

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011584.D
 Acq On : 23 Nov 2022 18:41
 Operator : KP/MD
 Sample : N5772-01
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:39:31 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)

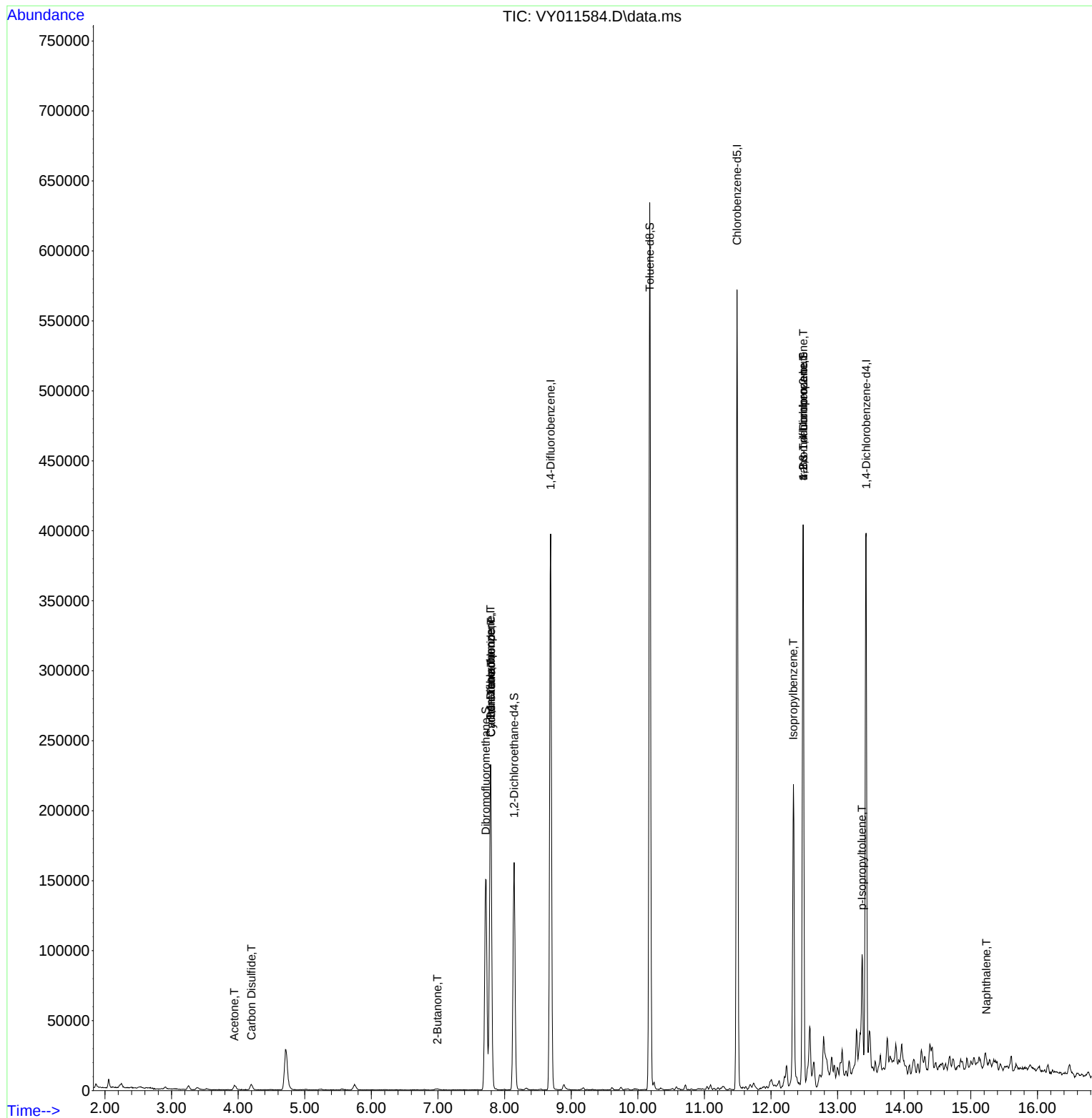
Internal Standards						
1) Pentafluorobenzene	7.789	168	172834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	122358	69.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.440%	
35) Dibromofluoromethane	7.716	113	107447	53.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.400%	
50) Toluene-d8	10.179	98	395835	53.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.483	95	115054	42.396	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	217	Below Cal	#	44
5) Bromomethane	2.668	94	64	Below Cal		86
11) Tert butyl alcohol	4.948	59	39	Below Cal	#	77
16) Acetone	3.942	43	6112	10.722	ug/l	99
17) Carbon Disulfide	4.198	76	7678	1.824	ug/l	96
18) Methyl Acetate	4.472	43	282	Below Cal	#	56
20) Methylene Chloride	4.716	84	21150	Below Cal		90
25) 2-Butanone	6.990	43	1146	1.530	ug/l	94
31) Cyclohexane	7.795	56	4401	1.513	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	13716	4.344	ug/l #	51
38) Carbon Tetrachloride	7.795	117	18173	5.145	ug/l #	14
73) Isopropylbenzene	12.337	105	9442	1.316	ug/l #	67
76) 1,2,3-Trichloropropane	12.483	75	63285	59.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63285	129.739	ug/l #	8
86) p-Isopropyltoluene	13.367	119	43882	6.689	ug/l	98
95) Naphthalene	15.233	128	3689	4.985	ug/l #	85

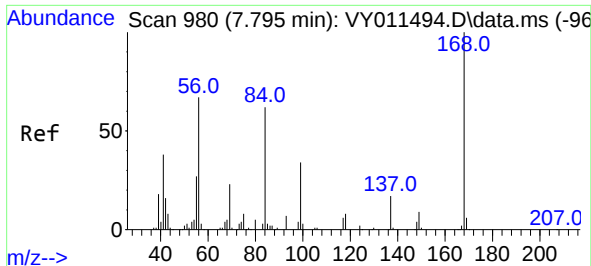
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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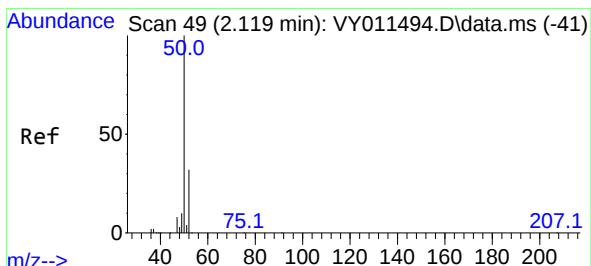
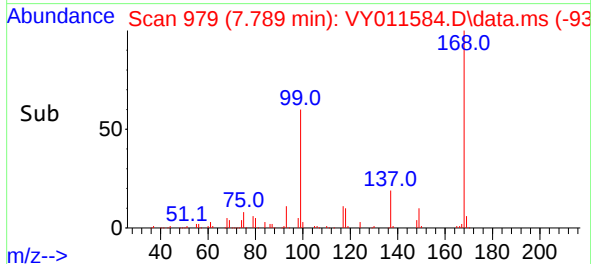
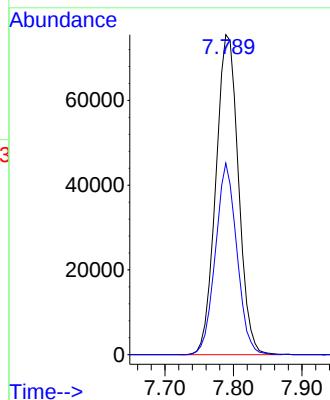
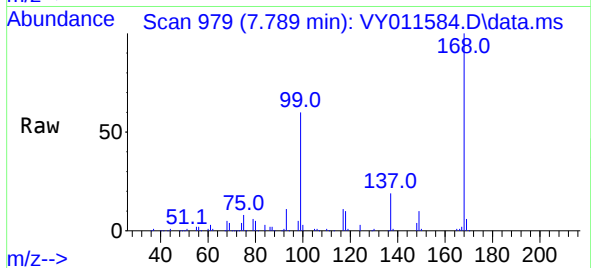




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

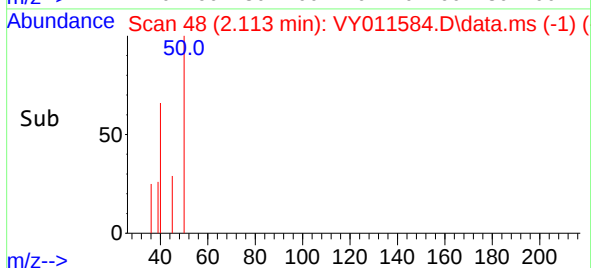
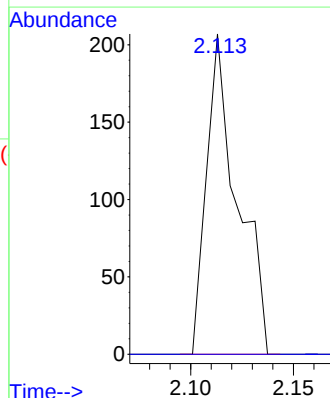
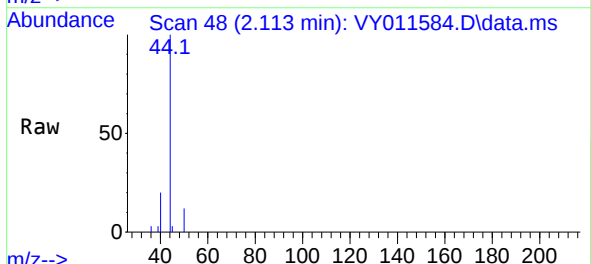
Instrument :
MSVOA_Y
ClientSampleId :

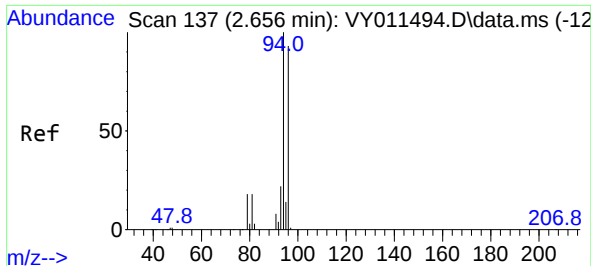
Tgt Ion:168 Resp: 172834
Ion Ratio Lower Upper
168 100
99 59.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

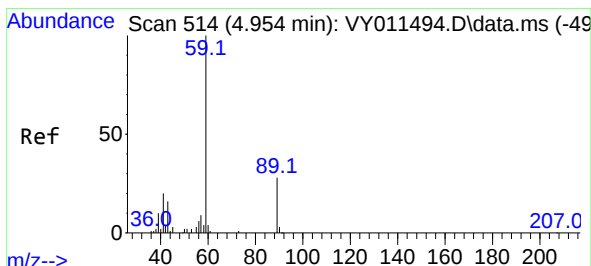
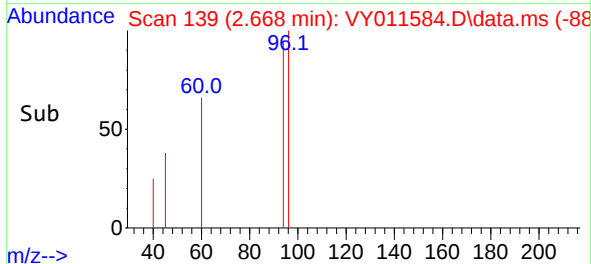
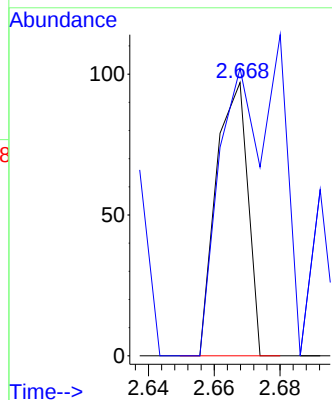
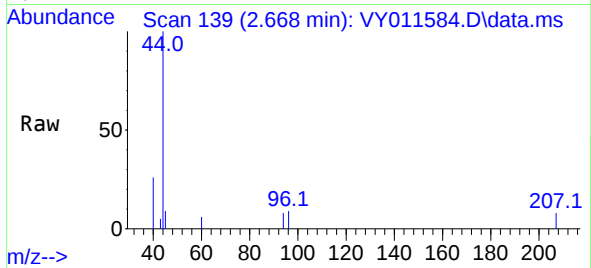




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

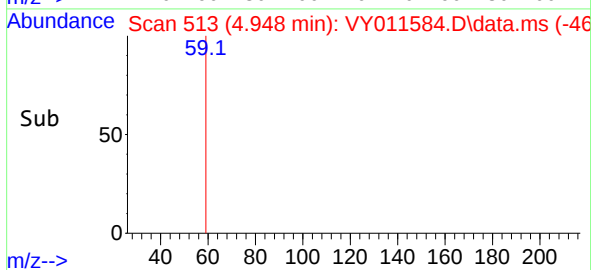
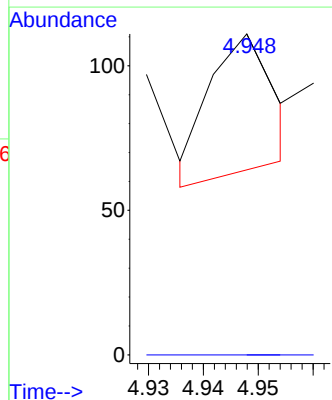
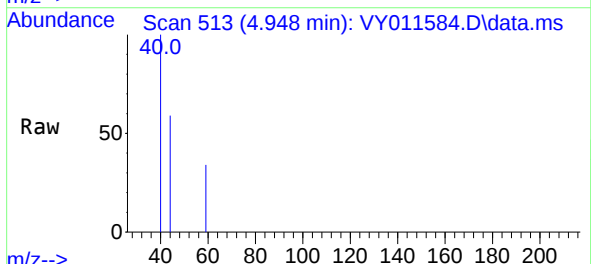
Instrument :
MSVOA_Y
ClientSampleId :

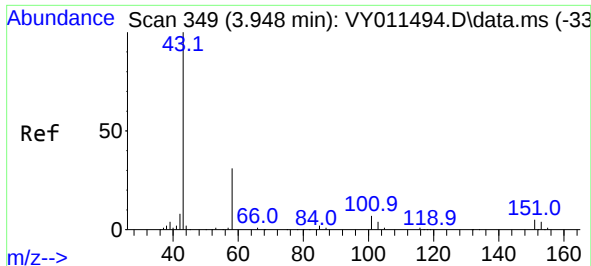
Tgt Ion: 94 Resp: 64
Ion Ratio Lower Upper
94 100
96 105.2 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 59 Resp: 39
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

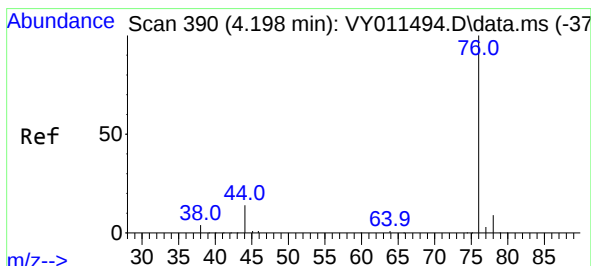
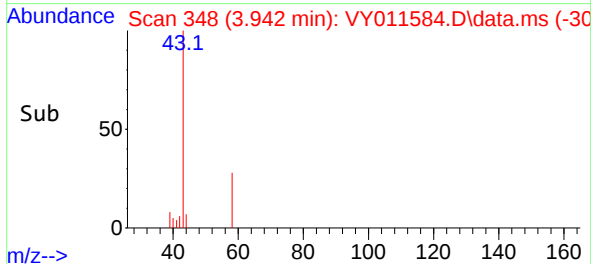
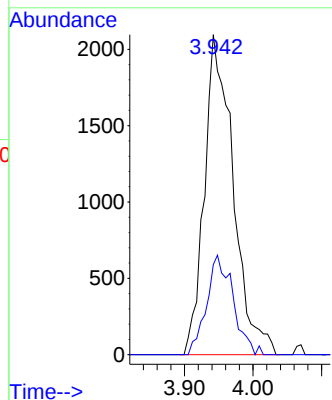
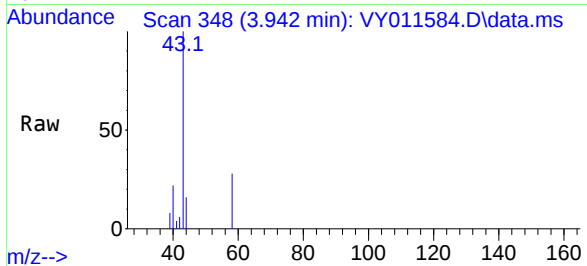




#16
Acetone
Concen: 10.722 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

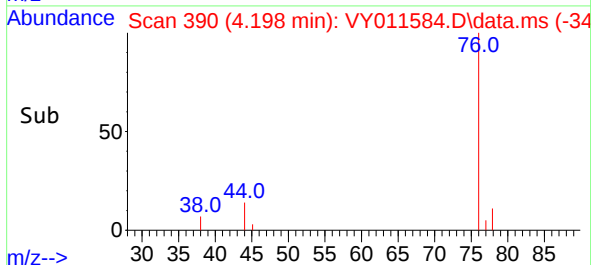
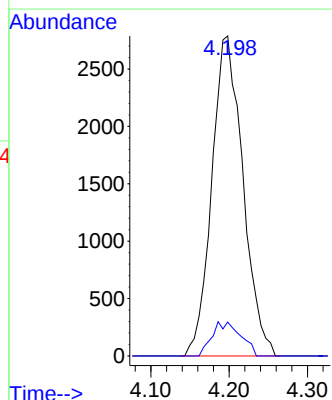
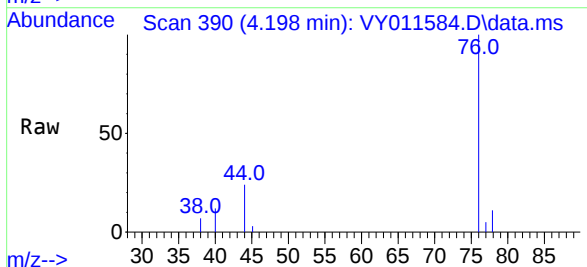
Instrument :
MSVOA_Y
ClientSampleId :

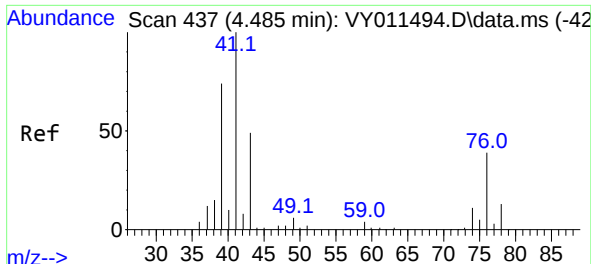
Tgt Ion: 43 Resp: 6112
Ion Ratio Lower Upper
43 100
58 28.1 22.0 33.0



#17
Carbon Disulfide
Concen: 1.824 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 76 Resp: 7678
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. -0.013 min

Lab File: VY011584.D

Acq: 23 Nov 2022 18:41

Instrument :

MSVOA_Y

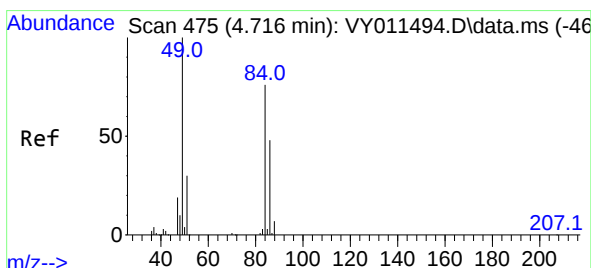
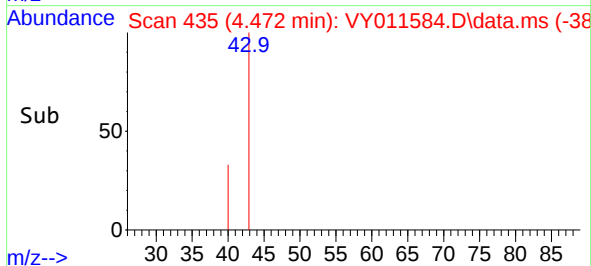
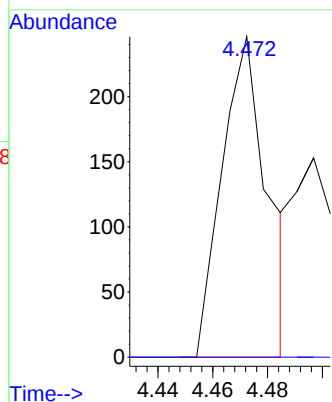
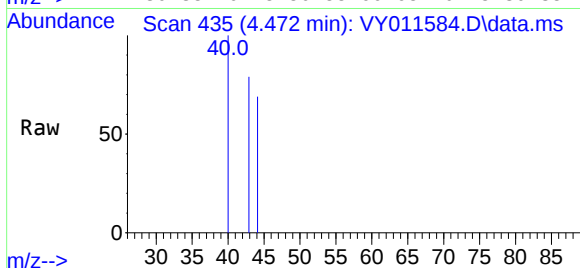
ClientSampleId :

Tgt Ion: 43 Resp: 282

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011584.D

Acq: 23 Nov 2022 18:41

Tgt Ion: 84 Resp: 21150

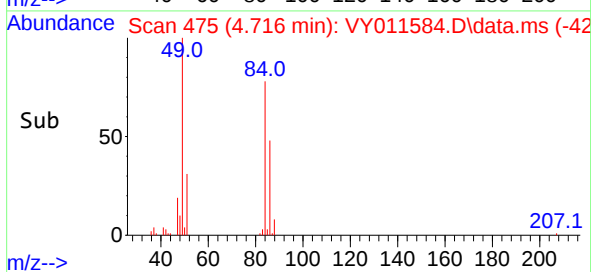
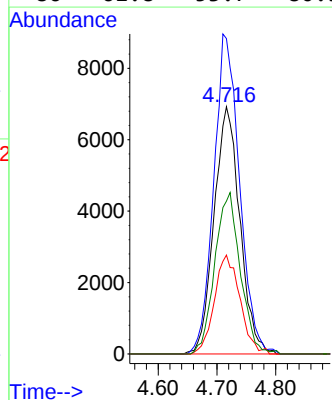
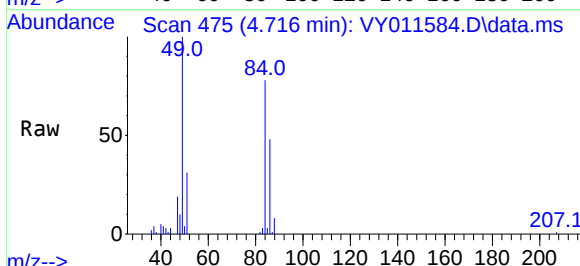
Ion Ratio Lower Upper

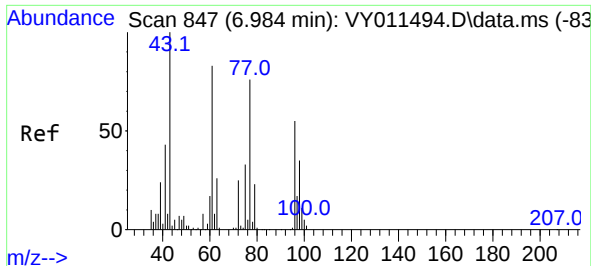
84 100

49 127.5 114.4 171.6

51 40.0 35.3 52.9

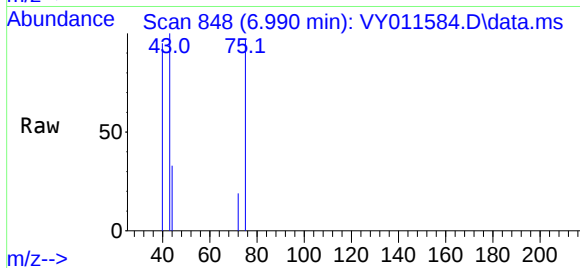
86 61.8 53.7 80.5



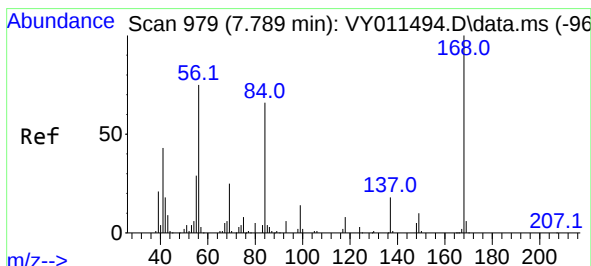
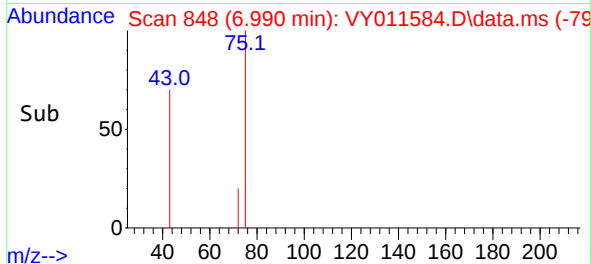
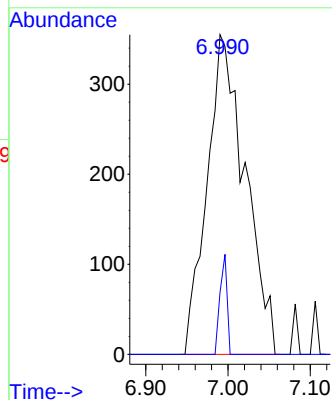


#25
2-Butanone
Concen: 1.530 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :

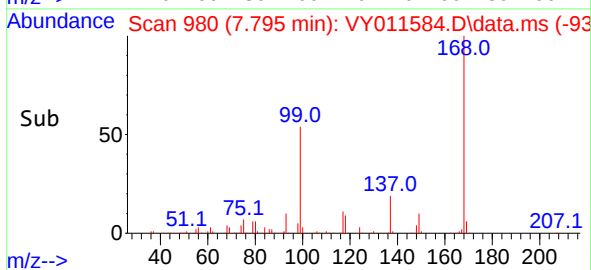
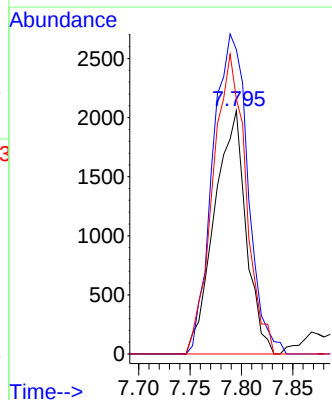
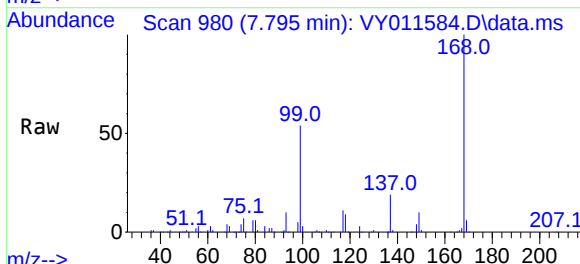


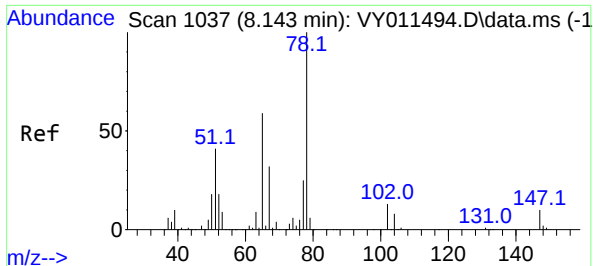
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
72 19.4 17.7 26.5



#31
Cyclohexane
Concen: 1.513 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 56 Resp: 4401
Ion Ratio Lower Upper
56 100
69 125.2 26.7 40.1#
84 104.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 69.722 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011584.D

Acq: 23 Nov 2022 18:41

Instrument :

MSVOA_Y

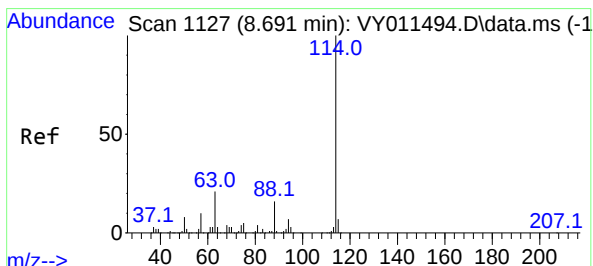
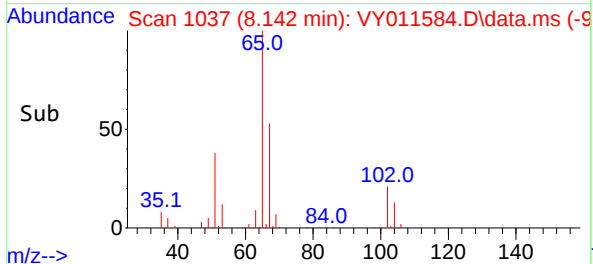
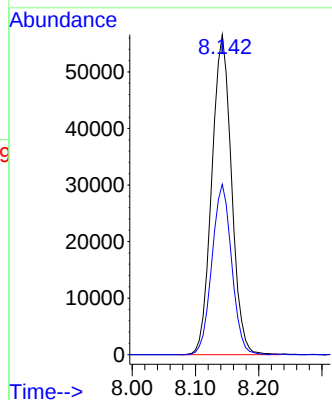
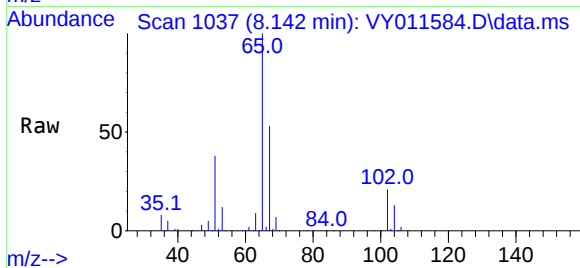
ClientSampleId :

Tgt Ion: 65 Resp: 122358

Ion Ratio Lower Upper

65 100

67 53.1 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: VY011584.D

Acq: 23 Nov 2022 18:41

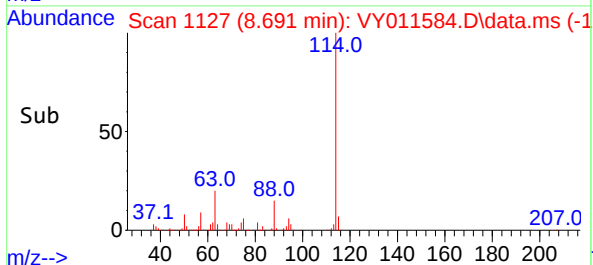
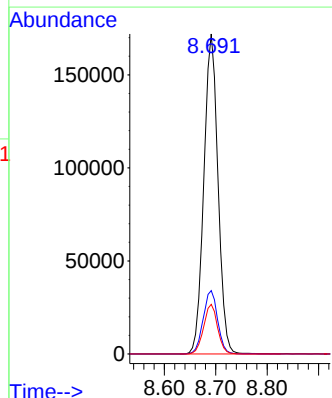
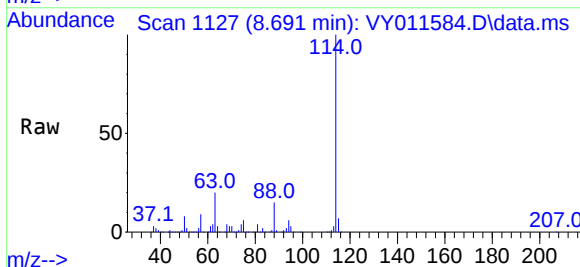
Tgt Ion: 114 Resp: 328110

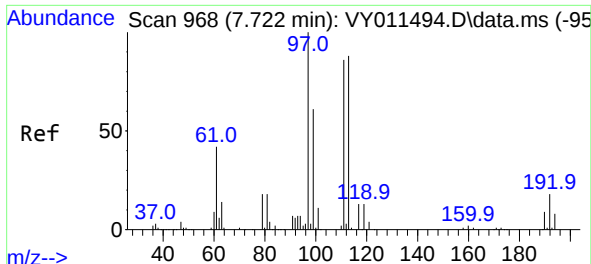
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

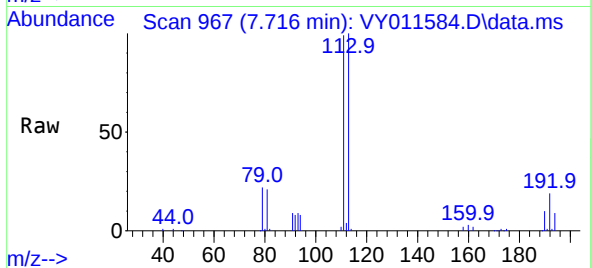
88 15.5 0.0 31.8



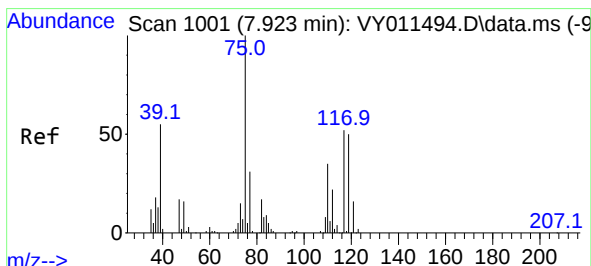
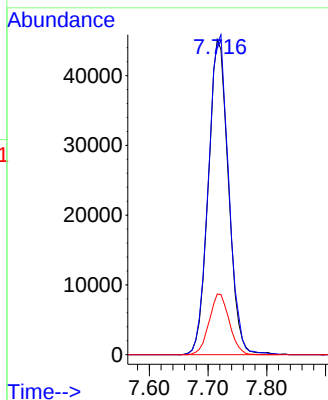
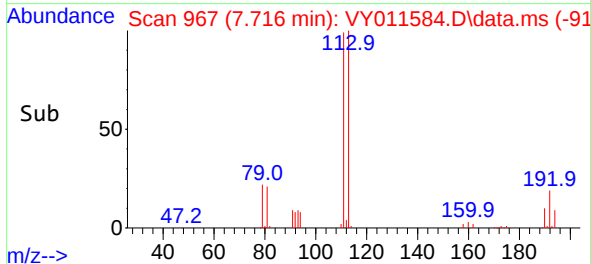


#35
Dibromofluoromethane
Concen: 53.196 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :

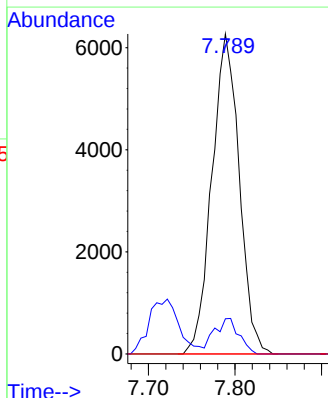
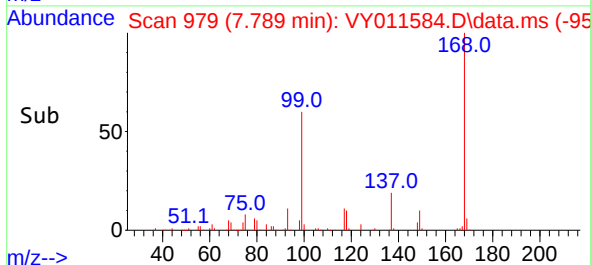
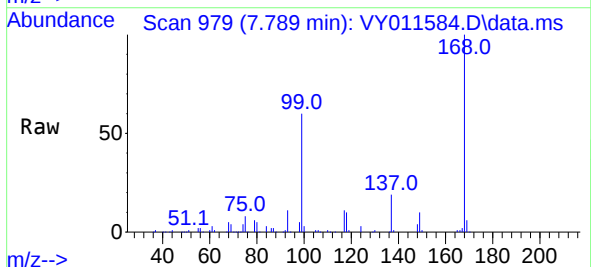


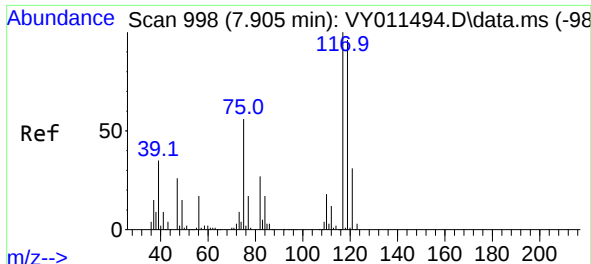
Tgt Ion:113 Resp: 107447
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 19.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.344 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

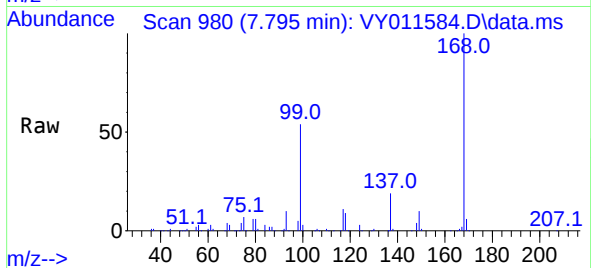
Tgt Ion: 75 Resp: 13716
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



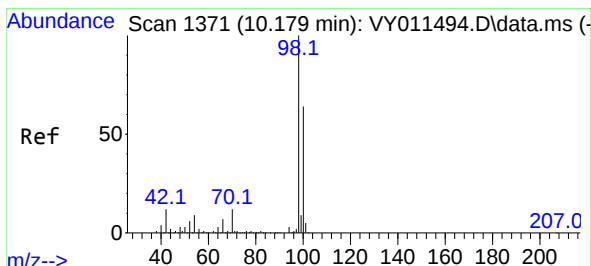
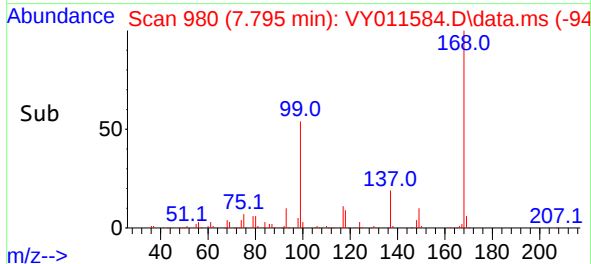
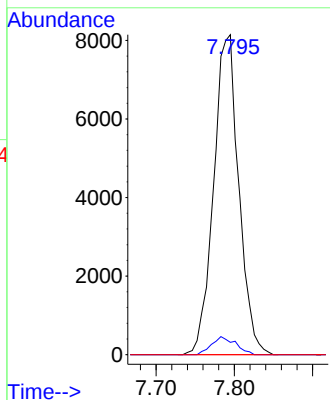


#38
Carbon Tetrachloride
Concen: 5.145 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :

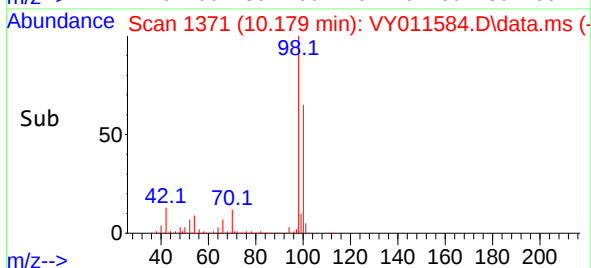
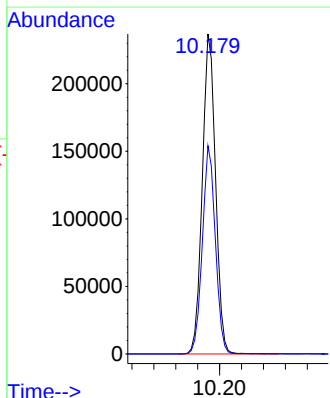
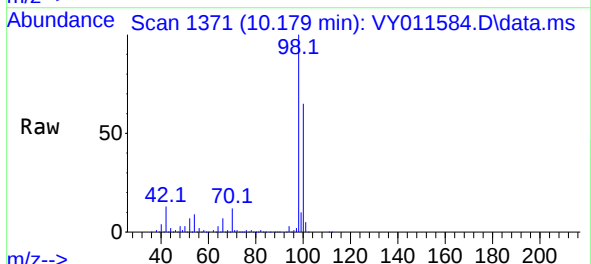


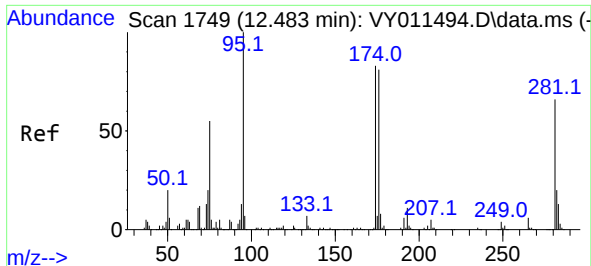
Tgt Ion:117 Resp: 18173
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.930 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 98 Resp: 395835
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

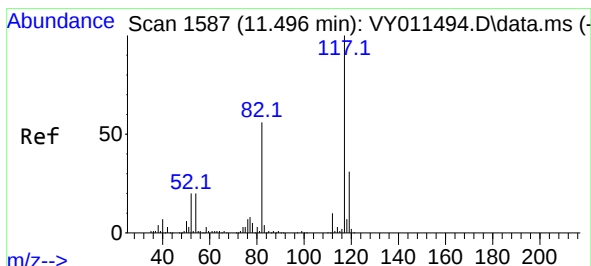
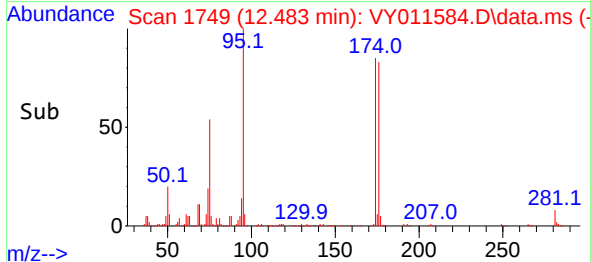
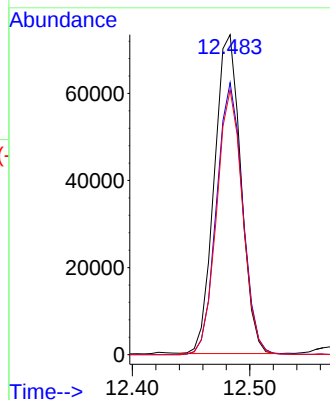
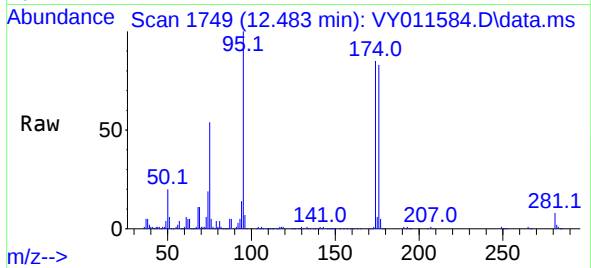




#62
4-Bromofluorobenzene
Concen: 42.396 ug/l
RT: 12.483 min Scan# 115054
Delta R.T. 0.000 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

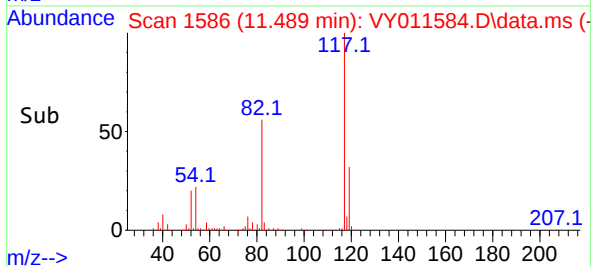
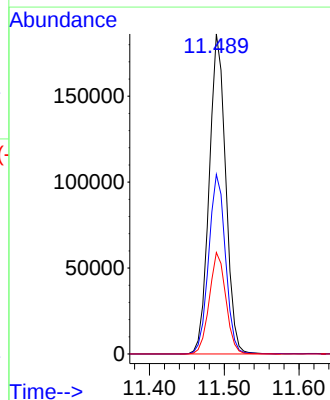
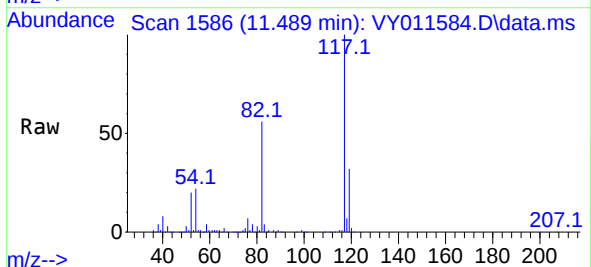
Instrument :
MSVOA_Y
ClientSampleId :

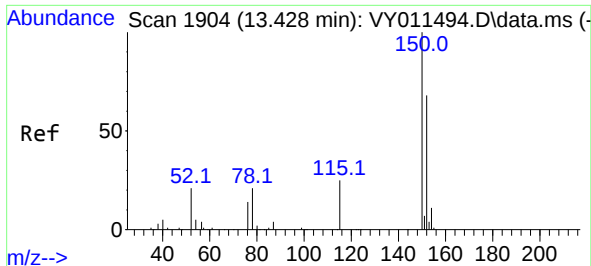
Tgt Ion: 95 Resp: 115054
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

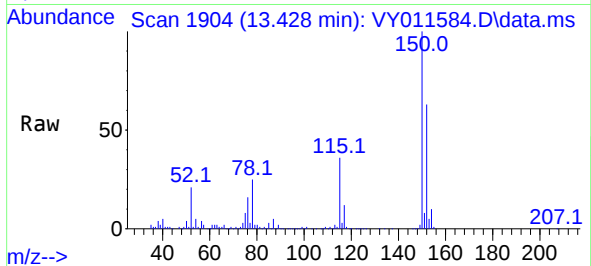
Tgt Ion: 117 Resp: 286631
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 31.7 25.4 38.0



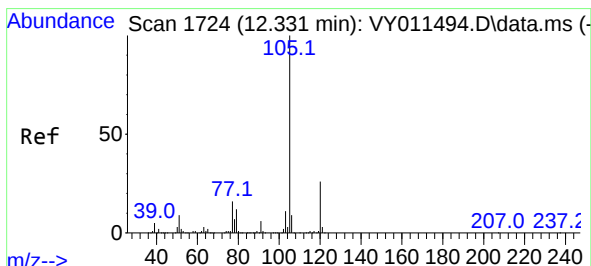
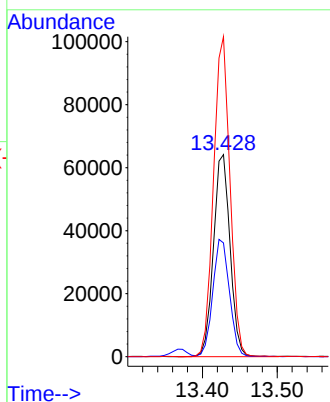
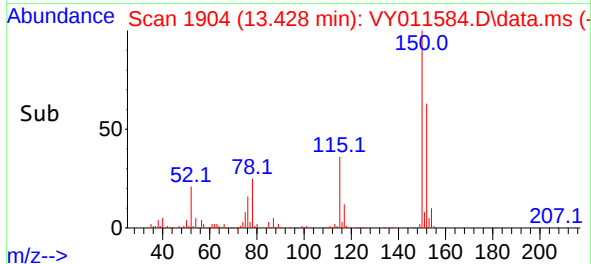


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

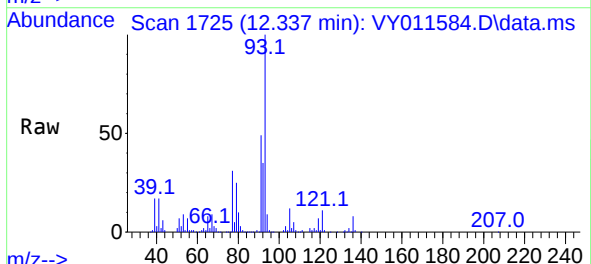
Instrument :
MSVOA_Y
ClientSampleId :



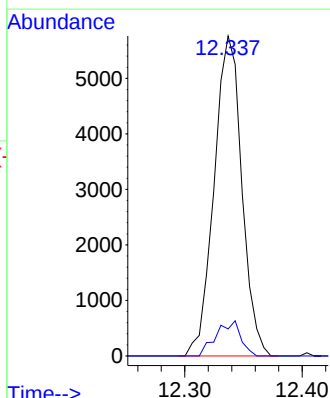
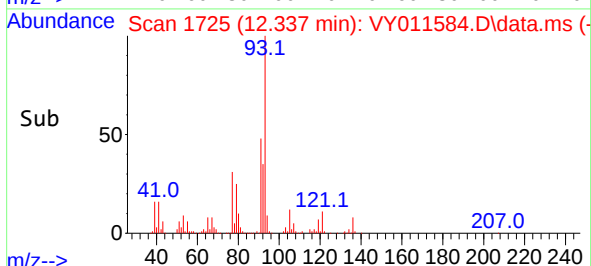
Tgt Ion:152 Resp: 99209
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 156.9 0.0 347.6

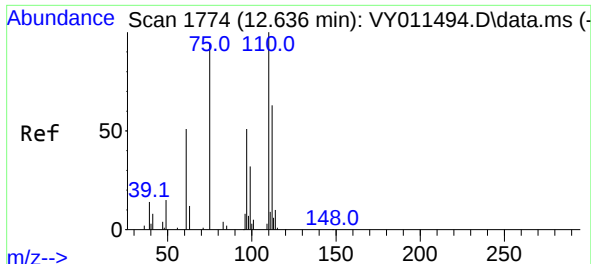


#73
Isopropylbenzene
Concen: 1.316 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41



Tgt Ion:105 Resp: 9442
Ion Ratio Lower Upper
105 100
120 9.7 13.4 40.2#

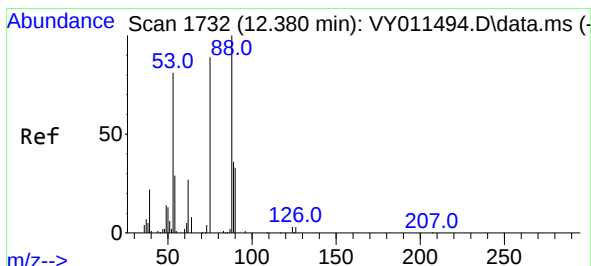
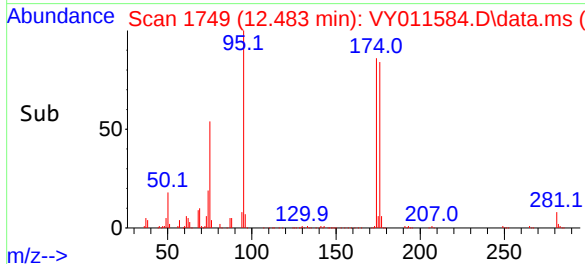
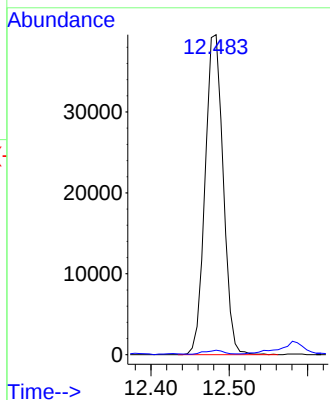
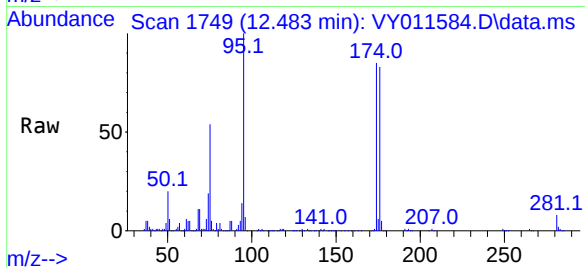




#76
1,2,3-Trichloropropane
Concen: 59.233 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

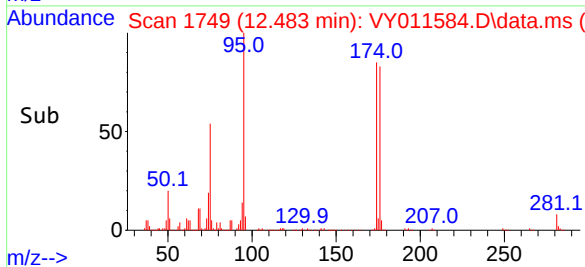
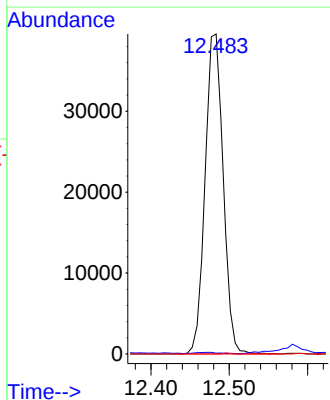
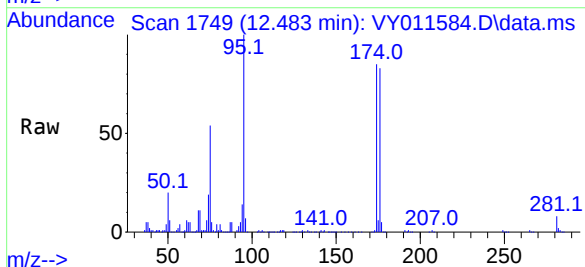
Instrument :
MSVOA_Y
ClientSampleId :

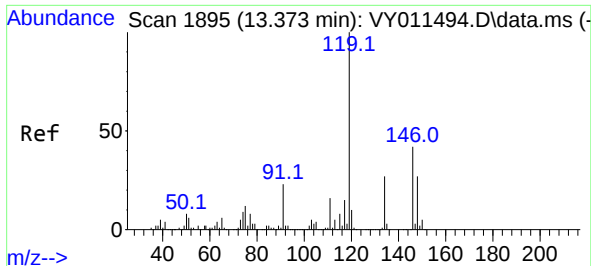
Tgt Ion: 75 Resp: 63285
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.739 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion: 75 Resp: 63285
Ion Ratio Lower Upper
75 100
53 0.7 85.3 127.9#
89 0.1 37.0 55.4#

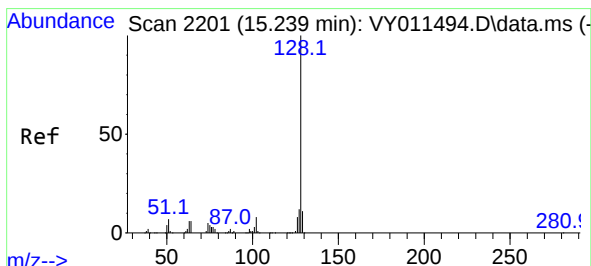
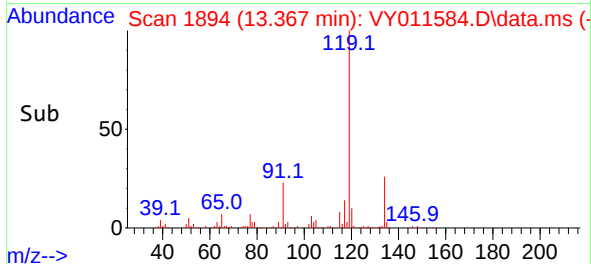
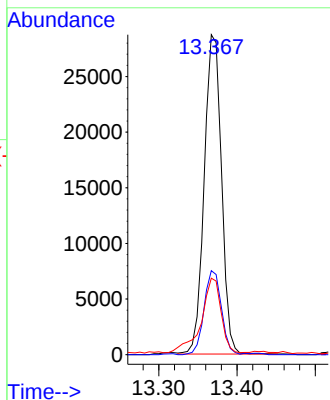
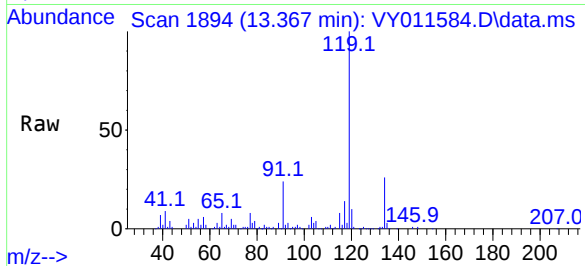




#86
p-Isopropyltoluene
Concen: 6.689 ug/l
RT: 13.367 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	119	Resp:	43882
Ion Ratio	Lower	Upper	
119	100		
134	26.3	13.2	39.5
91	26.7	12.4	37.2



#95
Naphthalene
Concen: 4.985 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY011584.D
Acq: 23 Nov 2022 18:41

Tgt Ion:	128	Resp:	3689
Ion Ratio	Lower	Upper	
128	100		
127	20.4	11.0	16.4#
129	15.0	8.4	12.6#

