

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031487.D
 Acq On : 20 Sep 2022 11:05
 Operator : JC/MD
 Sample : VX0920WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0920WBL01

Quant Time: Sep 20 17:18:38 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)

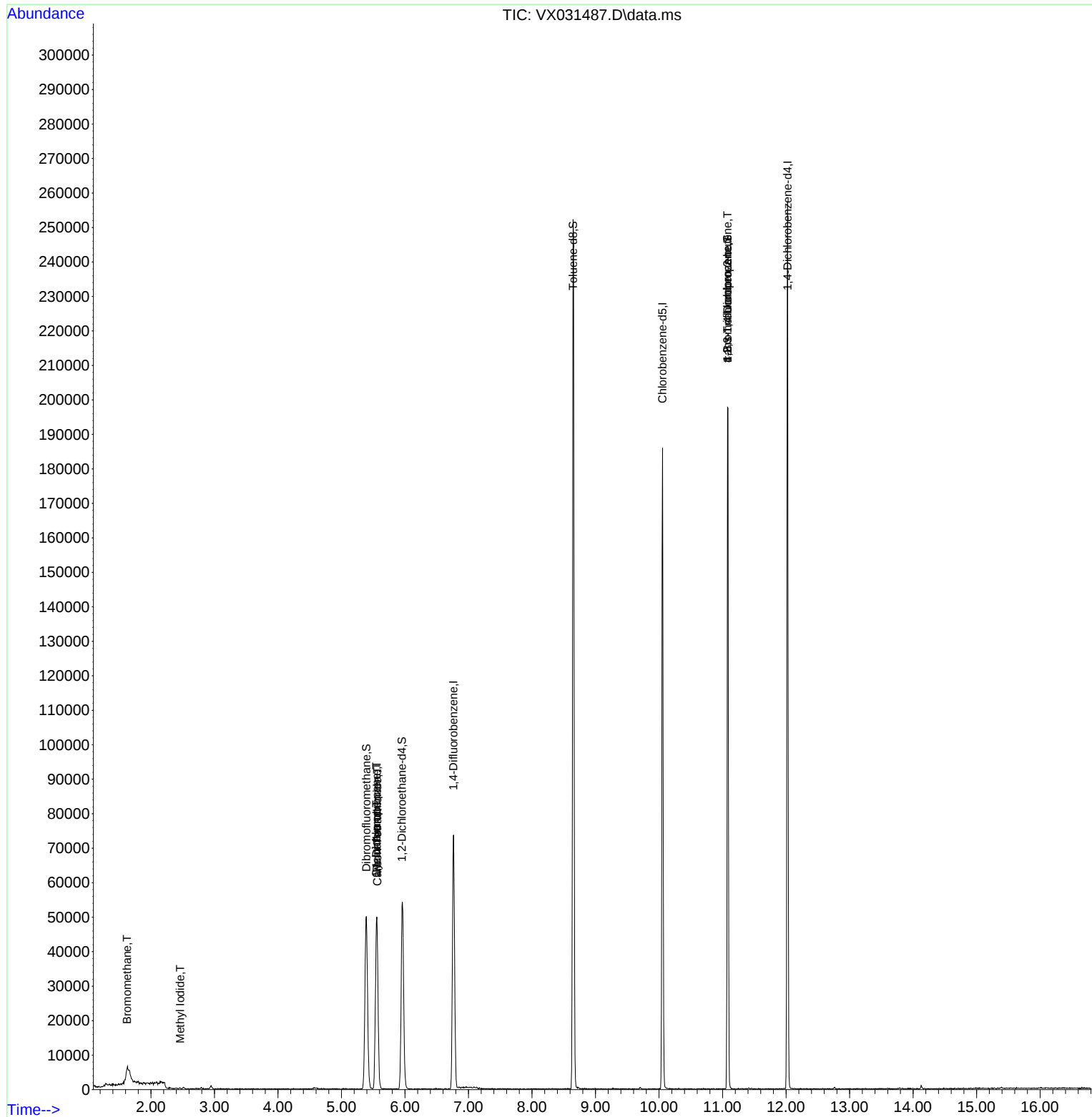
Internal Standards						
1) Pentafluorobenzene	5.556	168	48805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	80036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49013	54.761	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	5.391	113	41471	52.820	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.640%			
50) Toluene-d8	8.647	98	148281	48.958	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.920%			
62) 4-Bromofluorobenzene	11.079	95	45105	43.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.940%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	560	0.371	ug/l #	63
6) Chloroethane	1.666	64	83	Below Cal	#	1
10) Methyl Iodide	2.459	142	213	0.280	ug/l #	38
11) Tert butyl alcohol	2.947	59	514	Below Cal	#	73
13) Acrolein	2.154	56	19	Below Cal	#	1
16) Acetone	2.386	43	190	Below Cal	#	45
20) Methylene Chloride	2.794	84	166	Below Cal	#	54
31) Cyclohexane	5.550	56	1137	0.856	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	3789	3.136	ug/l #	45
38) Carbon Tetrachloride	5.562	117	4741	3.540	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	11.073	83	25	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.079	75	26105	23.053	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	26105	74.228	ug/l #	11
94) Hexachlorobutadiene	13.725	225	58	Below Cal	#	19

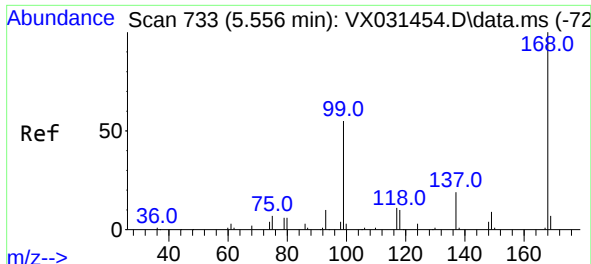
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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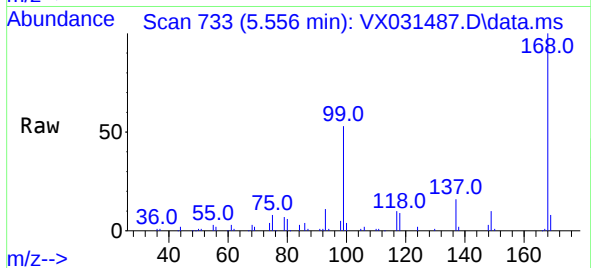
Quant Time: Sep 20 17:18:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
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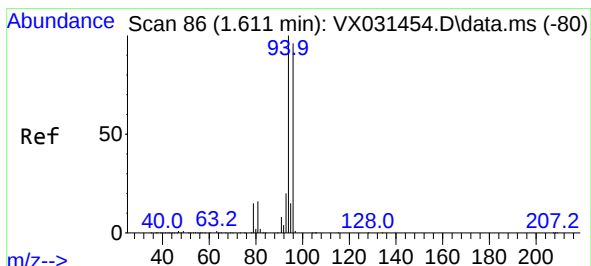
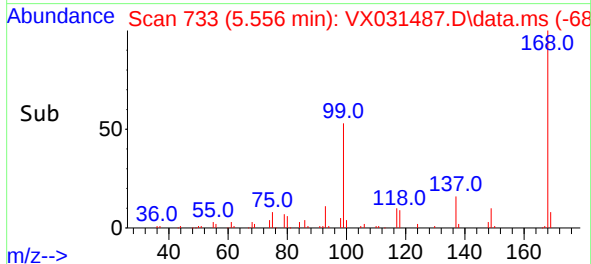
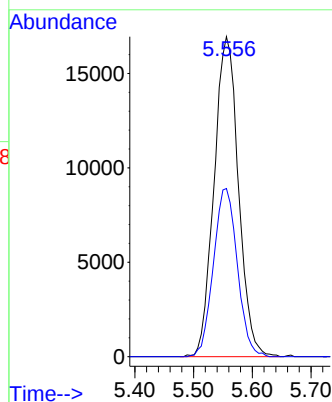


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

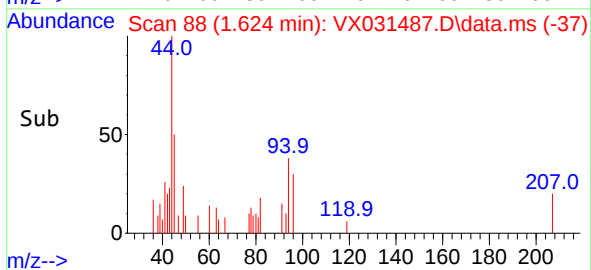
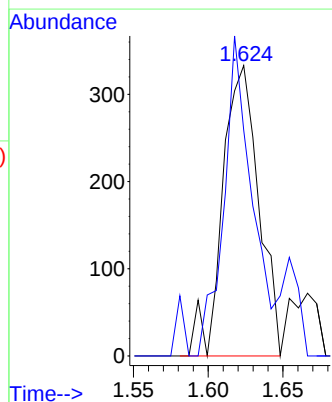
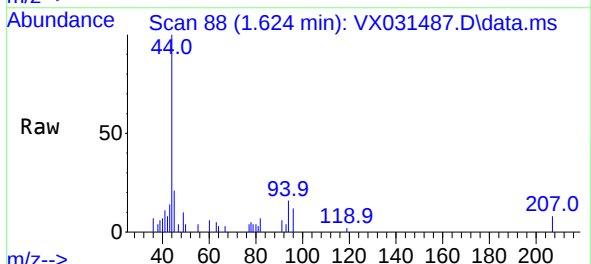


Tgt Ion:168 Resp: 48805
Ion Ratio Lower Upper
168 100
99 52.6 48.8 73.2

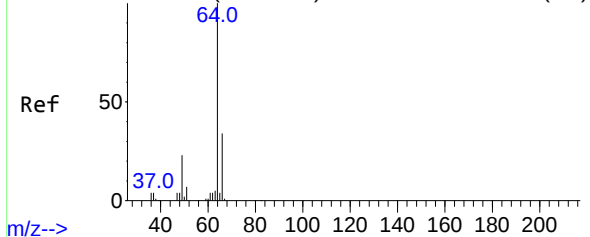


#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 57.1 74.4 111.6#



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



#6

Chloroethane

Concen: Below Cal

RT: 1.666 min Scan# 91

Delta R.T. -0.019 min

Lab File: VX031487.D

Acq: 20 Sep 2022 11:05

Instrument :

MSVOA_X

ClientSampleId :

VX0920WBL01

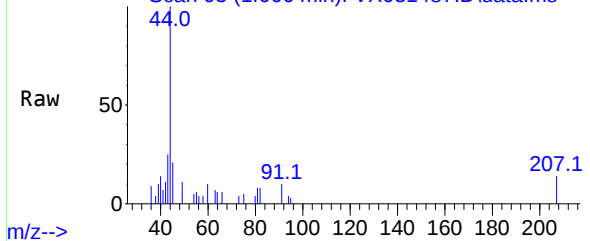
Tgt Ion: 64 Resp: 83

Ion Ratio Lower Upper

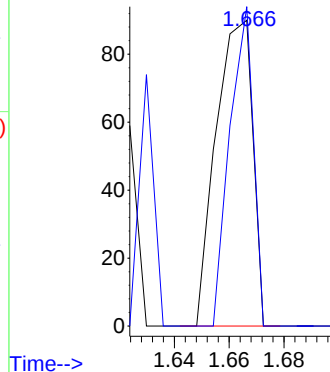
64 100

66 104.4 25.0 37.4#

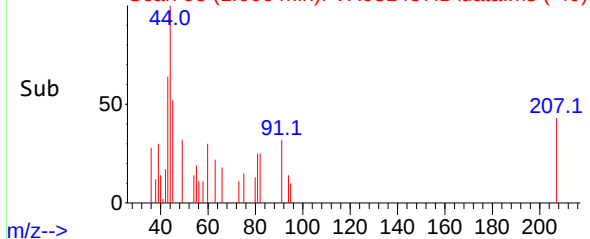
Abundance Scan 95 (1.666 min): VX031487.D\data.ms



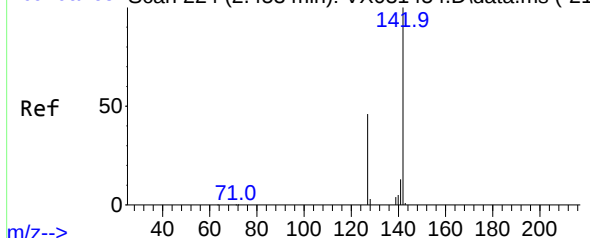
Abundance



Abundance Scan 95 (1.666 min): VX031487.D\data.ms (-49)



Abundance Scan 224 (2.453 min): VX031454.D\data.ms (-21)



#10

Methyl Iodide

Concen: 0.280 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX031487.D

Acq: 20 Sep 2022 11:05

Tgt Ion: 142 Resp: 213

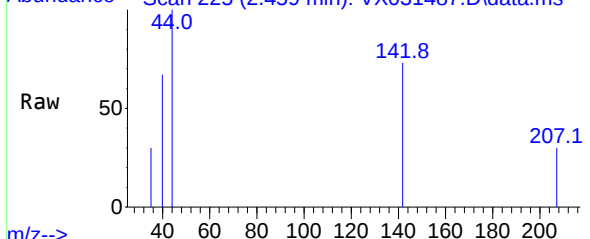
Ion Ratio Lower Upper

142 100

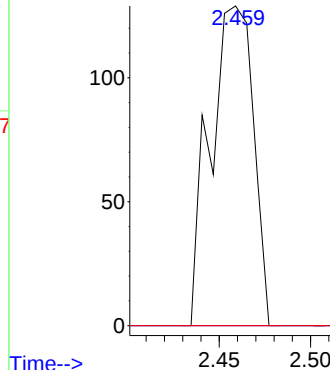
127 0.0 37.4 56.0#

141 0.0 11.6 17.4#

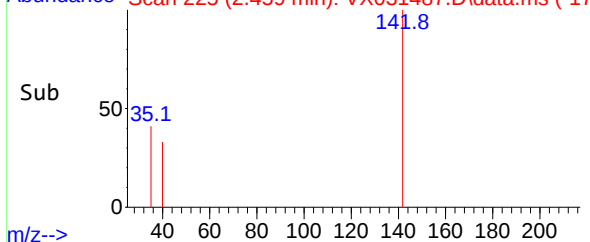
Abundance Scan 225 (2.459 min): VX031487.D\data.ms

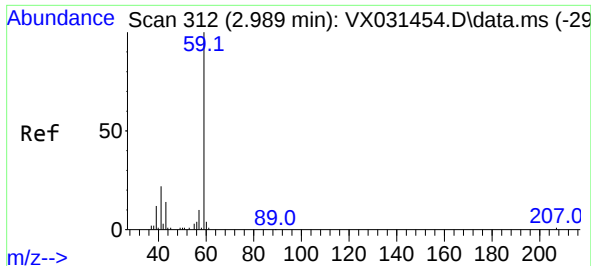


Abundance



Abundance Scan 225 (2.459 min): VX031487.D\data.ms (-17)

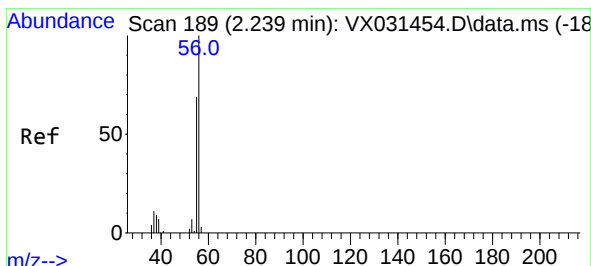
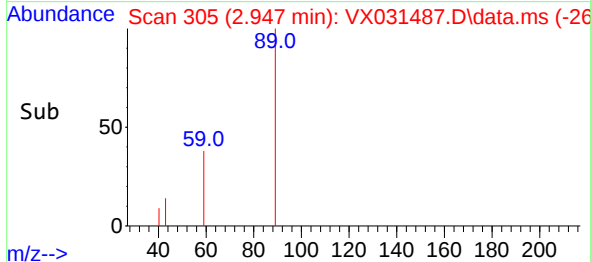
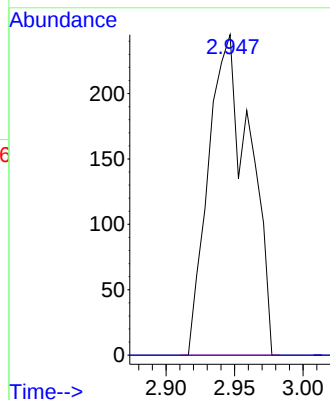
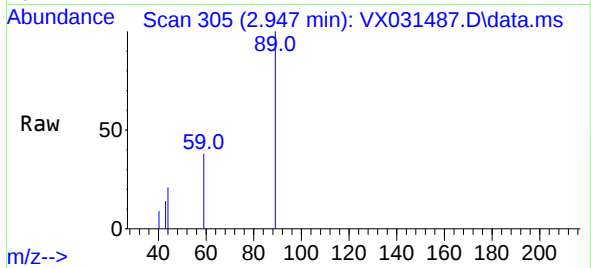




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

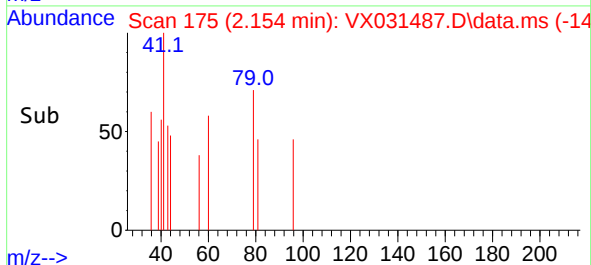
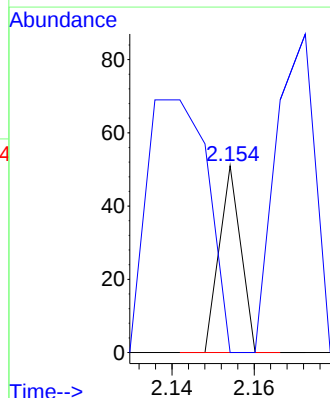
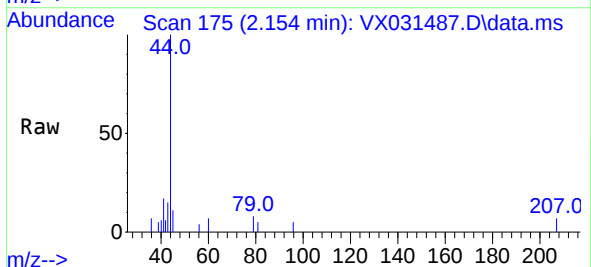
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

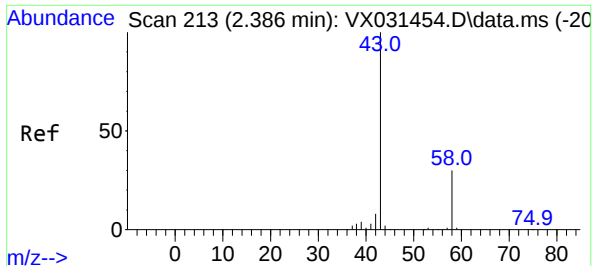
Tgt Ion: 59 Resp: 514
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.154 min Scan# 175
Delta R.T. -0.085 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 373.7 56.0 84.0#

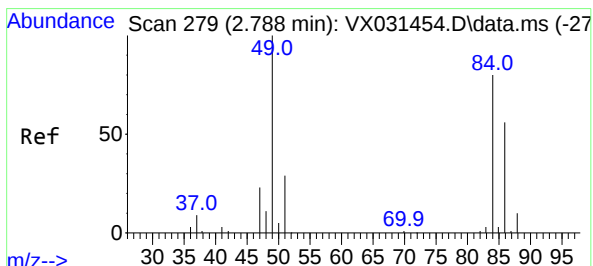
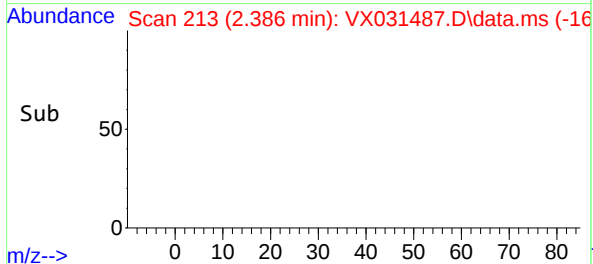
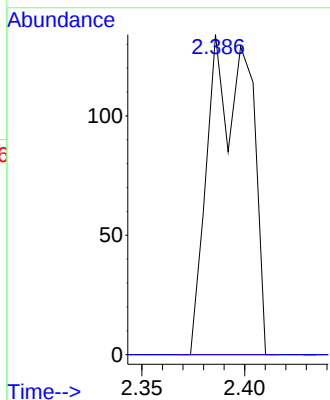
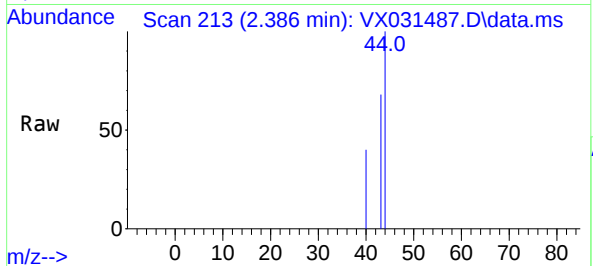




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

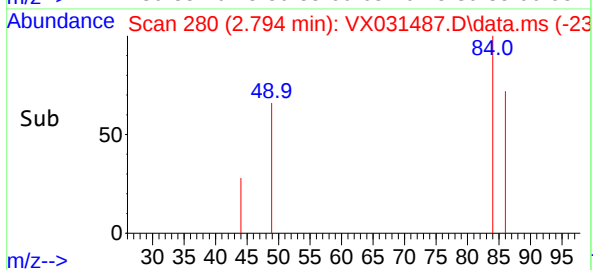
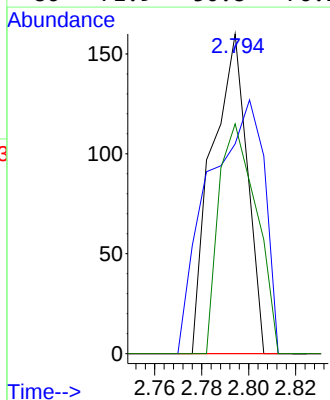
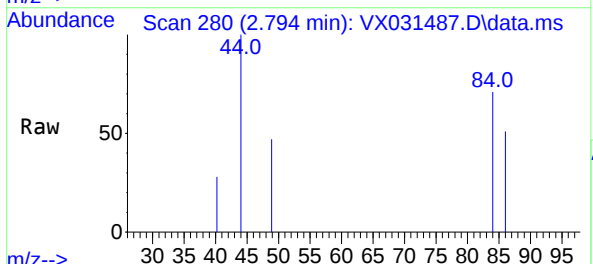
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

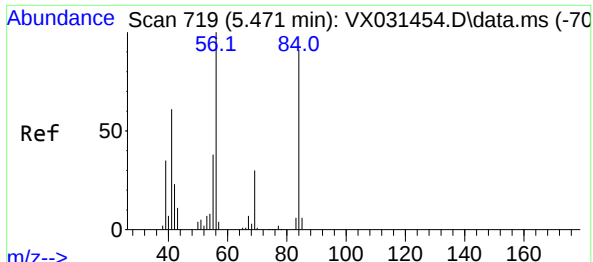
Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

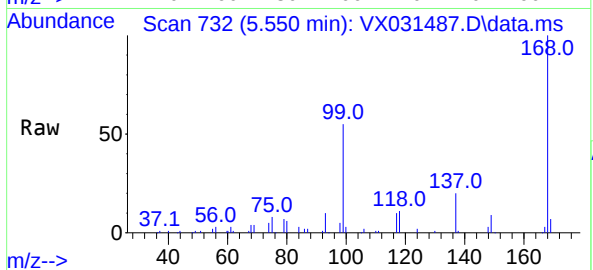
Tgt Ion: 84 Resp: 166
Ion Ratio Lower Upper
84 100
49 65.6 105.9 158.9#
51 0.0 32.2 48.2#
86 71.9 50.8 76.2



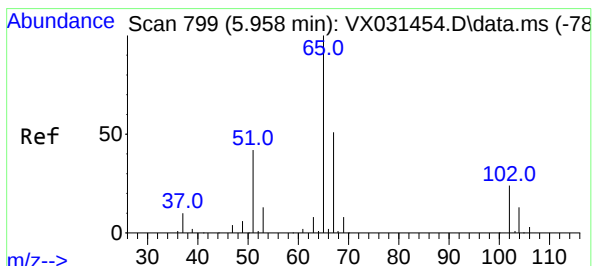
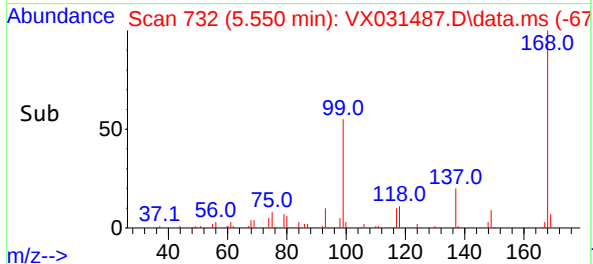
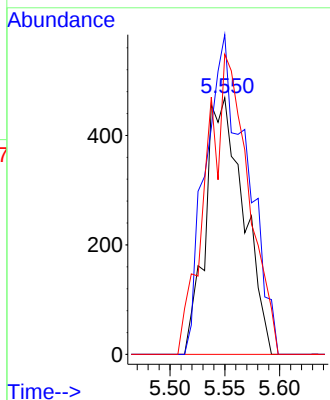


#31
Cyclohexane
Concen: 0.856 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

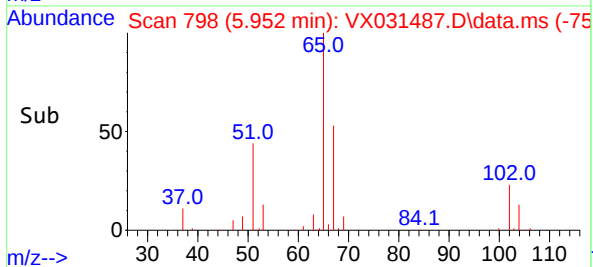
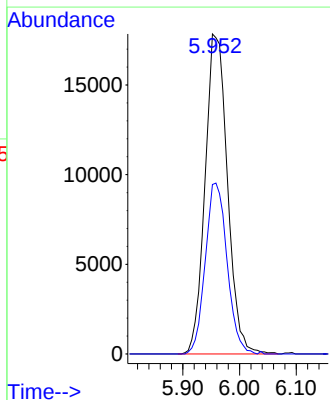
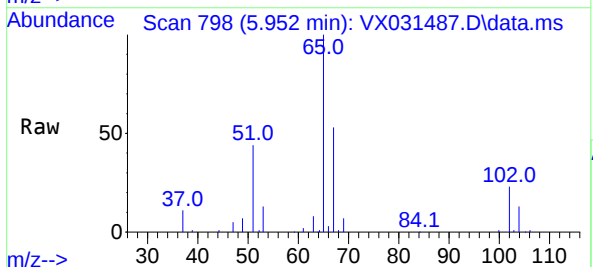


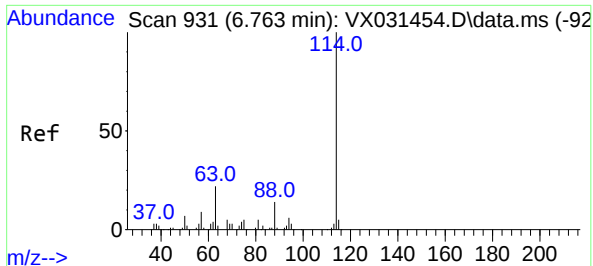
Tgt Ion: 56 Resp: 1137
Ion Ratio Lower Upper
56 100
69 124.5 25.1 37.7#
84 116.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.761 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion: 65 Resp: 49013
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

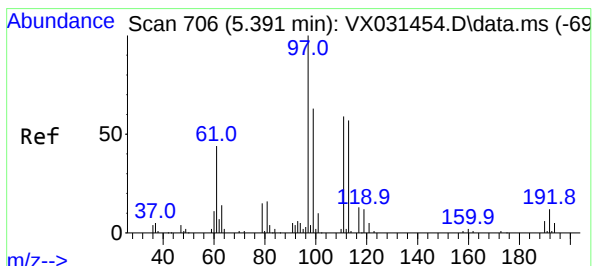
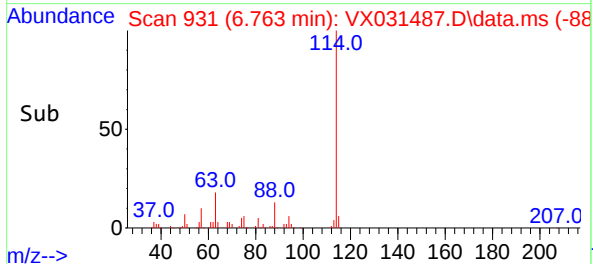
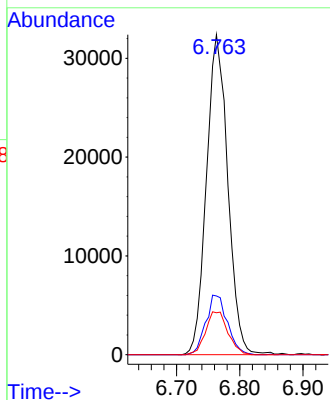
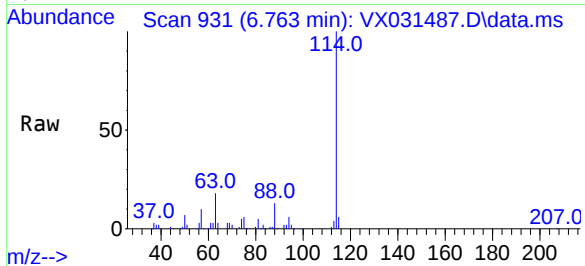




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

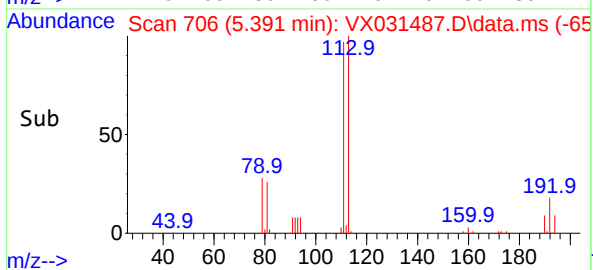
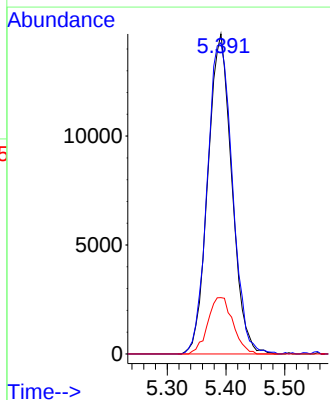
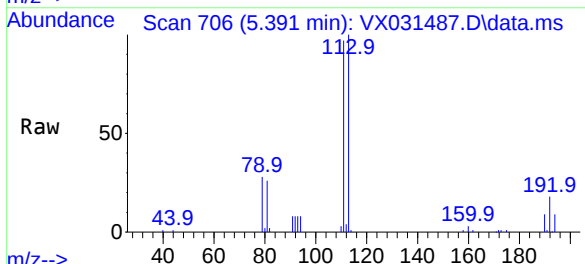
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

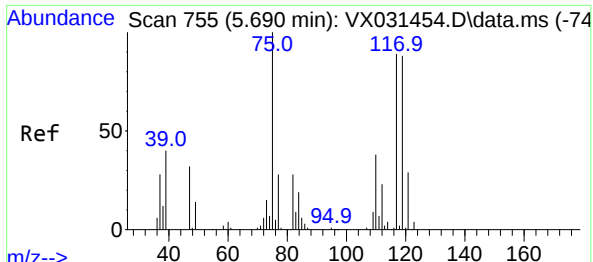
Tgt Ion:	114	Resp:	76020
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	42.6
88	13.1	0.0	33.0



#35
Dibromofluoromethane
Concen: 52.820 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion:	113	Resp:	41471
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	18.5	14.1	21.1

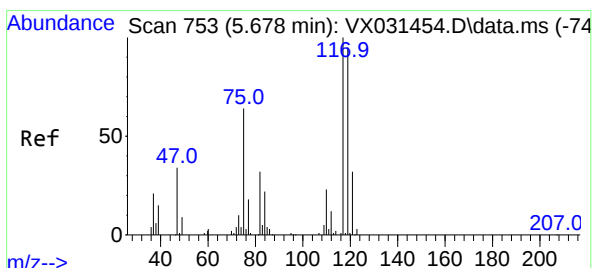
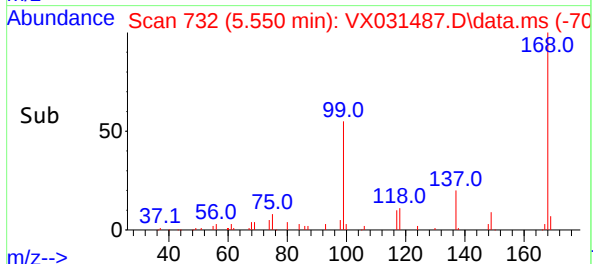
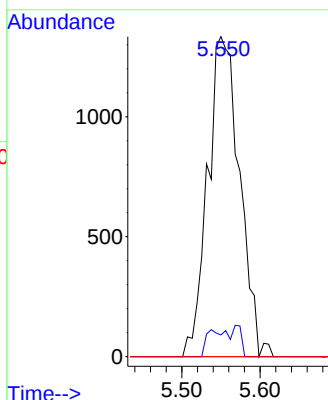
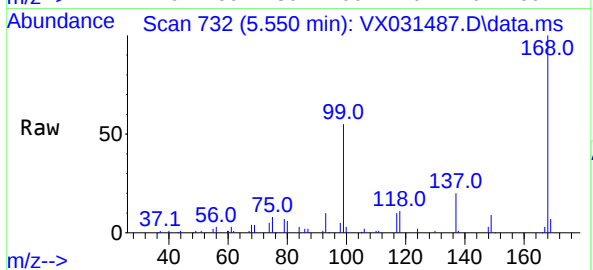




#36
1,1-Dichloropropene
Concen: 3.136 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

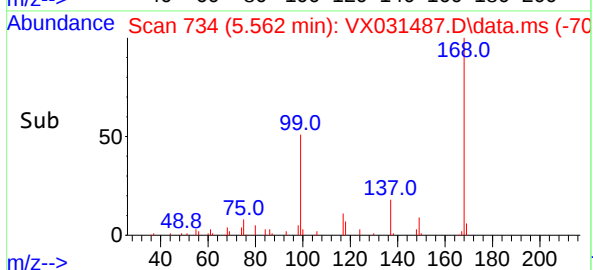
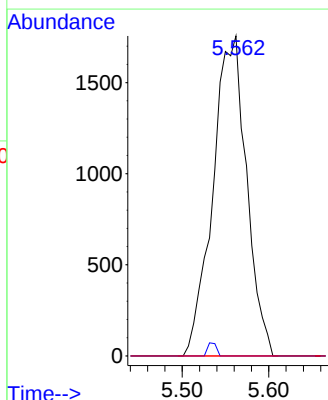
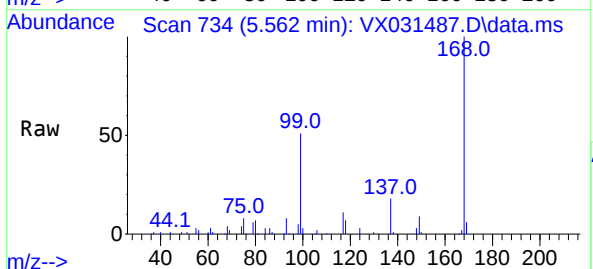
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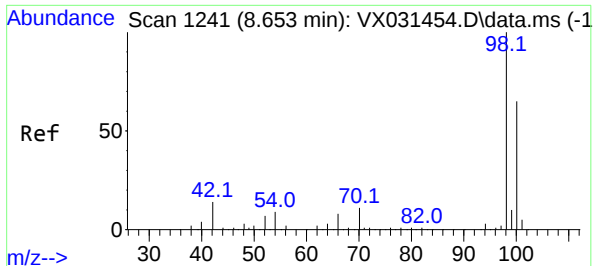
Tgt Ion: 75 Resp: 3789
Ion Ratio Lower Upper
75 100
110 3.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.540 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion: 117 Resp: 4741
Ion Ratio Lower Upper
117 100
119 0.0 74.6 112.0#
121 0.0 25.3 37.9#

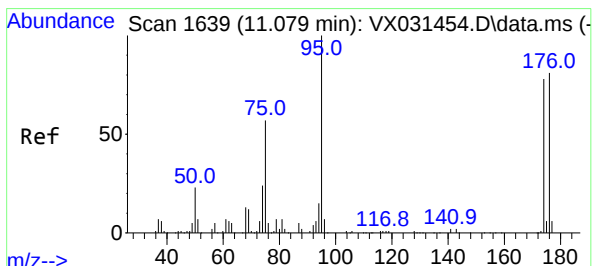
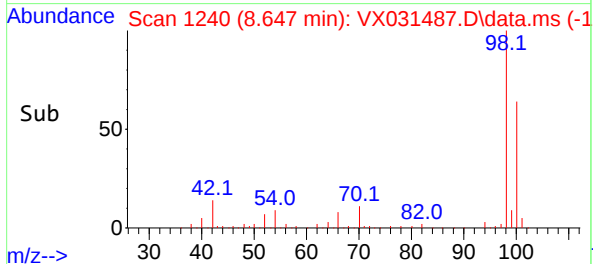
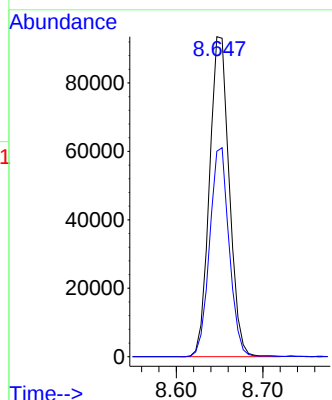
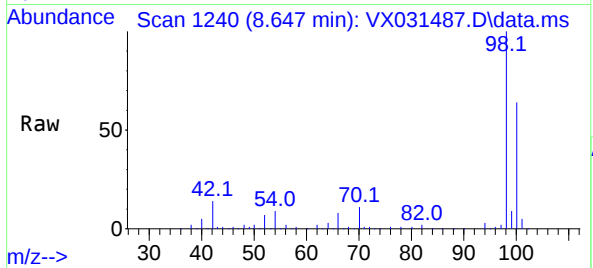




#50
Toluene-d8
Concen: 48.958 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

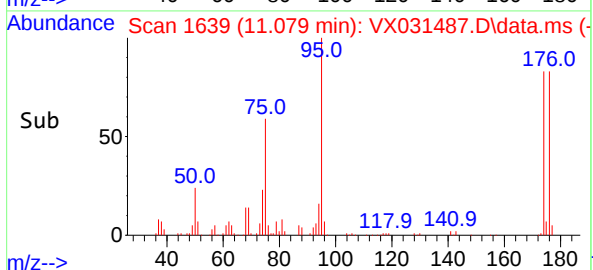
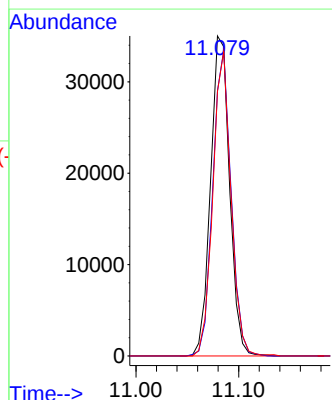
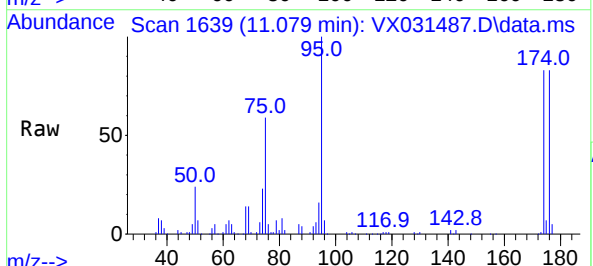
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

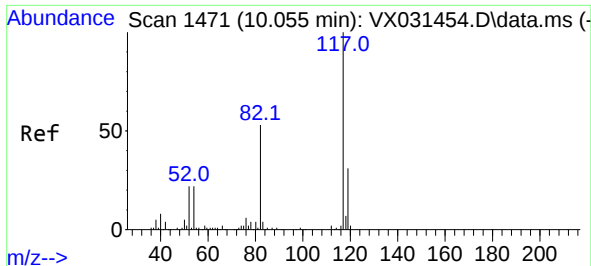
Tgt Ion: 98 Resp: 148281
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.966 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion: 95 Resp: 45105
Ion Ratio Lower Upper
95 100
174 91.7 0.0 153.2
176 90.5 0.0 144.0

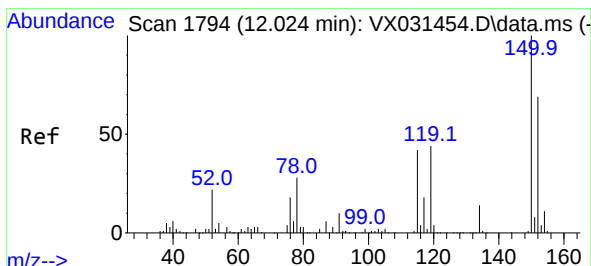
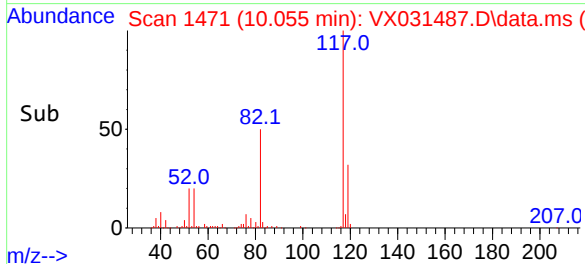
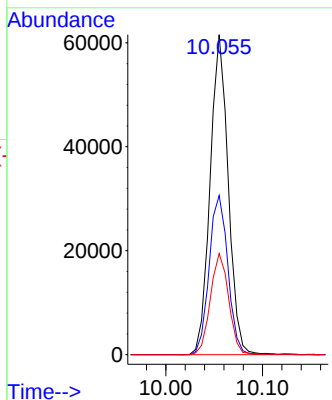
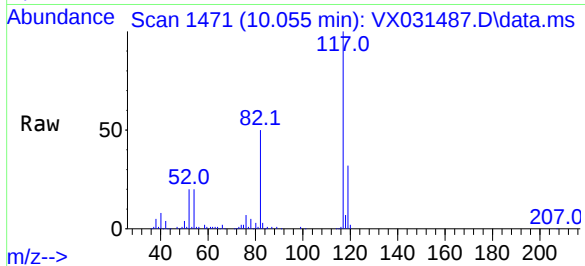




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

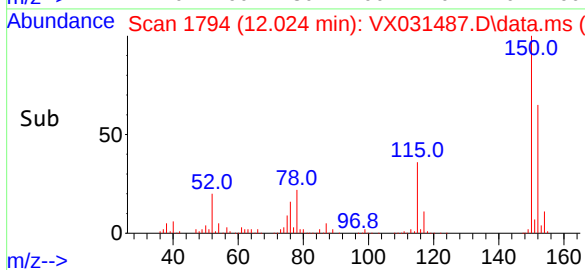
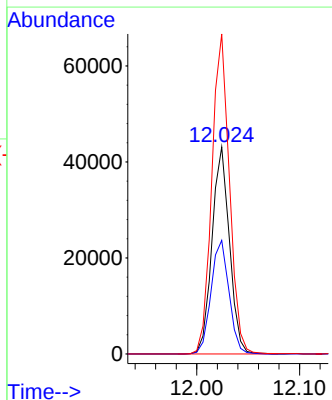
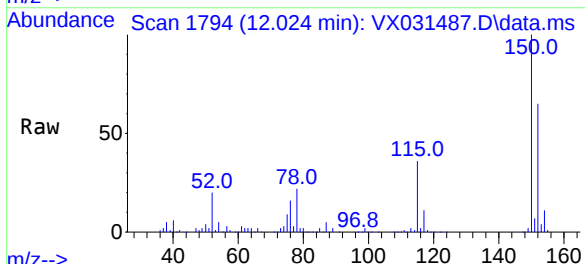
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

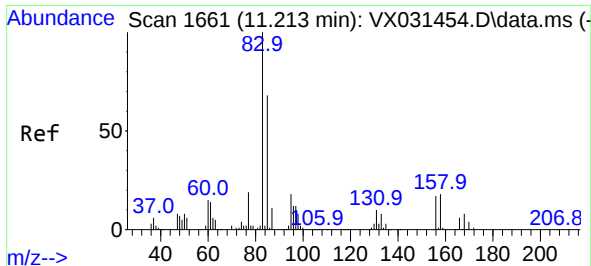
Tgt Ion:	117	Resp:	80036
Ion	Ratio	Lower	Upper
117	100		
82	49.8	46.8	70.2
119	31.6	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion:	152	Resp:	50736
Ion	Ratio	Lower	Upper
152	100		
115	56.6	43.4	130.1
150	156.1	0.0	346.8

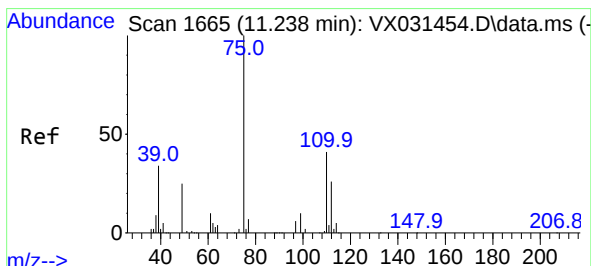
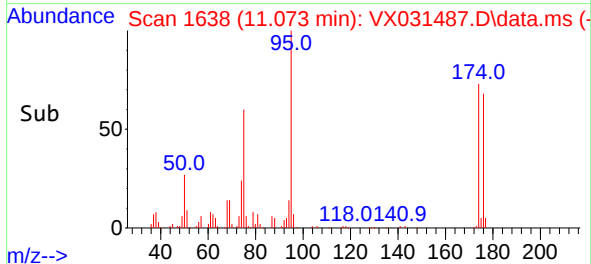
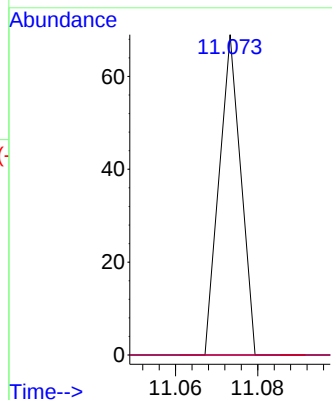
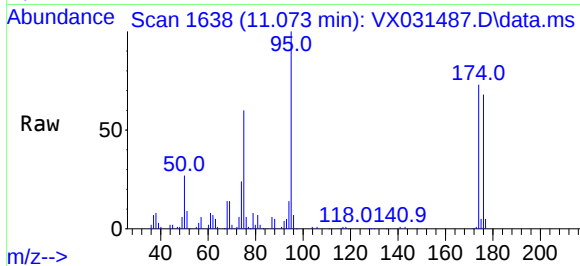




#75
1,1,2-Tetrachloroethane
Concen: Below Cal
RT: 11.073 min Scan# 1638
Delta R.T. -0.140 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

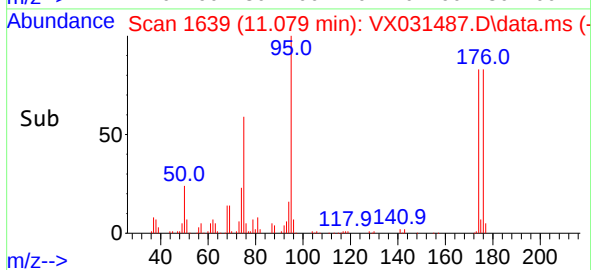
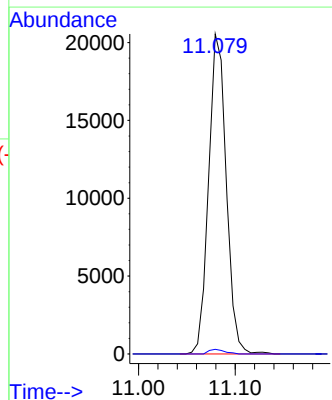
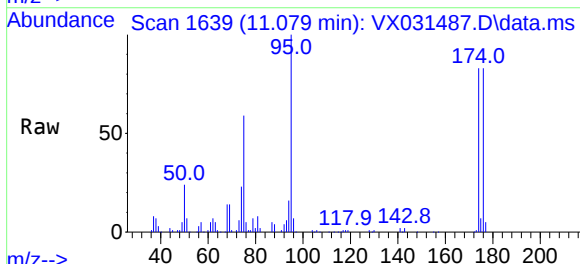
Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

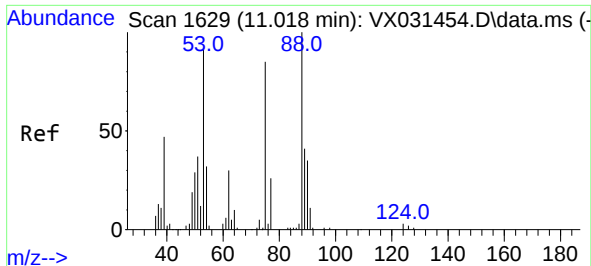
Tgt Ion: 83 Resp: 25
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 23.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion: 75 Resp: 26105
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#

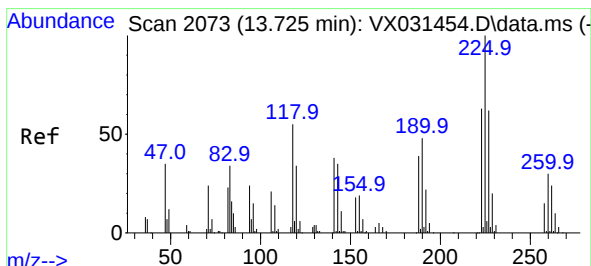
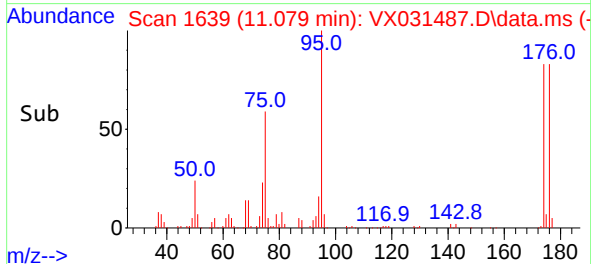
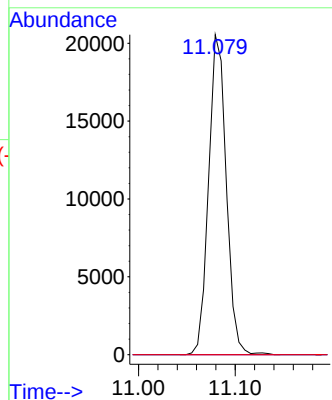
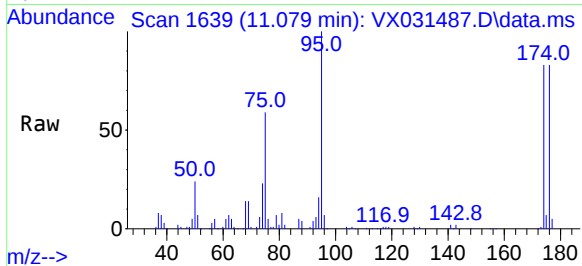




#81
trans-1,4-Dichloro-2-butene
Concen: 74.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Instrument :
MSVOA_X
ClientSampleId :
VX0920WBL01

Tgt Ion: 75 Resp: 26105
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031487.D
Acq: 20 Sep 2022 11:05

Tgt Ion: 225 Resp: 58
Ion Ratio Lower Upper
225 100
223 0.0 30.8 92.4#
227 0.0 32.3 96.9#

