

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031486.D
 Acq On : 20 Sep 2022 10:41
 Operator : JC/MD
 Sample : VX0920MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920MBL01

Quant Time: Sep 20 14:47:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	51568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	79104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	85220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54009	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48967	51.718	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.440%	
35) Dibromofluoromethane	5.385	113	40514	49.544	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.080%	
50) Toluene-d8	8.647	98	147448	46.785	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.580%	
62) 4-Bromofluorobenzene	11.079	95	46023	43.112	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.220%	

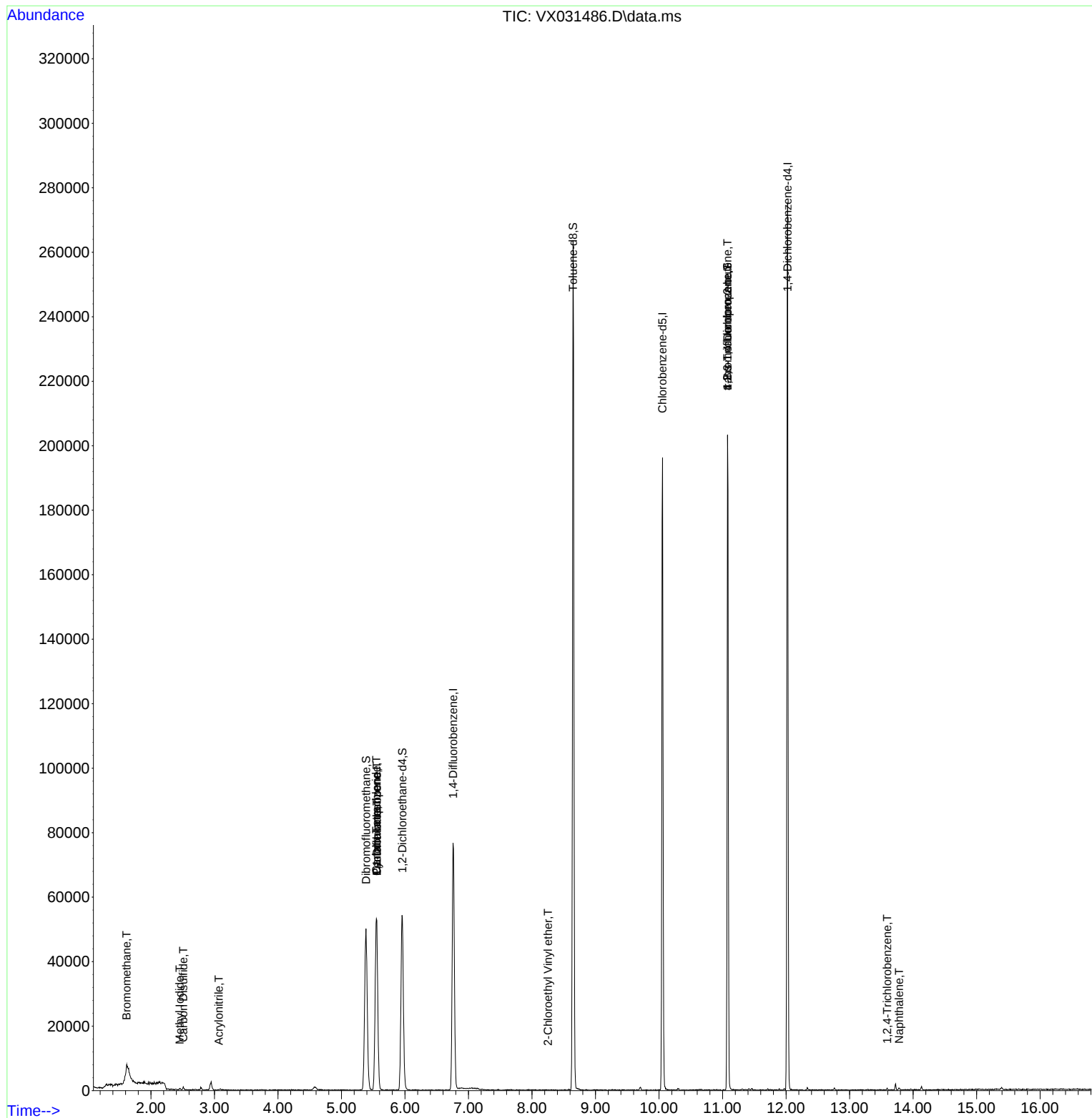
Target Compounds			Qvalue			
5) Bromomethane	1.617	94	688	0.431	ug/l #	78
6) Chloroethane	1.678	64	78	Below Cal	#	43
10) Methyl Iodide	2.453	142	438	0.545	ug/l #	63
11) Tert butyl alcohol	2.946	59	1282	Below Cal	#	73
13) Acrolein	2.227	56	25	Below Cal	#	1
15) Acrylonitrile	3.068	53	144	0.289	ug/l #	17
16) Acetone	2.392	43	214	Below Cal	#	45
17) Carbon Disulfide	2.507	76	748	0.346	ug/l #	84
20) Methylene Chloride	2.782	84	308	Below Cal	#	83
31) Cyclohexane	5.556	56	1256	0.895	ug/l #	58
36) 1,1-Dichloropropene	5.556	75	4321	3.436	ug/l #	48
38) Carbon Tetrachloride	5.550	117	5104	3.662	ug/l #	16
58) 2-Chloroethyl Vinyl ether	8.250	63	41	0.241	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	25805	21.407	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	25805	68.929	ug/l #	11
93) 1,2,4-Trichlorobenzene	13.591	180	250	0.236	ug/l #	66
95) Naphthalene	13.780	128	794	0.205	ug/l #	79

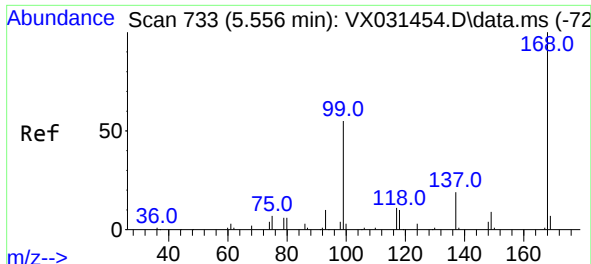
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0920MBL01
Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

Quant Time: Sep 20 14:47:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

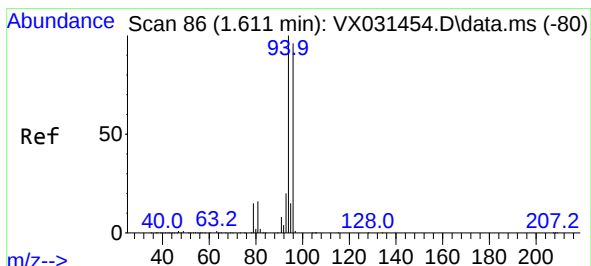
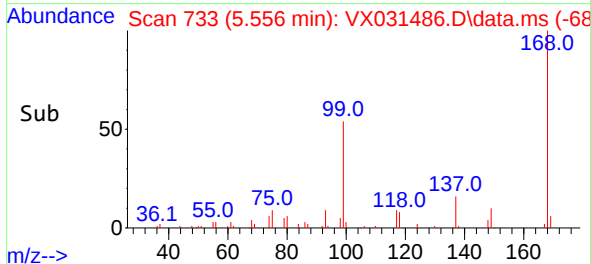
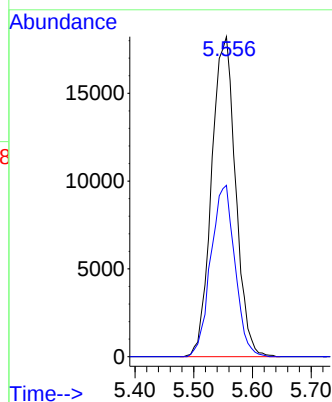
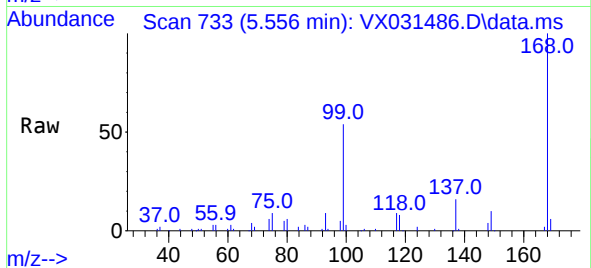




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

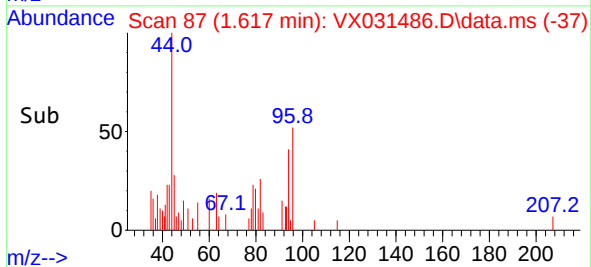
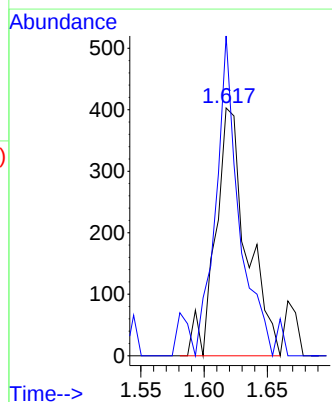
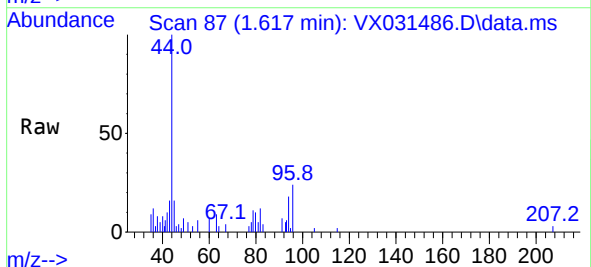
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

Tgt Ion:168 Resp: 51568
Ion Ratio Lower Upper
168 100
99 53.5 48.8 73.2

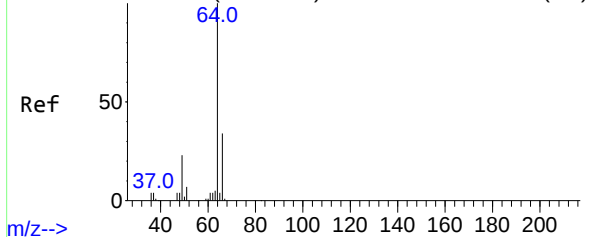


#5
Bromomethane
Concen: 0.431 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 114.1 74.4 111.6#



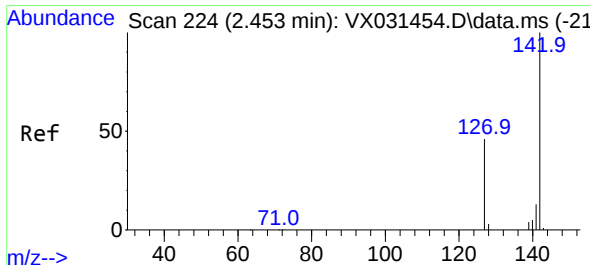
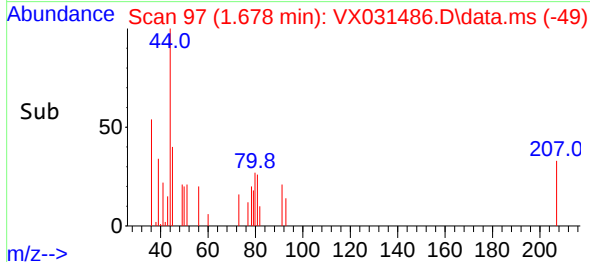
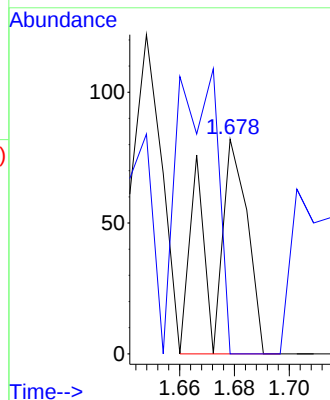
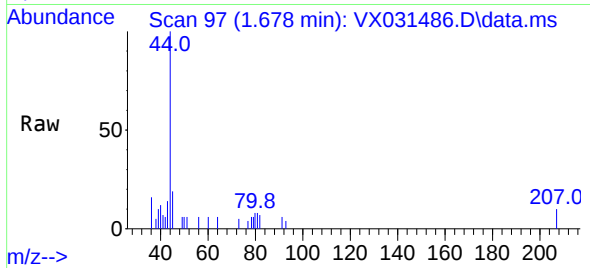
Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

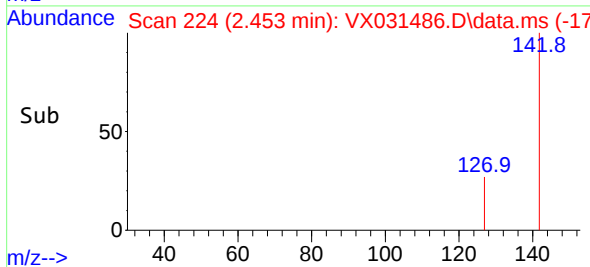
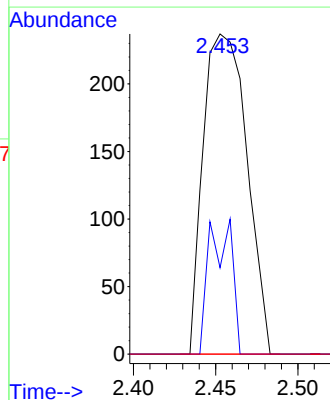
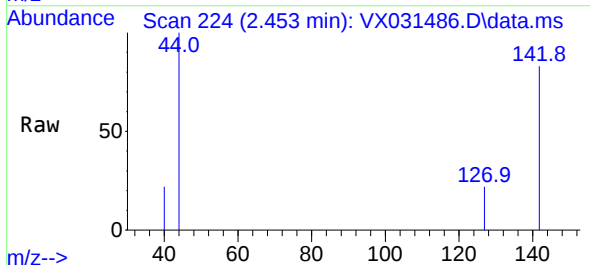
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

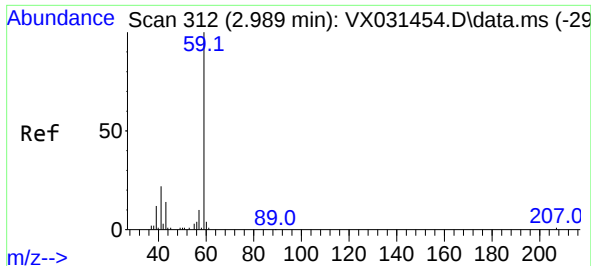
Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 0.545 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Tgt Ion: 142 Resp: 438
Ion Ratio Lower Upper
142 100
127 21.9 37.4 56.0#
141 0.0 11.6 17.4#

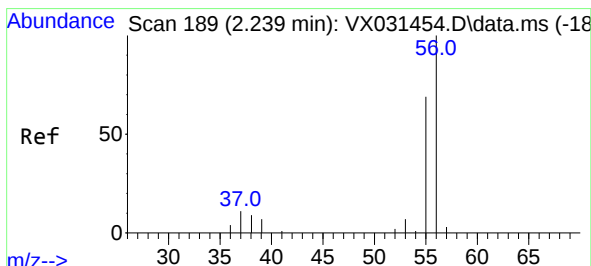
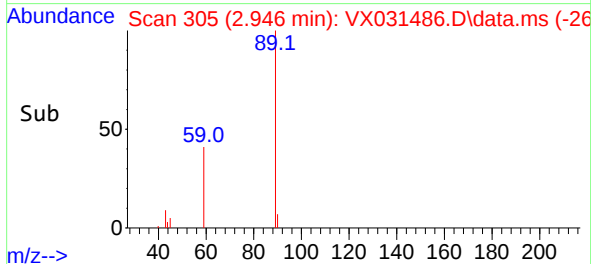
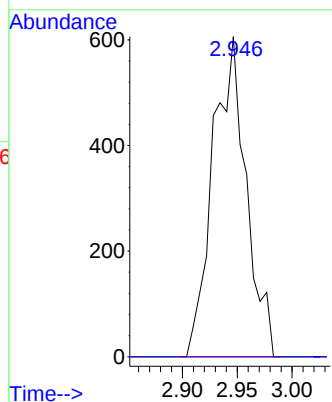
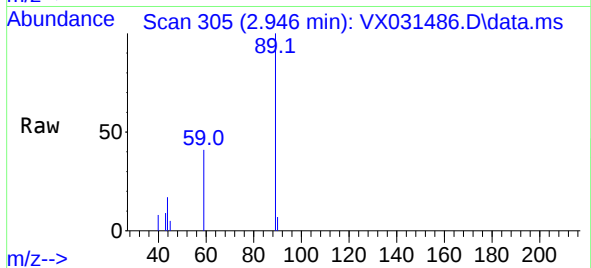




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

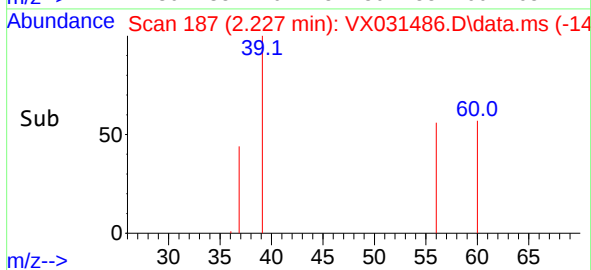
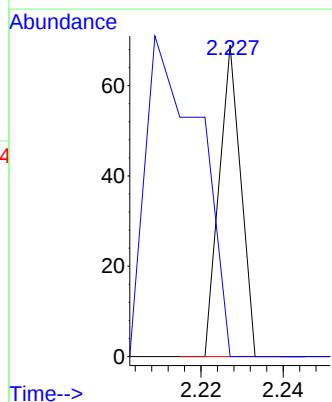
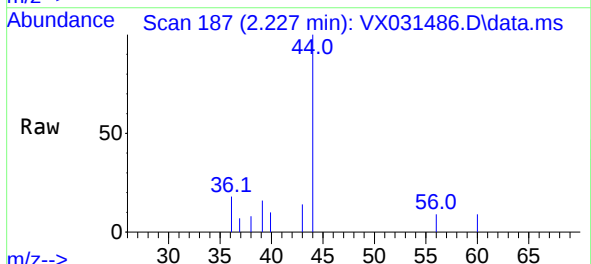
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

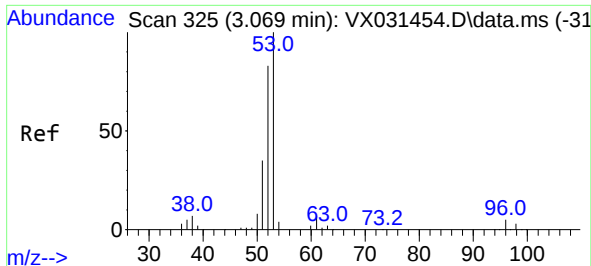
Tgt Ion: 59 Resp: 1282
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

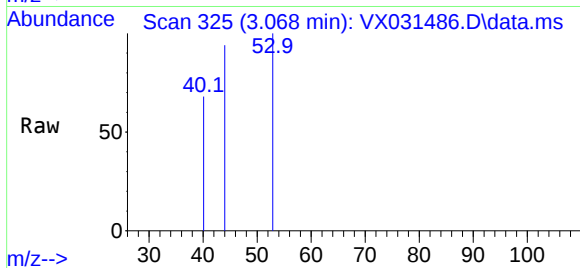
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 260.0 56.0 84.0#



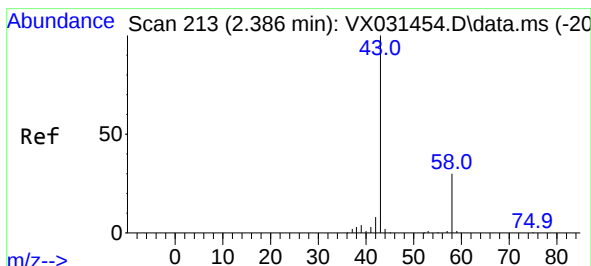
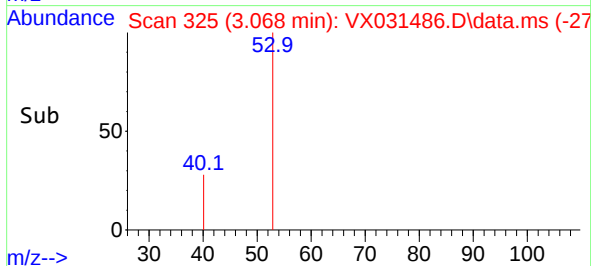
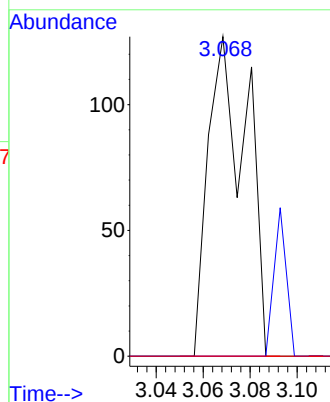


#15
Acrylonitrile
Concen: 0.289 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

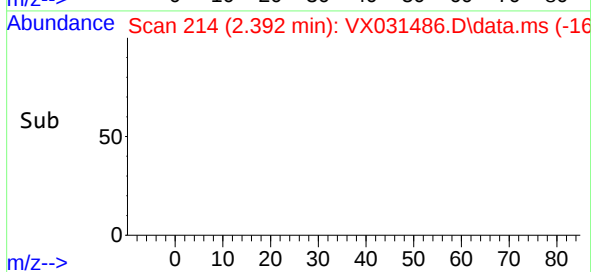
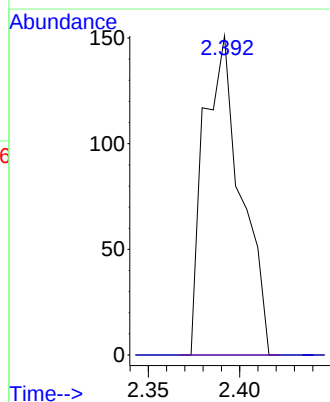
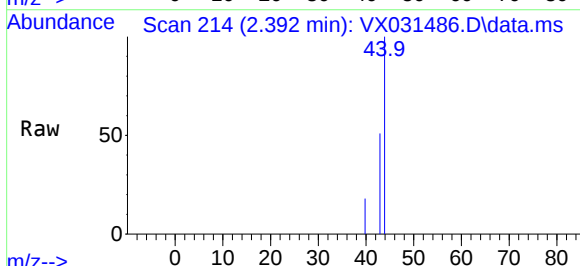


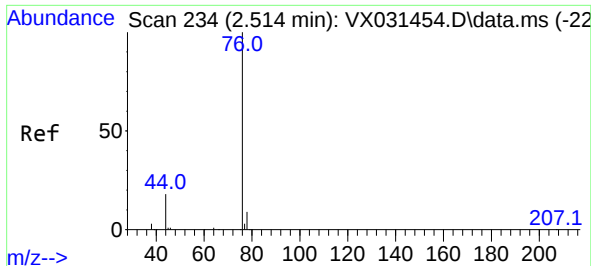
Tgt Ion: 53 Resp: 144
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 0.0 30.0 45.0#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

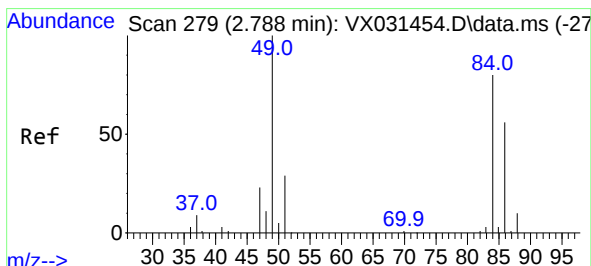
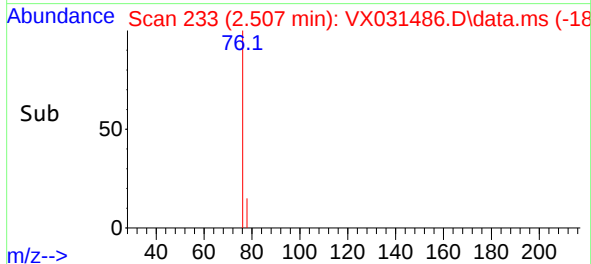
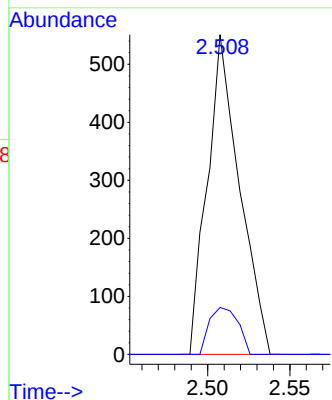
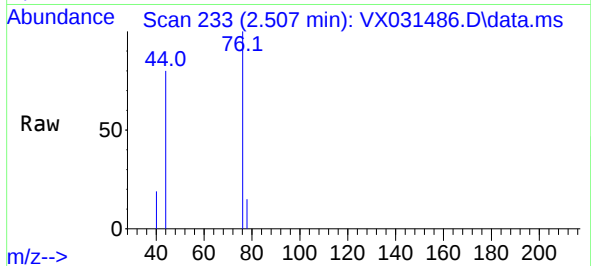




#17
Carbon Disulfide
Concen: 0.346 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

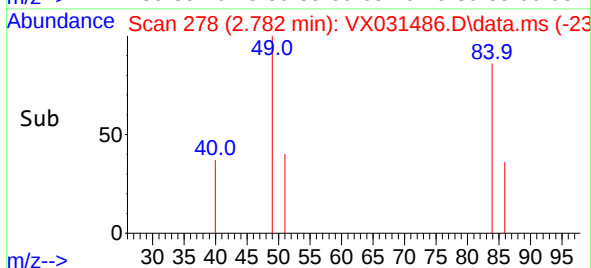
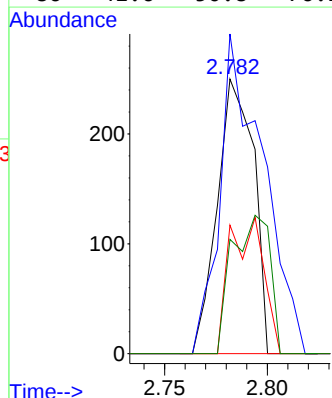
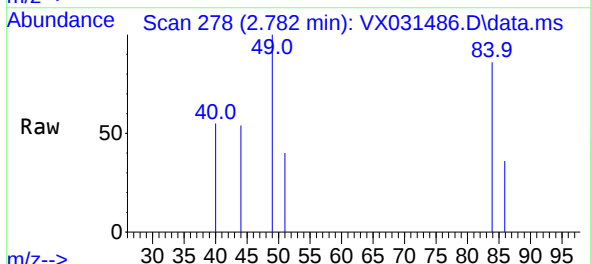
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

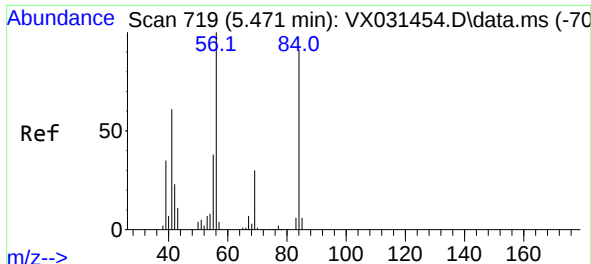
Tgt Ion: 76 Resp: 748
Ion Ratio Lower Upper
76 100
78 14.7 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

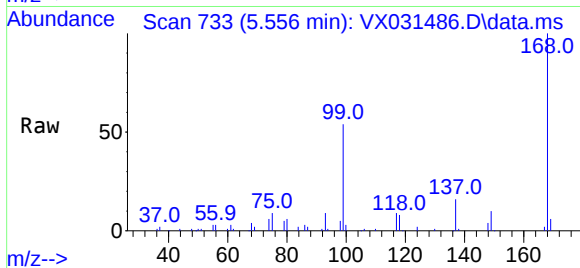
Tgt Ion: 84 Resp: 308
Ion Ratio Lower Upper
84 100
49 116.4 105.9 158.9
51 46.8 32.2 48.2
86 41.6 50.8 76.2#



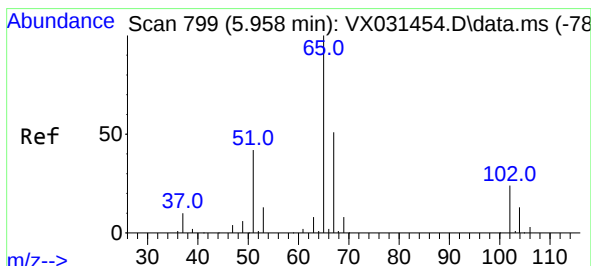
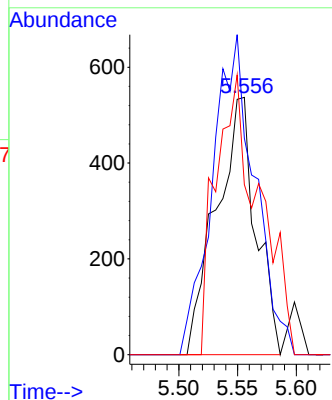
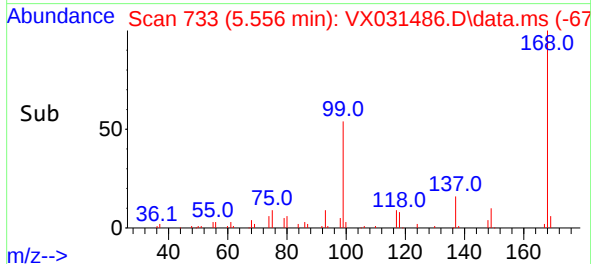


#31
Cyclohexane
Concen: 0.895 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

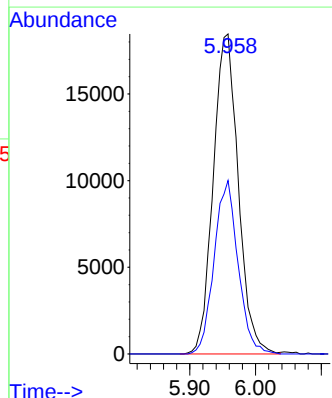
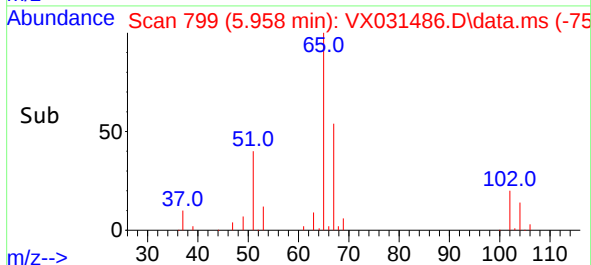
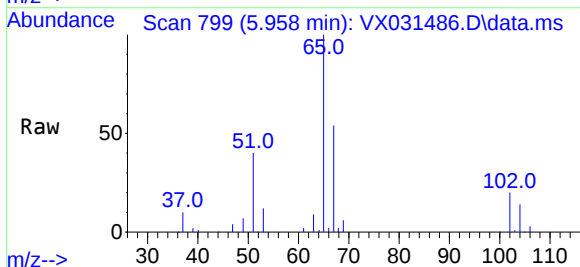


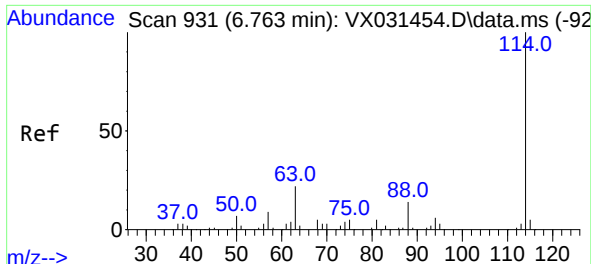
Tgt Ion: 56 Resp: 1256
Ion Ratio Lower Upper
56 100
69 84.2 25.1 37.7#
84 66.1 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 51.718 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Tgt Ion: 65 Resp: 48967
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.4

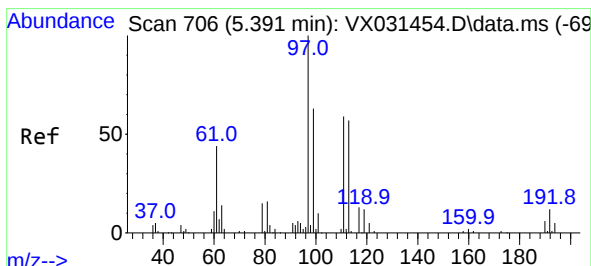
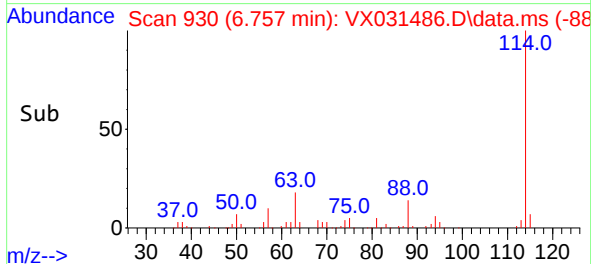
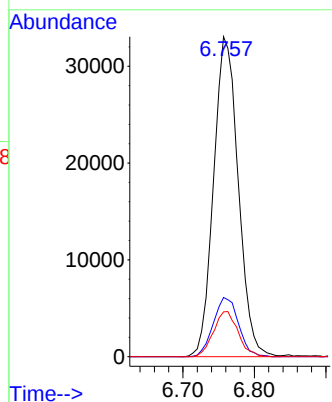
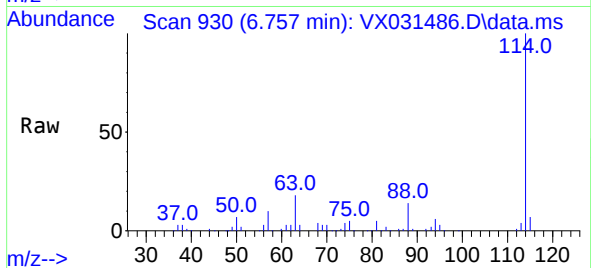




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

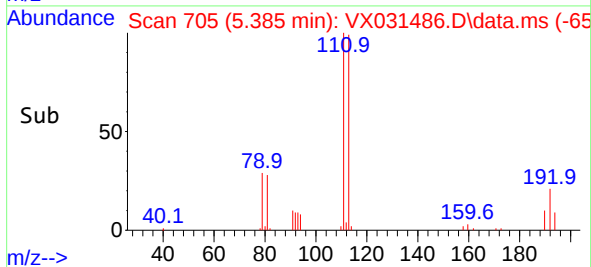
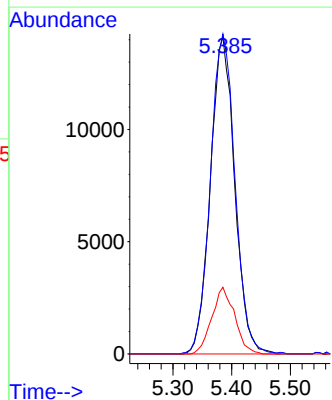
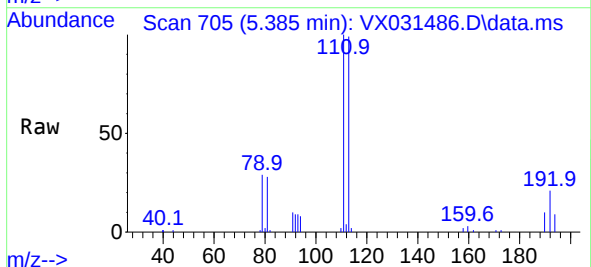
Instrument :
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ClientSampleId :
VX0920MBL01

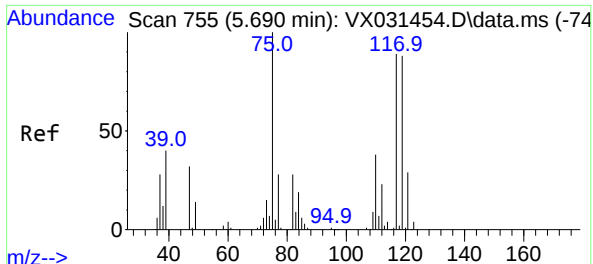
Tgt Ion:114 Resp: 79104
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.6
88 14.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.544 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Tgt Ion:113 Resp: 40514
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.8 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.436 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX031486.D

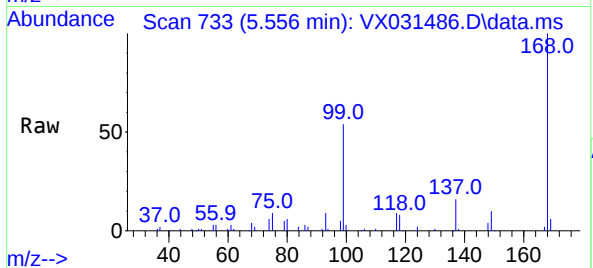
Acq: 20 Sep 2022 10:41

Instrument :

MSVOA_X

ClientSampleId :

VX0920MBL01



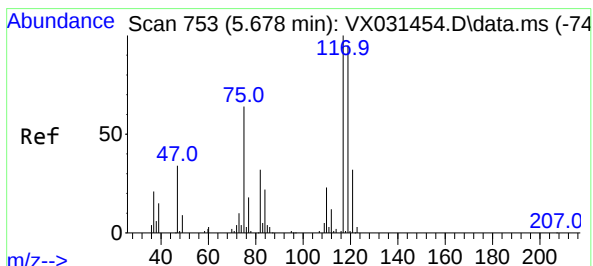
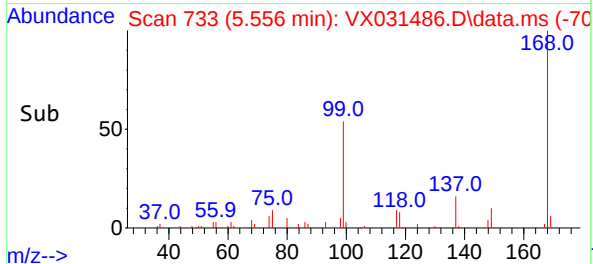
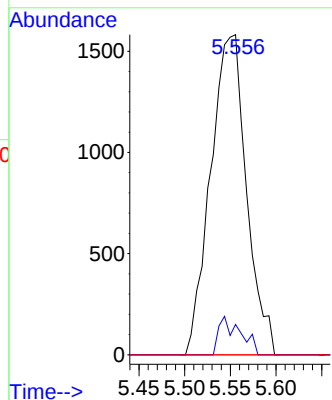
Tgt Ion: 75 Resp: 4321

Ion Ratio Lower Upper

75 100

110 7.2 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 3.662 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031486.D

Acq: 20 Sep 2022 10:41

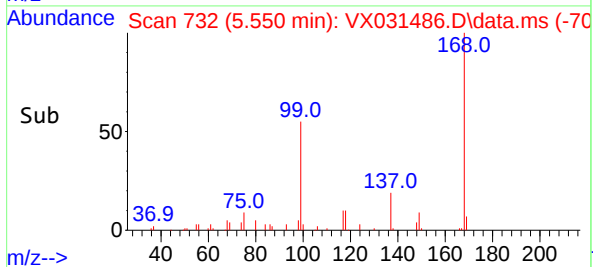
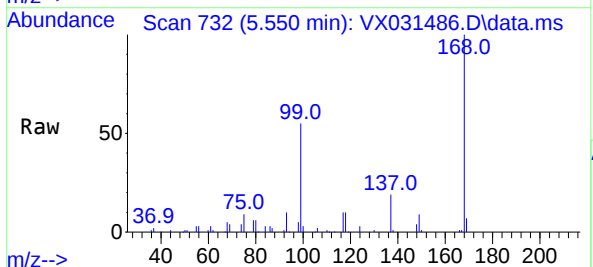
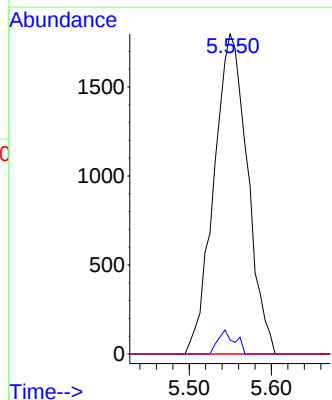
Tgt Ion: 117 Resp: 5104

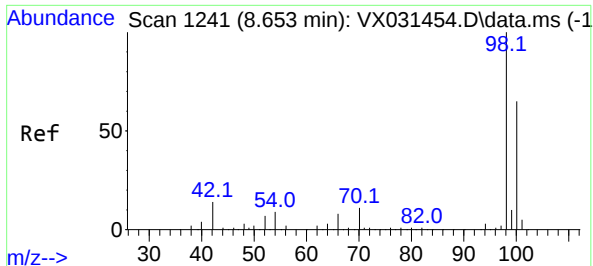
Ion Ratio Lower Upper

117 100

119 4.3 74.6 112.0#

121 0.0 25.3 37.9#

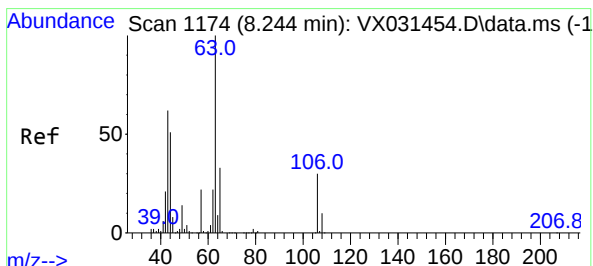
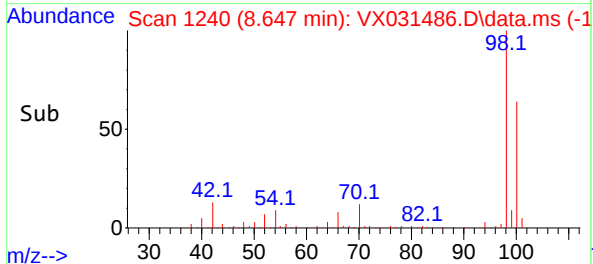
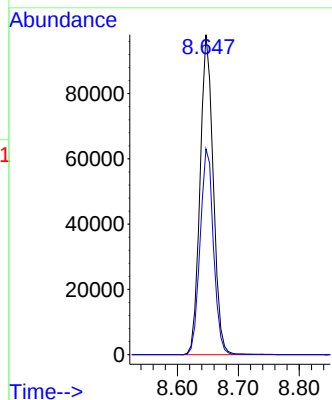
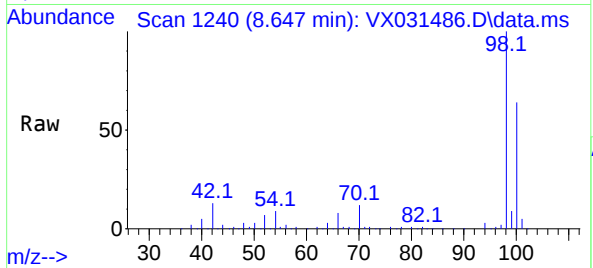




#50
Toluene-d8
Concen: 46.785 ug/l
RT: 8.647 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

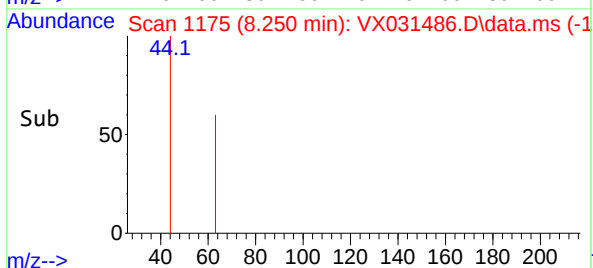
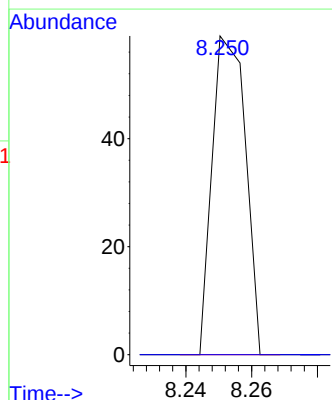
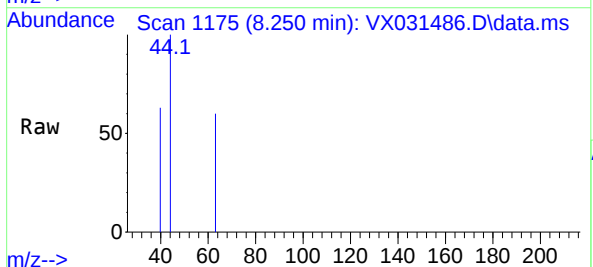
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

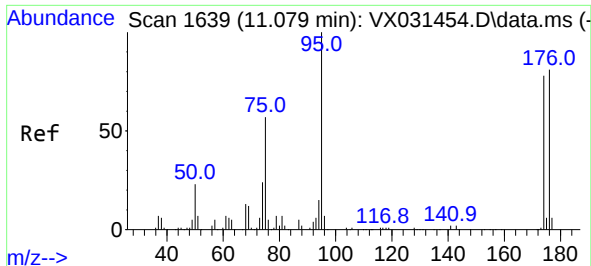
Tgt Ion: 98 Resp: 147448
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#58
2-Chloroethyl Vinyl ether
Concen: 0.241 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Tgt Ion: 63 Resp: 41
Ion Ratio Lower Upper
63 100
106 0.0 22.6 34.0#

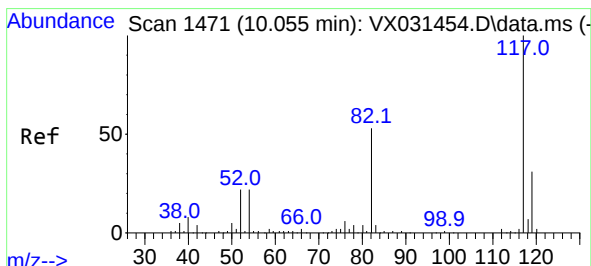
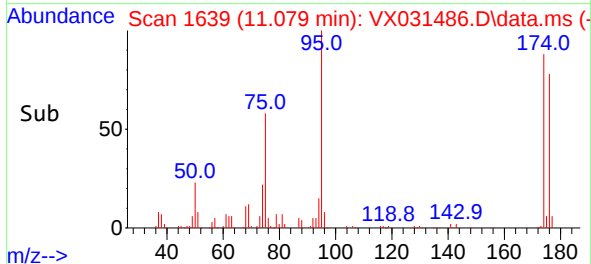
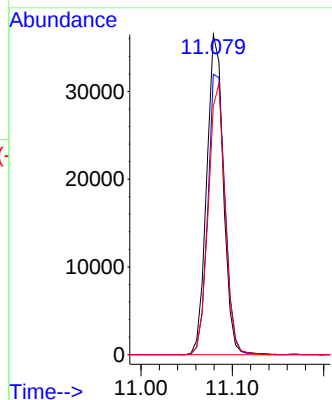
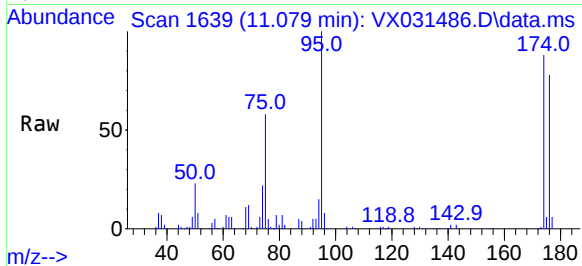




#62
4-Bromofluorobenzene
Concen: 43.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

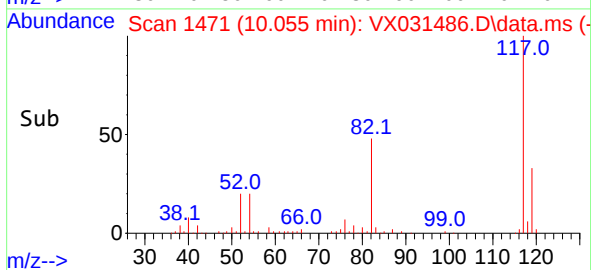
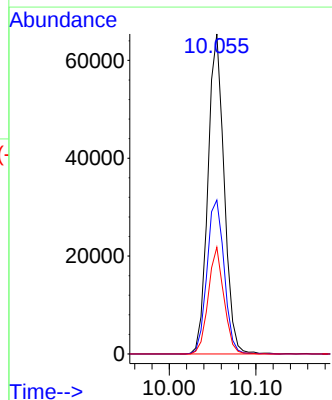
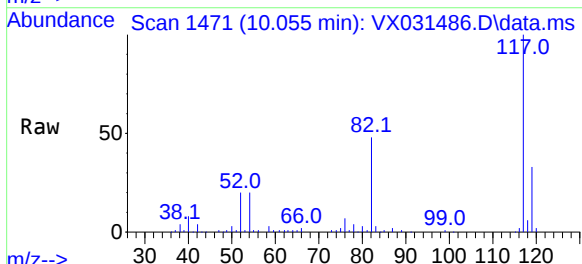
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

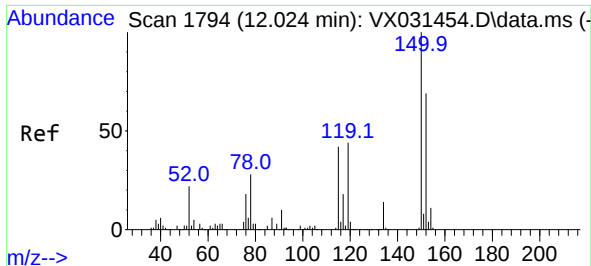
Tgt Ion: 95 Resp: 46023
Ion Ratio Lower Upper
95 100
174 90.7 0.0 153.2
176 85.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Tgt Ion: 117 Resp: 85220
Ion Ratio Lower Upper
117 100
82 48.1 46.8 70.2
119 33.3 26.4 39.6

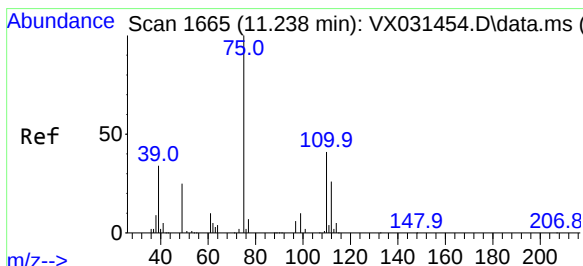
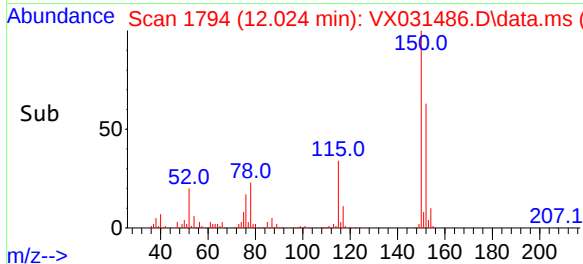
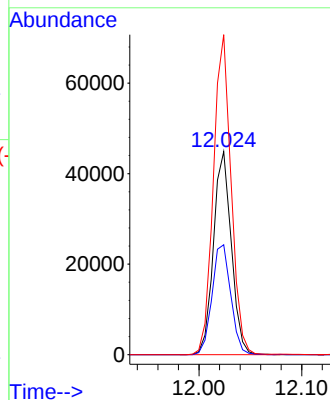
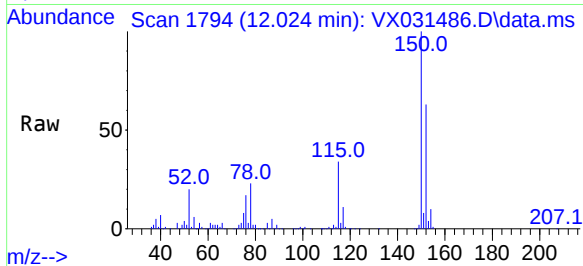




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

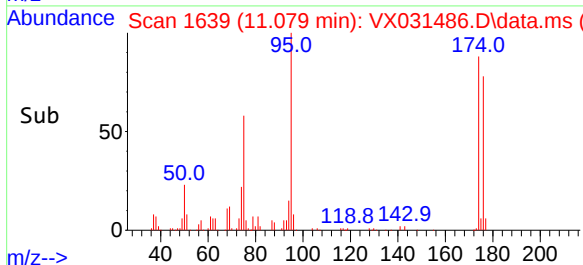
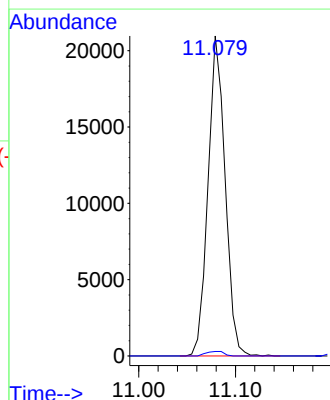
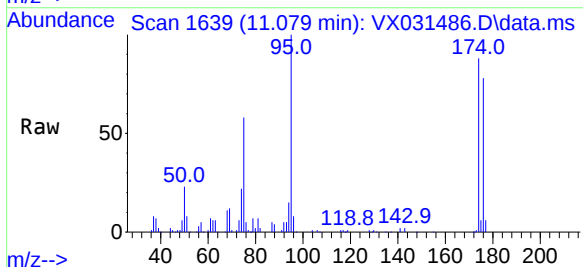
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

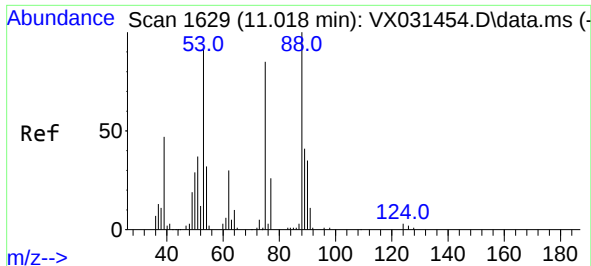
Tgt Ion:152 Resp: 54009
Ion Ratio Lower Upper
152 100
115 56.9 43.4 130.1
150 156.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 21.407 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Tgt Ion: 75 Resp: 25805
Ion Ratio Lower Upper
75 100
77 1.5 20.3 60.9#

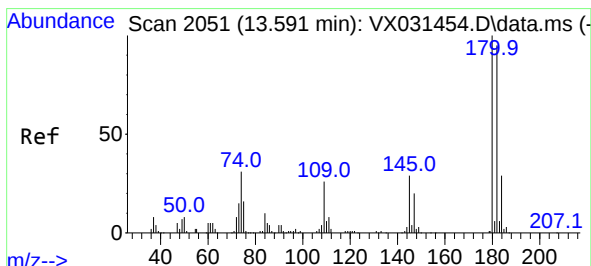
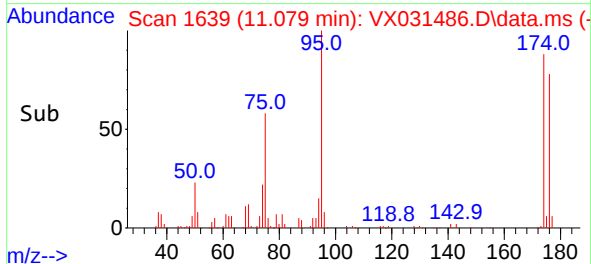
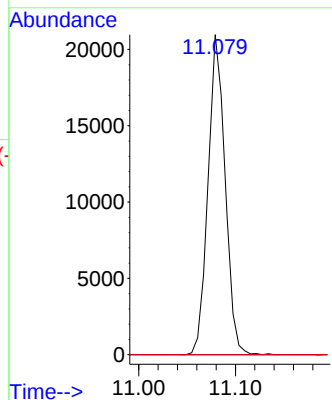
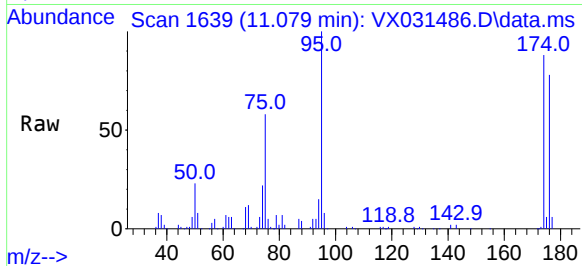




#81
trans-1,4-Dichloro-2-butene
Concen: 68.929 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

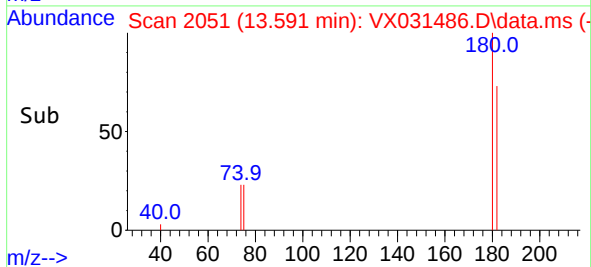
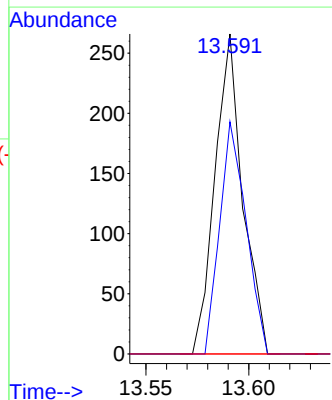
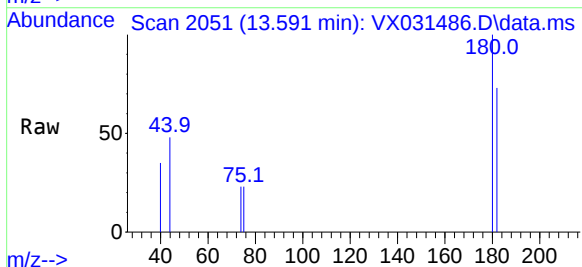
Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01

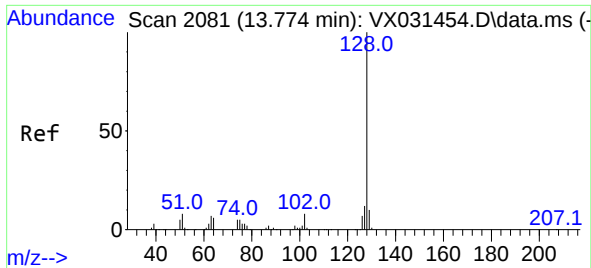
Tgt Ion: 75 Resp: 25805
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.236 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

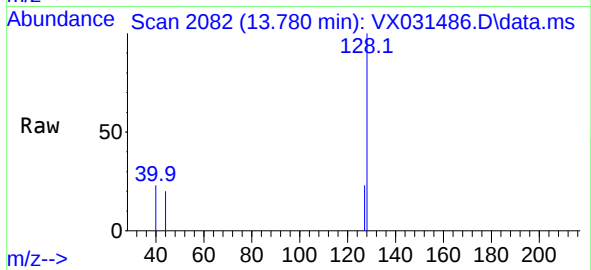
Tgt Ion:180 Resp: 250
Ion Ratio Lower Upper
180 100
182 68.8 46.9 140.6
145 0.0 16.7 50.1#





#95
Naphthalene
Concen: 0.205 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031486.D
Acq: 20 Sep 2022 10:41

Instrument :
MSVOA_X
ClientSampleId :
VX0920MBL01



Tgt Ion:	128	Resp:	794
Ion	Ratio	Lower	Upper
128	100		
127	7.7	10.4	15.6#
129	0.0	8.8	13.2#

