

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011623.D
 Acq On : 29 Nov 2022 15:33
 Operator : KP/MD
 Sample : N5792-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-112822

Quant Time: Nov 30 04:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

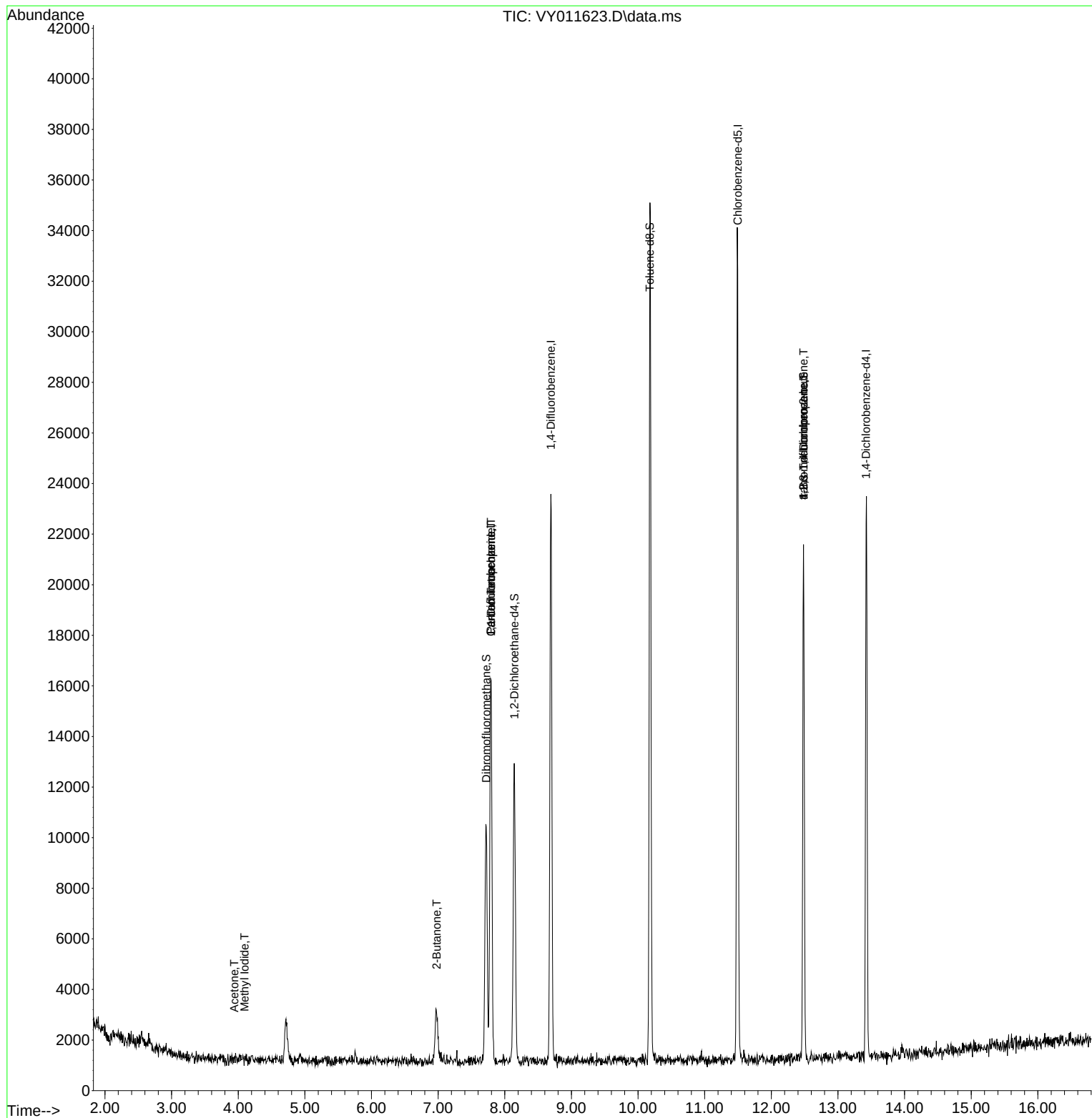
Internal Standards						
1) Pentafluorobenzene	7.789	168	12450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	18498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9622	76.113	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.220%			
35) Dibromofluoromethane	7.722	113	6900	54.520	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.040%			
50) Toluene-d8	10.179	98	23293	50.647	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.300%			
62) 4-Bromofluorobenzene	12.483	95	6556	38.555	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.120%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	67	Below Cal	#	44
5) Bromomethane	2.662	94	115	Below Cal	#	64
10) Methyl Iodide	4.095	142	182	1.308	ug/l #	87
11) Tert butyl alcohol	4.942	59	87	Below Cal	#	77
16) Acetone	3.942	43	77	1.875	ug/l #	47
20) Methylene Chloride	4.716	84	1309	Below Cal	#	76
25) 2-Butanone	6.978	43	57	1.056	ug/l #	54
36) 1,1-Dichloropropene	7.795	75	1010	5.105	ug/l #	46
38) Carbon Tetrachloride	7.795	117	1214	5.485	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	3205	48.620	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3205	106.495	ug/l #	7

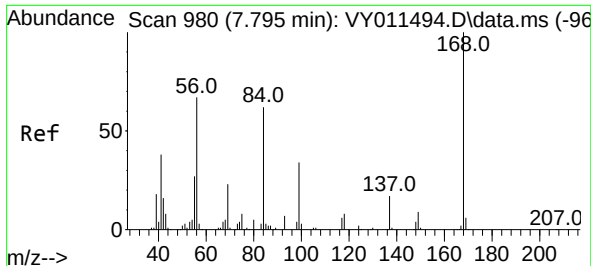
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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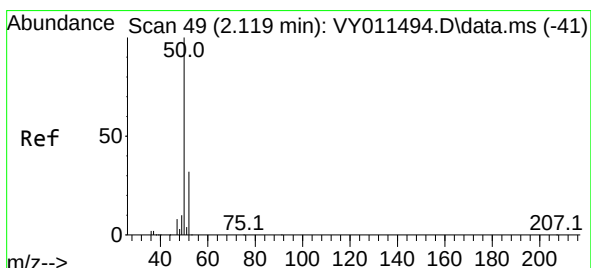
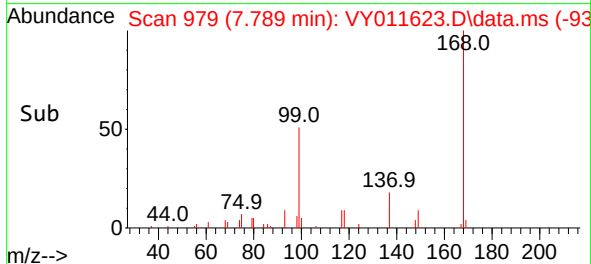
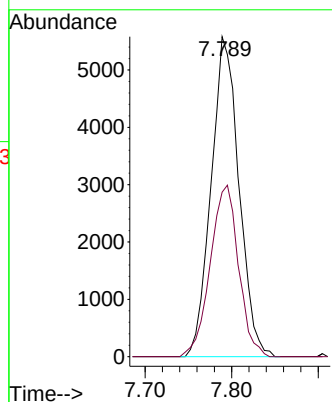
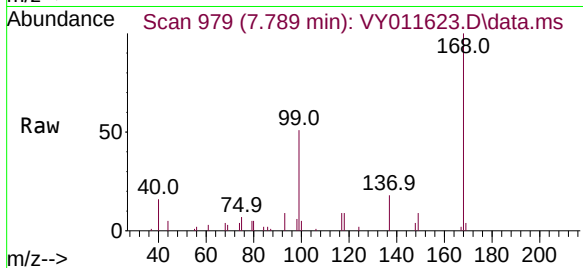




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

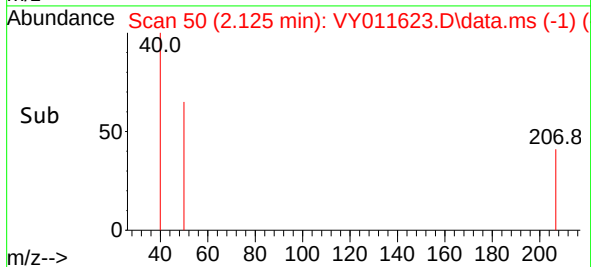
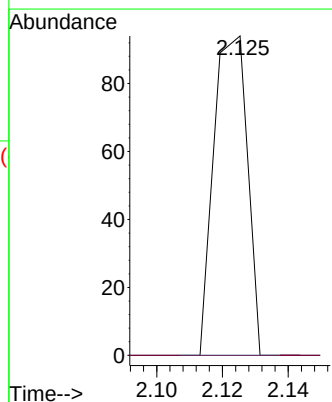
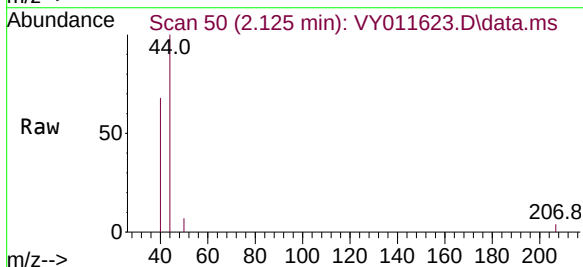
Instrument :
MSVOA_Y
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OR-02-112822

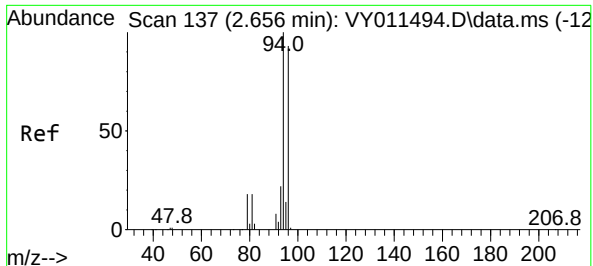
Tgt Ion:168 Resp: 12450
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

Tgt Ion: 50 Resp: 67
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

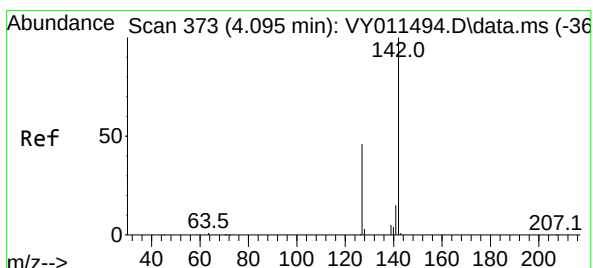
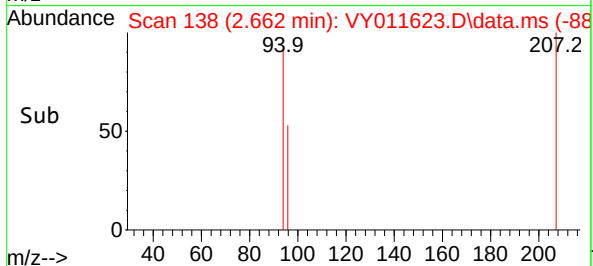
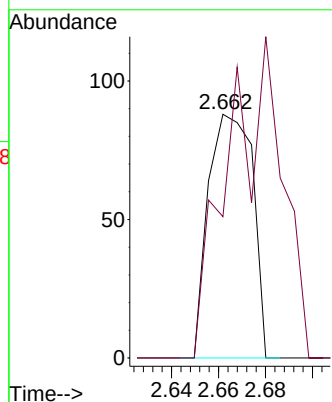
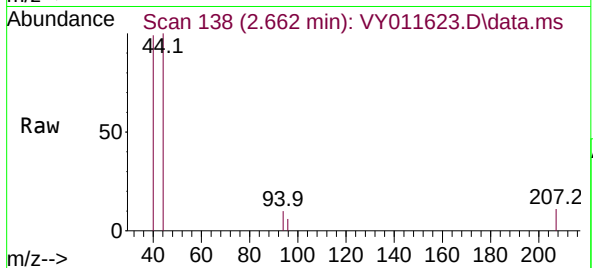




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

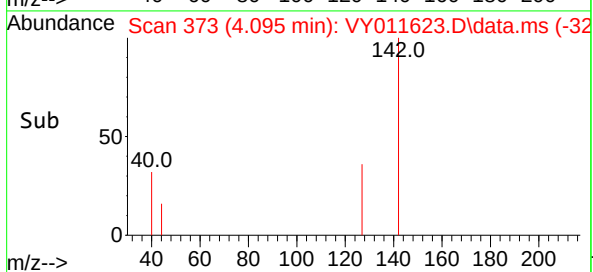
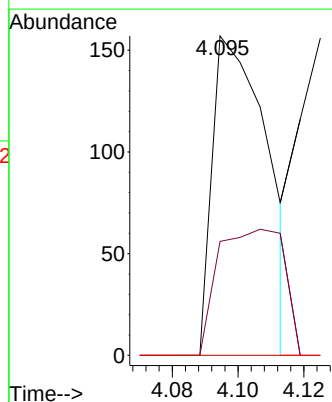
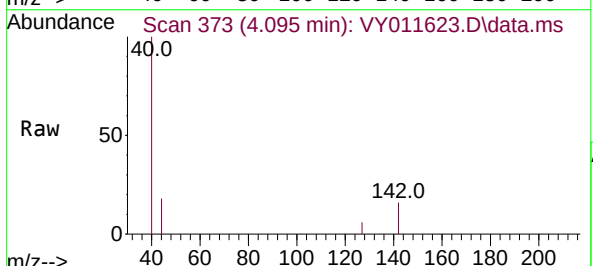
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-112822

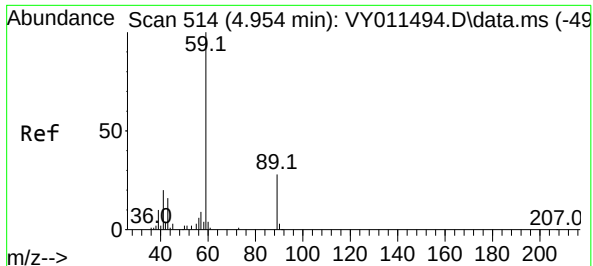
Tgt Ion: 94 Resp: 115
Ion Ratio Lower Upper
94 100
96 58.0 73.5 110.3#



#10
Methyl Iodide
Concen: 1.308 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

Tgt Ion:142 Resp: 182
Ion Ratio Lower Upper
142 100
127 47.3 41.5 62.3
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY011623.D

Acq: 29 Nov 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

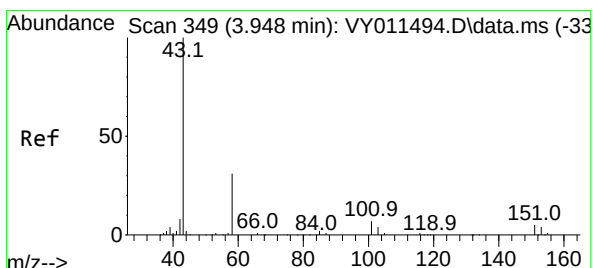
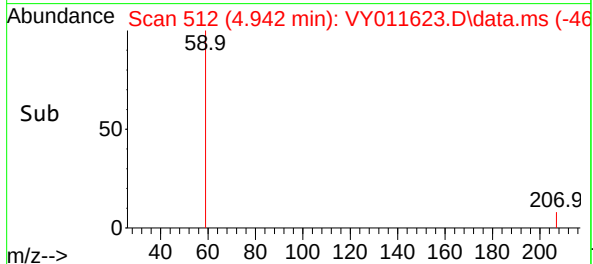
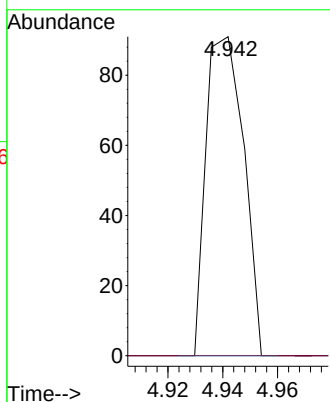
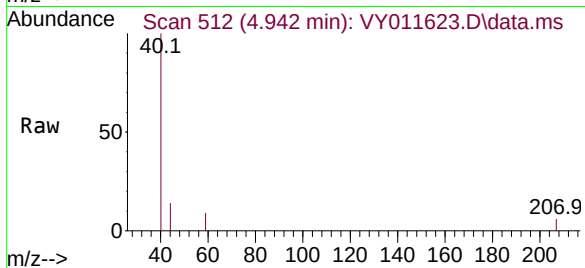
OR-02-112822

Tgt Ion: 59 Resp: 87

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.875 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY011623.D

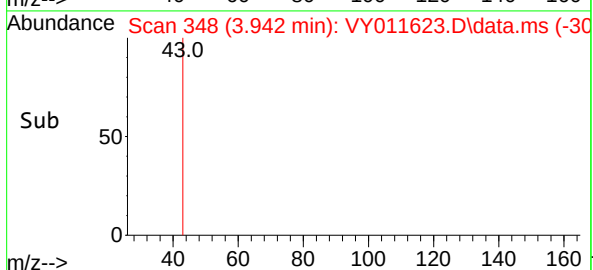
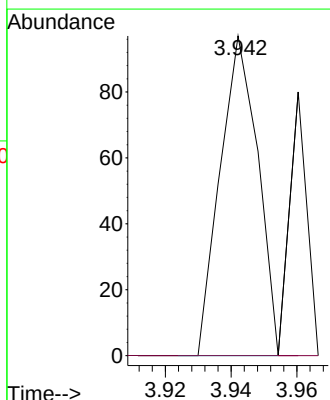
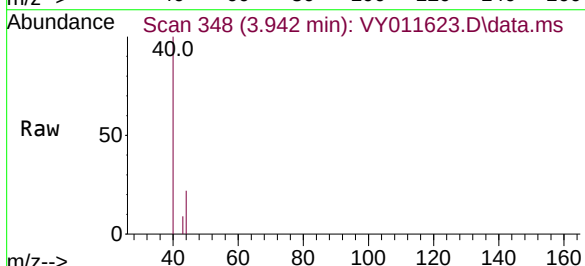
Acq: 29 Nov 2022 15:33

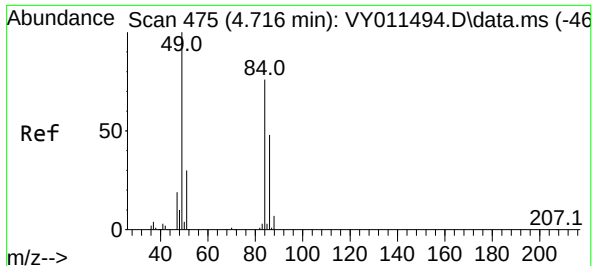
Tgt Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#

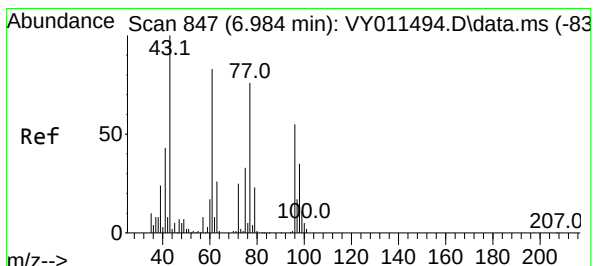
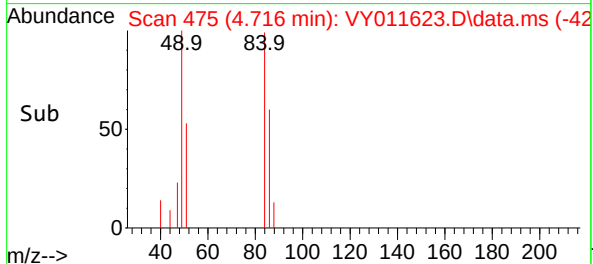
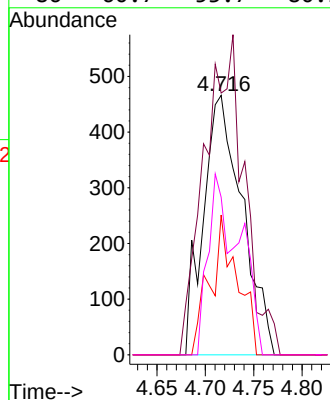
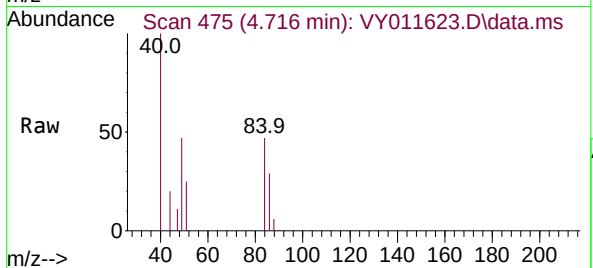




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

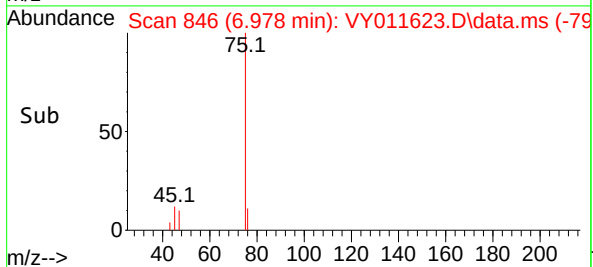
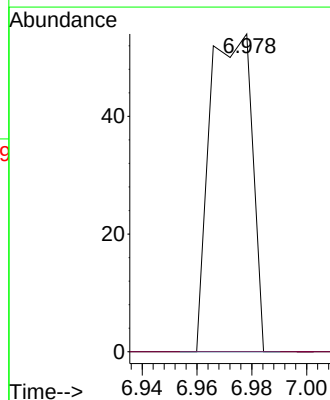
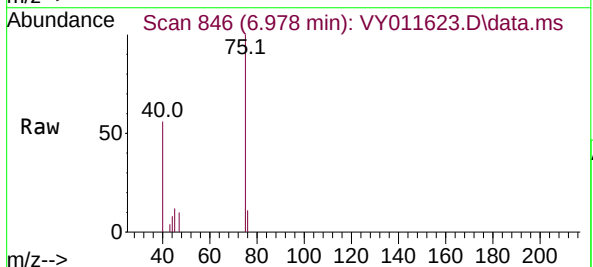
Instrument :
MSVOA_Y
ClientSampleId :
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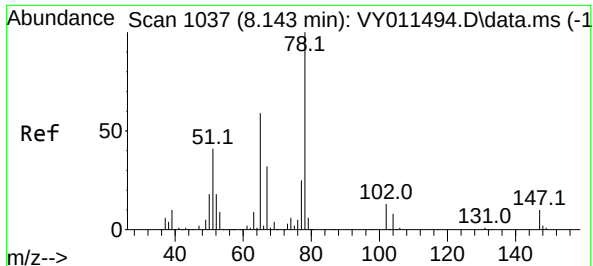
Tgt Ion: 84 Resp: 1309
Ion Ratio Lower Upper
84 100
49 100.9 114.4 171.6#
51 53.9 35.3 52.9#
86 60.7 53.7 80.5



#25
2-Butanone
Concen: 1.056 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

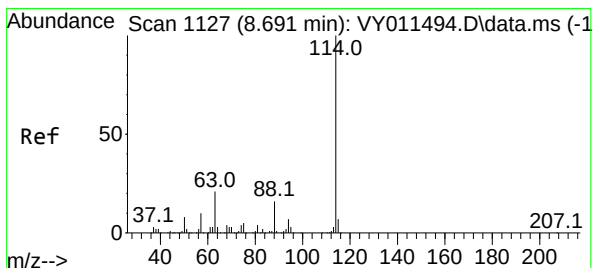
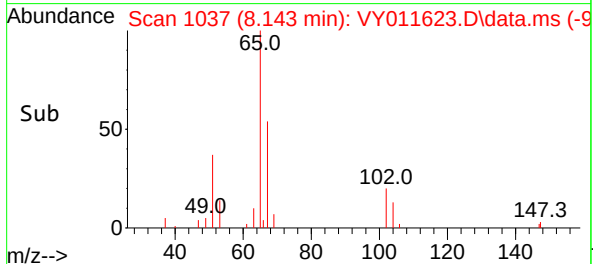
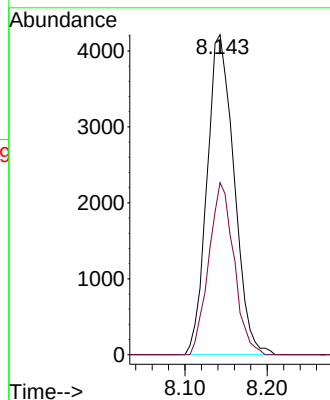
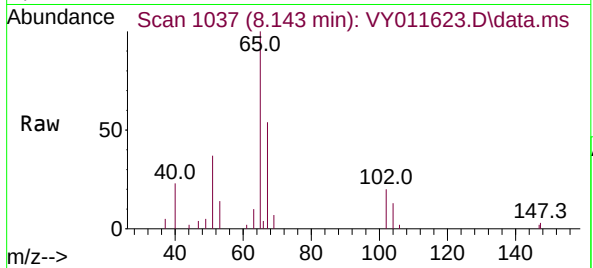




#33
 1,2-Dichloroethane-d4
 Concen: 76.113 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY011623.D
 Acq: 29 Nov 2022 15:33

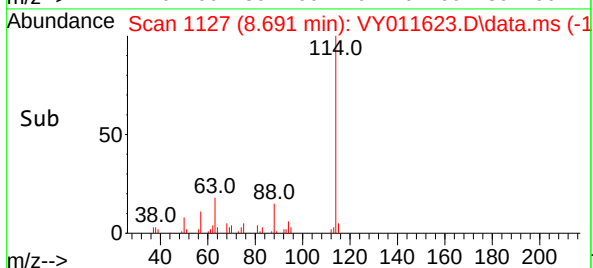
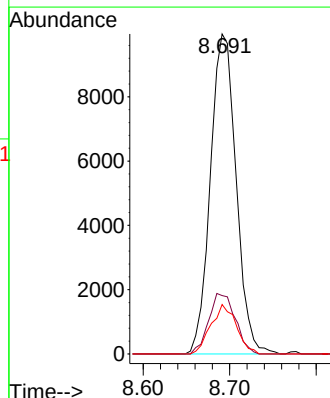
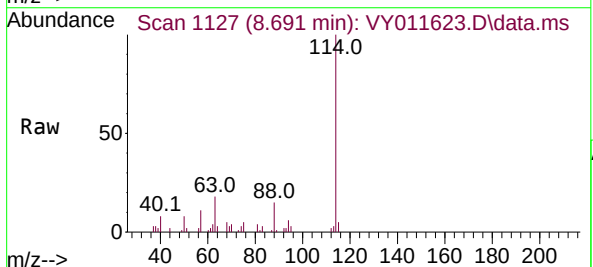
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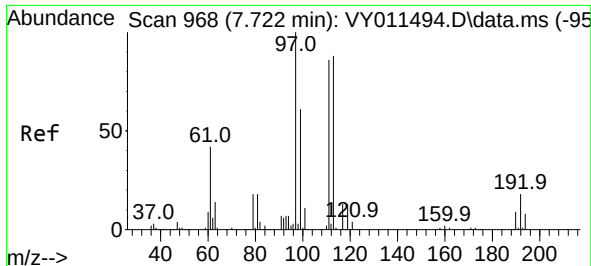
Tgt Ion: 65 Resp: 9622
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011623.D
 Acq: 29 Nov 2022 15:33

Tgt Ion: 114 Resp: 20559
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.2
 88 15.5 0.0 31.8

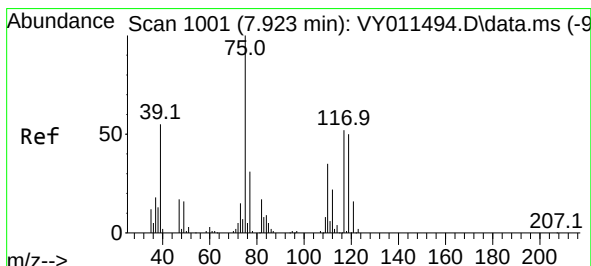
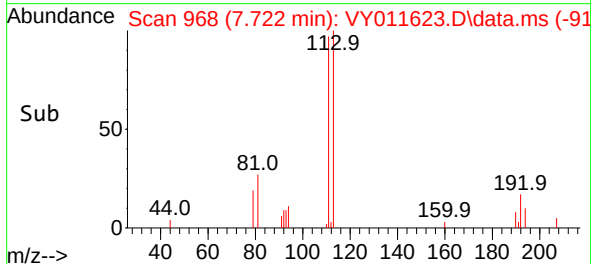
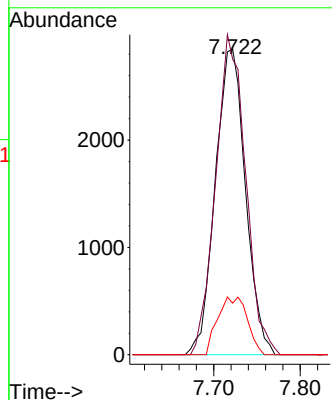
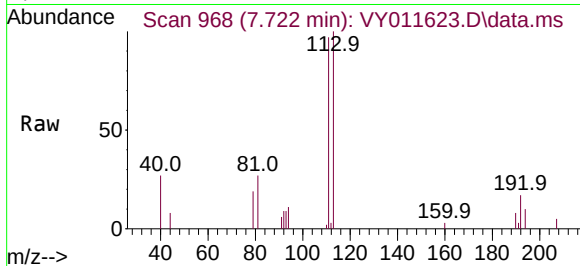




#35
Dibromofluoromethane
Concen: 54.520 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

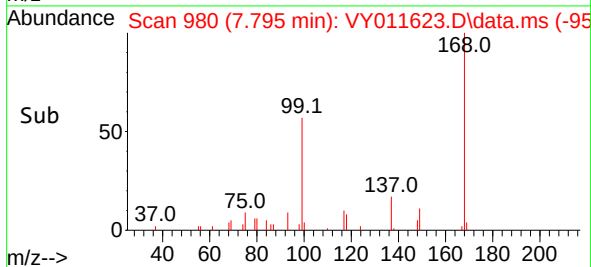
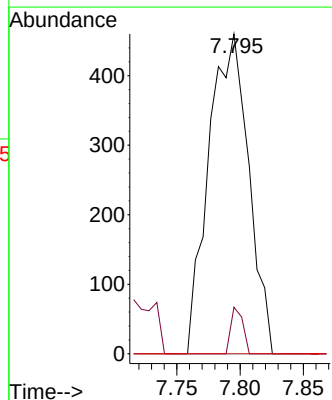
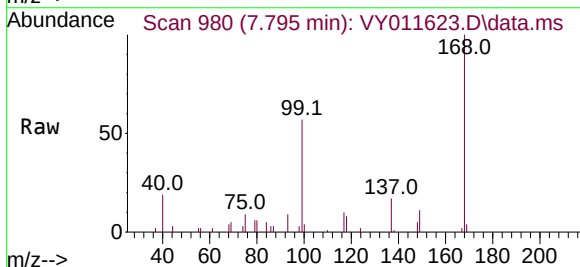
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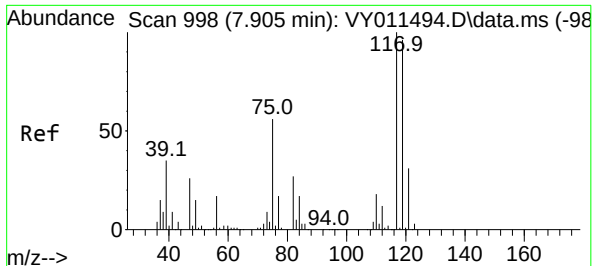
Tgt Ion:113 Resp: 6900
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.105 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

Tgt Ion: 75 Resp: 1010
Ion Ratio Lower Upper
75 100
110 4.4 17.1 51.2#
77 0.0 24.4 36.6#

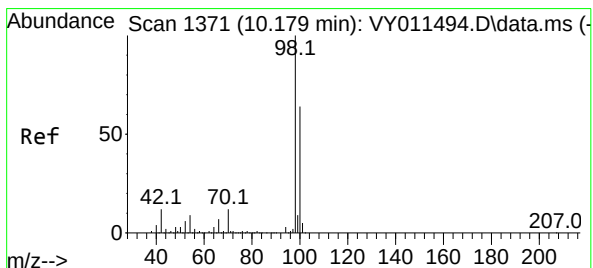
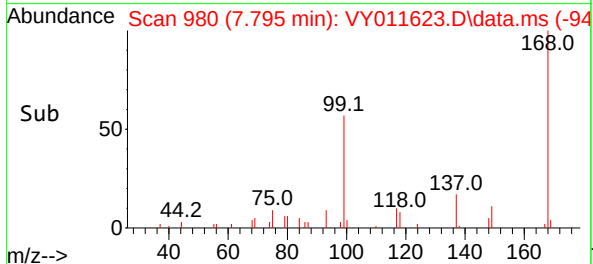
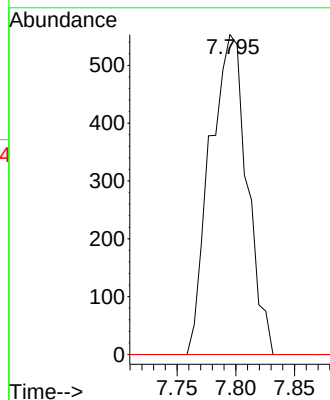
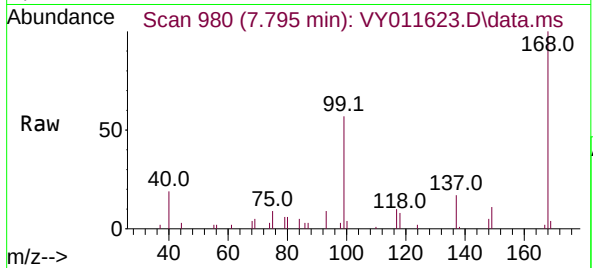




#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

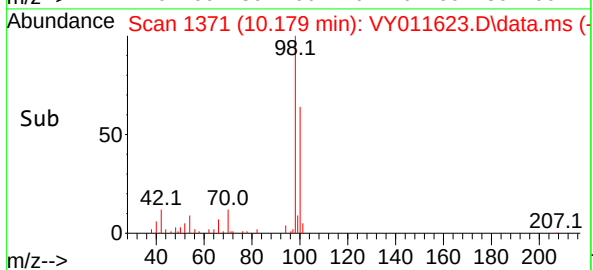
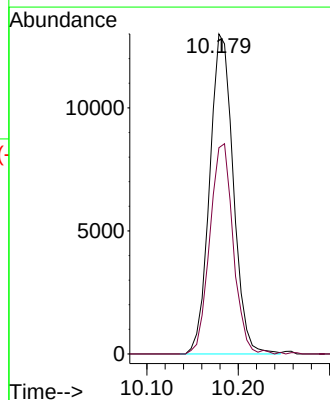
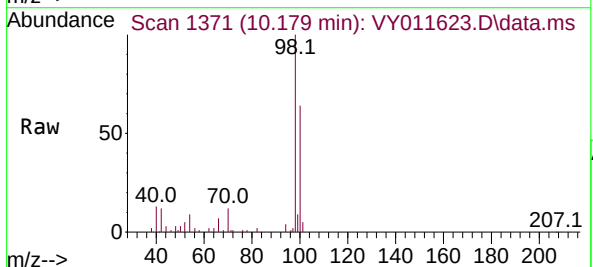
Instrument :
MSVOA_Y
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OR-02-112822

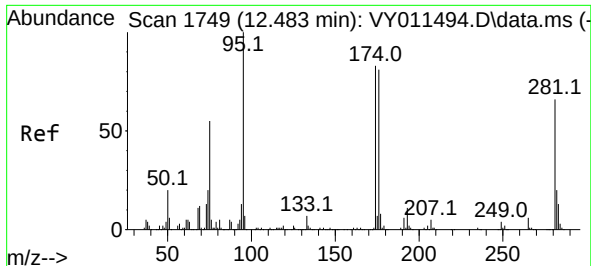
Tgt Ion:117 Resp: 1214
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.647 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011623.D
Acq: 29 Nov 2022 15:33

Tgt Ion: 98 Resp: 23293
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 38.555 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011623.D

Acq: 29 Nov 2022 15:33

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-112822

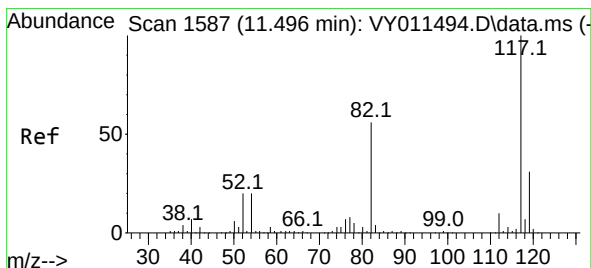
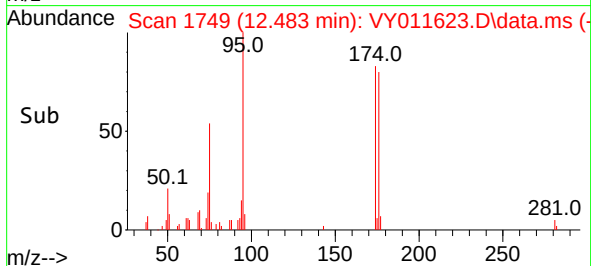
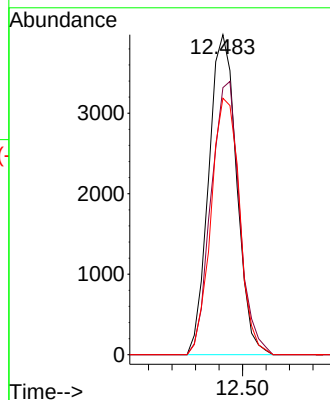
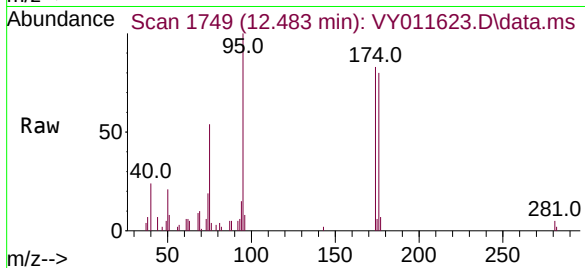
Tgt Ion: 95 Resp: 6556

Ion Ratio Lower Upper

95 100

174 87.1 0.0 177.0

176 82.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VY011623.D

Acq: 29 Nov 2022 15:33

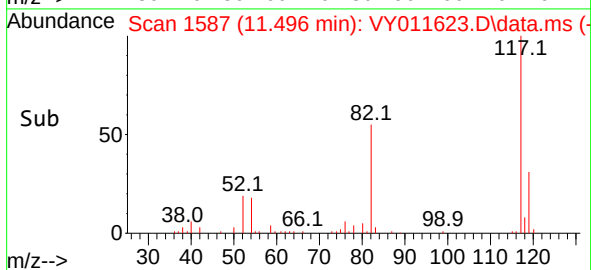
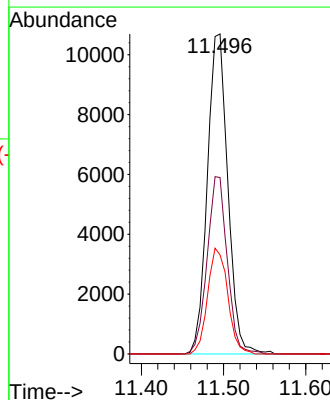
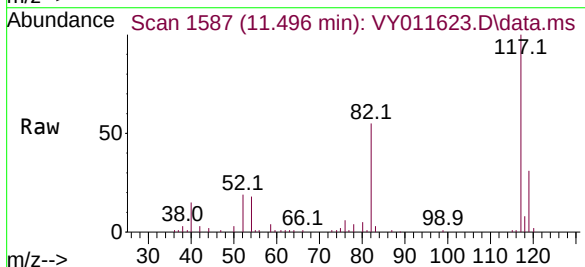
Tgt Ion: 117 Resp: 18498

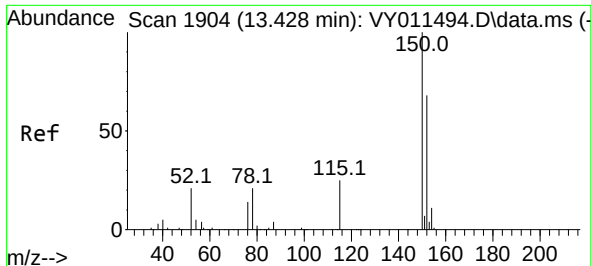
Ion Ratio Lower Upper

117 100

82 55.1 43.0 64.4

119 30.9 25.4 38.0

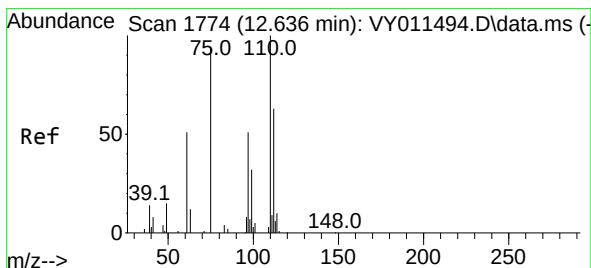
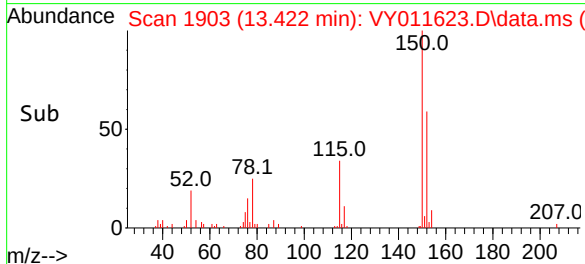
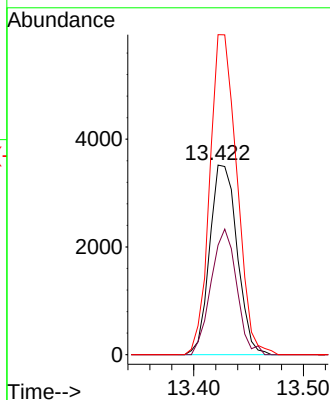
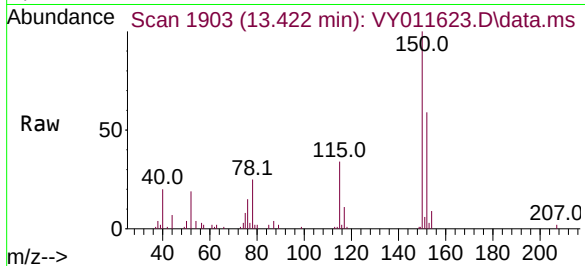




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY011623.D
 Acq: 29 Nov 2022 15:33

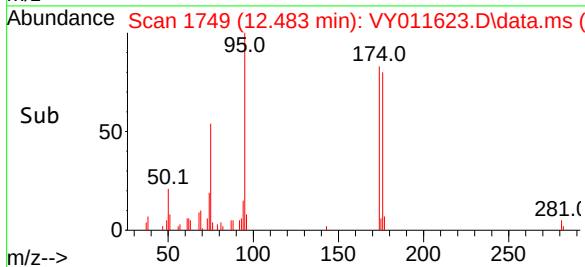
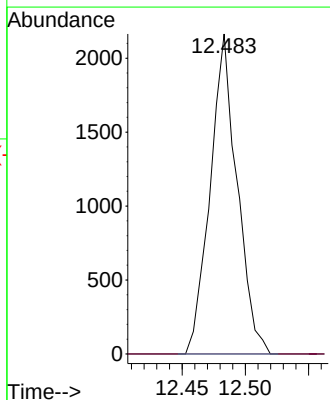
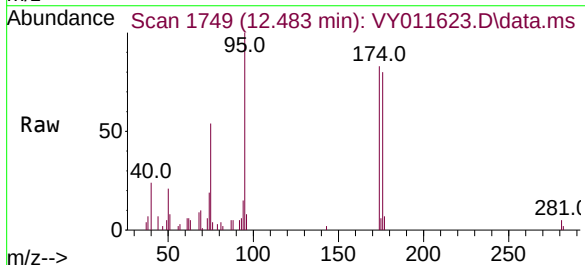
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-112822

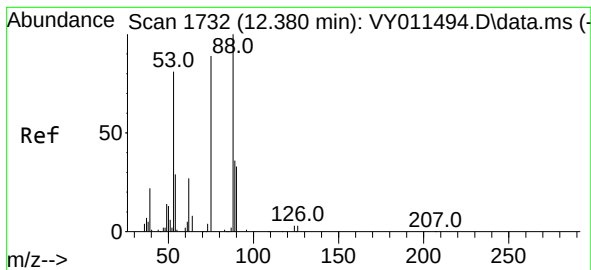
Tgt Ion:152 Resp: 6121
 Ion Ratio Lower Upper
 152 100
 115 62.0 28.2 84.7
 150 166.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.620 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY011623.D
 Acq: 29 Nov 2022 15:33

Tgt Ion: 75 Resp: 3205
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.495 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY011623.D
 Acq: 29 Nov 2022 15:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-112822

Tgt Ion: 75 Resp: 3205
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

