

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031353.D
 Acq On : 15 Sep 2022 14:13
 Operator : JC/MD
 Sample : VX0915MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0915WBL01

Quant Time: Sep 16 04:52:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

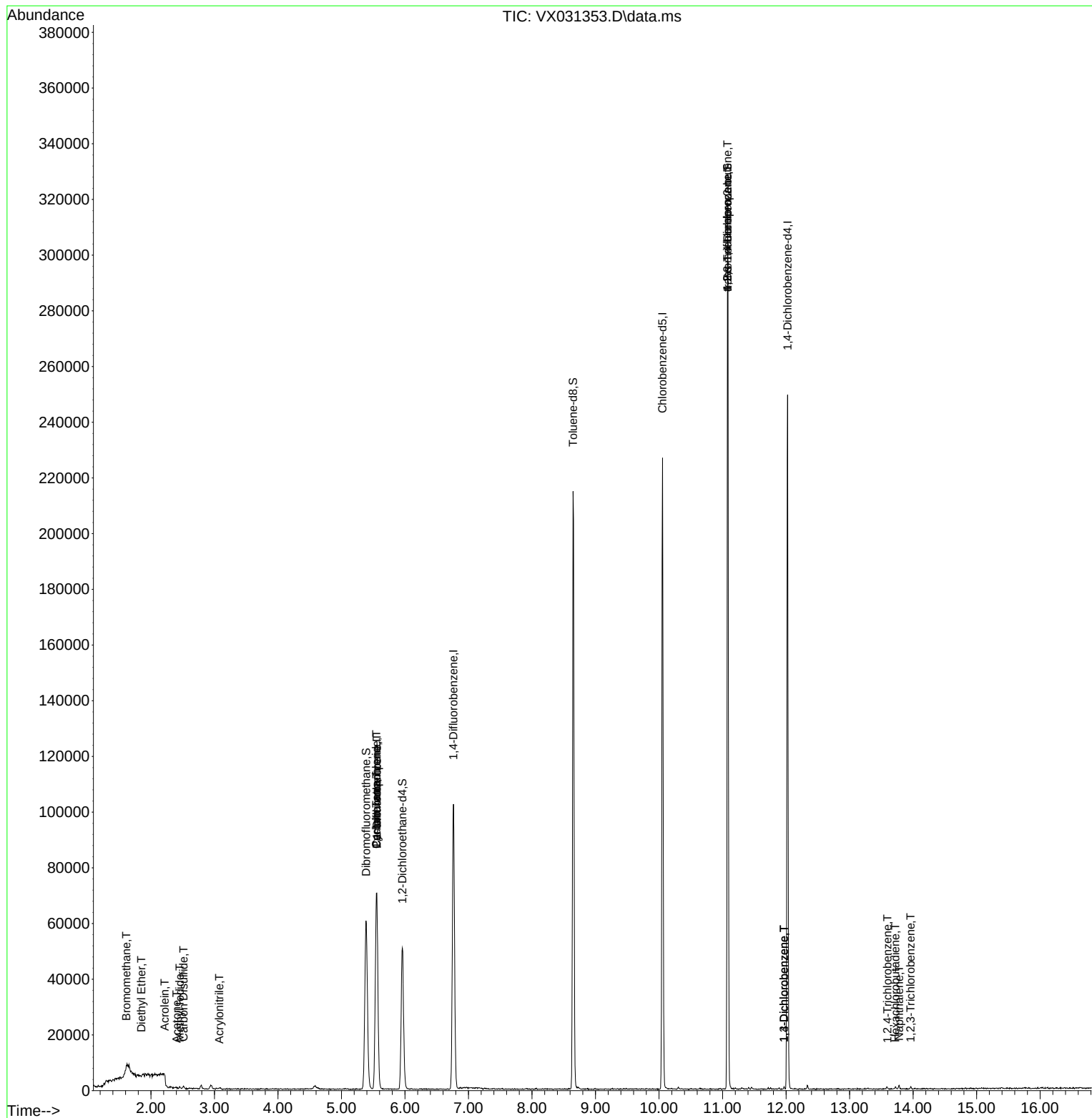
Internal Standards						
1) Pentafluorobenzene	5.556	168	67084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	102252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47104	28.607	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	57.220%#		
35) Dibromofluoromethane	5.385	113	50154	45.630	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.260%		
50) Toluene-d8	8.647	98	123819	30.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	60.060%#		
62) 4-Bromofluorobenzene	11.079	95	75174	49.790	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.580%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	288	Below Cal	#	41
5) Bromomethane	1.611	94	642	0.730	ug/l	94
8) Diethyl Ether	1.849	74	19	0.548	ug/l #	1
10) Methyl Iodide	2.453	142	405	1.275	ug/l #	92
11) Tert butyl alcohol	2.941	59	794	Below Cal	#	73
13) Acrolein	2.215	56	199	1.047	ug/l #	69
15) Acrylonitrile	3.075	53	208	0.274	ug/l #	78
16) Acetone	2.404	43	628	0.893	ug/l #	45
17) Carbon Disulfide	2.514	76	840	1.248	ug/l #	75
20) Methylene Chloride	2.788	84	524	Below Cal	#	85
21) trans-1,2-Dichloroethene	3.087	96	177	Below Cal	#	35
31) Cyclohexane	5.550	56	1896	1.072	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	5114	3.399	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7127	4.358	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	42906	34.917	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42906	96.615	ug/l #	11
87) 1,3-Dichlorobenzene	11.969	146	350	0.224	ug/l	77
88) 1,4-Dichlorobenzene	11.969	146	350	0.218	ug/l	75
93) 1,2,4-Trichlorobenzene	13.597	180	306	0.355	ug/l #	80
94) Hexachlorobutadiene	13.719	225	232	0.689	ug/l #	60
95) Naphthalene	13.780	128	1097	0.313	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	268	0.290	ug/l	63

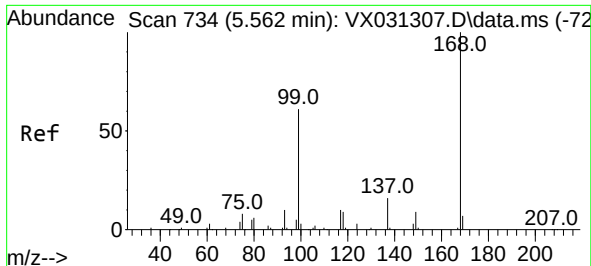
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Sep 16 04:52:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

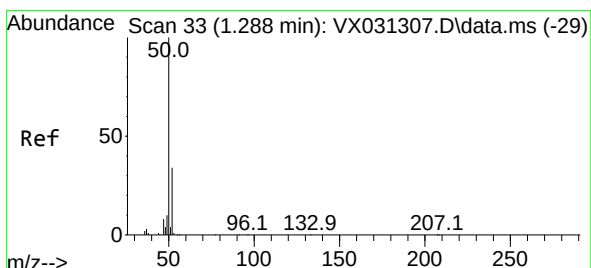
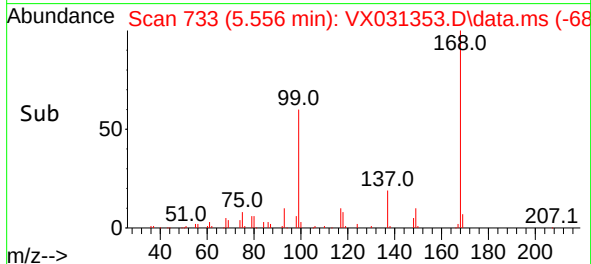
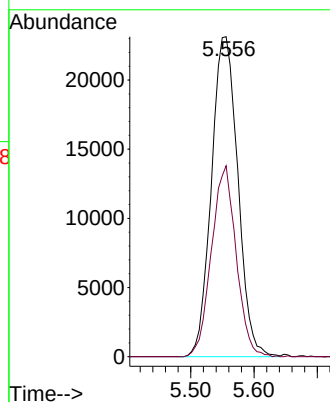
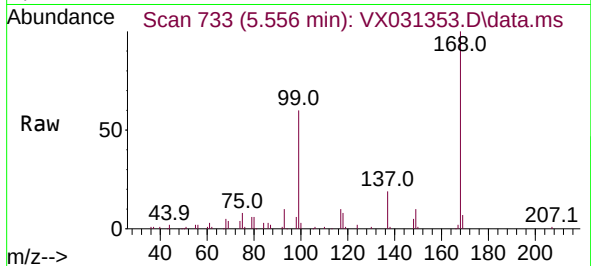




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

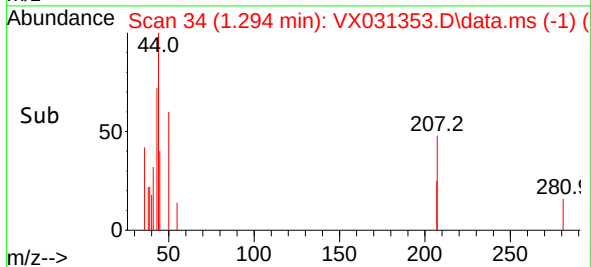
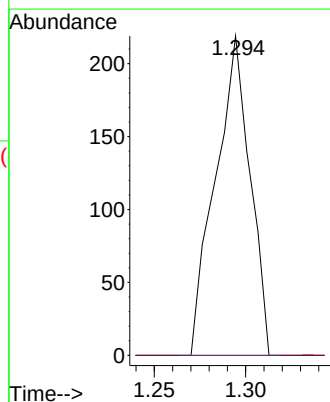
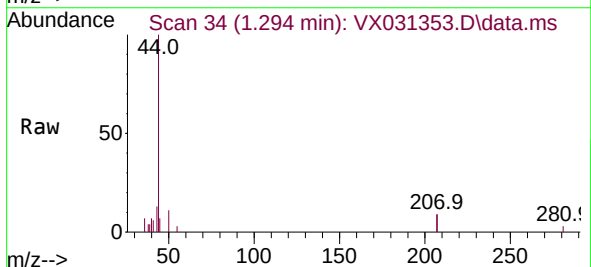
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

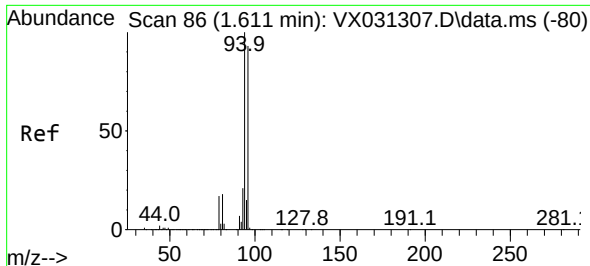
Tgt Ion:168 Resp: 67084
Ion Ratio Lower Upper
168 100
99 59.7 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

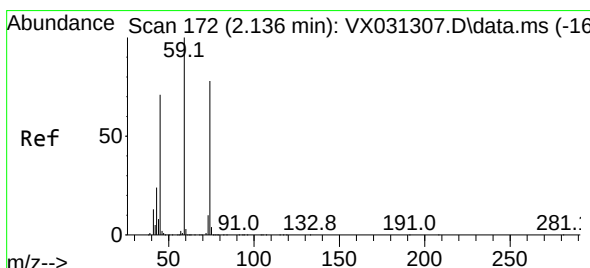
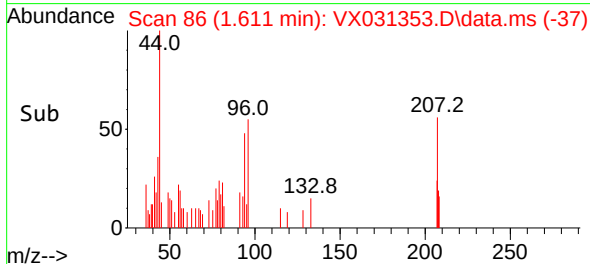
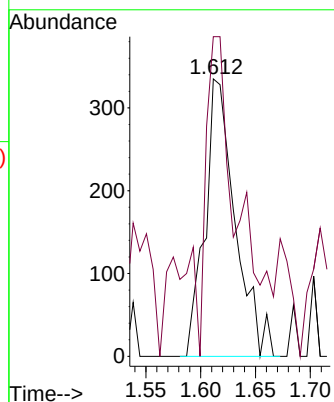
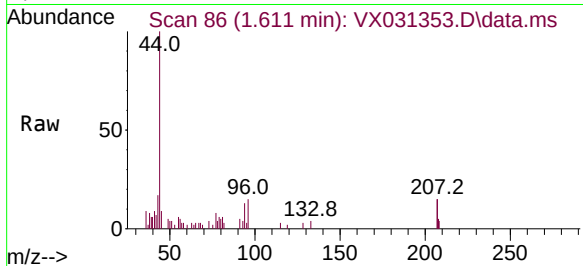




#5
Bromomethane
Concen: 0.730 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

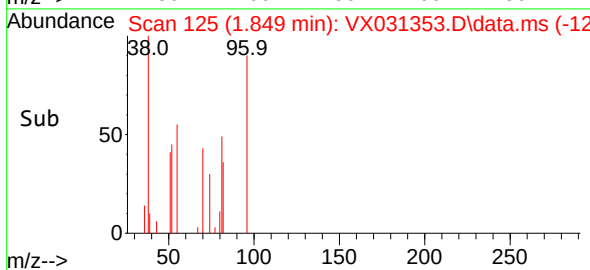
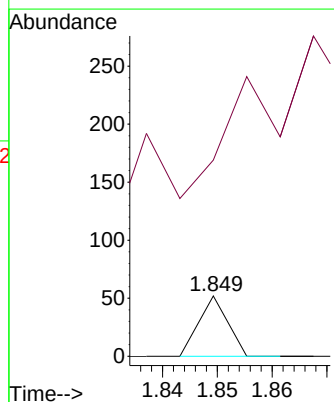
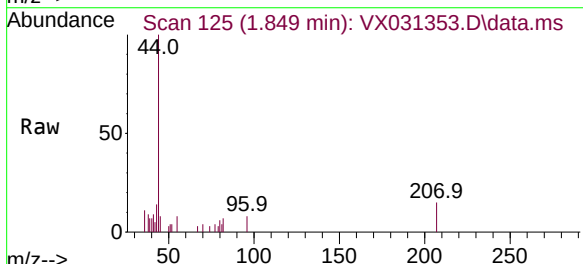
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

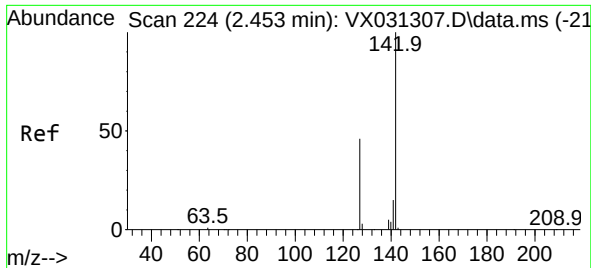
Tgt Ion: 94 Resp: 642
Ion Ratio Lower Upper
94 100
96 87.5 74.4 111.6



#8
Diethyl Ether
Concen: 0.548 ug/l
RT: 1.849 min Scan# 125
Delta R.T. -0.287 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion: 74 Resp: 19
Ion Ratio Lower Upper
74 100
45 1021.1 48.5 145.6#

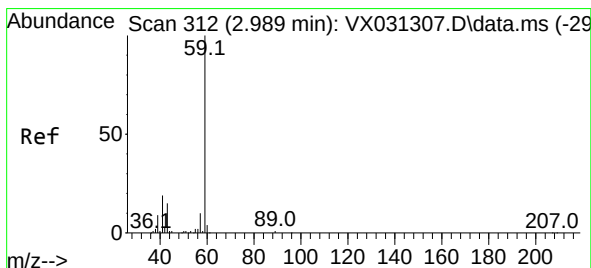
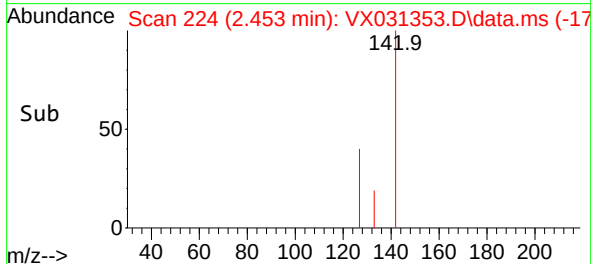
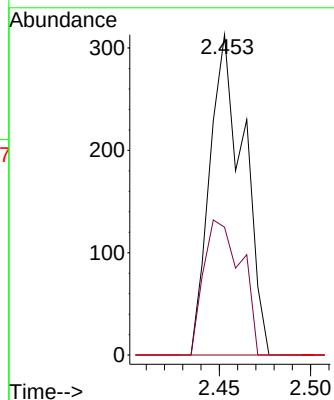
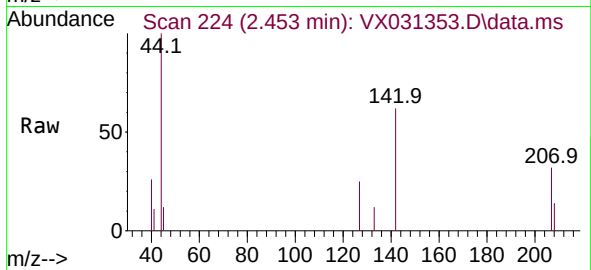




#10
Methyl Iodide
Concen: 1.275 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

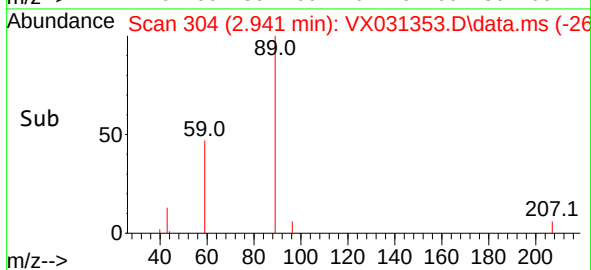
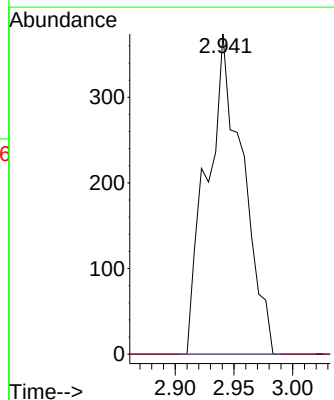
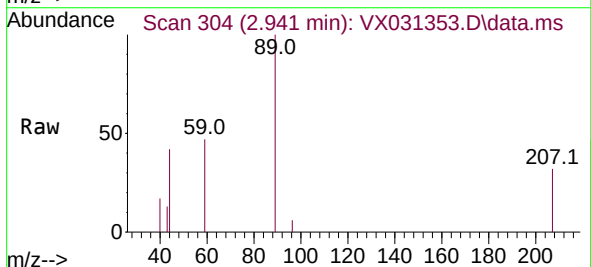
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

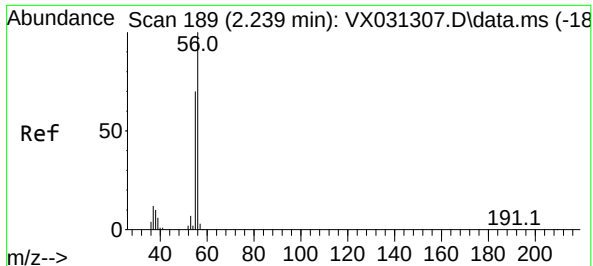
Tgt Ion:142 Resp: 405
Ion Ratio Lower Upper
142 100
127 46.7 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.048 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion: 59 Resp: 794
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

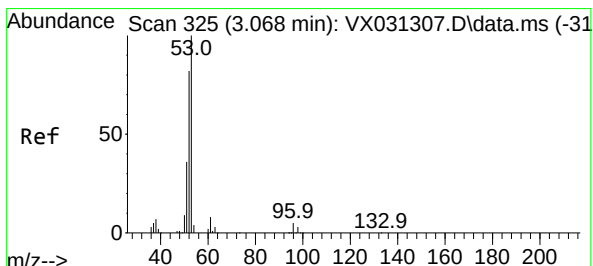
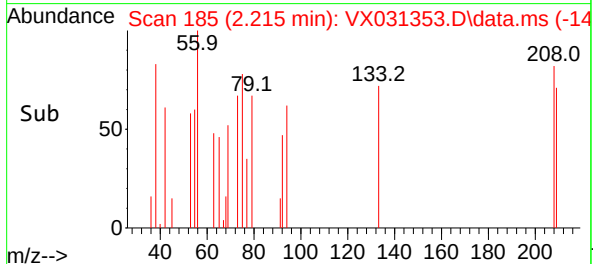
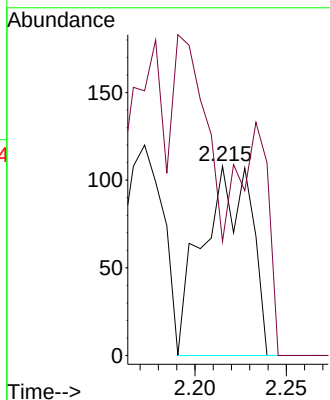
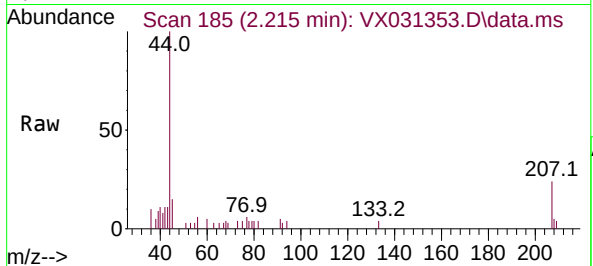




#13
Acrolein
Concen: 1.047 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

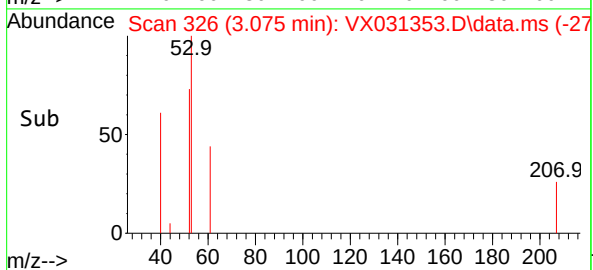
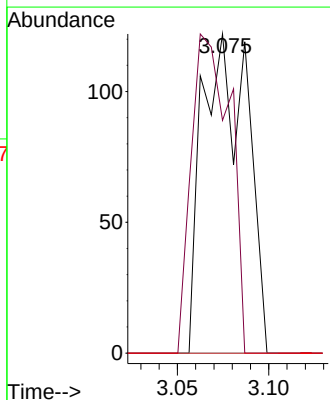
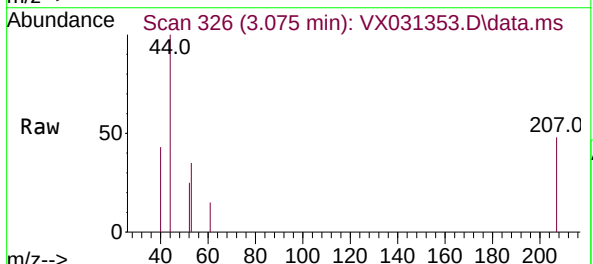
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

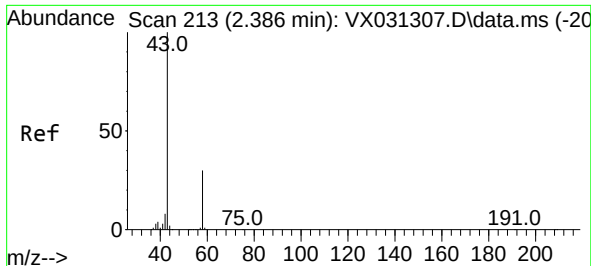
Tgt Ion: 56 Resp: 199
Ion Ratio Lower Upper
56 100
55 44.7 56.0 84.0#



#15
Acrylonitrile
Concen: 0.274 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion: 53 Resp: 208
Ion Ratio Lower Upper
53 100
52 86.5 66.9 100.3
51 0.0 30.0 45.0#





#16

Acetone

Concen: 0.893 ug/l

RT: 2.404 min Scan# 21

Delta R.T. 0.018 min

Lab File: VX031353.D

Acq: 15 Sep 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

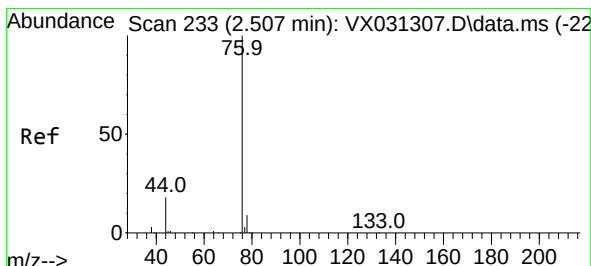
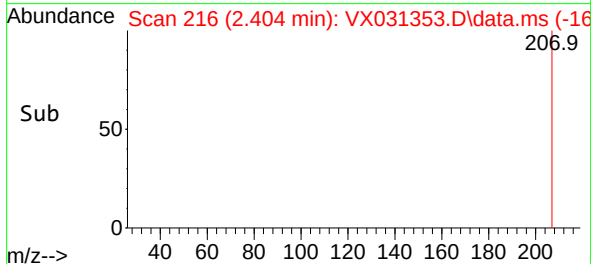
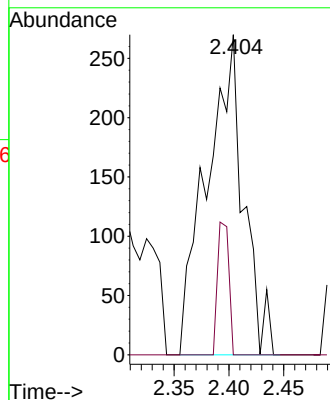
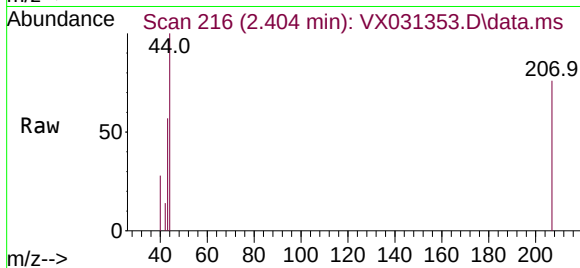
VX0915WBL01

Tgt Ion: 43 Resp: 628

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#17

Carbon Disulfide

Concen: 1.248 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.007 min

Lab File: VX031353.D

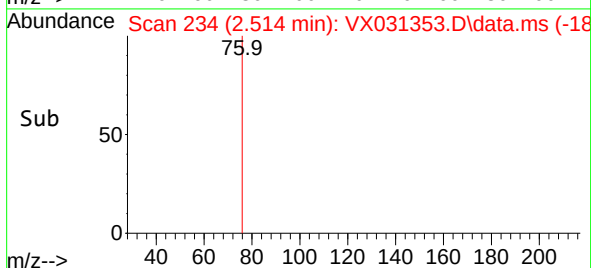
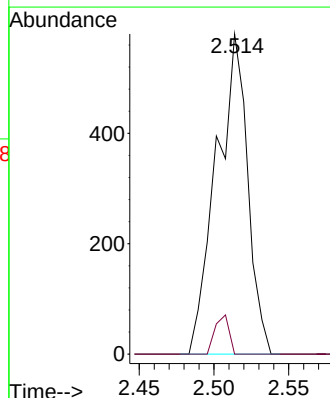
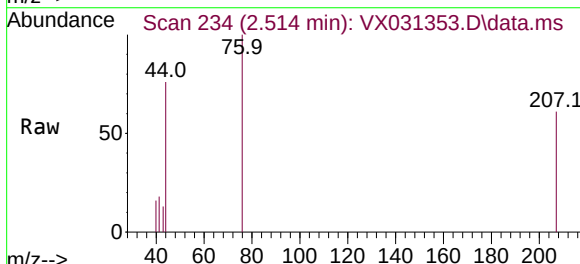
Acq: 15 Sep 2022 14:13

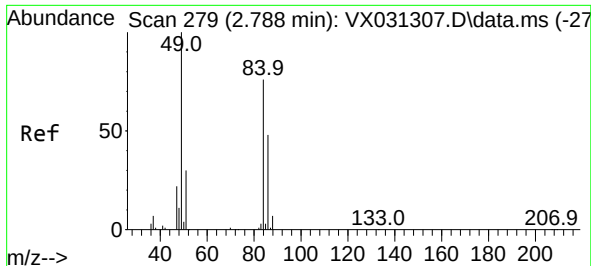
Tgt Ion: 76 Resp: 840

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX031353.D

Acq: 15 Sep 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

VX0915WBL01

Tgt Ion: 84 Resp: 524

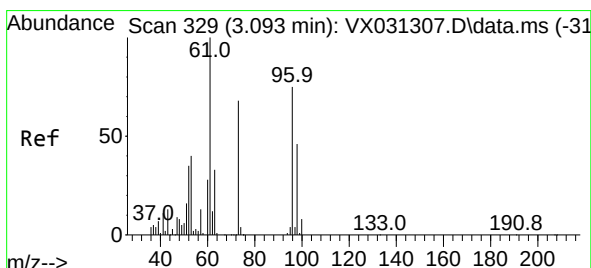
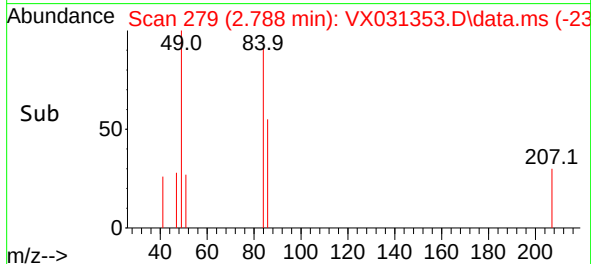
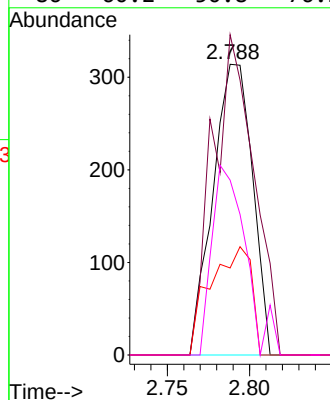
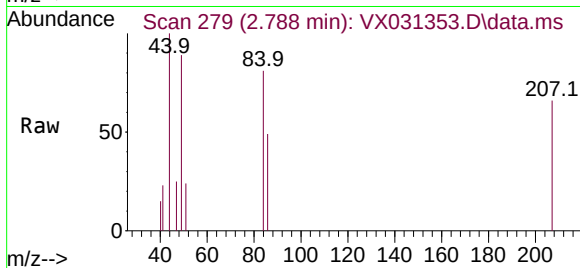
Ion Ratio Lower Upper

84 100

49 110.2 105.9 158.9

51 29.9 32.2 48.2#

86 60.2 50.8 76.2



#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.087 min Scan# 328

Delta R.T. -0.006 min

Lab File: VX031353.D

Acq: 15 Sep 2022 14:13

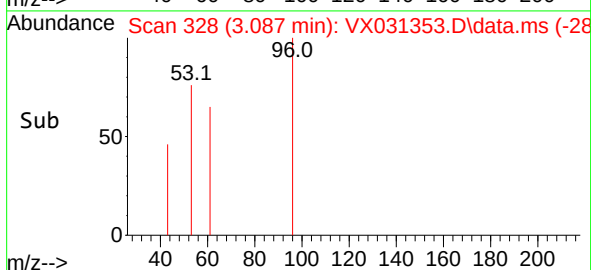
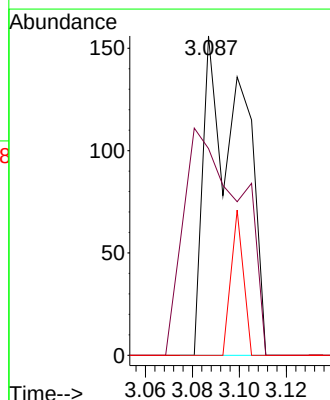
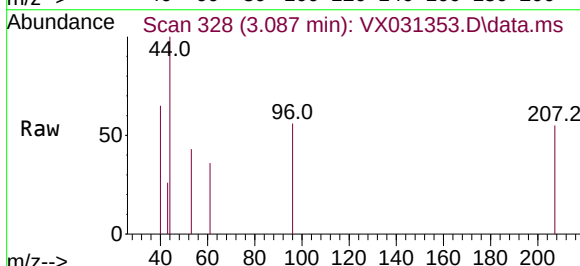
Tgt Ion: 96 Resp: 177

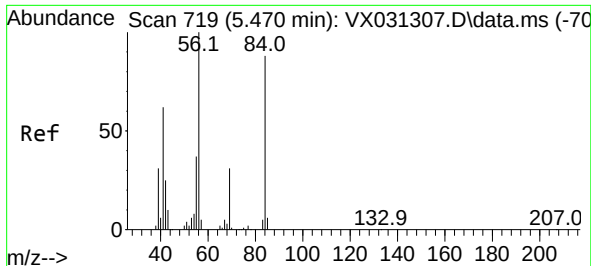
Ion Ratio Lower Upper

96 100

61 64.7 106.7 160.1#

98 0.0 48.7 73.1#

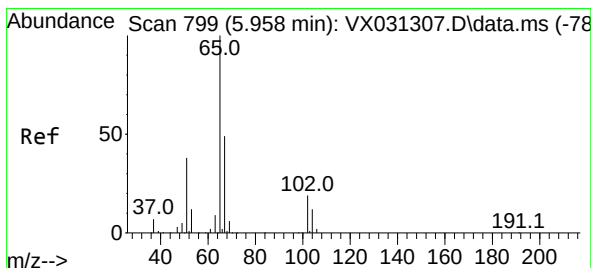
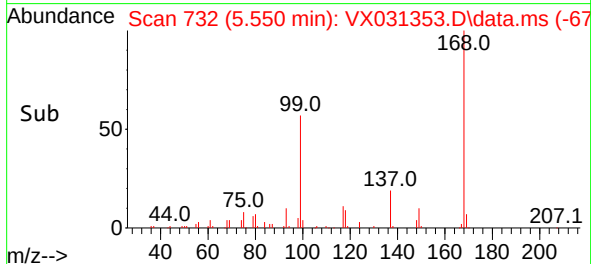
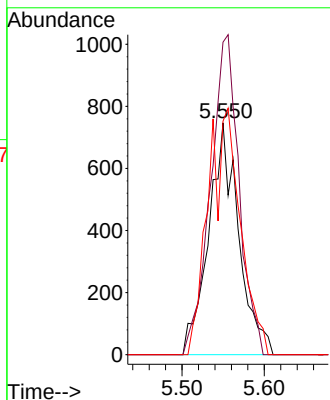
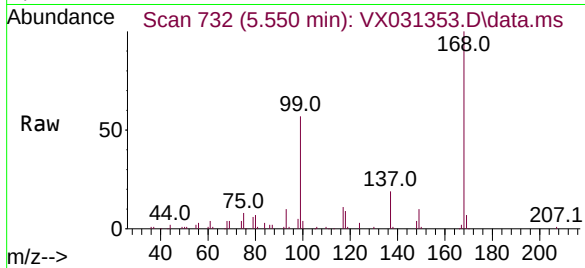




#31
Cyclohexane
Concen: 1.072 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

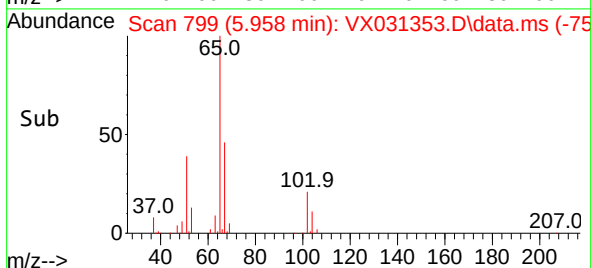
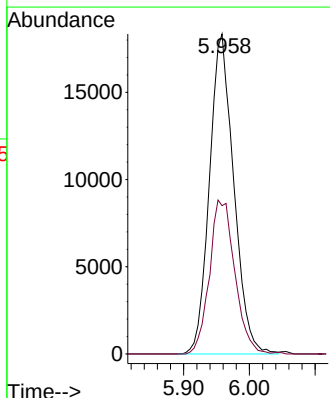
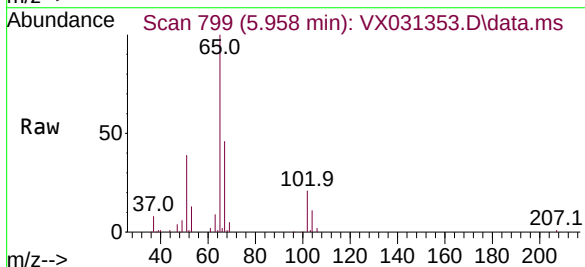
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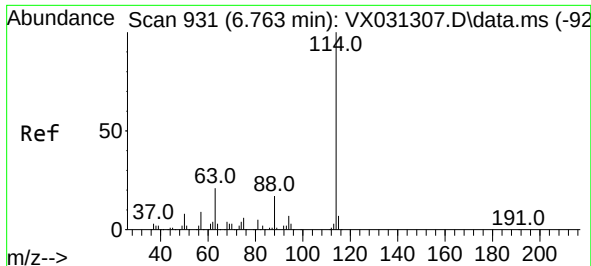
Tgt Ion: 56 Resp: 1896
Ion Ratio Lower Upper
56 100
69 134.8 25.1 37.7#
84 100.7 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 28.607 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion: 65 Resp: 47104
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.4

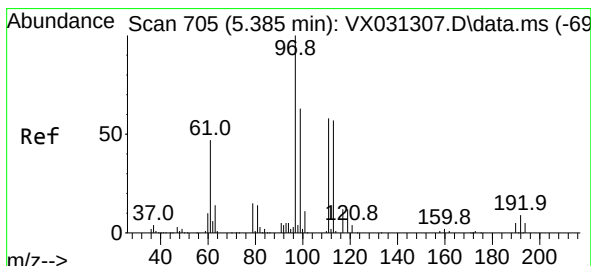
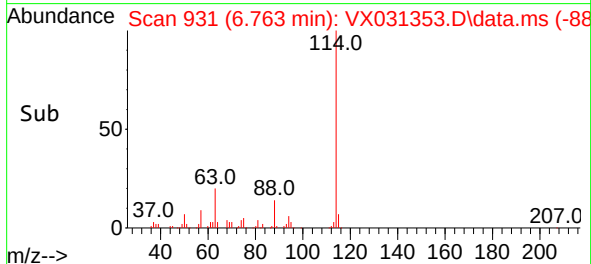
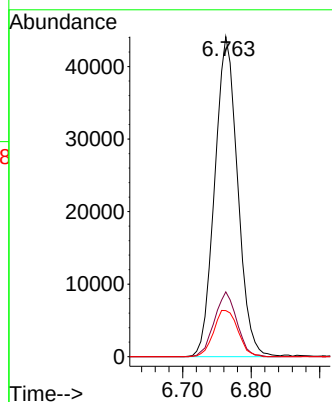
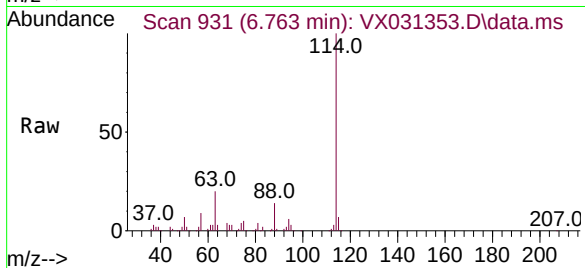




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

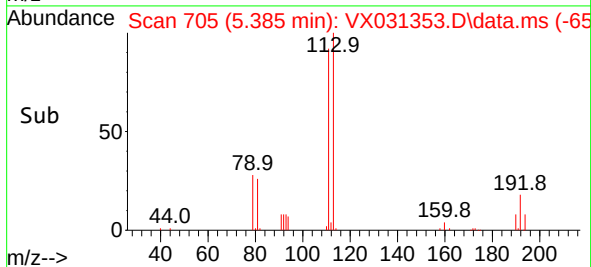
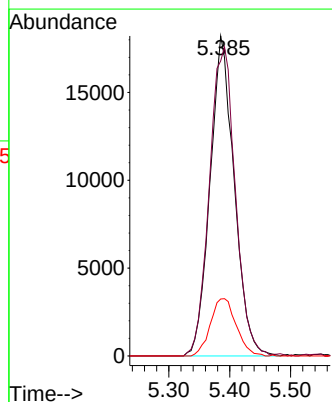
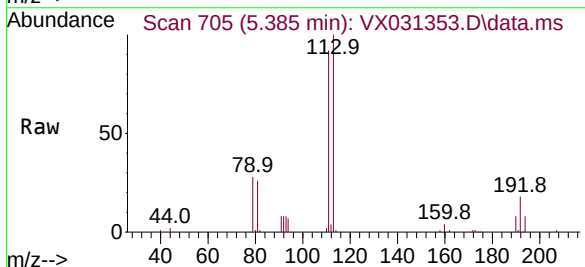
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

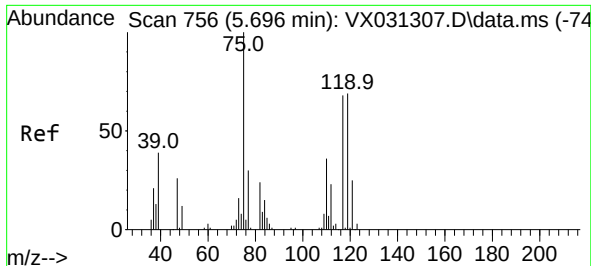
Tgt Ion:114 Resp: 102252
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 14.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 45.630 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion:113 Resp: 50154
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.1 14.1 21.1

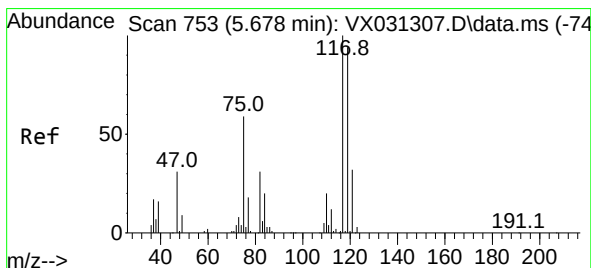
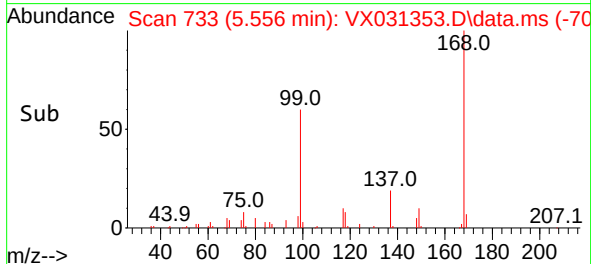
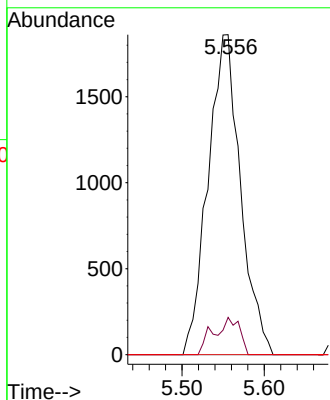
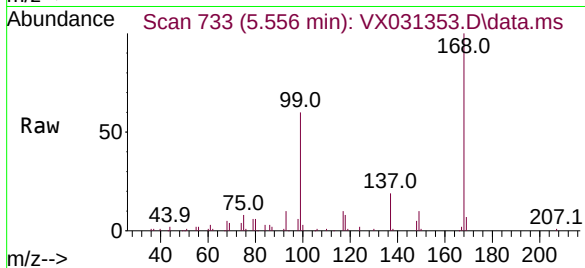




#36
1,1-Dichloropropene
Concen: 3.399 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

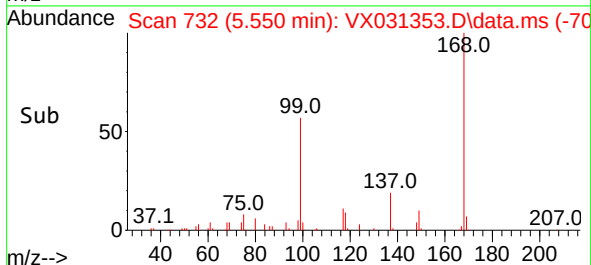
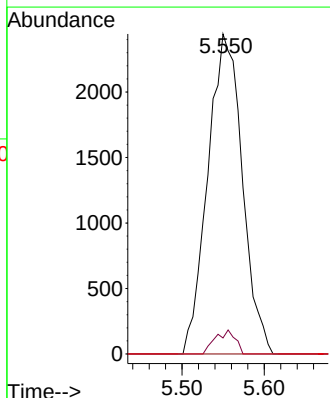
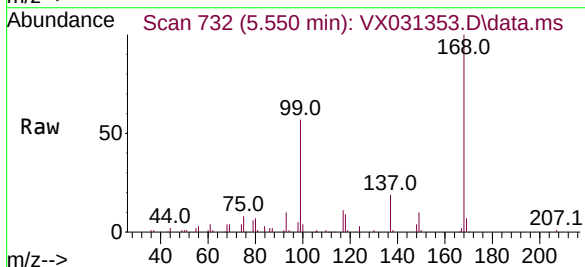
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

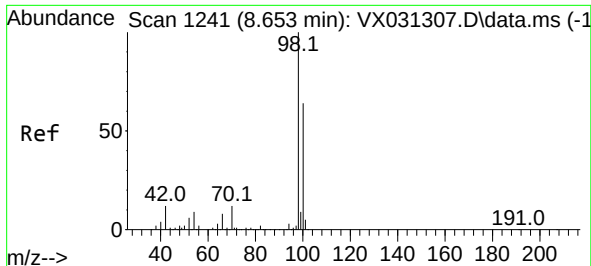
Tgt Ion: 75 Resp: 5114
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.358 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion: 117 Resp: 7127
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#

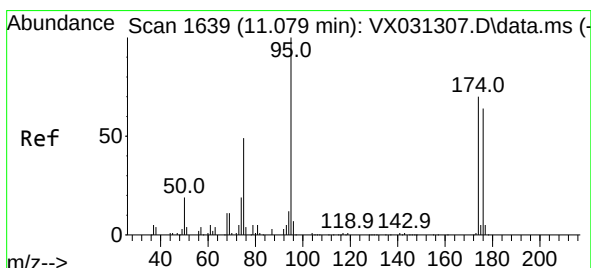
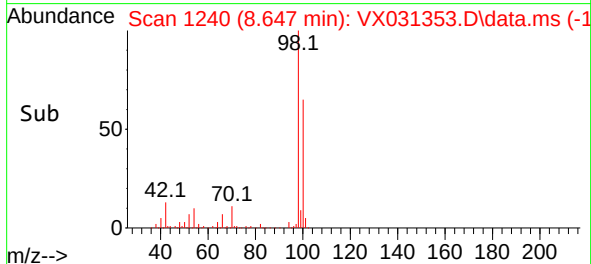
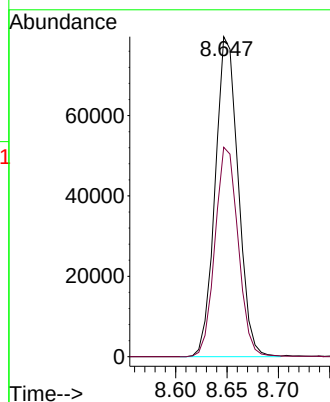
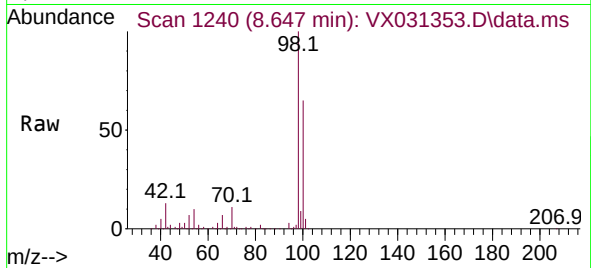




#50
Toluene-d8
Concen: 30.031 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

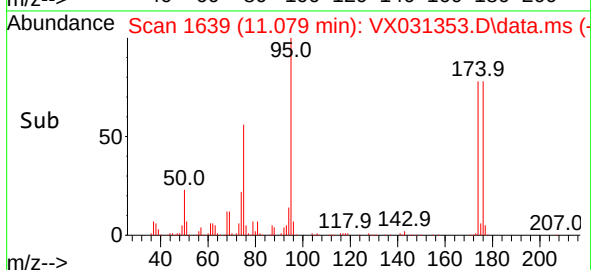
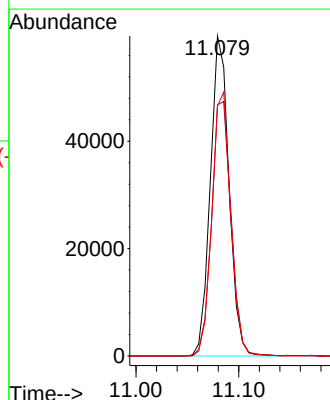
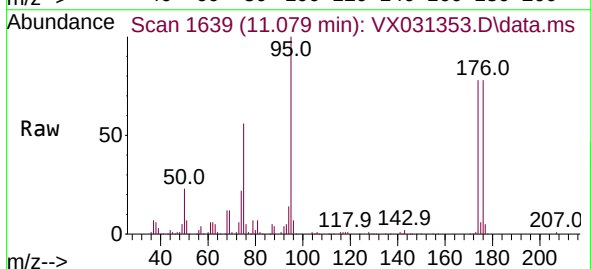
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

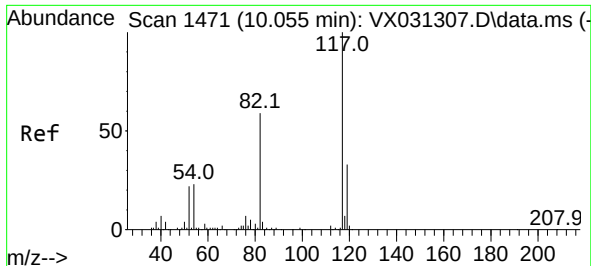
Tgt Ion: 98 Resp: 123819
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 49.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion: 95 Resp: 75174
Ion Ratio Lower Upper
95 100
174 82.9 0.0 153.2
176 82.7 0.0 144.0

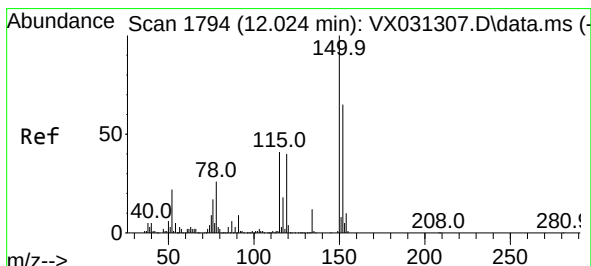
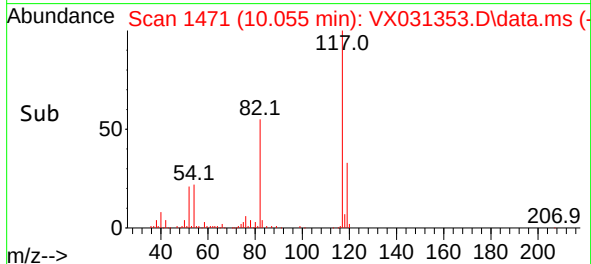
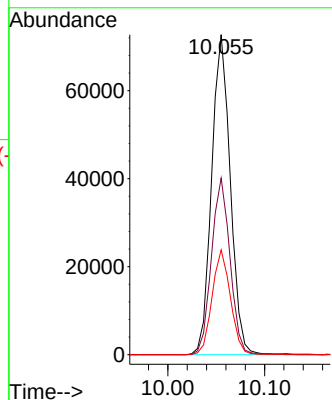
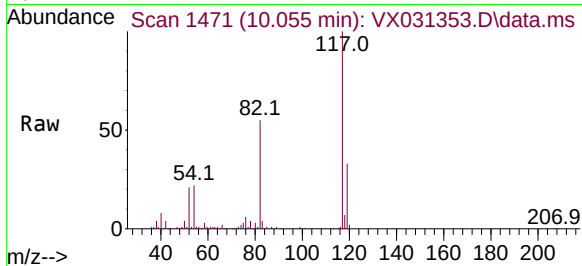




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

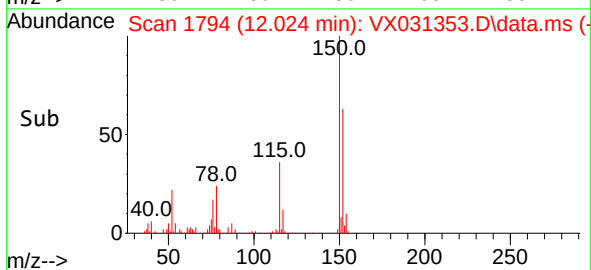
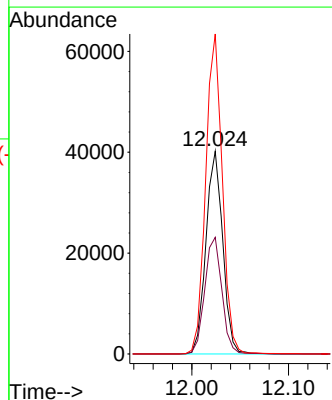
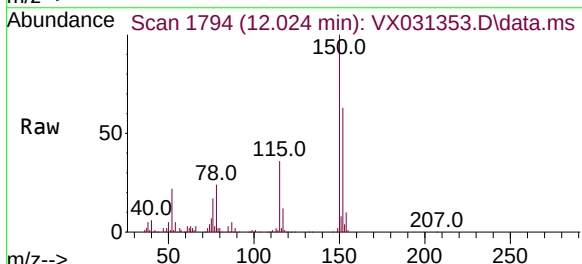
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

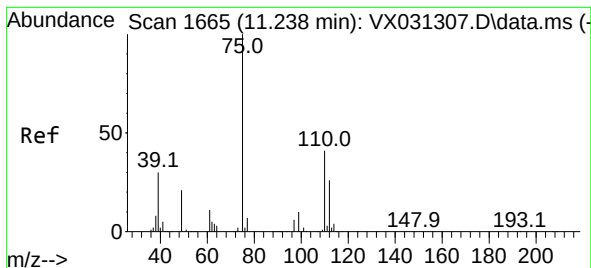
Tgt Ion:	117	Resp:	97197
Ion Ratio	Lower	Upper	
117	100		
82	55.2	46.8	70.2
119	32.8	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion:	152	Resp:	48762
Ion Ratio	Lower	Upper	
152	100		
115	58.6	43.4	130.1
150	156.0	0.0	346.8





#76

1,2,3-Trichloropropane

Concen: 34.917 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX031353.D

Acq: 15 Sep 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

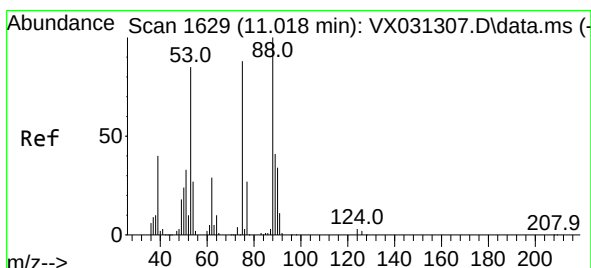
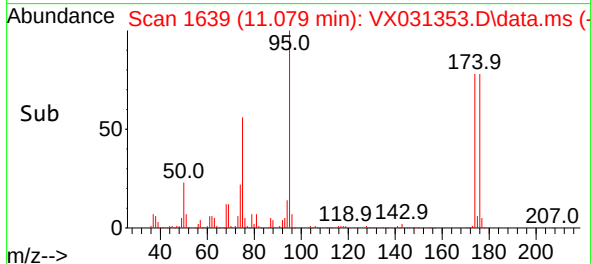
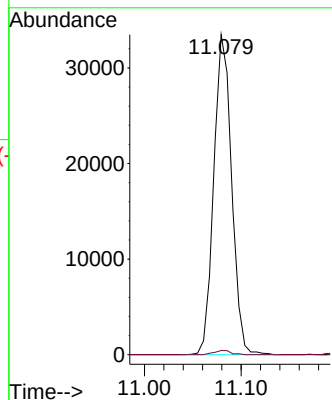
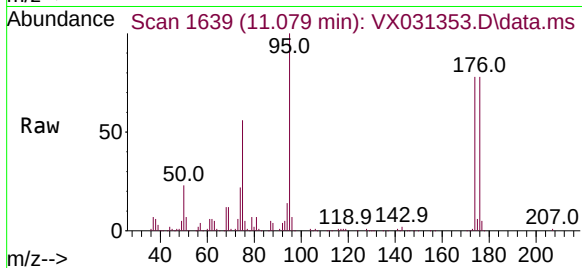
VX0915WBL01

Tgt Ion: 75 Resp: 42906

Ion Ratio Lower Upper

75 100

77 1.2 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.615 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031353.D

Acq: 15 Sep 2022 14:13

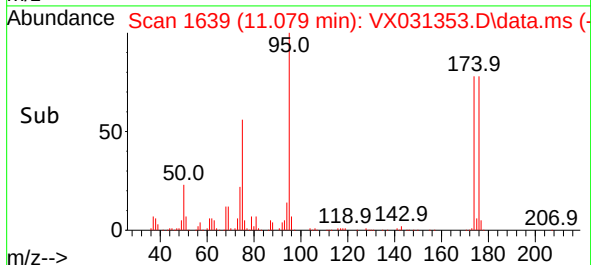
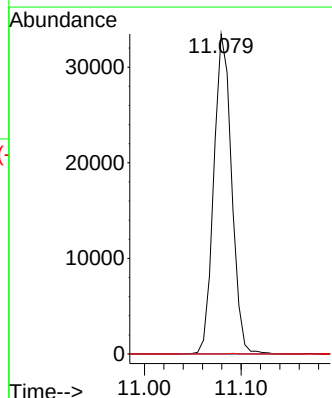
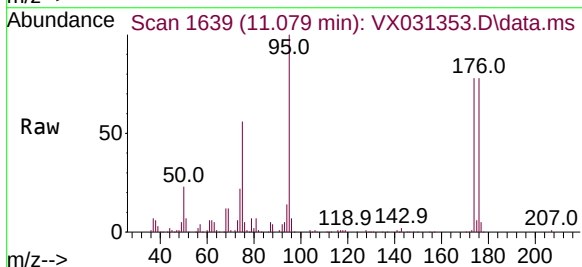
Tgt Ion: 75 Resp: 42906

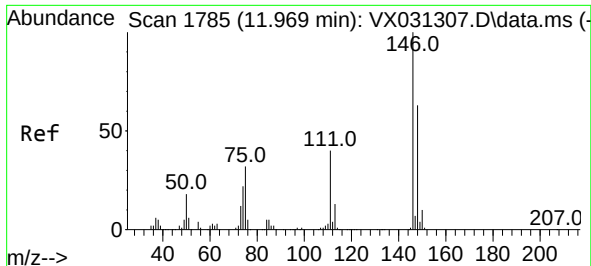
Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 37.4 56.0#

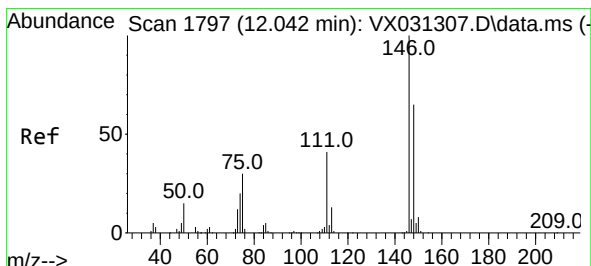
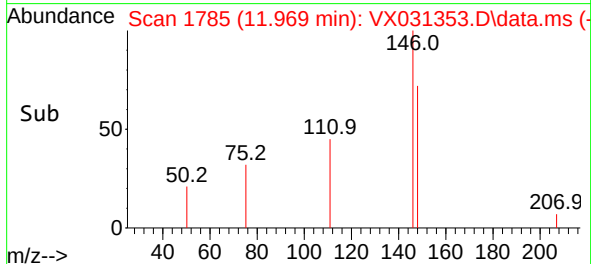
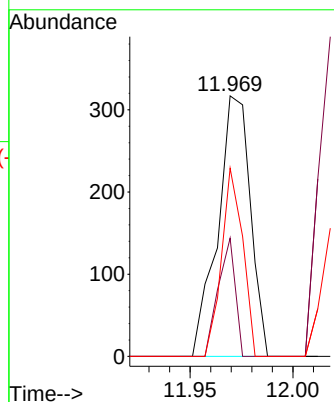
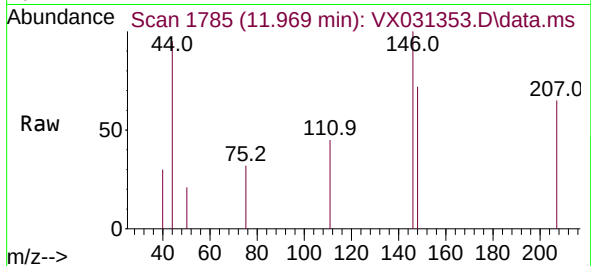




#87
1,3-Dichlorobenzene
Concen: 0.224 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

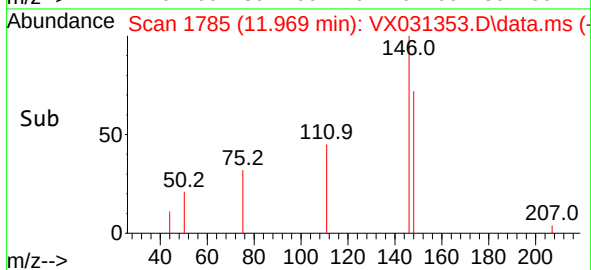
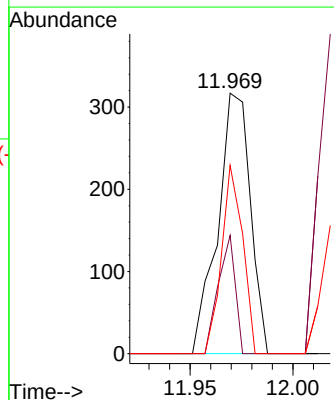
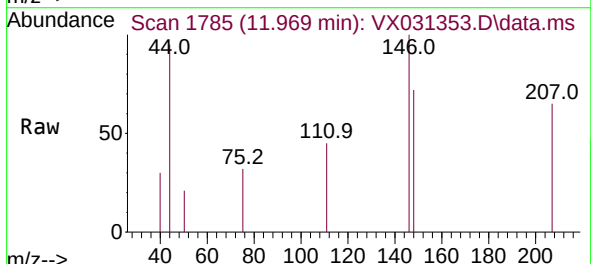
Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

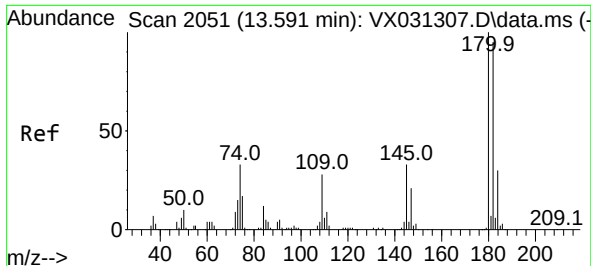
Tgt Ion:146	Resp:	350
Ion	Ratio	Lower Upper
146	100	
111	23.4	19.8 59.4
148	46.6	31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 0.218 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion:146	Resp:	350
Ion	Ratio	Lower Upper
146	100	
111	23.4	20.5 61.5
148	46.6	32.0 96.2





#93

1,2,4-Trichlorobenzene

Concen: 0.355 ug/l

RT: 13.597 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX031353.D

Acq: 15 Sep 2022 14:13

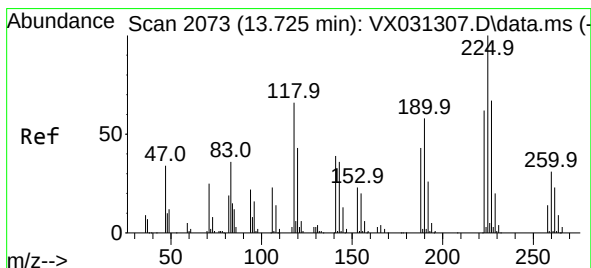
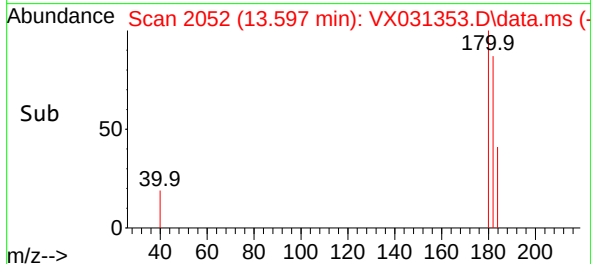
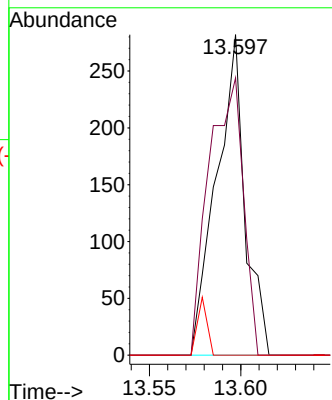
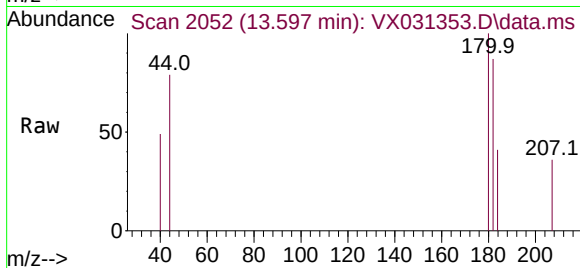
Instrument :

MSVOA_X

ClientSampleId :

VX0915WBL01

Tgt Ion:	180	Resp:	306
Ion Ratio	Lower	Upper	
180	100		
182	103.9	46.9	140.6
145	6.2	16.7	50.1#



#94

Hexachlorobutadiene

Concen: 0.689 ug/l

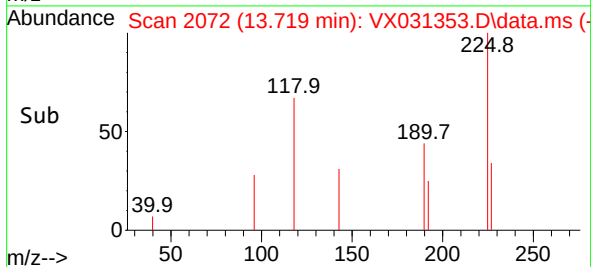
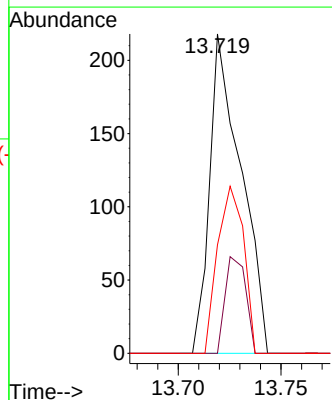
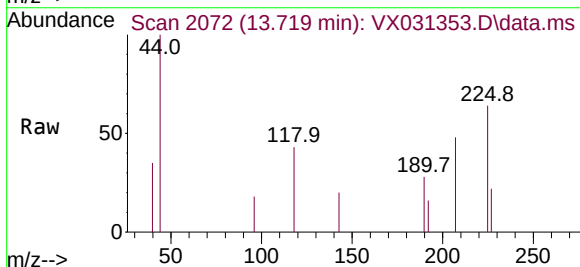
RT: 13.719 min Scan# 2072

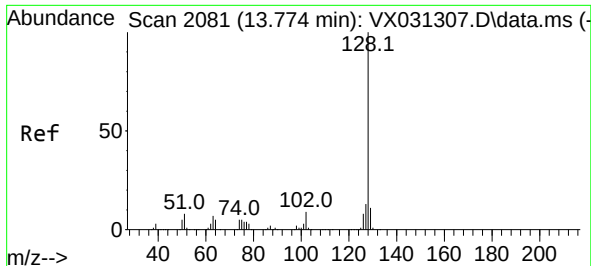
Delta R.T. -0.006 min

Lab File: VX031353.D

Acq: 15 Sep 2022 14:13

Tgt Ion:	225	Resp:	232
Ion Ratio	Lower	Upper	
225	100		
223	19.8	30.8	92.4#
227	43.5	32.3	96.9

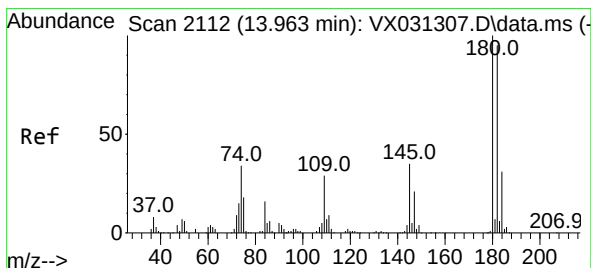
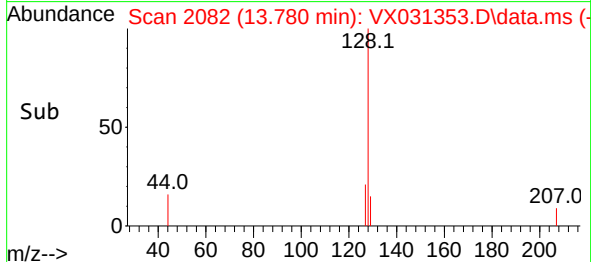
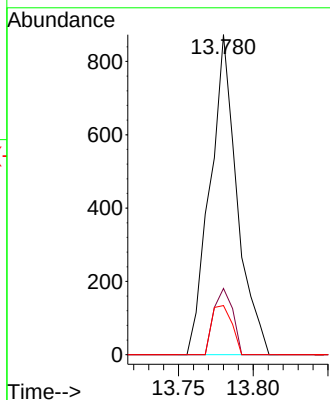
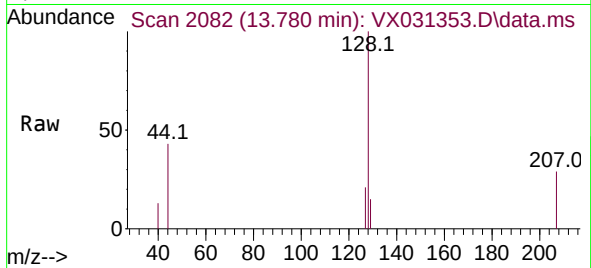




#95
Naphthalene
Concen: 0.313 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Instrument :
MSVOA_X
ClientSampleId :
VX0915WBL01

Tgt Ion:128 Resp: 1097
Ion Ratio Lower Upper
128 100
127 14.5 10.4 15.6
129 11.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.290 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX031353.D
Acq: 15 Sep 2022 14:13

Tgt Ion:180 Resp: 268
Ion Ratio Lower Upper
180 100
182 141.4 47.9 143.8
145 29.5 17.6 52.8

