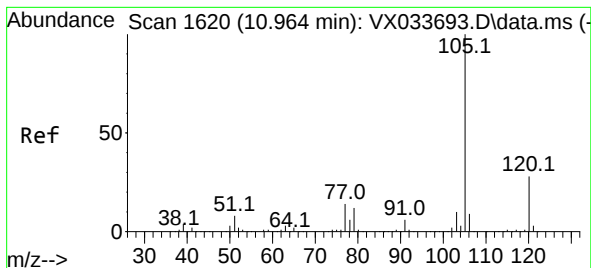
Tgt Ion:164	Resp:	19
Ion	Ratio	Lower Upper
164	100	
166	0.0	100.2 150.2#
129	0.0	69.2 103.8#
131	0.0	67.2 100.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion:152	Resp:	103048
Ion	Ratio	Lower Upper
152	100	
115	53.7	38.7 116.1
150	156.8	0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.963 min Scan# 1639

Delta R.T. -0.001 min

Lab File: VX033817.D

Acq: 20 Jan 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

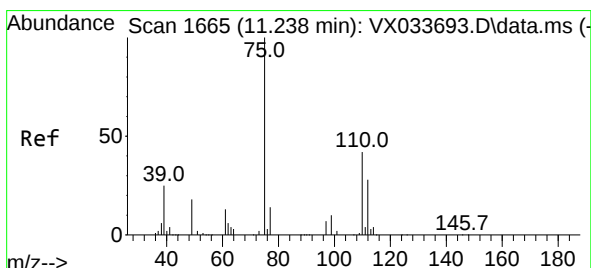
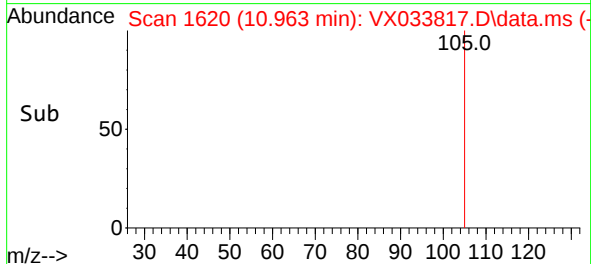
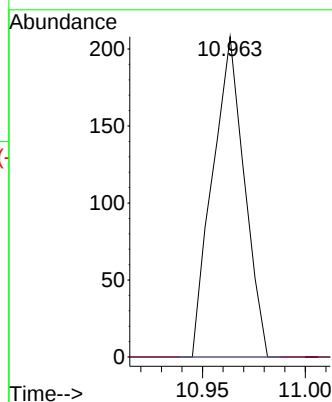
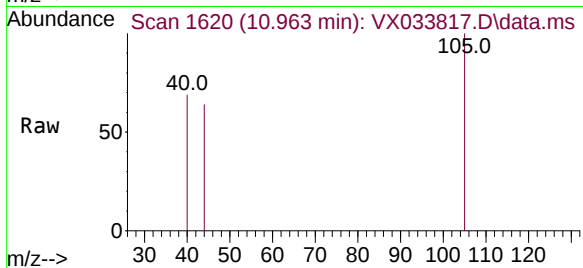
VX0120MBL01

Tgt Ion:105 Resp: 223

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 23.768 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033817.D

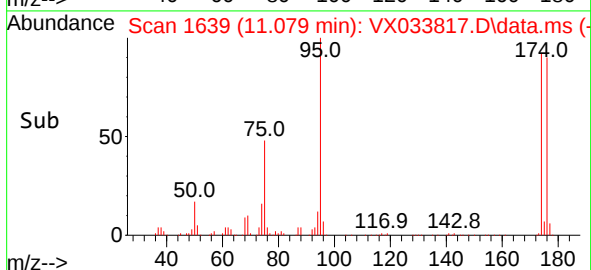
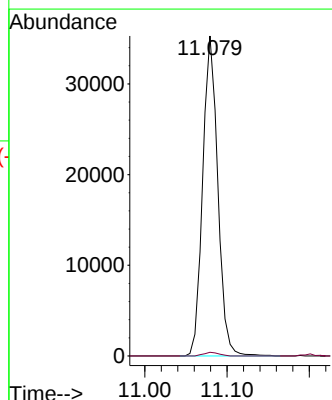
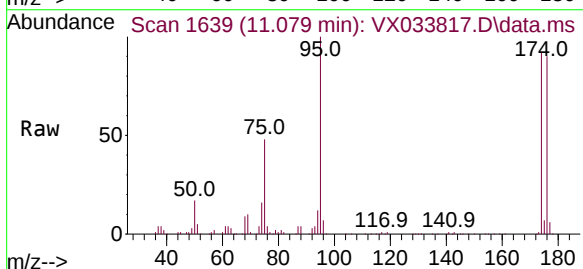
Acq: 20 Jan 2023 10:49

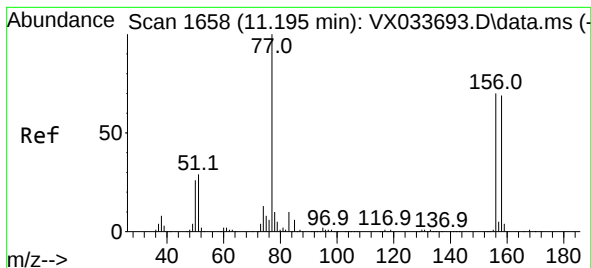
Tgt Ion: 75 Resp: 45001

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.4#





#77

Bromobenzene

Concen: Below Cal

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033817.D

Acq: 20 Jan 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0120MBL01

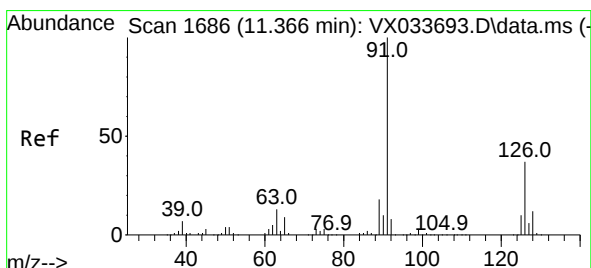
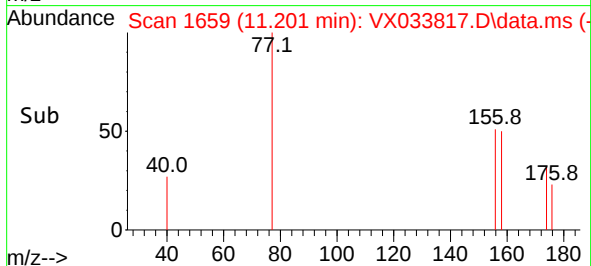
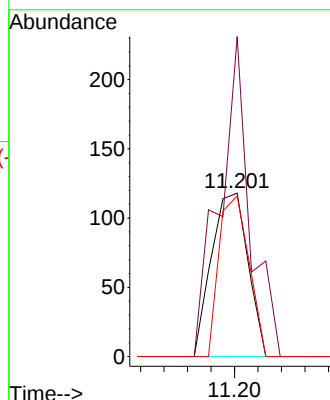
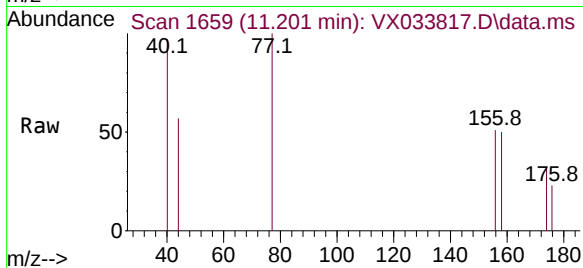
Tgt Ion:156 Resp: 127

Ion Ratio Lower Upper

156 100

77 163.8 68.1 204.3

158 80.3 48.0 144.2



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.457 min Scan# 1701

Delta R.T. 0.091 min

Lab File: VX033817.D

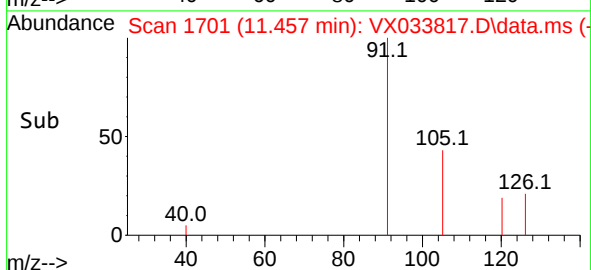
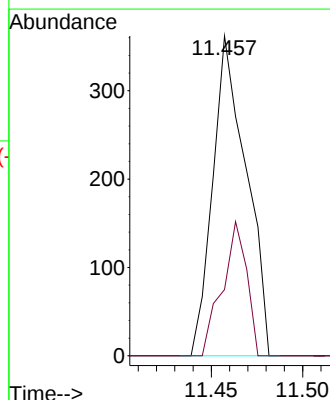
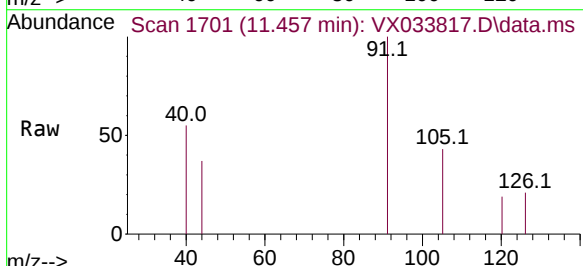
Acq: 20 Jan 2023 10:49

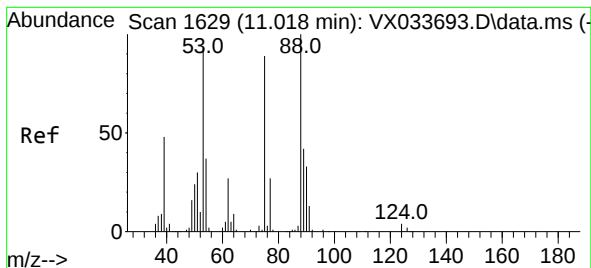
Tgt Ion: 91 Resp: 461

Ion Ratio Lower Upper

91 100

126 30.4 18.1 54.1

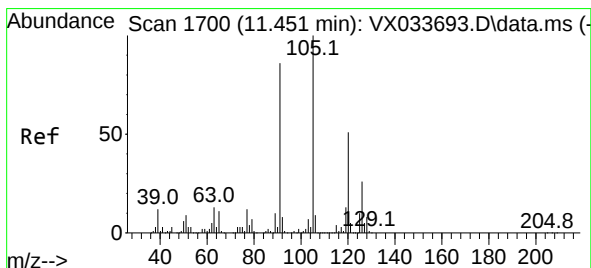
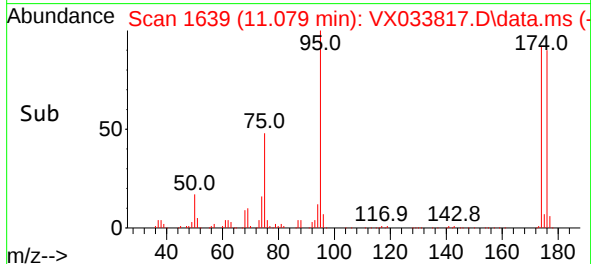
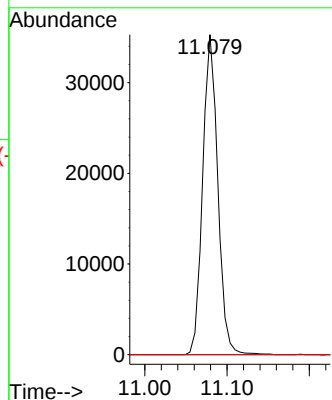
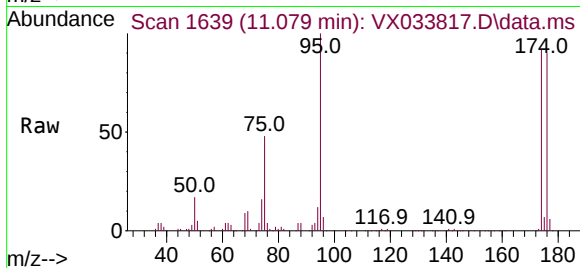




#81
trans-1,4-Dichloro-2-butene
Concen: 73.868 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

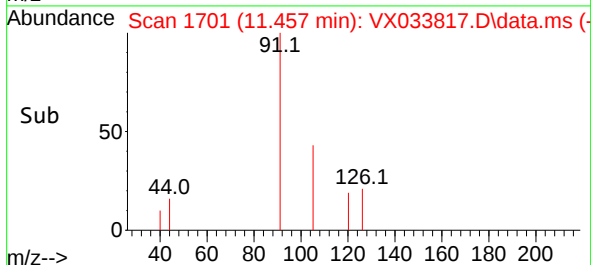
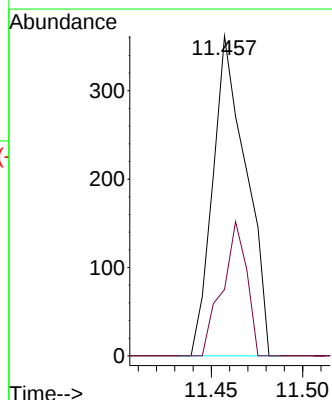
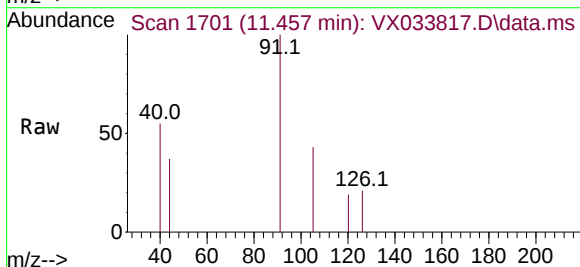
Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

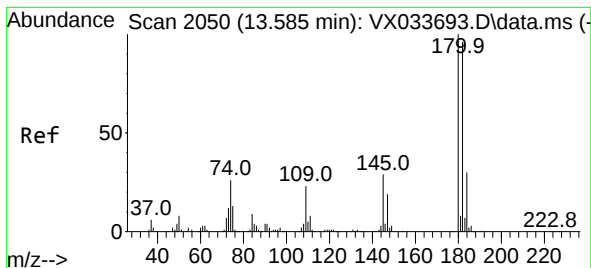
Tgt Ion: 75 Resp: 45001
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion: 91 Resp: 461
Ion Ratio Lower Upper
91 100
126 30.4 15.8 47.4





#93

1,2,4-Trichlorobenzene

Concen: 0.301 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX033817.D

Acq: 20 Jan 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

VX0120MBL01

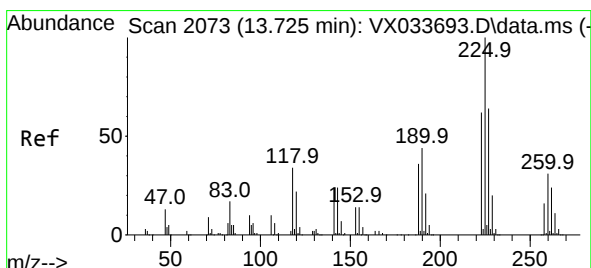
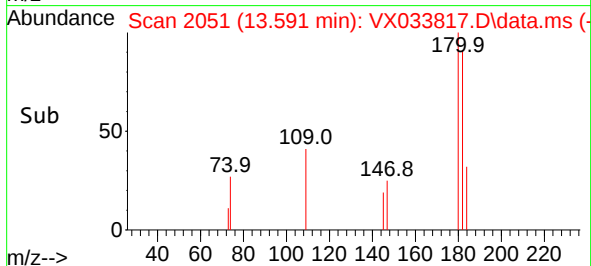
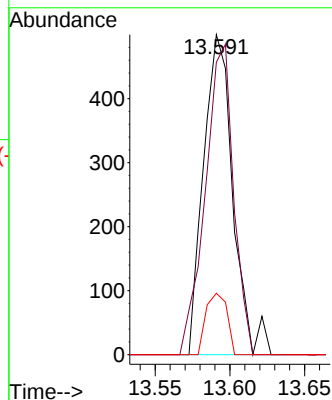
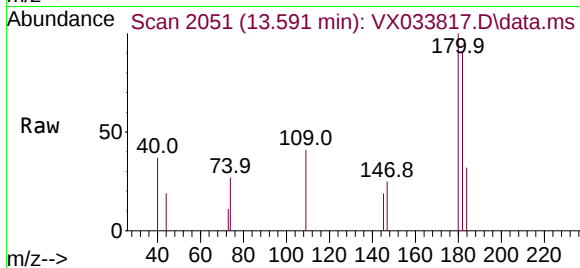
Tgt Ion:180 Resp: 682

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.6

145 13.8 14.1 42.2#



#94

Hexachlorobutadiene

Concen: 0.791 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX033817.D

Acq: 20 Jan 2023 10:49

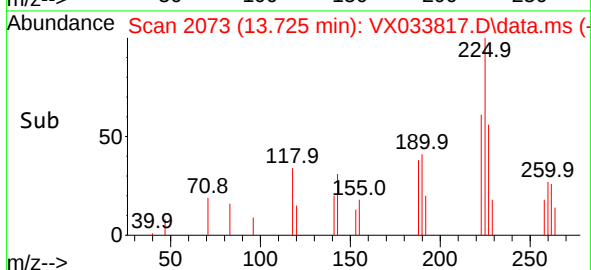
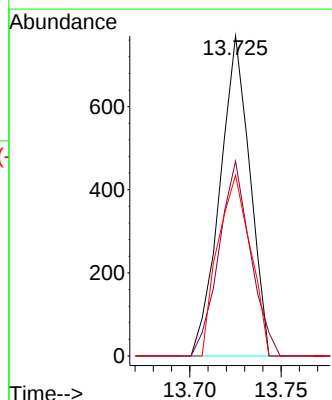
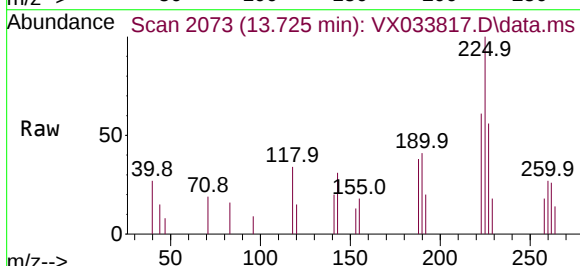
Tgt Ion:225 Resp: 877

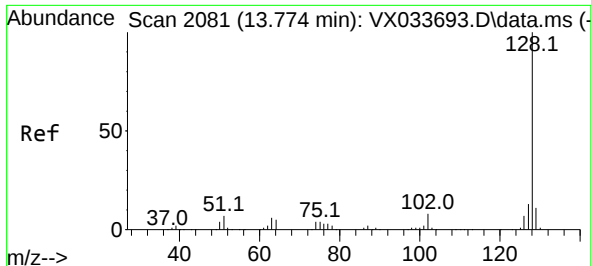
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.9

227 61.6 32.3 96.9

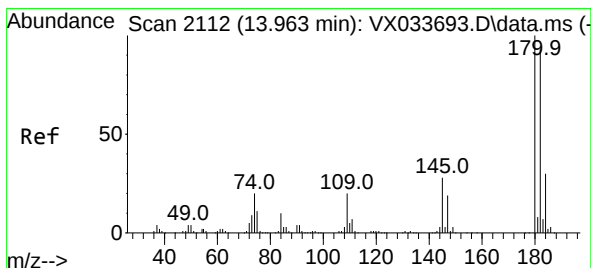
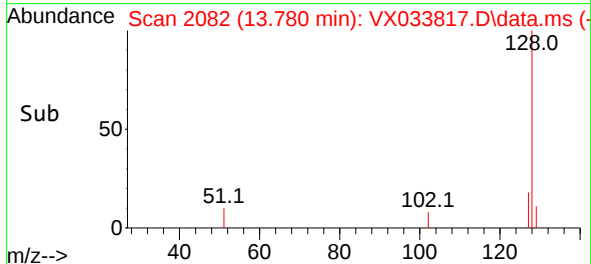
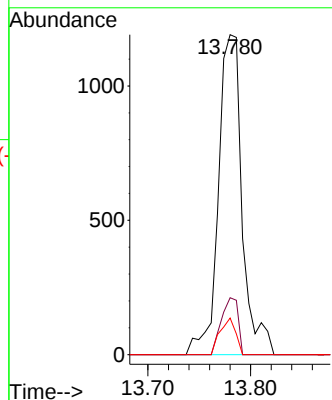
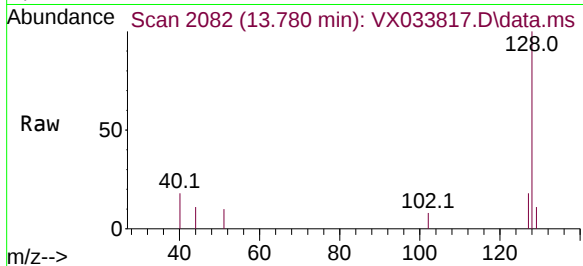




#95
Naphthalene
Concen: 0.293 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Instrument :
MSVOA_X
ClientSampleId :
VX0120MBL01

Tgt Ion:128 Resp: 1911
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 7.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.344 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX033817.D
Acq: 20 Jan 2023 10:49

Tgt Ion:180 Resp: 779
Ion Ratio Lower Upper
180 100
182 99.7 47.6 142.9
145 33.1 15.1 45.3

