

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033176.D
 Acq On : 02 Dec 2022 11:31
 Operator : JC/MD
 Sample : VX1202MBL01
 Misc : 5.00g/10mL/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202MBL01

Quant Time: Dec 03 04:29:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

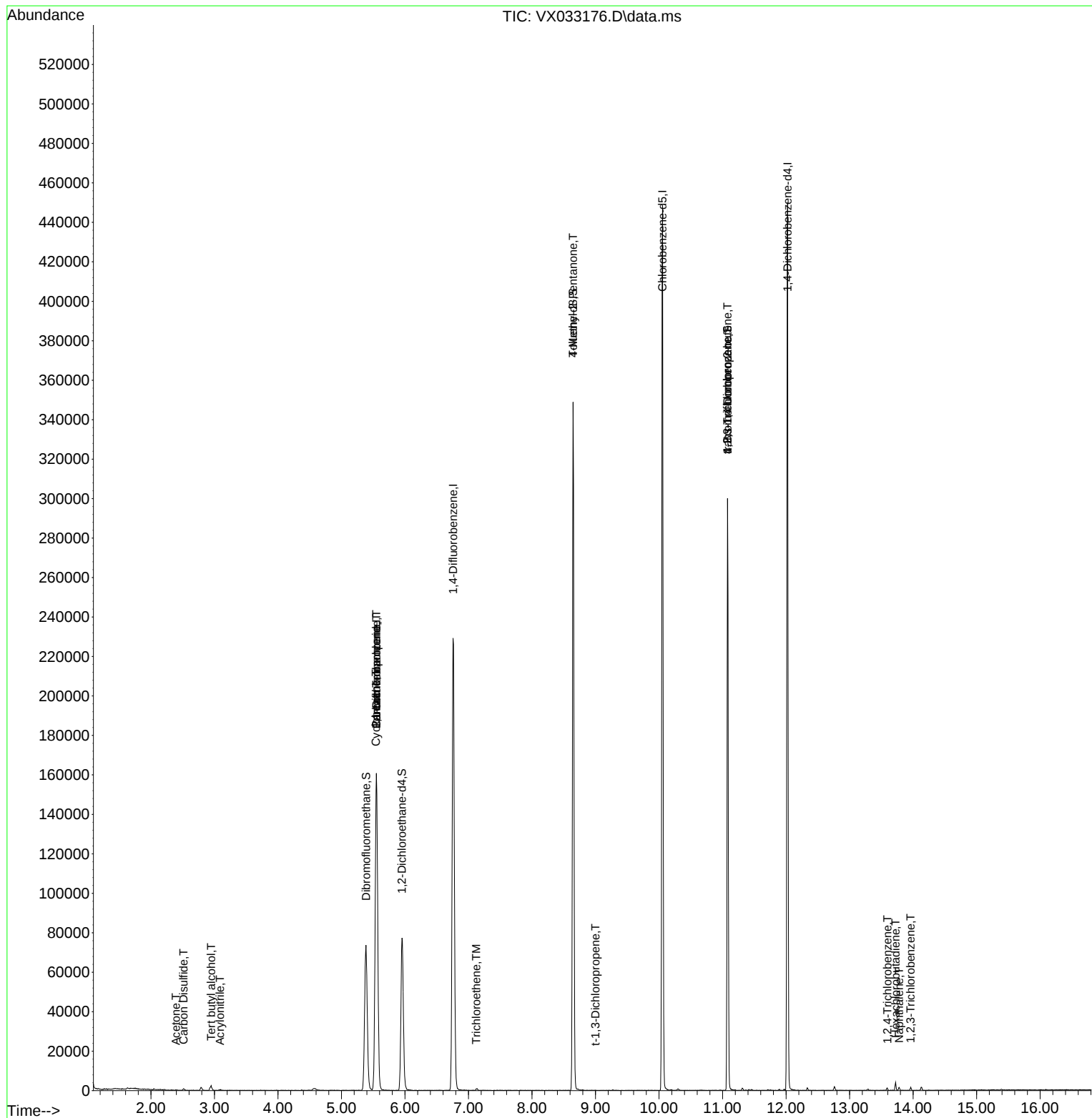
Internal Standards						
1) Pentafluorobenzene	5.550	168	150800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78470	53.470	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.940%			
35) Dibromofluoromethane	5.385	113	63636	47.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.760%			
50) Toluene-d8	8.647	98	207953	51.526	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.060%			
62) 4-Bromofluorobenzene	11.079	95	75836	42.984	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.960%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	1333	5.726	ug/l #	72
15) Acrylonitrile	3.087	53	215	0.327	ug/l #	44
16) Acetone	2.392	43	299	0.436	ug/l #	45
17) Carbon Disulfide	2.514	76	1035	0.285	ug/l #	88
20) Methylene Chloride	2.794	84	699	Below Cal	#	84
31) Cyclohexane	5.544	56	3184	1.338	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	12014	5.594	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15627	6.560	ug/l #	14
44) Trichloroethene	7.123	130	354	0.210	ug/l	90
51) 4-Methyl-2-Pentanone	8.647	43	928	0.485	ug/l #	1
53) t-1,3-Dichloropropene	9.000	75	69	1.545	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	41564	23.444	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	41564	76.202	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.597	180	470	0.254	ug/l	82
94) Hexachlorobutadiene	13.725	225	602	0.737	ug/l	97
95) Naphthalene	13.780	128	1376	0.230	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	557	0.300	ug/l	91

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

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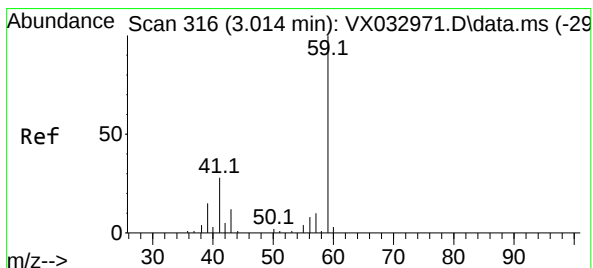
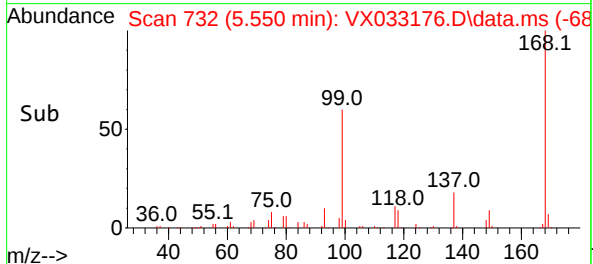
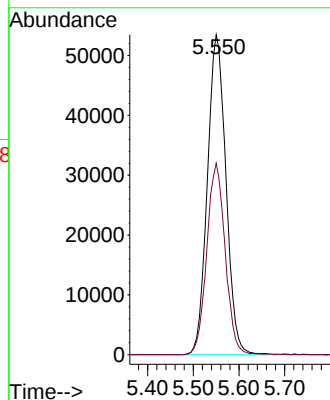
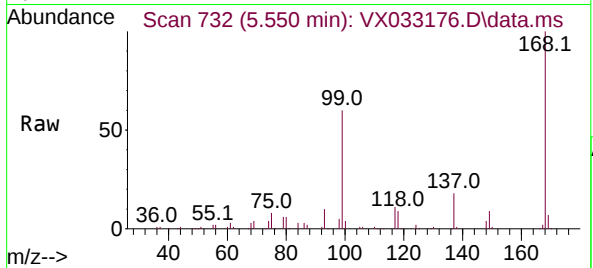




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

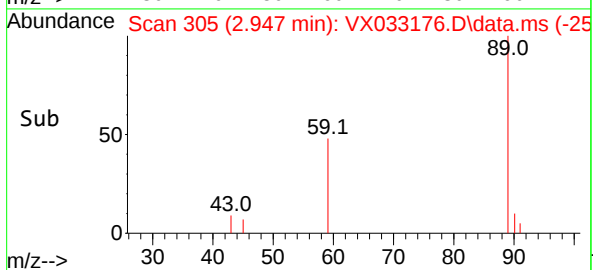
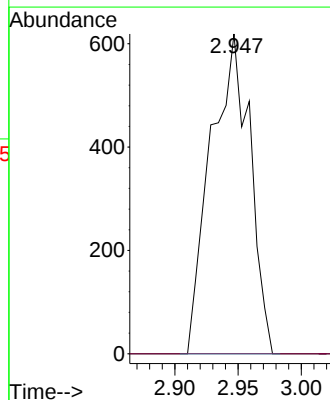
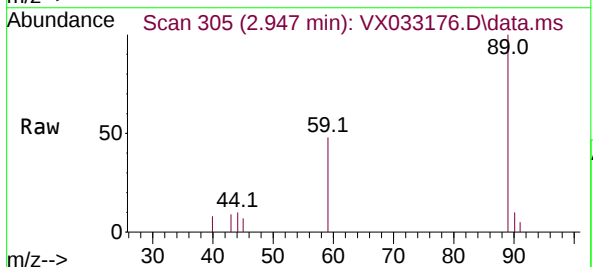
Instrument :
MSVOA_X
ClientSampleId :
VX1202MBL01

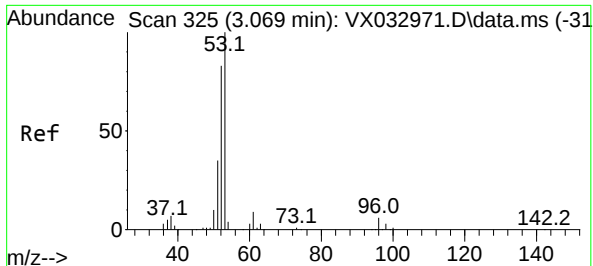
Tgt Ion:168 Resp: 150800
Ion Ratio Lower Upper
168 100
99 59.8 46.1 69.1



#11
Tert butyl alcohol
Concen: 5.726 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Tgt Ion: 59 Resp: 1333
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

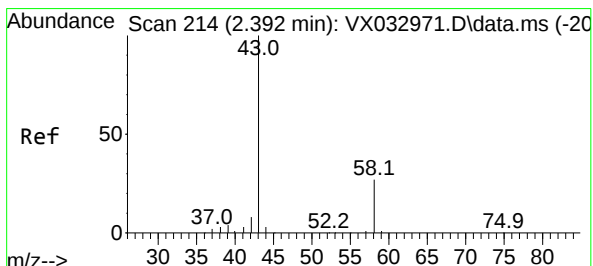
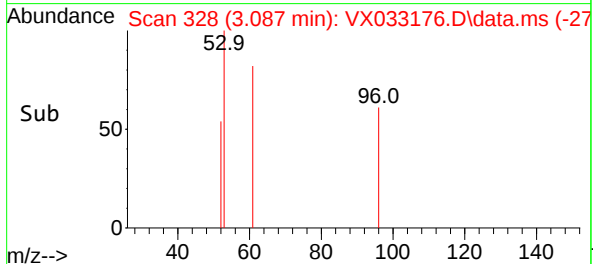
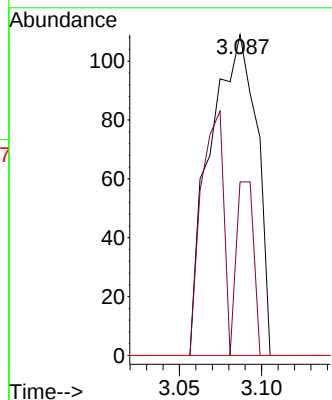
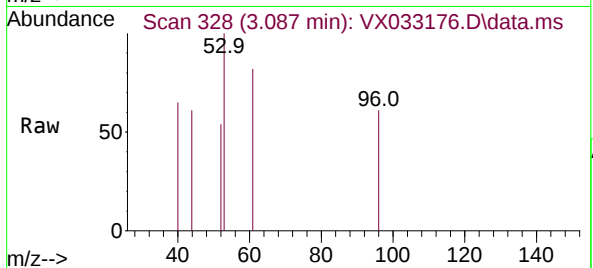




#15
Acrylonitrile
Concen: 0.327 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.025 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

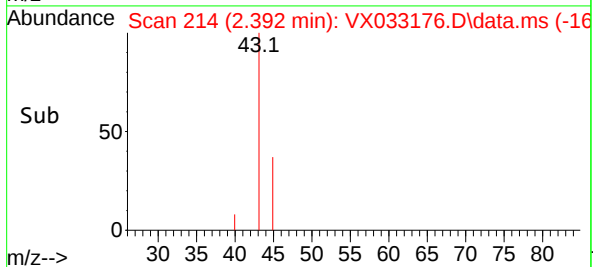
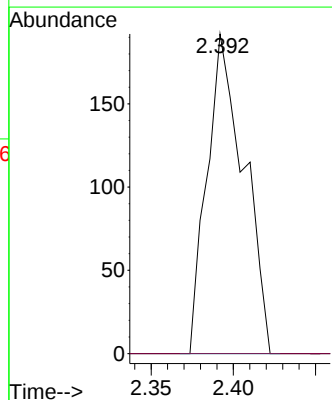
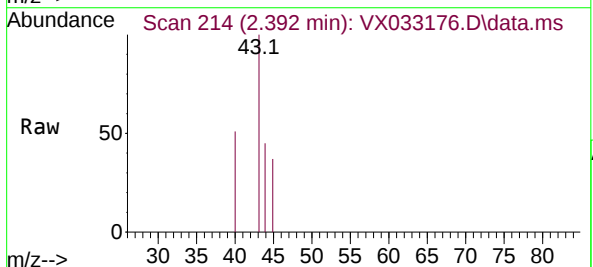
Instrument :
MSVOA_X
ClientSampleId :
VX1202MBL01

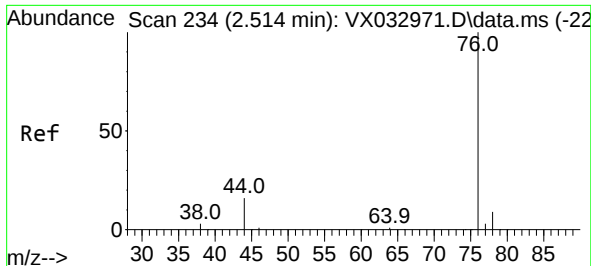
Tgt Ion: 53 Resp: 215
Ion Ratio Lower Upper
53 100
52 36.3 67.4 101.0#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 0.436 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

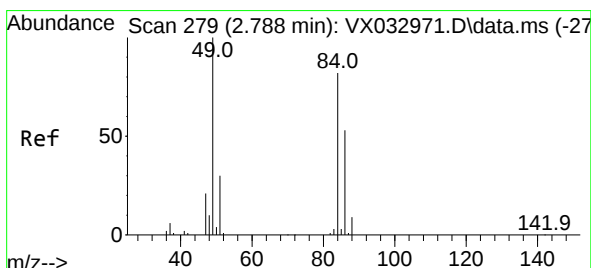
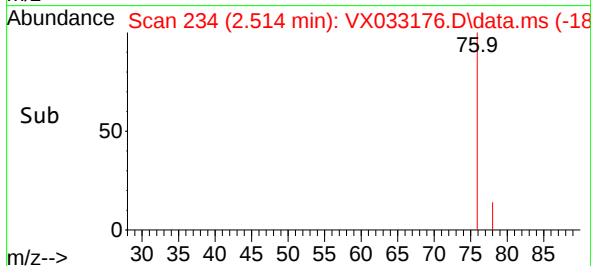
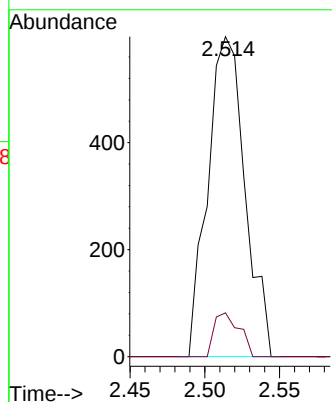
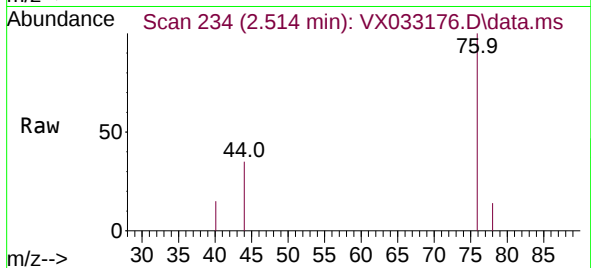




#17
Carbon Disulfide
Concen: 0.285 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

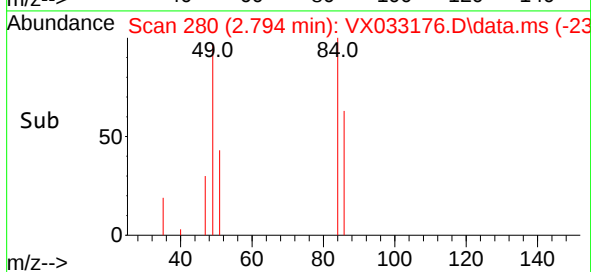
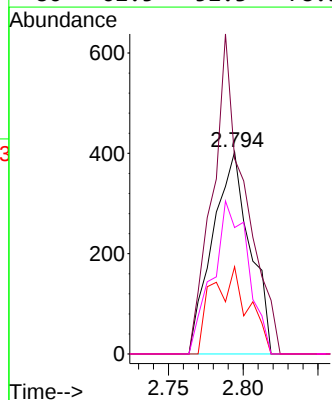
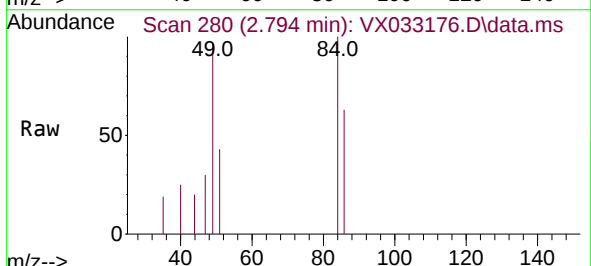
Instrument :
MSVOA_X
ClientSampleId :
VX1202MBL01

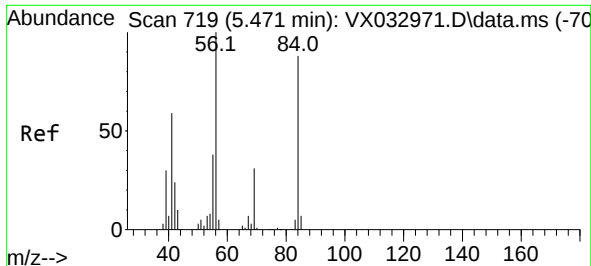
Tgt Ion: 76 Resp: 1035
Ion Ratio Lower Upper
76 100
78 13.7 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

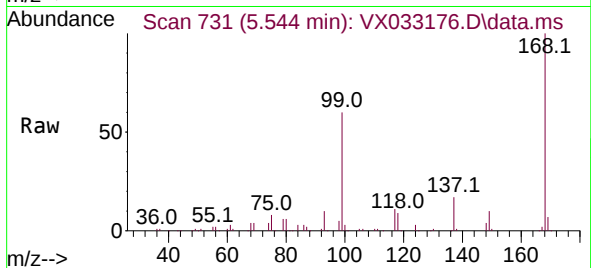
Tgt Ion: 84 Resp: 699
Ion Ratio Lower Upper
84 100
49 96.5 101.0 151.6#
51 43.2 31.1 46.7
86 62.5 52.3 78.5



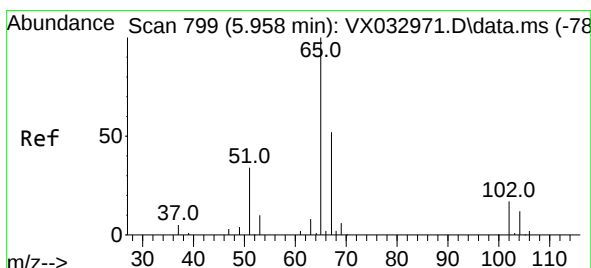
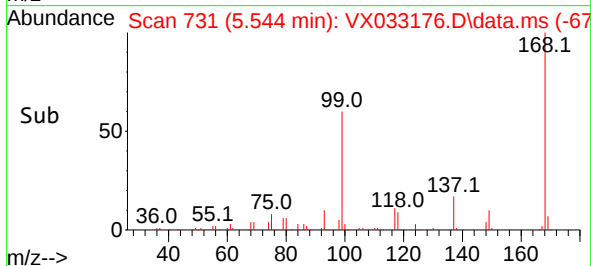
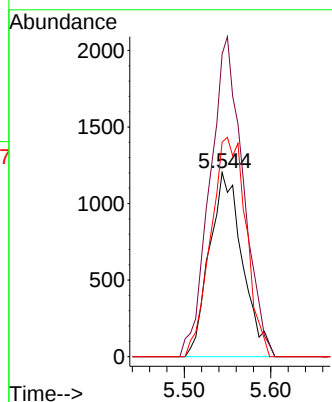


#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX1202MBL01

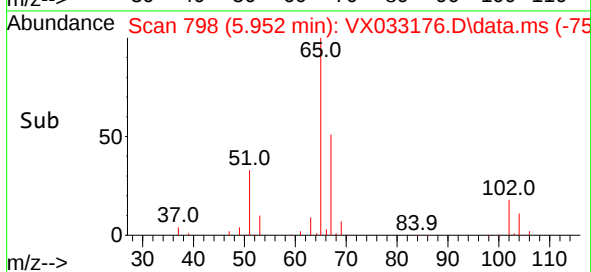
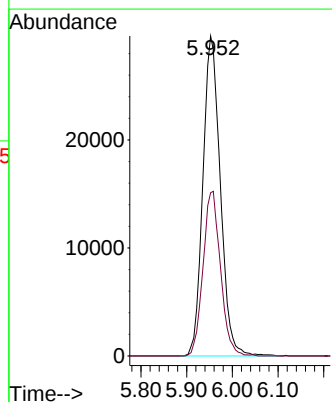
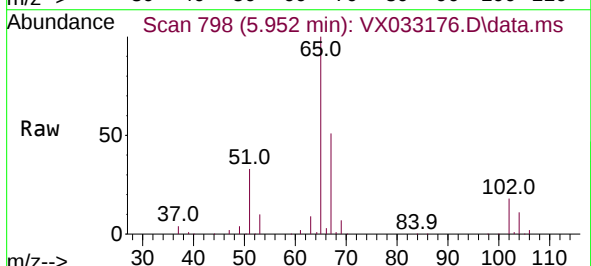


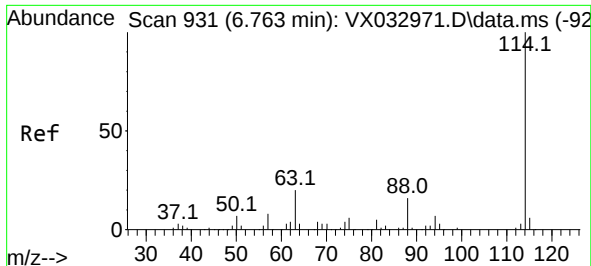
Tgt Ion: 56 Resp: 3184
Ion Ratio Lower Upper
56 100
69 164.3 24.1 36.1#
84 116.5 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.470 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Tgt Ion: 65 Resp: 78470
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033176.D

Acq: 02 Dec 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1202MBL01

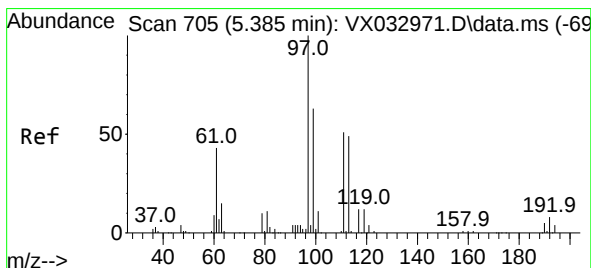
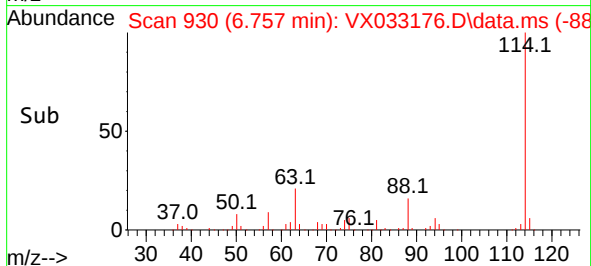
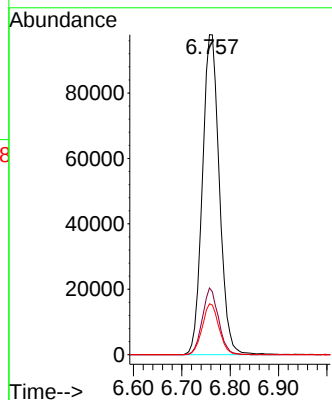
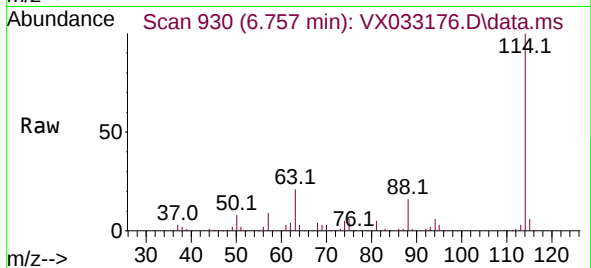
Tgt Ion:114 Resp: 238235

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

88 15.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.381 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033176.D

Acq: 02 Dec 2022 11:31

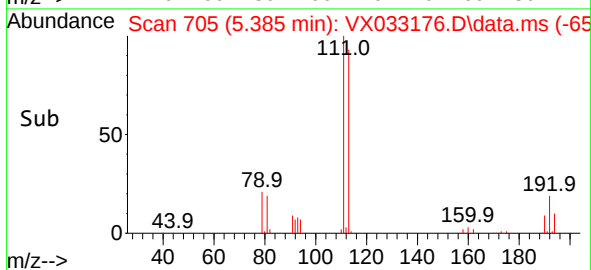
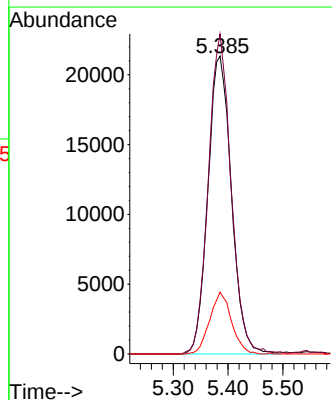
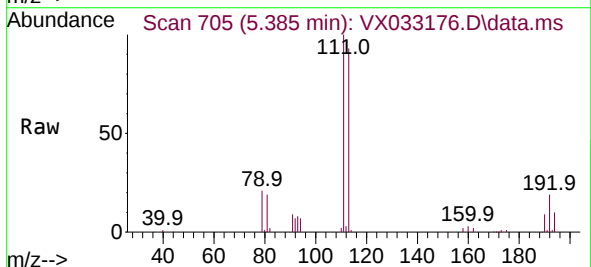
Tgt Ion:113 Resp: 63636

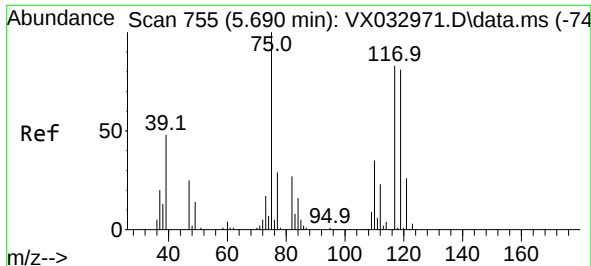
Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 19.2 15.4 23.2

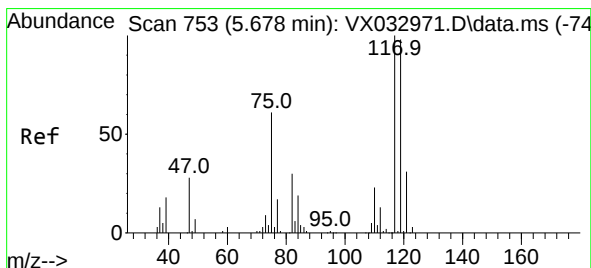
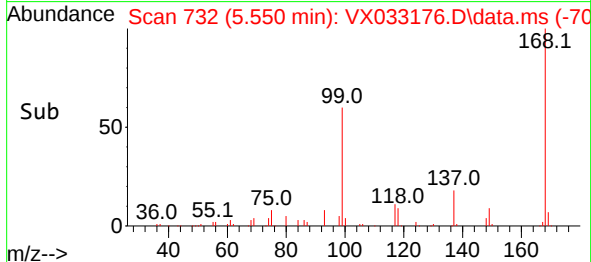
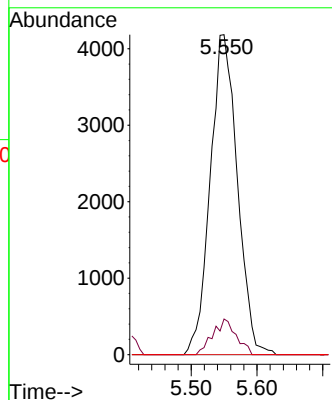
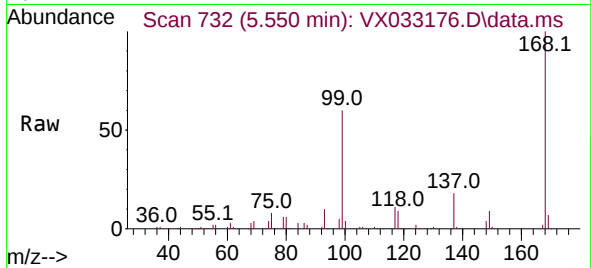




#36
1,1-Dichloropropene
Concen: 5.594 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

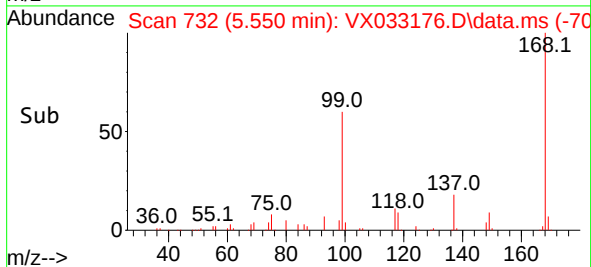
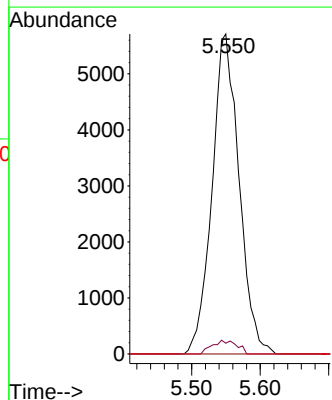
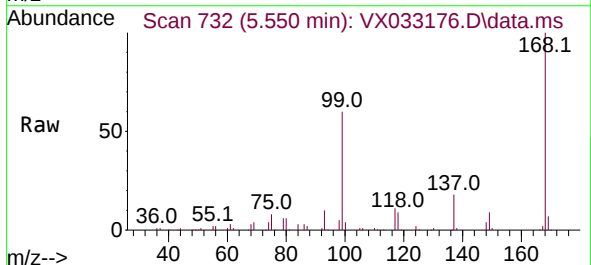
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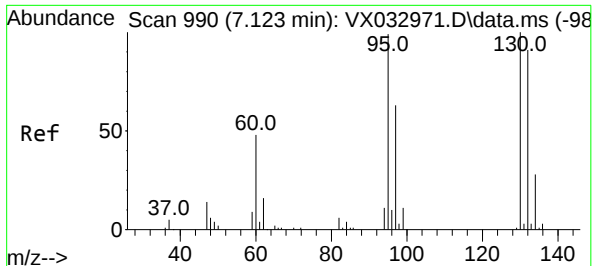
Tgt Ion: 75 Resp: 12014
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Tgt Ion: 117 Resp: 15627
Ion Ratio Lower Upper
117 100
119 3.4 77.2 115.8#
121 0.0 25.8 38.6#

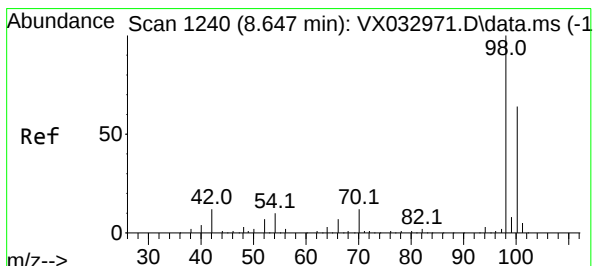
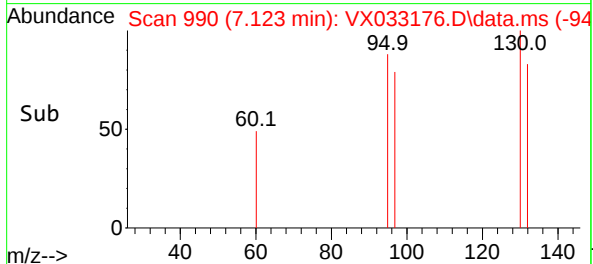
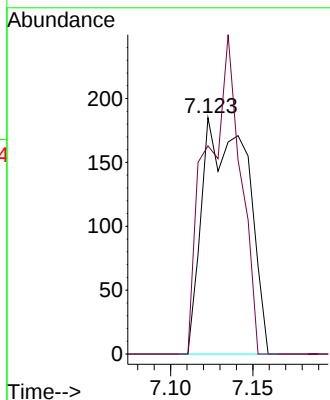
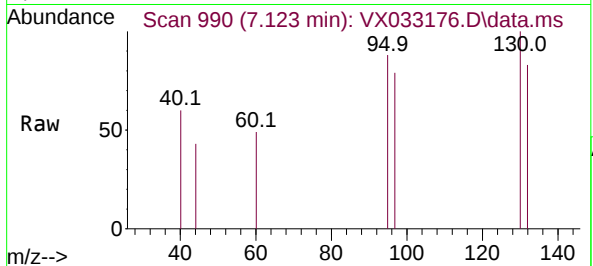




#44
Trichloroethene
Concen: 0.210 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

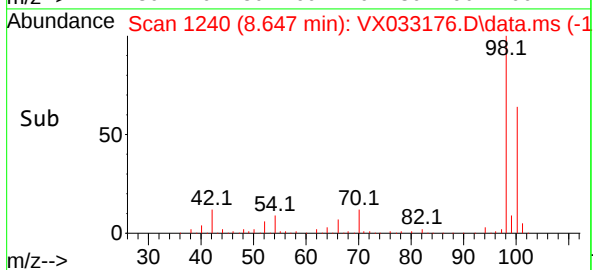
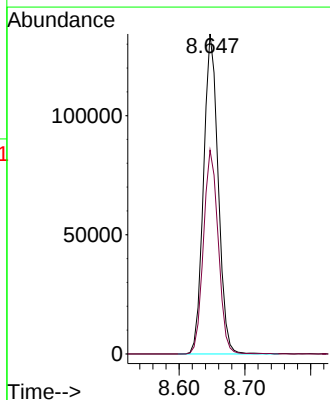
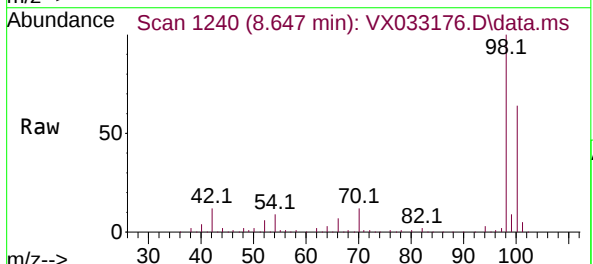
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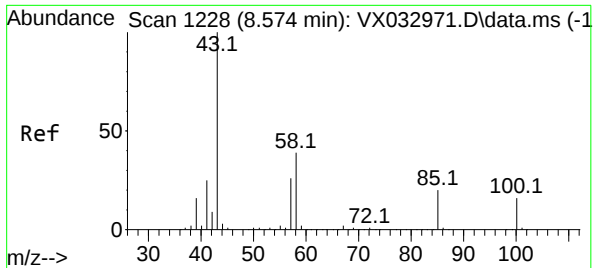
Tgt Ion:130 Resp: 354
Ion Ratio Lower Upper
130 100
95 88.1 0.0 195.2



#50
Toluene-d8
Concen: 51.526 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Tgt Ion: 98 Resp: 207953
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

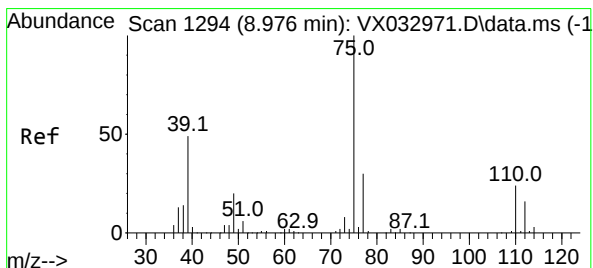
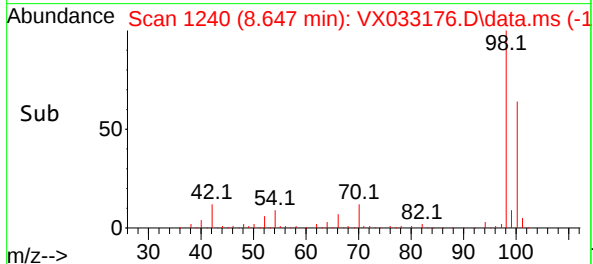
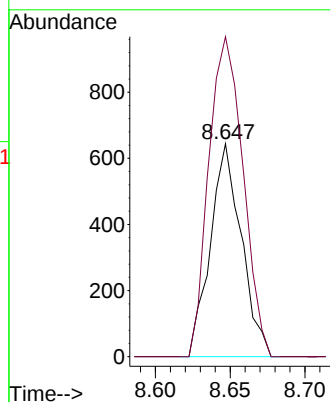
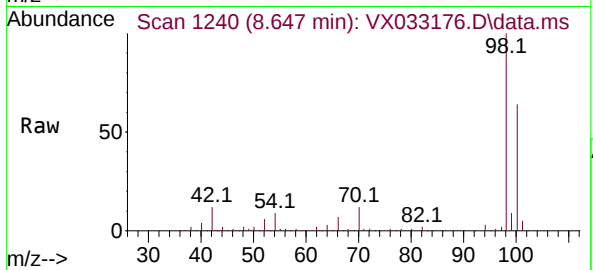




#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

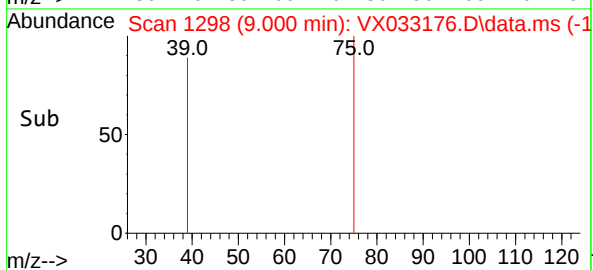
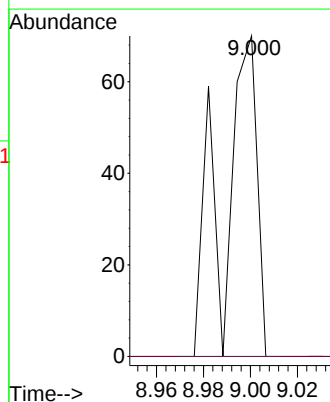
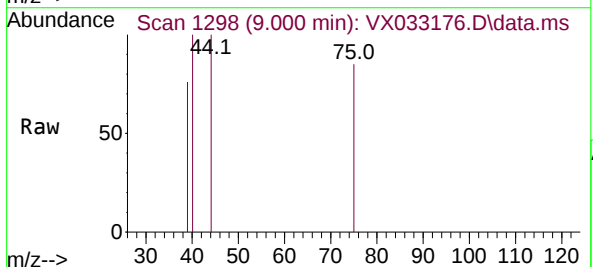
Instrument :
MSVOA_X
ClientSampleId :
VX1202MBL01

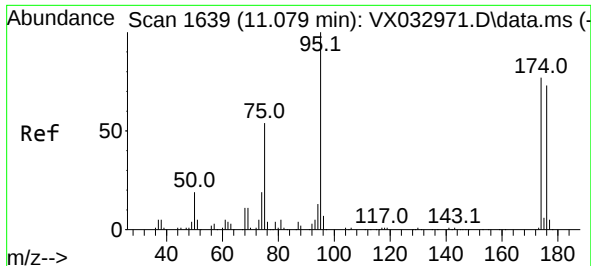
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 166.3 30.9 46.3#



#53
t-1,3-Dichloropropene
Concen: 1.545 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Tgt Ion: 75 Resp: 69
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

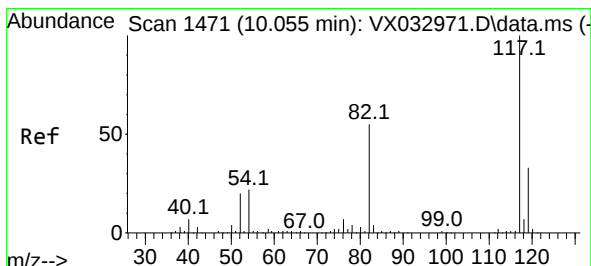
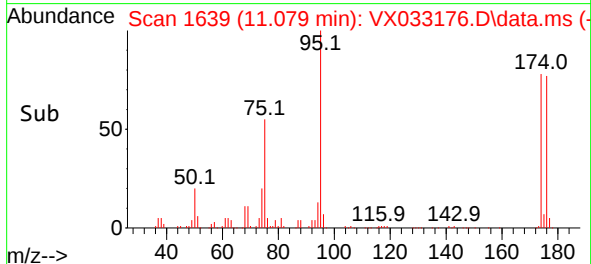
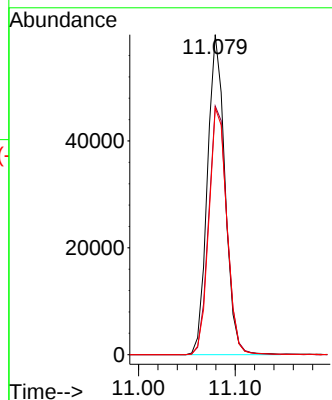
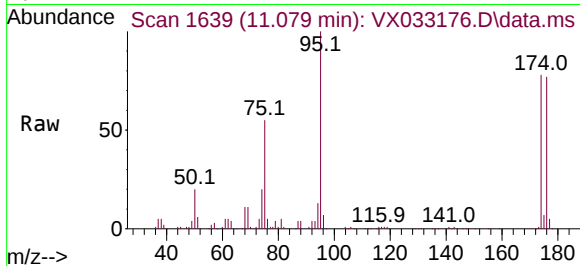




#62
4-Bromofluorobenzene
Concen: 42.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

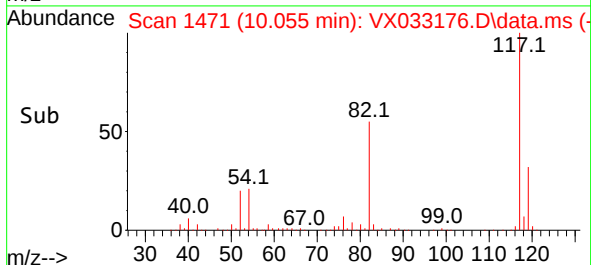
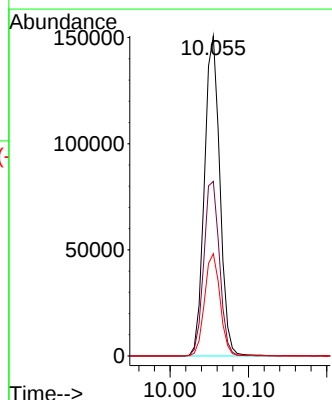
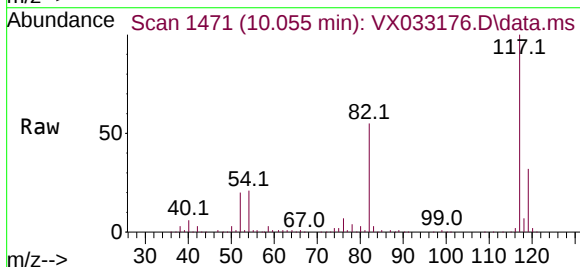
Instrument :
MSVOA_X
ClientSampleId :
VX1202MBL01

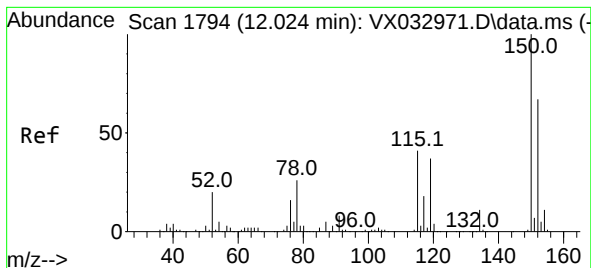
Tgt Ion: 95 Resp: 75836
Ion Ratio Lower Upper
95 100
174 80.4 0.0 164.0
176 78.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Tgt Ion: 117 Resp: 206083
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033176.D

Acq: 02 Dec 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX1202MBL01

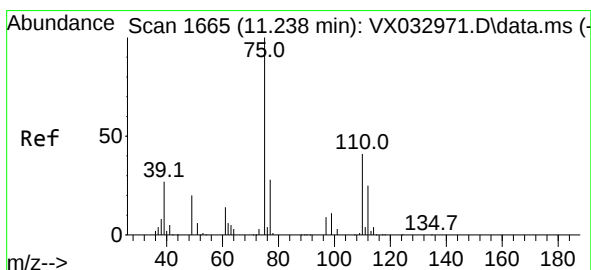
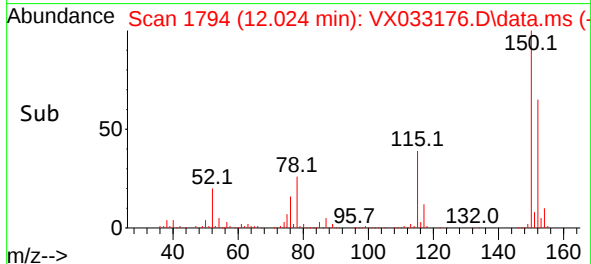
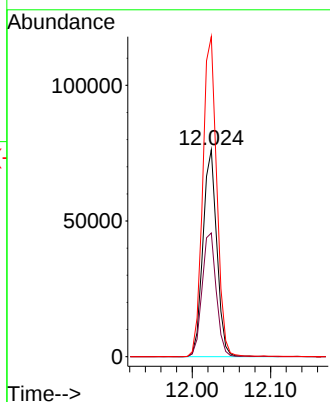
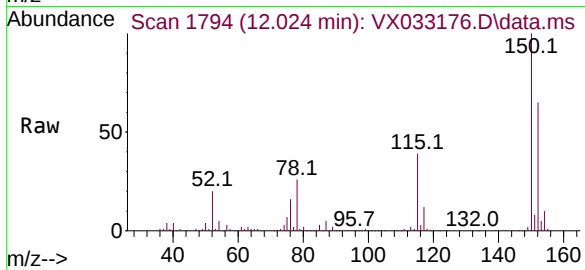
Tgt Ion:152 Resp: 93616

Ion Ratio Lower Upper

152 100

115 61.3 44.0 132.0

150 156.8 0.0 351.8



#76

1,2,3-Trichloropropane

Concen: 23.444 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX033176.D

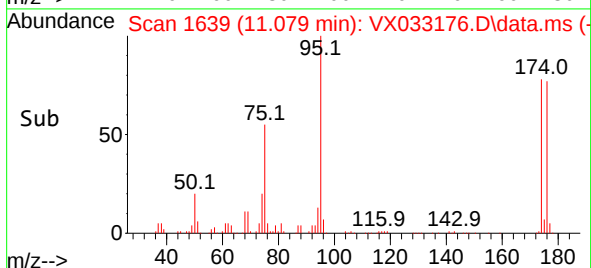
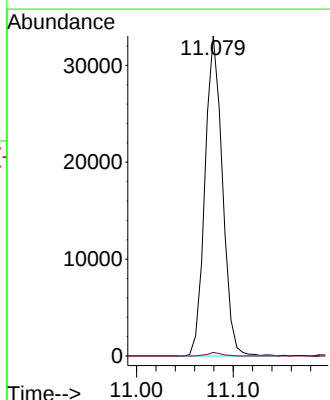
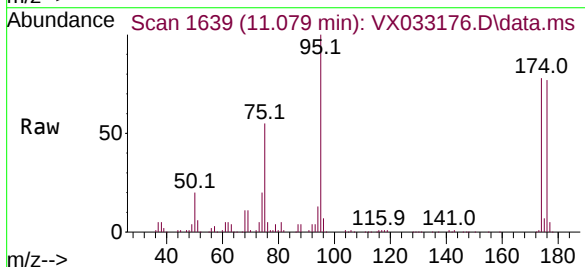
Acq: 02 Dec 2022 11:31

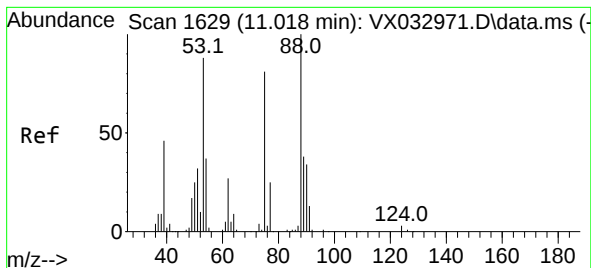
Tgt Ion: 75 Resp: 41564

Ion Ratio Lower Upper

75 100

77 0.9 20.0 60.0#

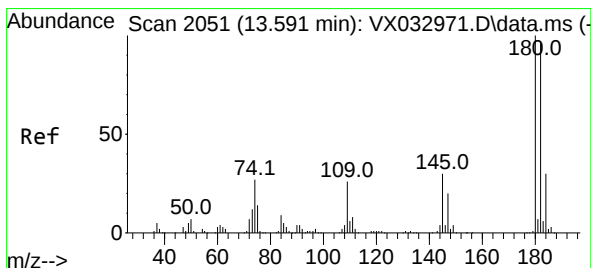
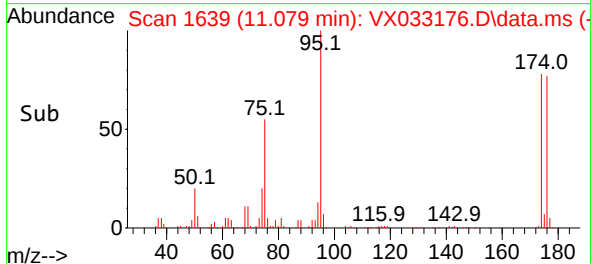
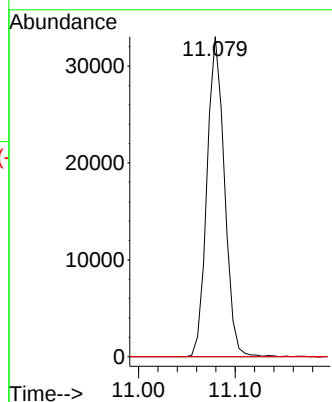
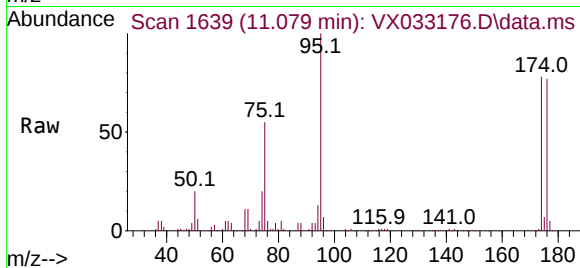




#81
trans-1,4-Dichloro-2-butene
Concen: 76.202 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

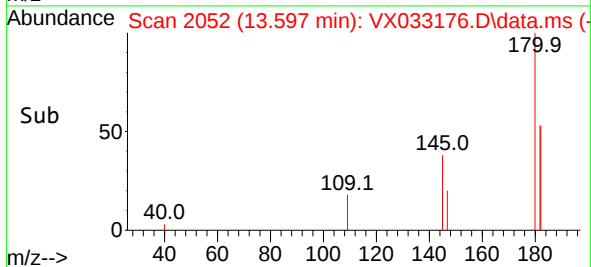
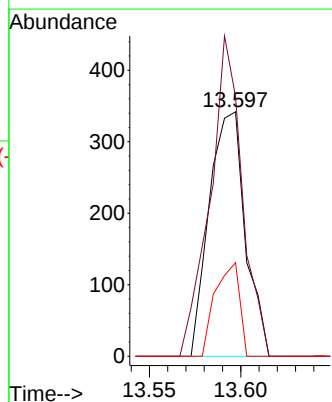
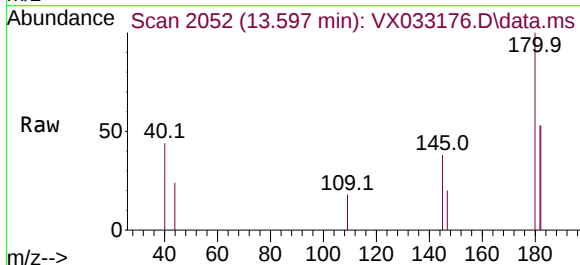
Instrument :
MSVOA_X
ClientSampleId :
VX1202MBL01

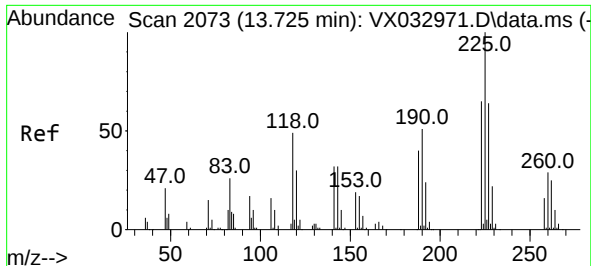
Tgt Ion: 75 Resp: 41564
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.254 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

Tgt Ion:180 Resp: 470
Ion Ratio Lower Upper
180 100
182 116.4 48.4 145.0
145 25.7 16.2 48.5

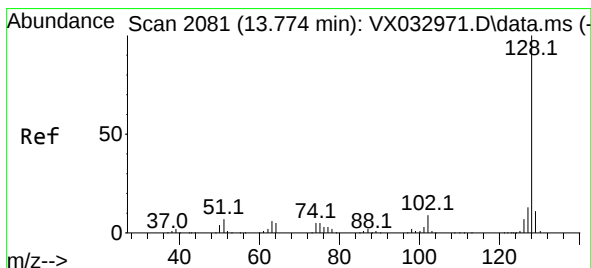
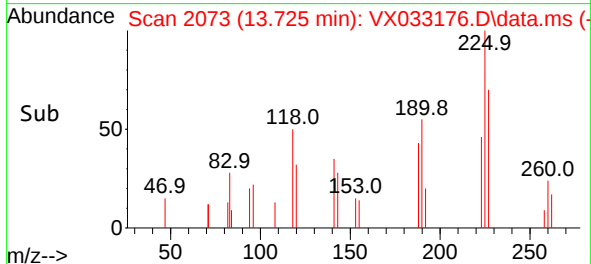
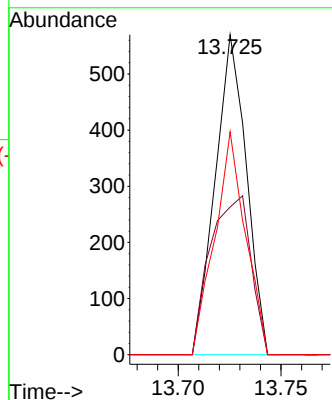
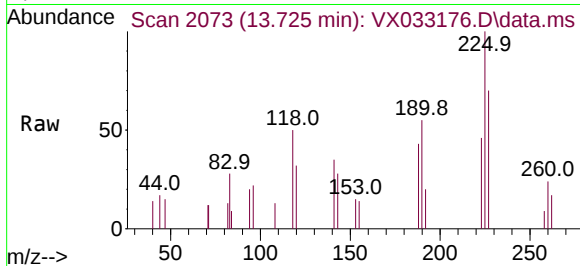




#94
Hexachlorobutadiene
Concen: 0.737 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

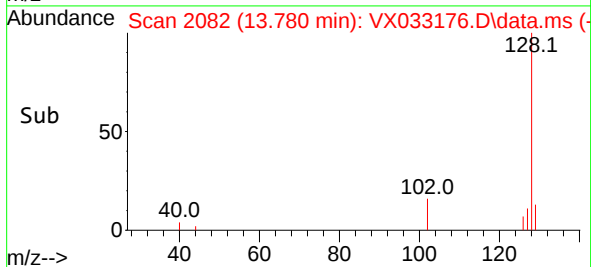
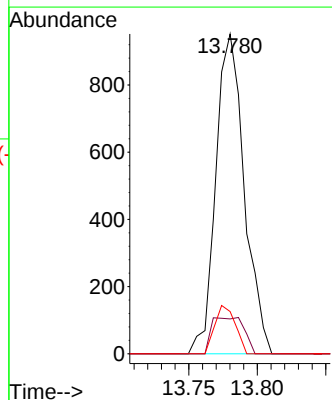
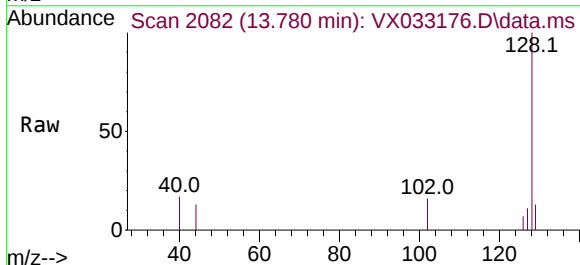
Instrument :
MSVOA_X
ClientSampleId :
VX1202MBL01

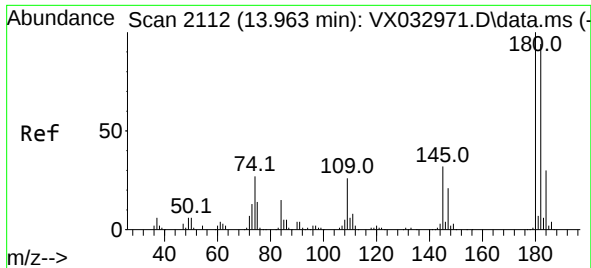
Tgt Ion:	225	Resp:	602
Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.9	95.9
227	68.4	31.9	95.5



#95
Naphthalene
Concen: 0.230 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX033176.D
Acq: 02 Dec 2022 11:31

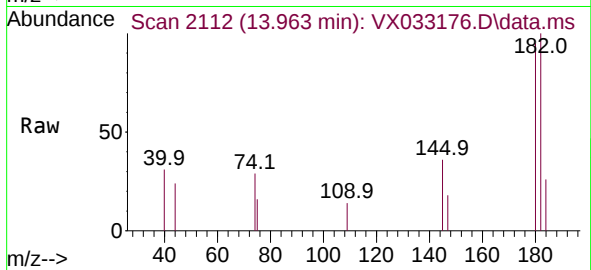
Tgt Ion:	128	Resp:	1376
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 0.300 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX033176.D
 Acq: 02 Dec 2022 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202MBL01



Tgt Ion:180	Resp:	557
Ion	Ratio	Lower Upper
180	100	
182	84.9	47.5 142.6
145	31.4	16.9 50.6

