

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011586.D
 Acq On : 23 Nov 2022 19:28
 Operator : KP/MD
 Sample : N5772-03
 Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:39:49 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)

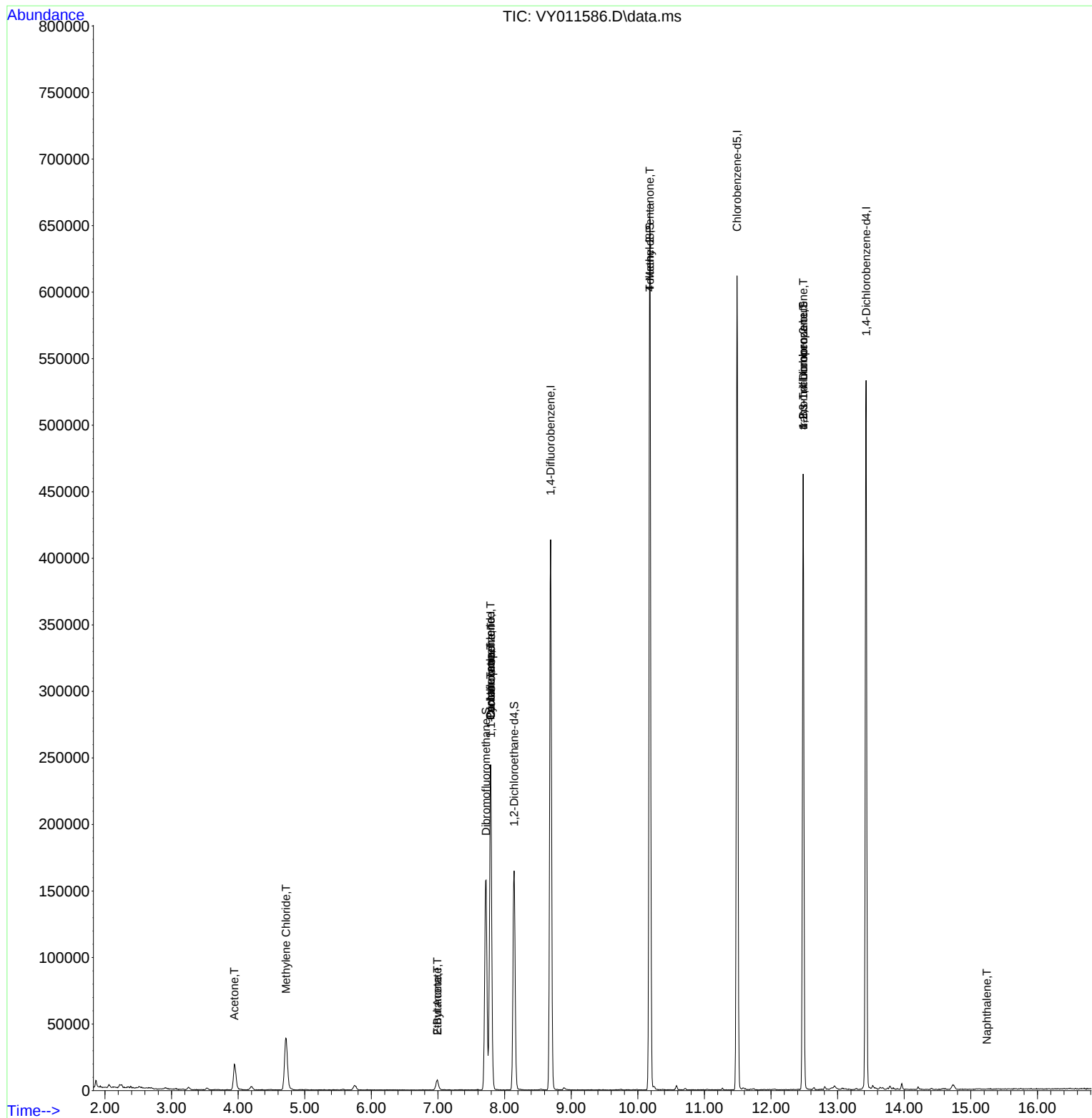
Internal Standards						
1) Pentafluorobenzene	7.789	168	183790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	131287	70.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.700%	
35) Dibromofluoromethane	7.722	113	113132	53.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.179	98	425813	55.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.820%	
62) 4-Bromofluorobenzene	12.483	95	130696	45.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	159	Below Cal	#	44
11) Tert butyl alcohol	4.942	59	627	Below Cal	#	77
16) Acetone	3.942	43	34382	56.720	ug/l	95
18) Methyl Acetate	4.472	43	367	Below Cal		93
20) Methylene Chloride	4.716	84	29334	2.704	ug/l	91
25) 2-Butanone	6.990	43	11373	14.276	ug/l #	89
31) Cyclohexane	7.789	56	4189	1.354	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14762	4.466	ug/l #	51
37) Ethyl Acetate	6.990	43	11373	6.042	ug/l #	72
38) Carbon Tetrachloride	7.789	117	18839	5.094	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1955	1.036	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	70152	49.746	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70152	108.960	ug/l #	7
95) Naphthalene	15.239	128	315	4.083	ug/l #	80

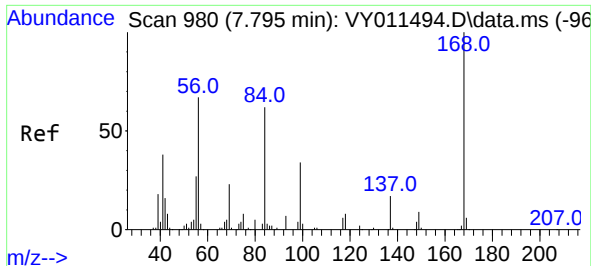
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
Data File : VY011586.D
Acq On : 23 Nov 2022 19:28
Operator : KP/MD
Sample : N5772-03
Misc : 6.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

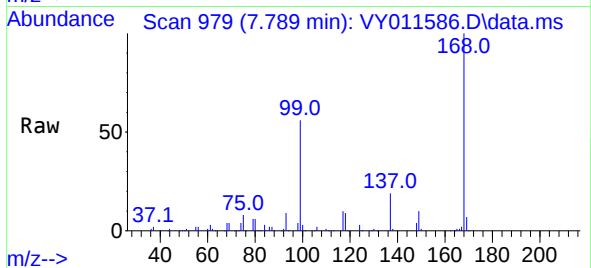
Quant Time: Nov 24 00:39:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration



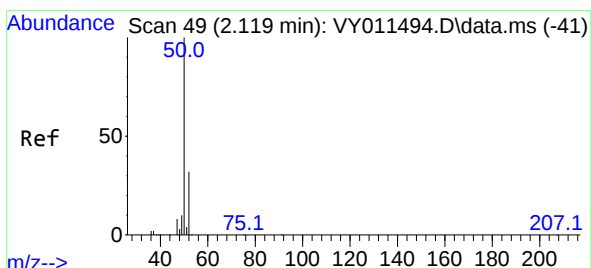
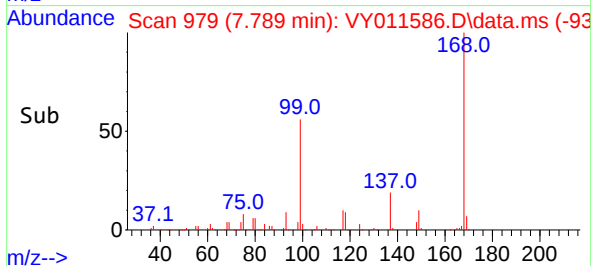
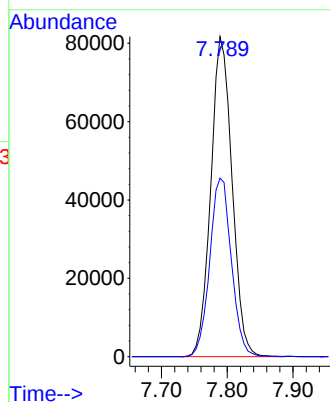


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :

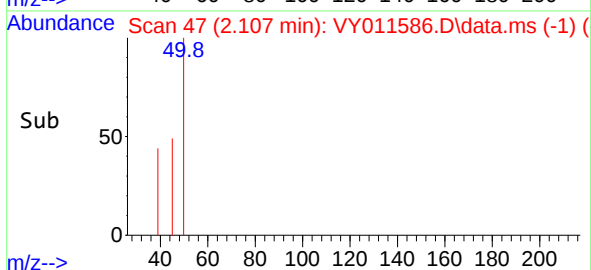
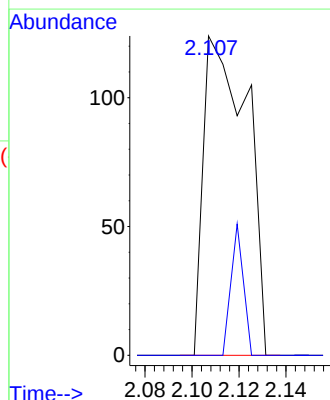
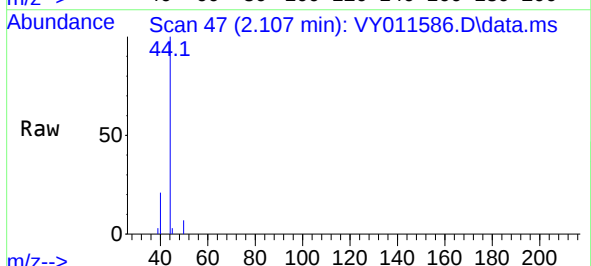


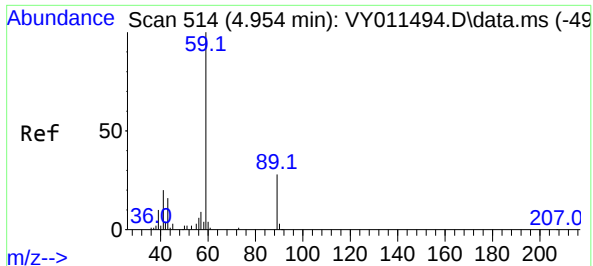
Tgt Ion:168 Resp: 183790
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

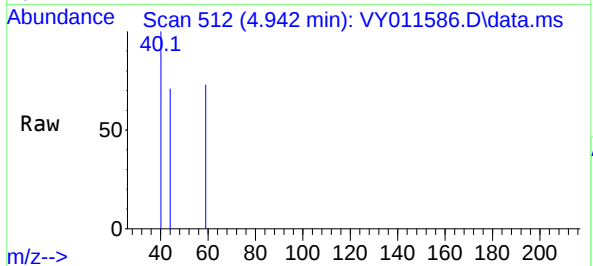
Tgt Ion: 50 Resp: 159
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



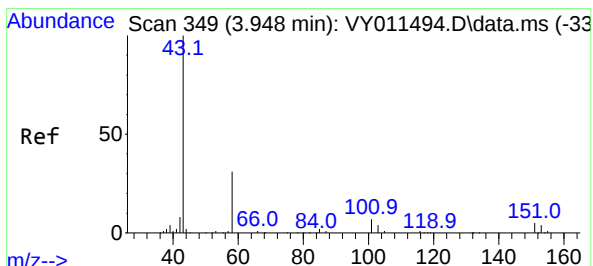
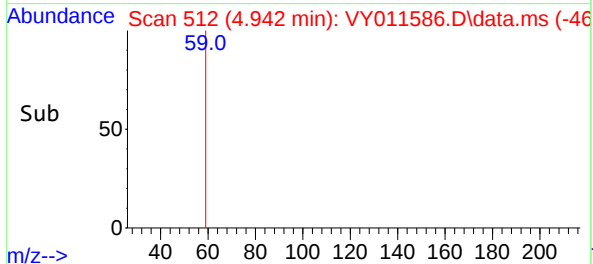
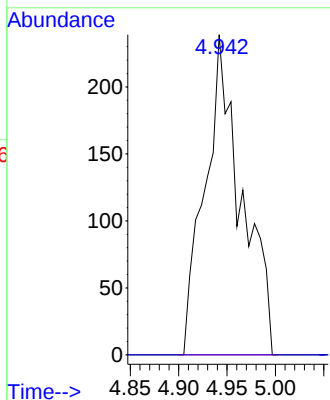


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :

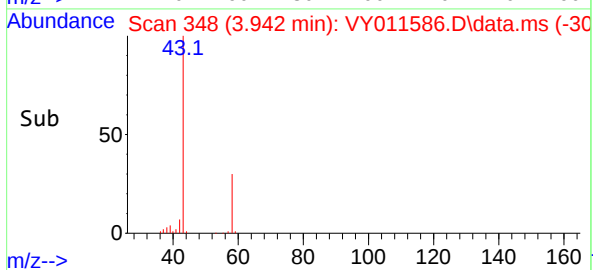
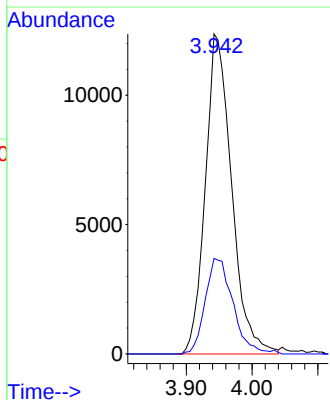
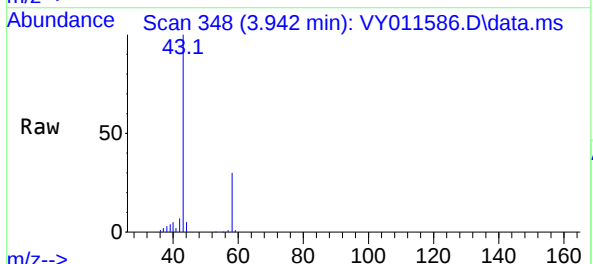


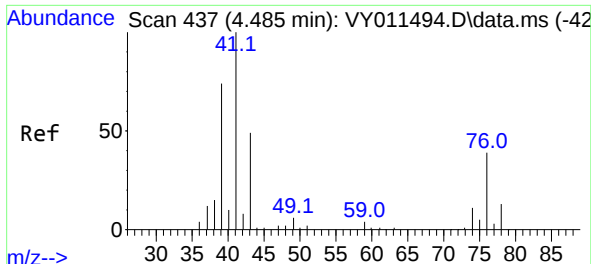
Tgt Ion: 59 Resp: 627
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 56.720 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion: 43 Resp: 34382
Ion Ratio Lower Upper
43 100
58 29.9 22.0 33.0

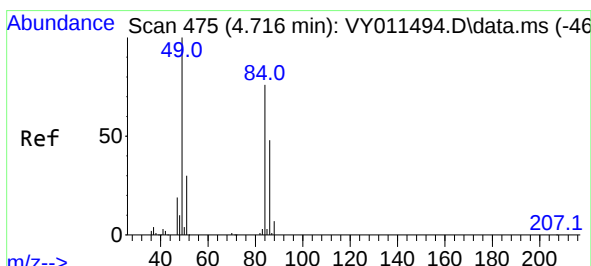
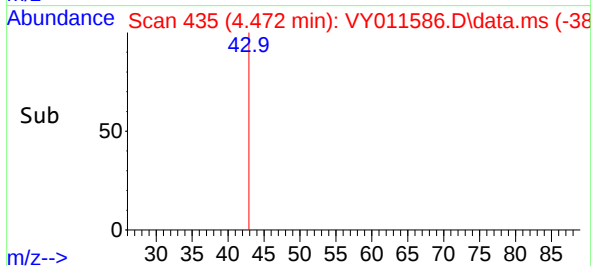
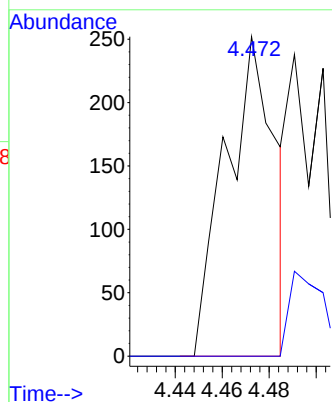
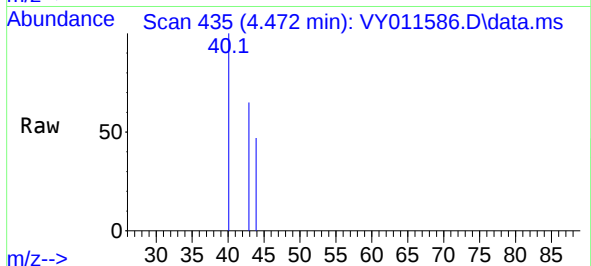




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

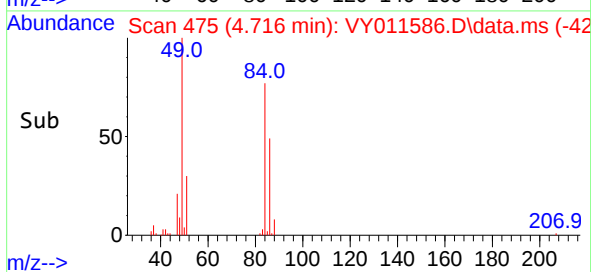
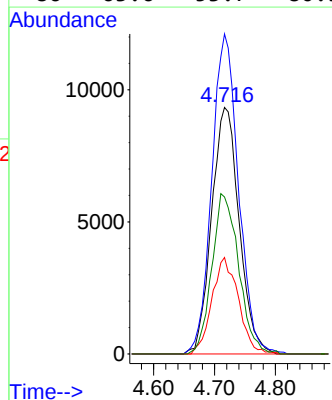
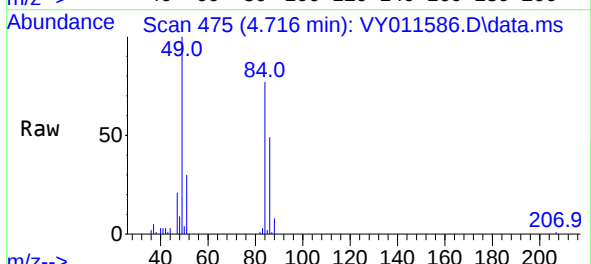
Instrument :
MSVOA_Y
ClientSampleId :

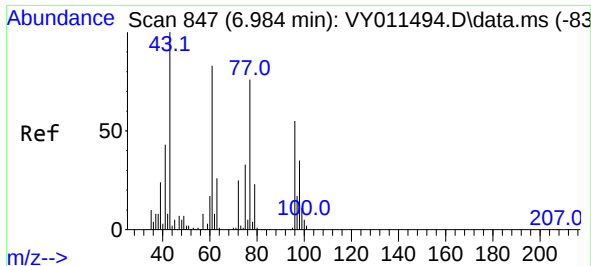
Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
74 17.4 16.6 24.8



#20
Methylene Chloride
Concen: 2.704 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion: 84 Resp: 29334
Ion Ratio Lower Upper
84 100
49 129.8 114.4 171.6
51 39.1 35.3 52.9
86 63.6 53.7 80.5





#25

2-Butanone

Concen: 14.276 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011586.D

Acq: 23 Nov 2022 19:28

Instrument :

MSVOA_Y

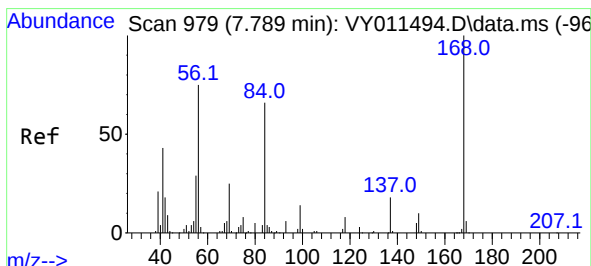
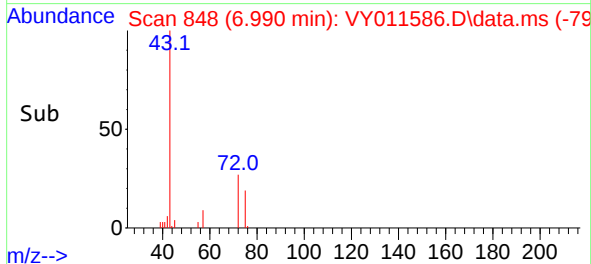
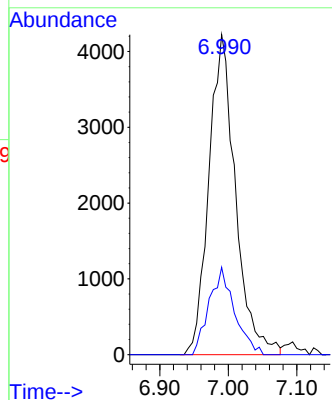
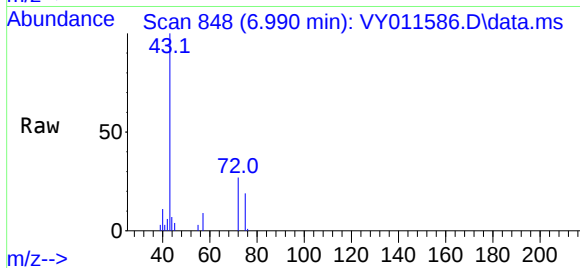
ClientSampleId :

Tgt Ion: 43 Resp: 11373

Ion Ratio Lower Upper

43 100

72 27.3 17.7 26.5#



#31

Cyclohexane

Concen: 1.354 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY011586.D

Acq: 23 Nov 2022 19:28

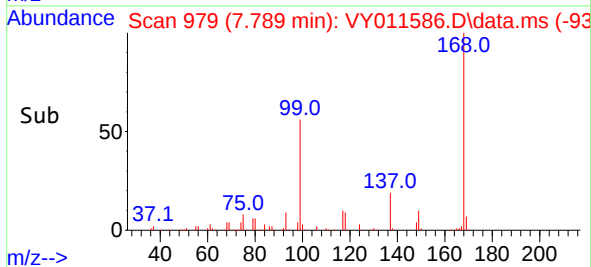
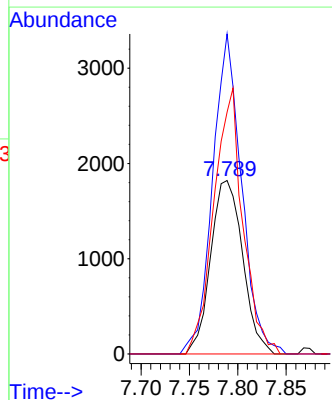
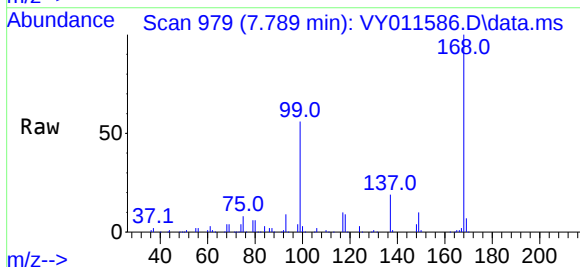
Tgt Ion: 56 Resp: 4189

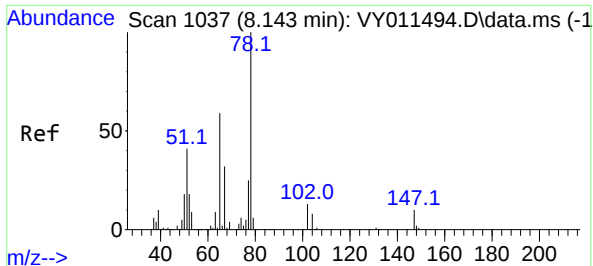
Ion Ratio Lower Upper

56 100

69 184.5 26.7 40.1#

84 139.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 70.350 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011586.D

Acq: 23 Nov 2022 19:28

Instrument :

MSVOA_Y

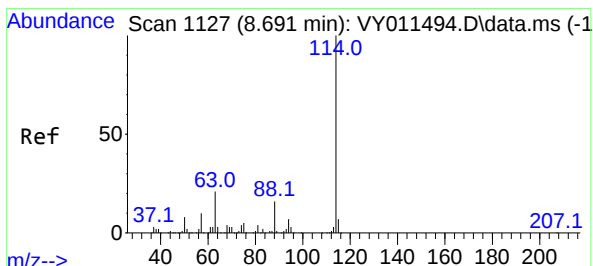
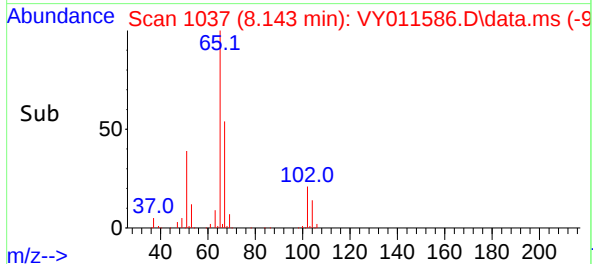
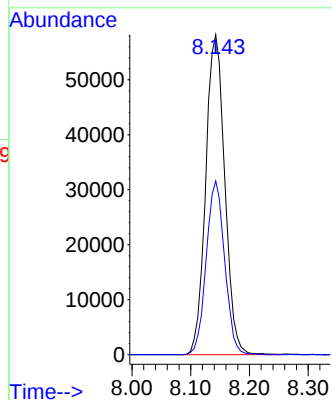
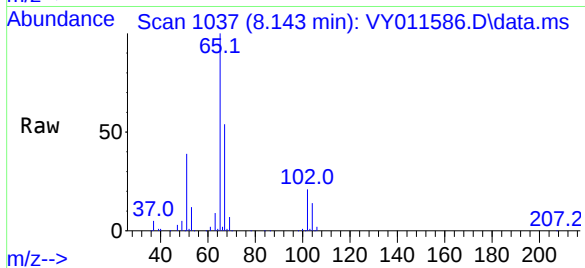
ClientSampleId :

Tgt Ion: 65 Resp: 131287

Ion Ratio Lower Upper

65 100

67 52.4 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: VY011586.D

Acq: 23 Nov 2022 19:28

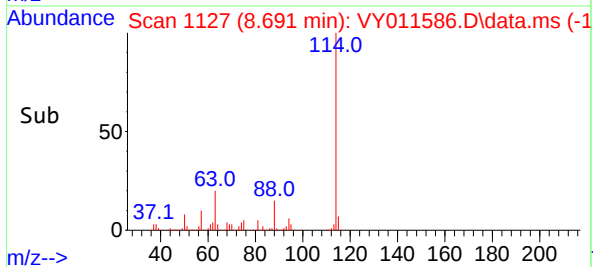
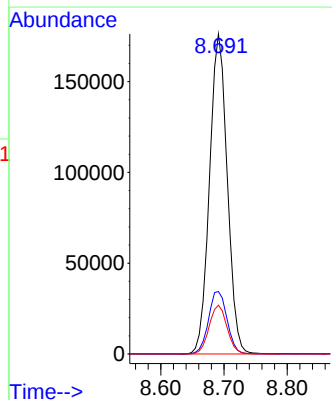
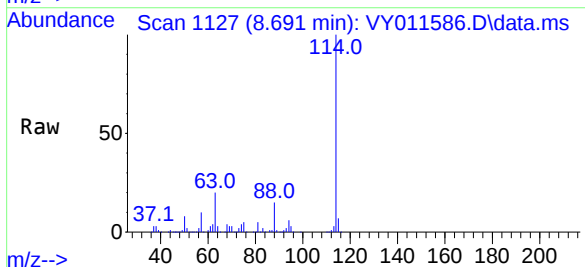
Tgt Ion: 114 Resp: 343528

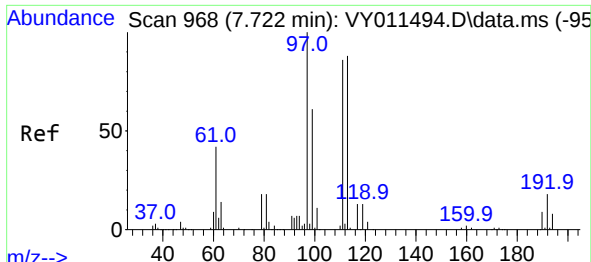
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

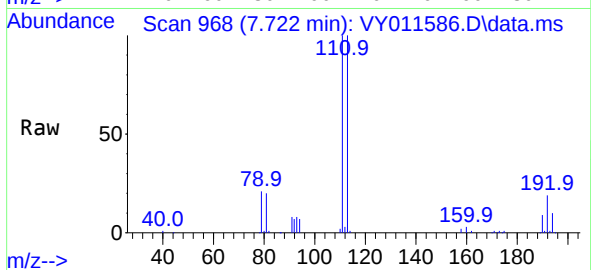
88 15.2 0.0 31.8



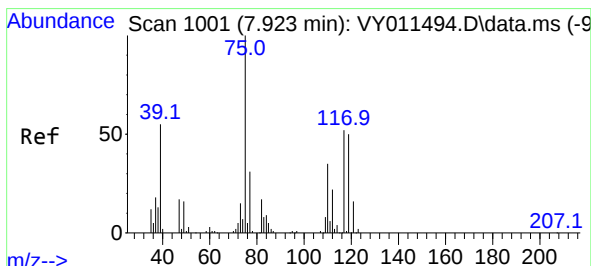
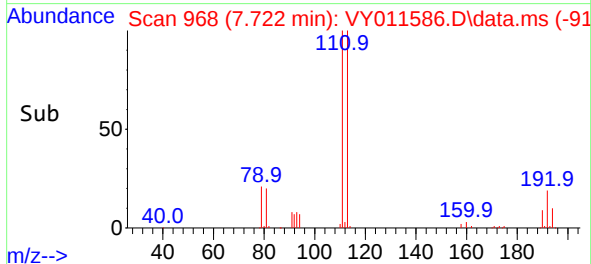
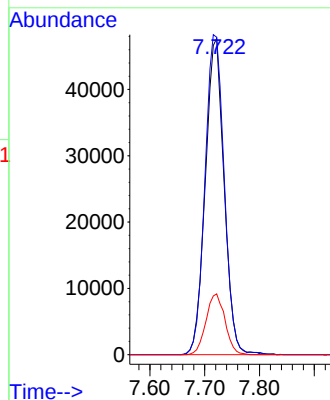


#35
Dibromofluoromethane
Concen: 53.497 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :

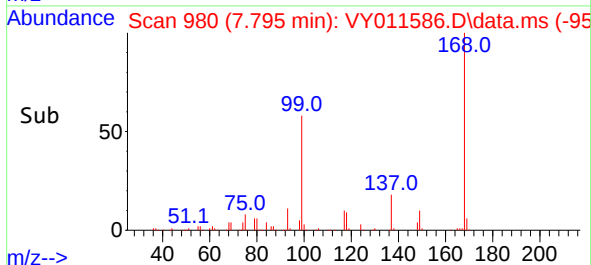
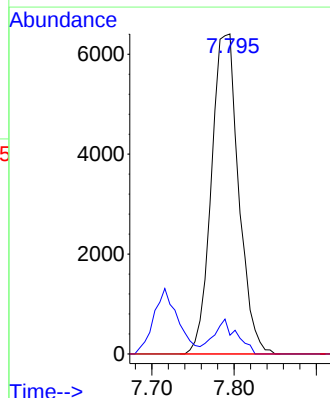
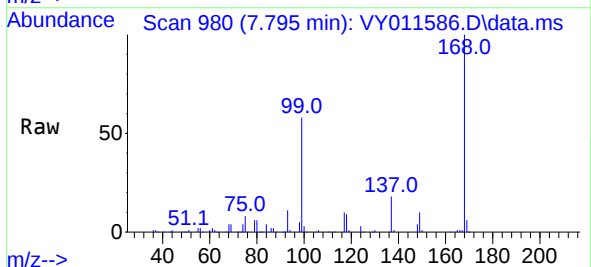


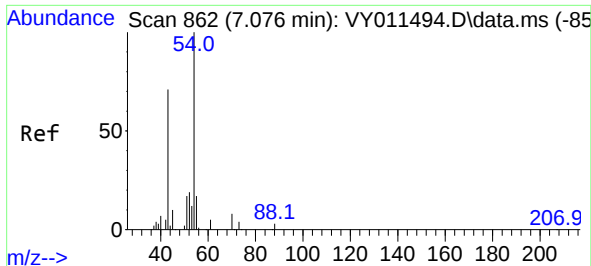
Tgt Ion:113 Resp: 113132
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 19.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion: 75 Resp: 14762
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 6.042 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.086 min

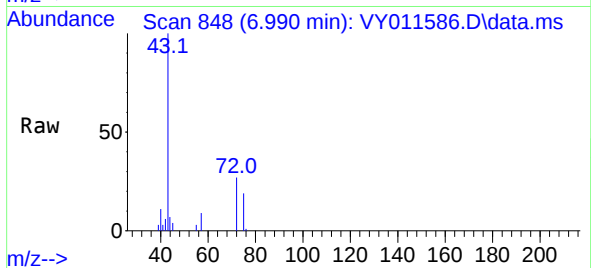
Lab File: VY011586.D

Acq: 23 Nov 2022 19:28

Instrument :

MSVOA_Y

ClientSampleId :



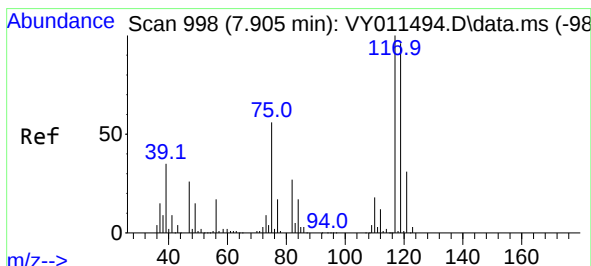
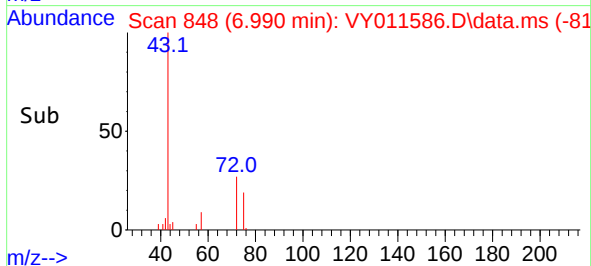
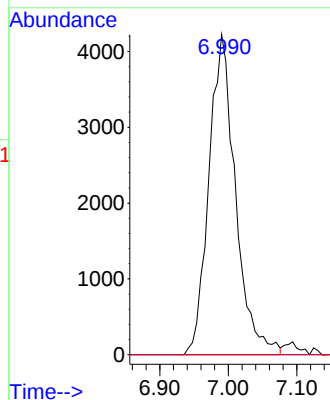
Tgt Ion: 43 Resp: 11373

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.094 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY011586.D

Acq: 23 Nov 2022 19:28

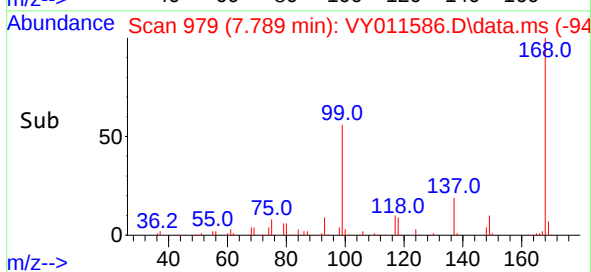
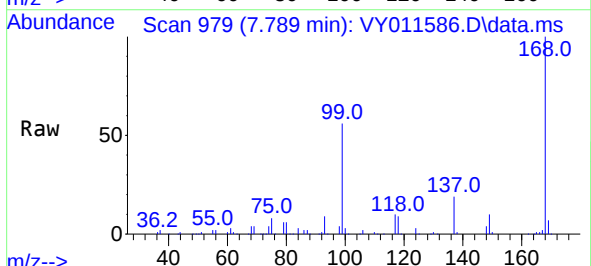
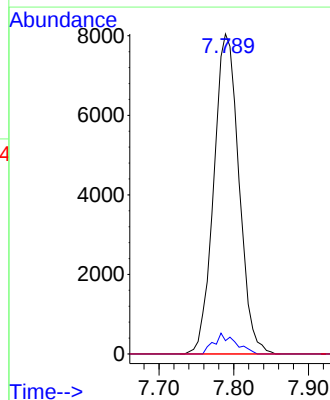
Tgt Ion: 117 Resp: 18839

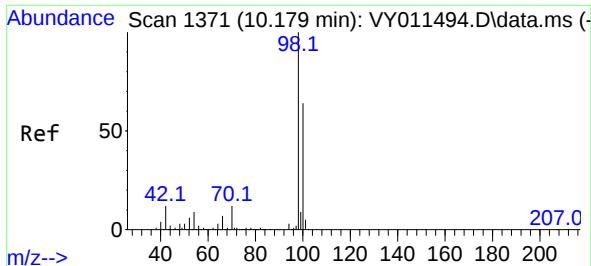
Ion Ratio Lower Upper

117 100

119 4.2 77.9 116.9#

121 0.0 24.8 37.2#

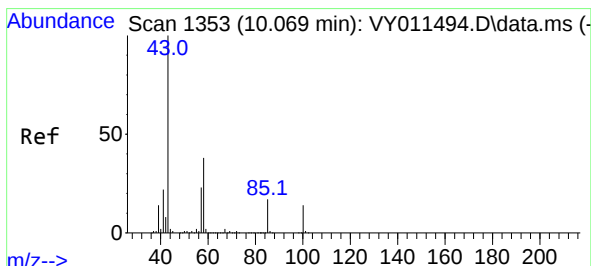
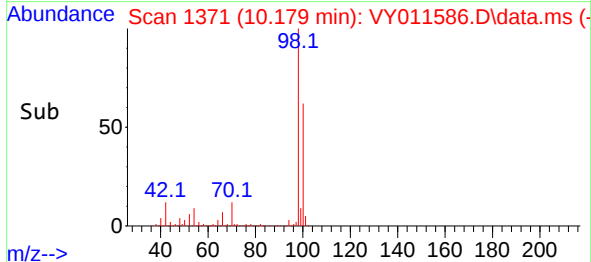
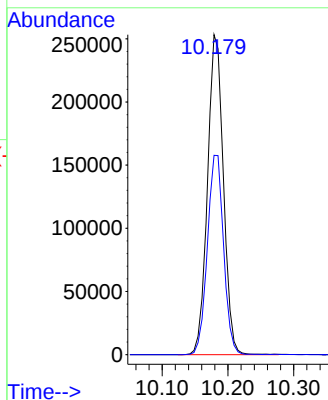
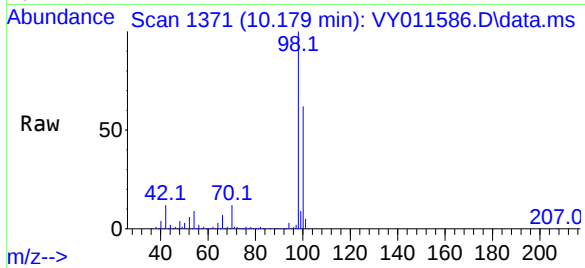




#50
Toluene-d8
Concen: 55.410 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

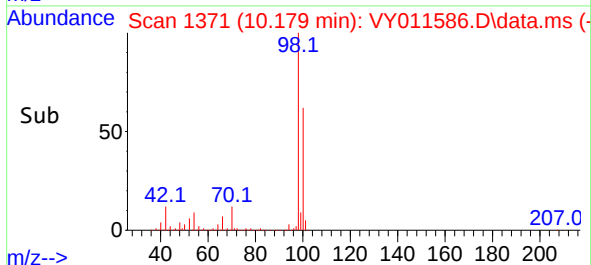
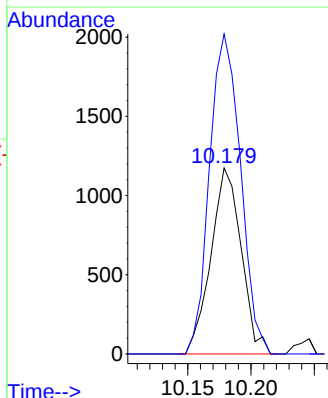
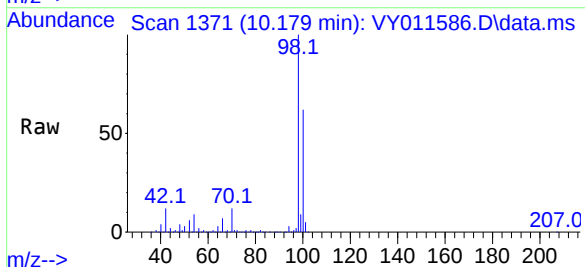
Instrument :
MSVOA_Y
ClientSampleId :

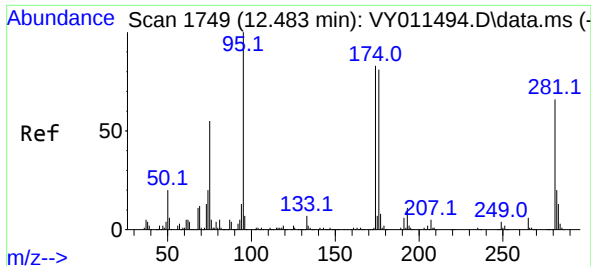
Tgt Ion: 98 Resp: 425813
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.036 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
58 176.1 28.1 42.1#

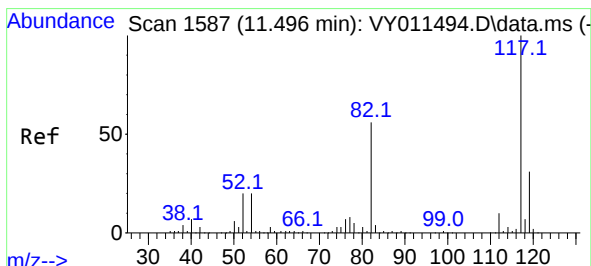
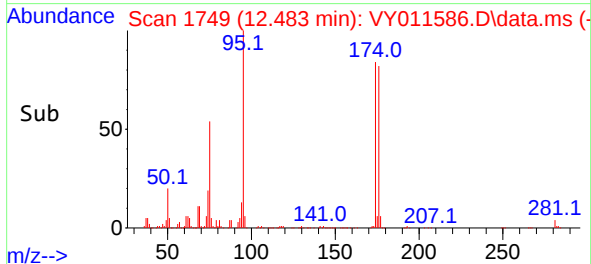
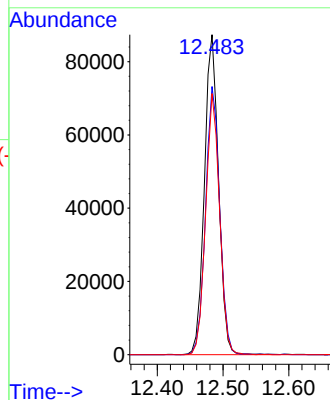
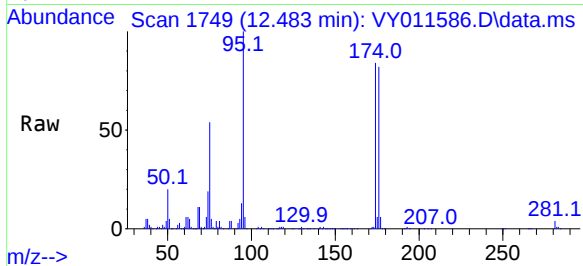




#62
4-Bromofluorobenzene
Concen: 45.999 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

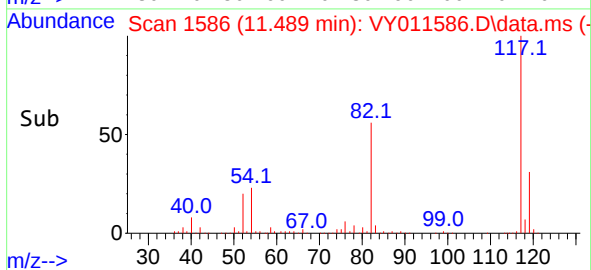
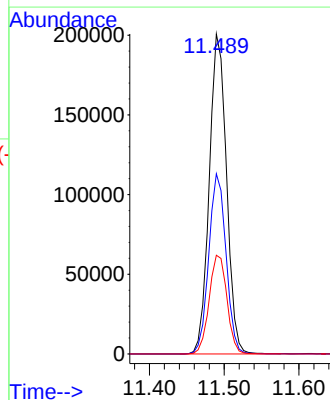
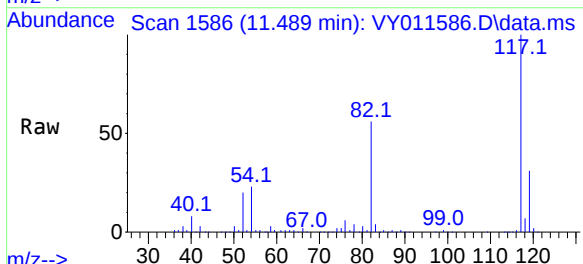
Instrument :
MSVOA_Y
ClientSampleId :

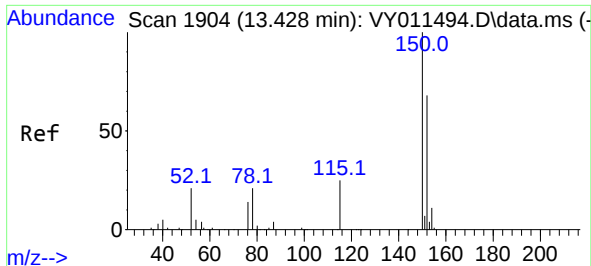
Tgt Ion: 95 Resp: 130696
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

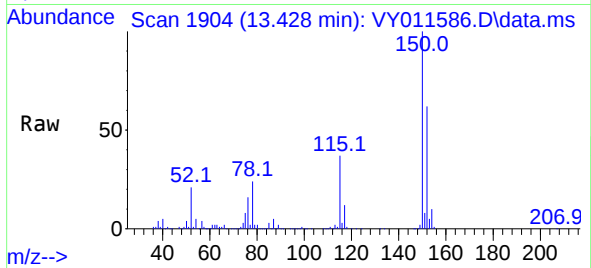
Tgt Ion: 117 Resp: 322467
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 30.9 25.4 38.0



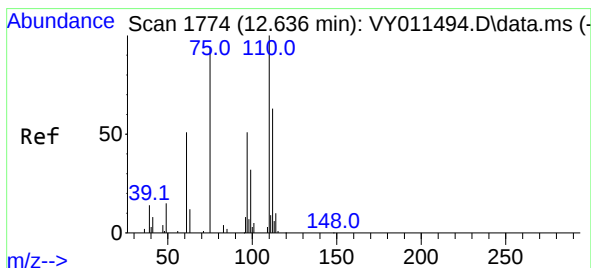
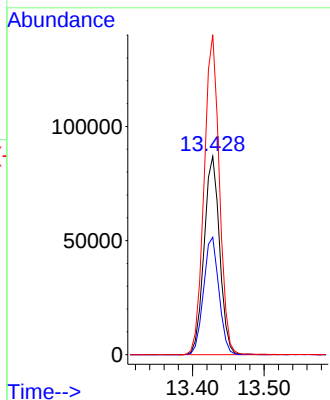
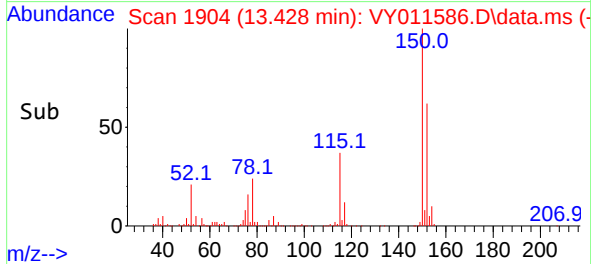


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :

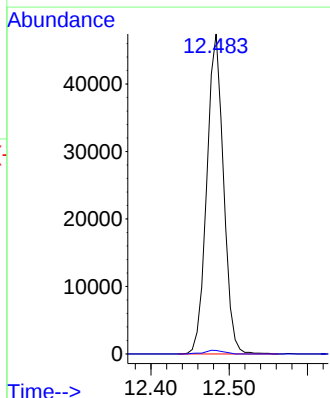
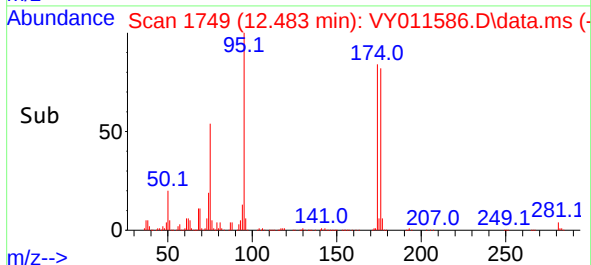
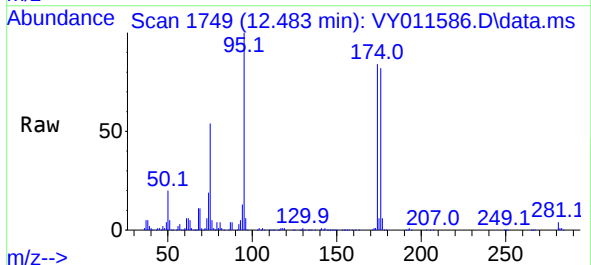


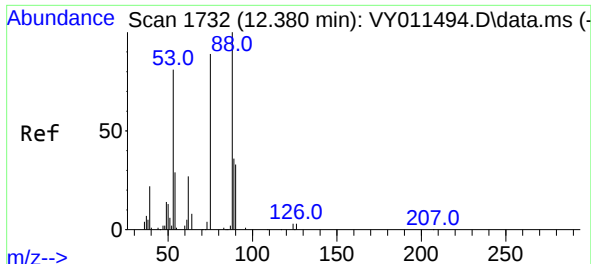
Tgt Ion:152 Resp: 130947
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.746 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion: 75 Resp: 70152
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

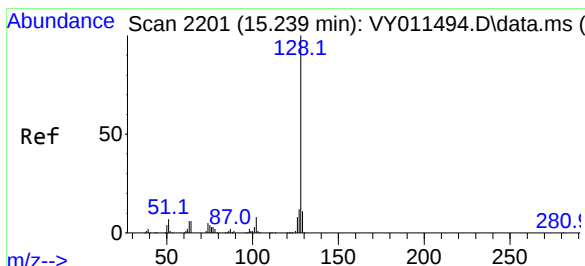
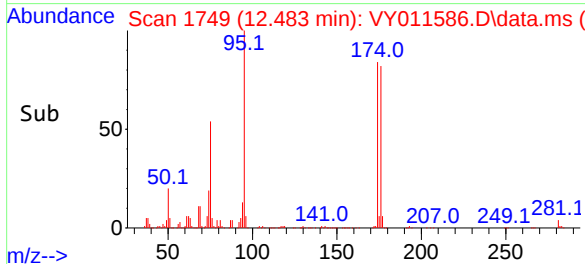
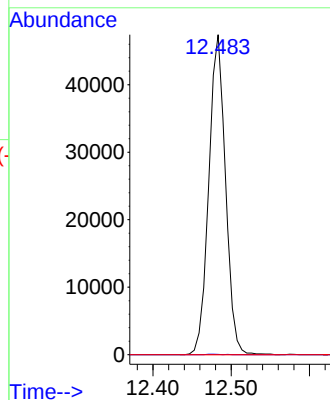
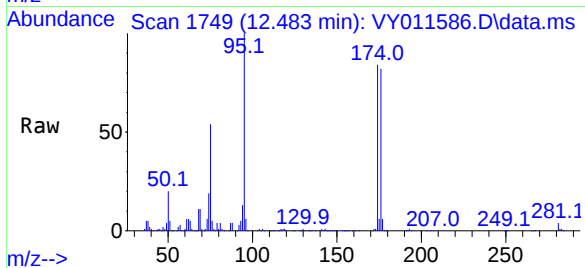




#81
trans-1,4-Dichloro-2-butene
Concen: 108.960 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 70152
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.083 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011586.D
Acq: 23 Nov 2022 19:28

Tgt Ion:128 Resp: 315
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 9.8 8.4 12.6

