

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011526.D
 Acq On : 21 Nov 2022 16:02
 Operator : KP/MD
 Sample : N5678-03RE
 Misc : 6.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 01:46:21 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)

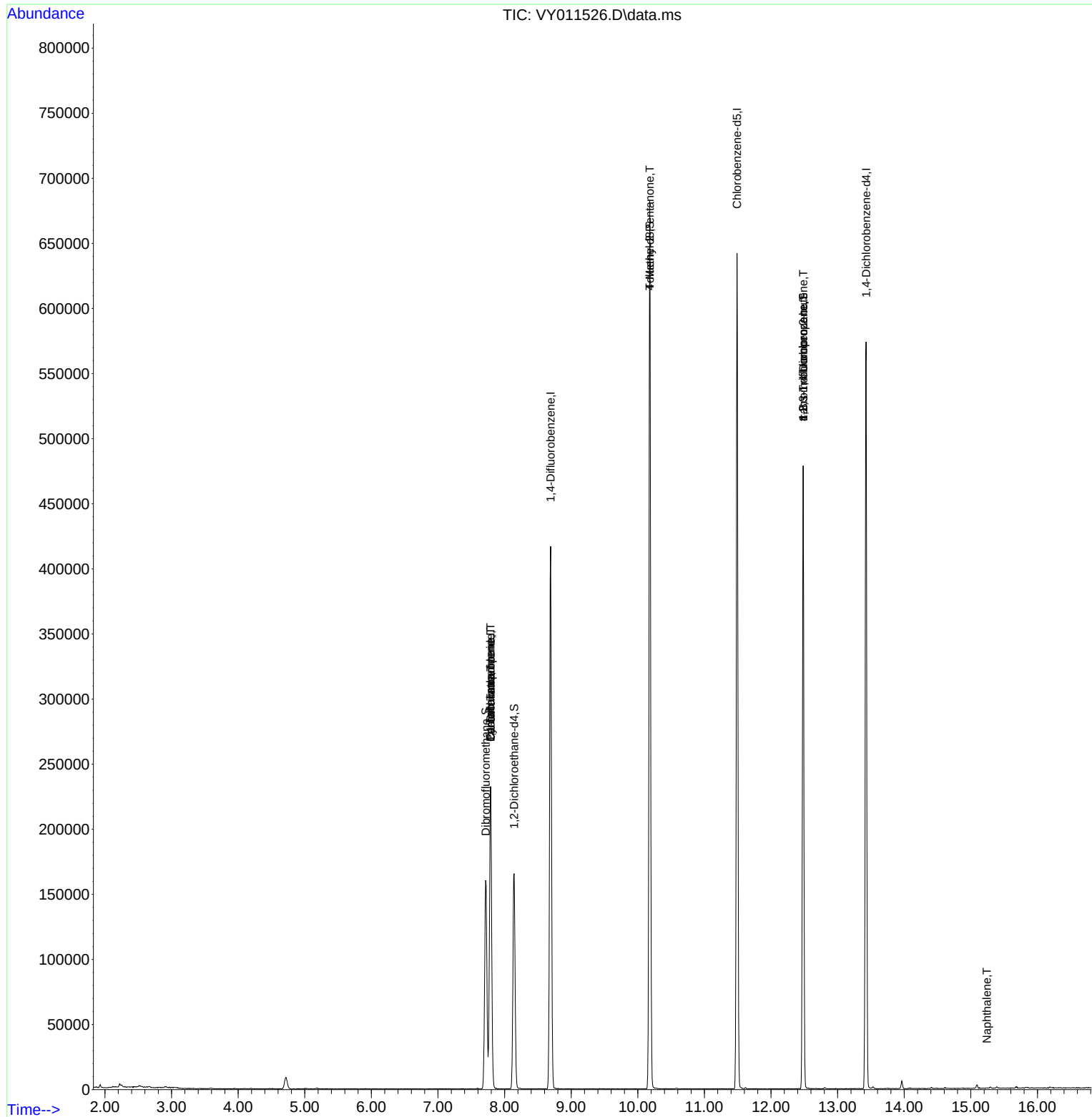
Internal Standards						
1) Pentafluorobenzene	7.789	168	175504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	129725	72.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.580%	
35) Dibromofluoromethane	7.716	113	112246	52.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.820%	
50) Toluene-d8	10.179	98	421992	54.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.480%	
62) 4-Bromofluorobenzene	12.483	95	136838	48.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	193	Below Cal	#	44
5) Bromomethane	2.656	94	153	Below Cal		87
18) Methyl Acetate	4.485	43	142	Below Cal	#	56
20) Methylene Chloride	4.716	84	5950	Below Cal		90
31) Cyclohexane	7.789	56	4126	1.397	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	13612	4.105	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17928	4.832	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	2007	1.060	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	73167	46.660	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73167	102.200	ug/l #	7
95) Naphthalene	15.239	128	327	4.078	ug/l #	69

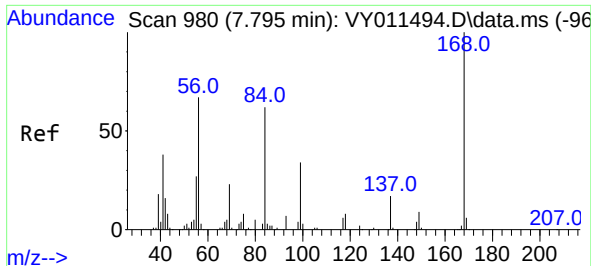
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
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MSVOA_Y
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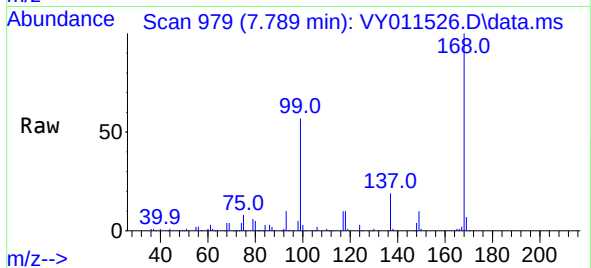
Quant Time: Nov 22 01:46:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
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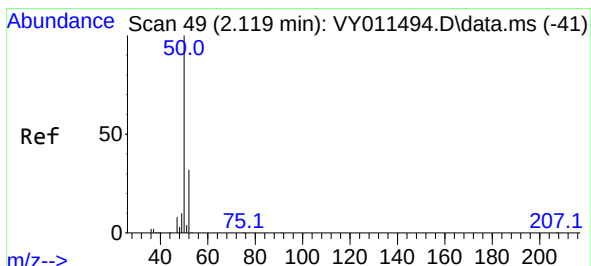
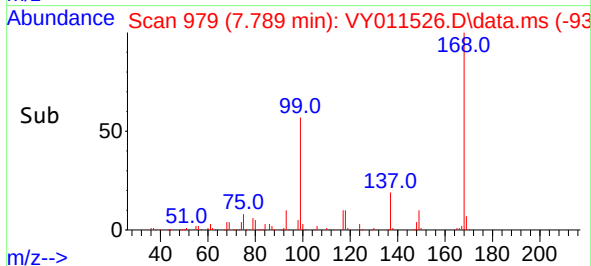
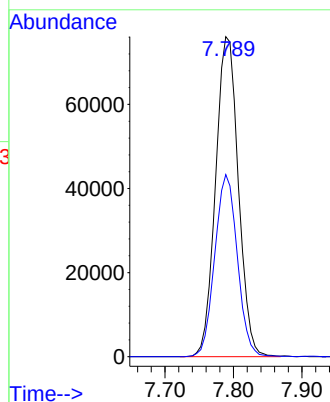


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

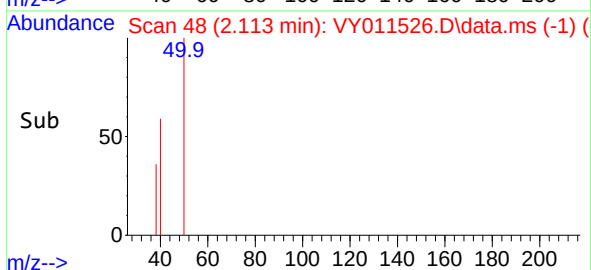
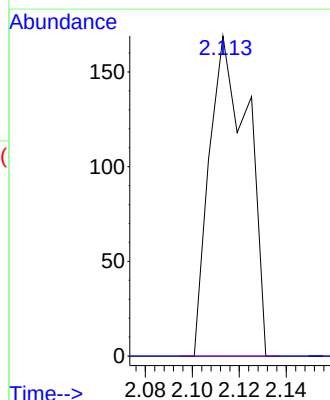
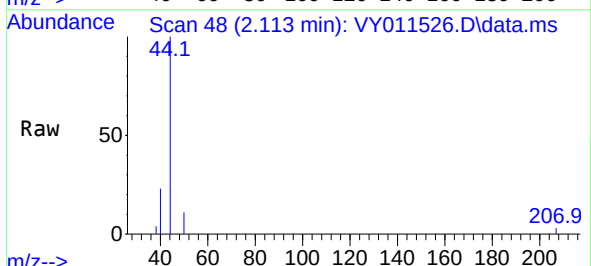


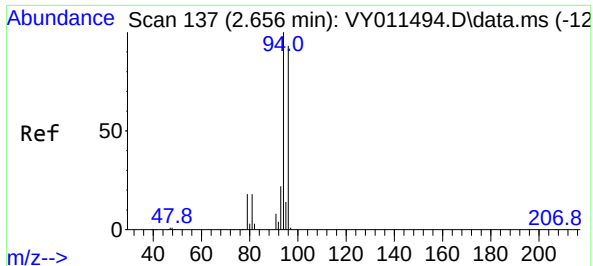
Tgt Ion:168 Resp: 175504
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

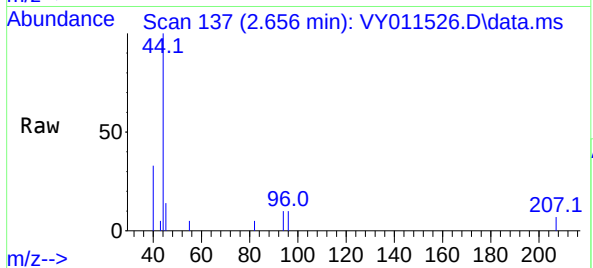
Tgt Ion: 50 Resp: 193
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



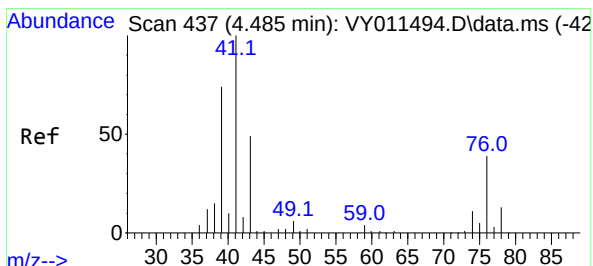
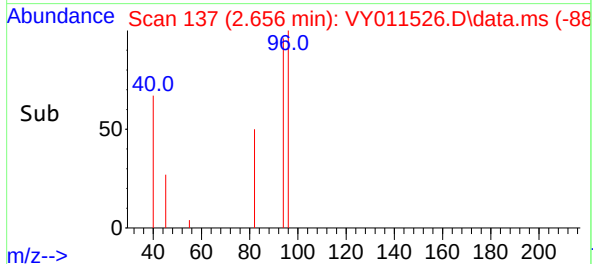
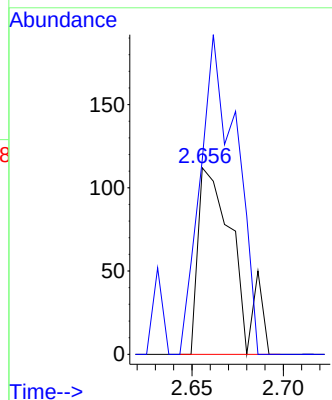


#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

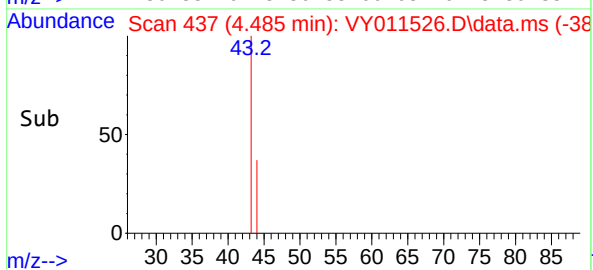
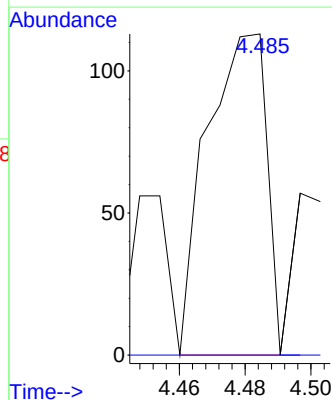
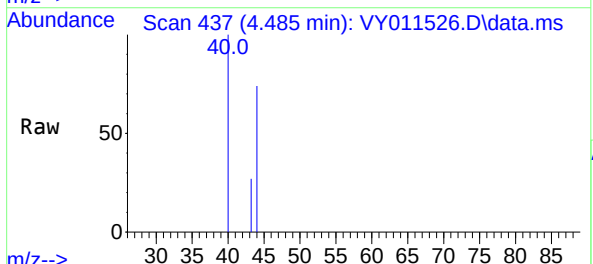


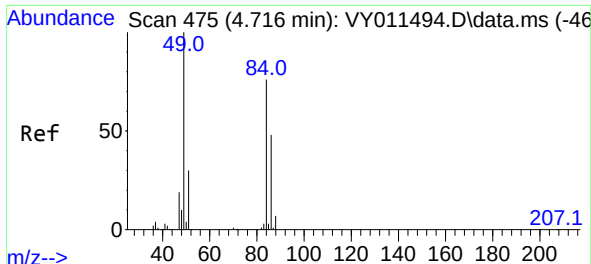
Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 104.5 73.5 110.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

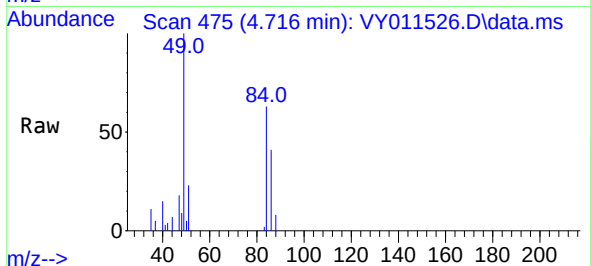
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



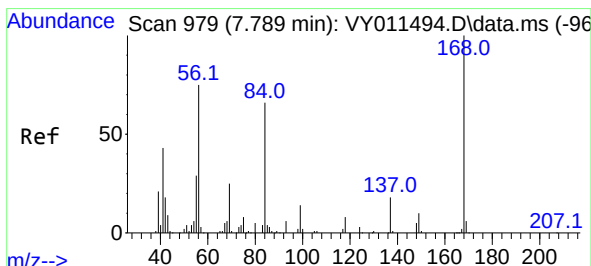
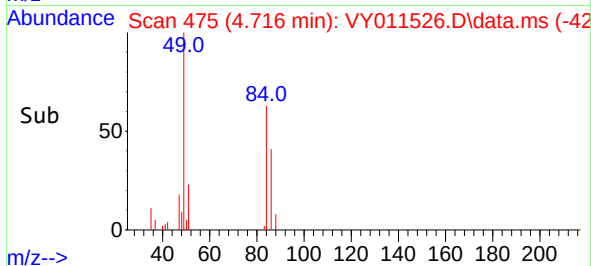
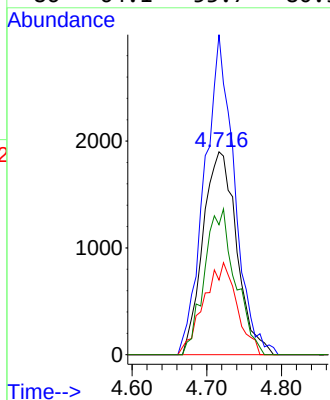


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

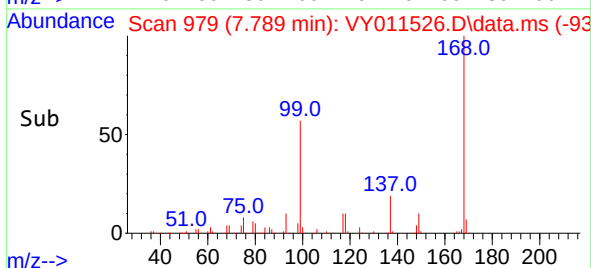
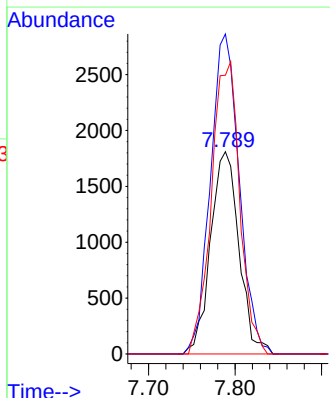
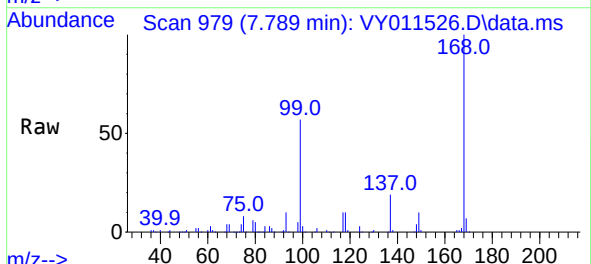


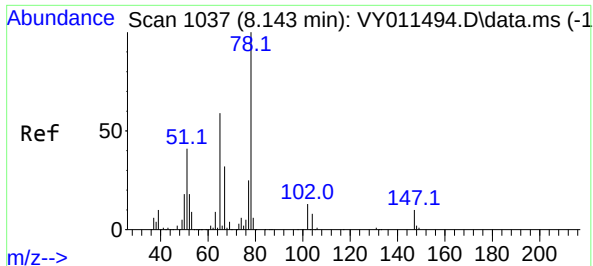
Tgt Ion: 84 Resp: 5950
Ion Ratio Lower Upper
84 100
49 157.7 114.4 171.6
51 36.8 35.3 52.9
86 64.1 53.7 80.5



#31
Cyclohexane
Concen: 1.397 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Tgt Ion: 56 Resp: 4126
Ion Ratio Lower Upper
56 100
69 158.2 26.7 40.1#
84 137.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 72.795 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011526.D

Acq: 21 Nov 2022 16:02

Instrument :

MSVOA_Y

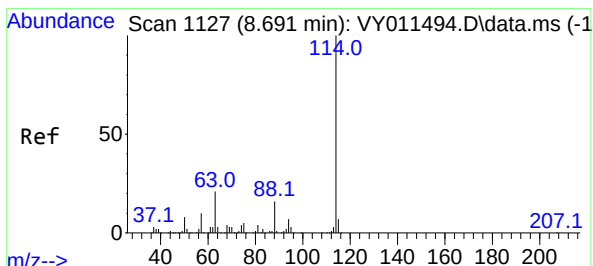
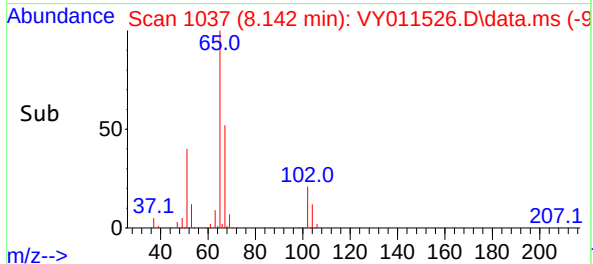
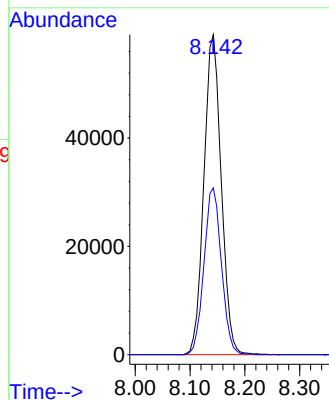
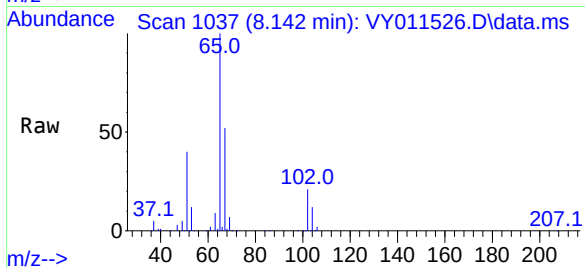
ClientSampleId :

Tgt Ion: 65 Resp: 129725

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: VY011526.D

Acq: 21 Nov 2022 16:02

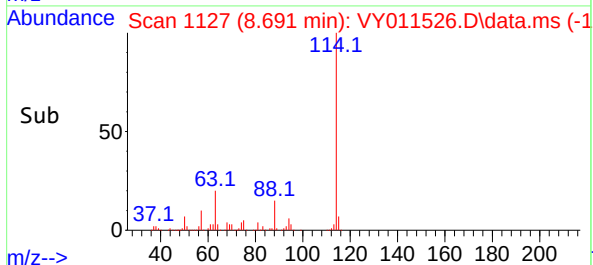
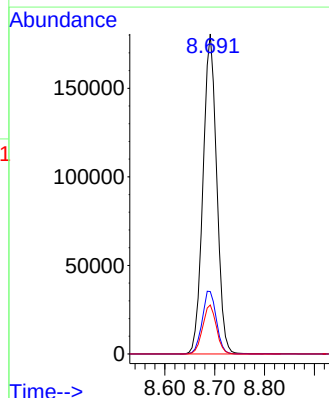
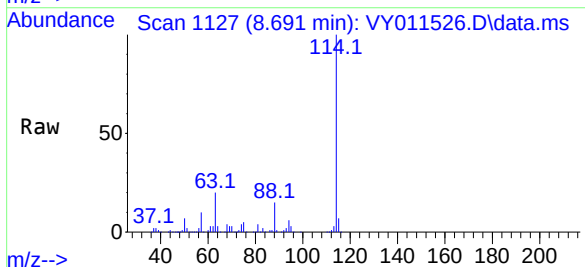
Tgt Ion: 114 Resp: 344634

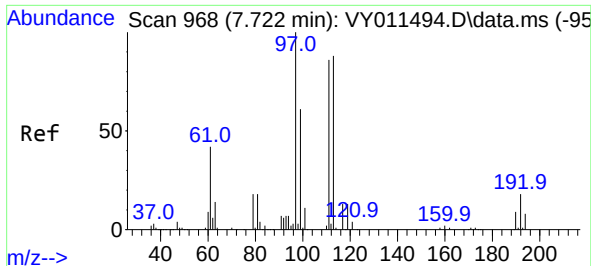
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

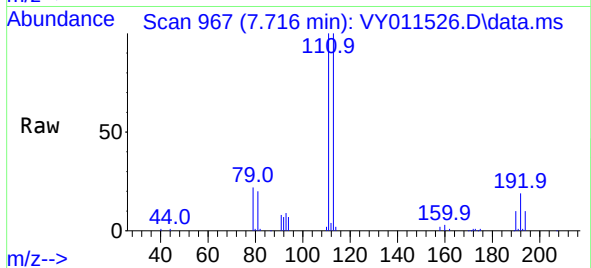
88 15.3 0.0 31.8



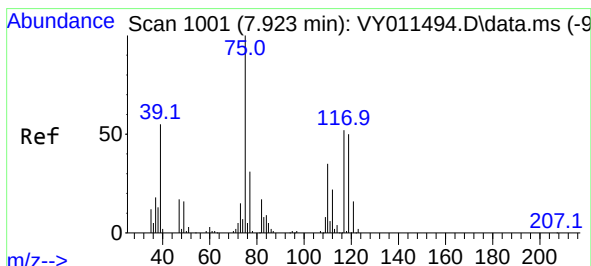
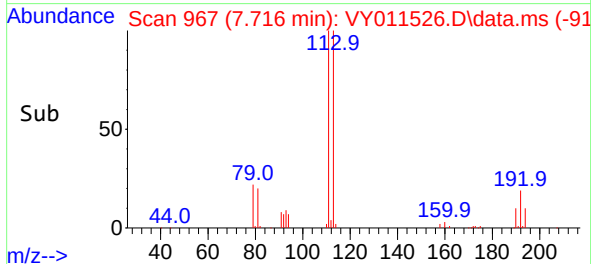
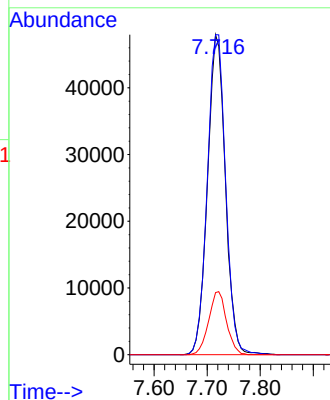


#35
Dibromofluoromethane
Concen: 52.908 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

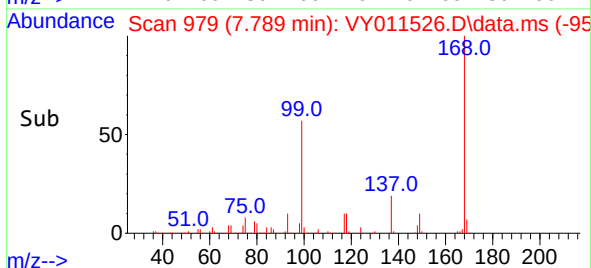
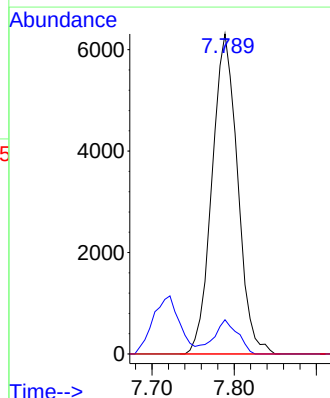
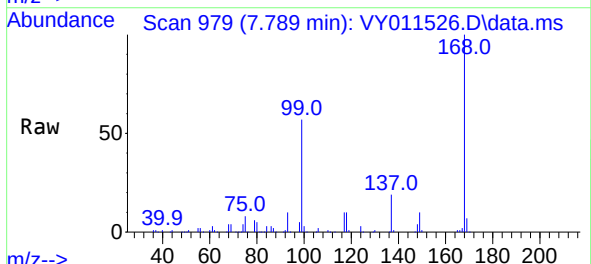


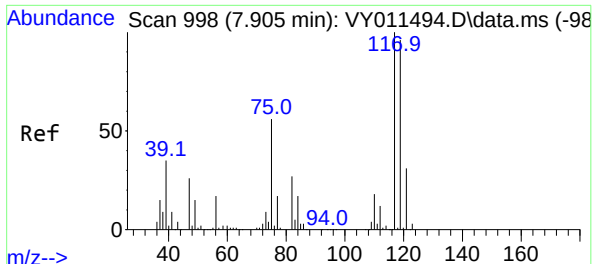
Tgt Ion:113 Resp: 112246
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.105 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

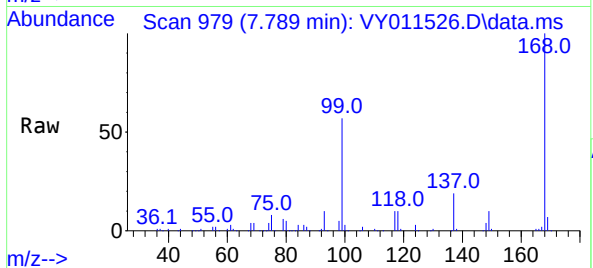
Tgt Ion: 75 Resp: 13612
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



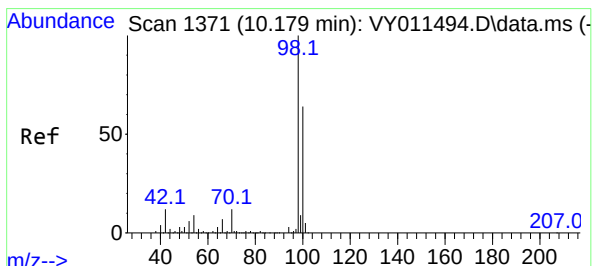
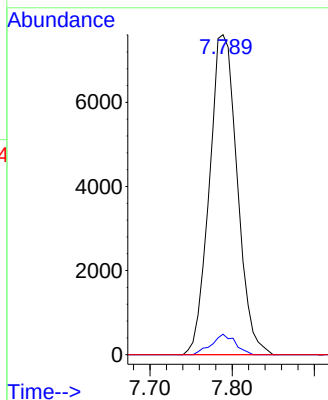
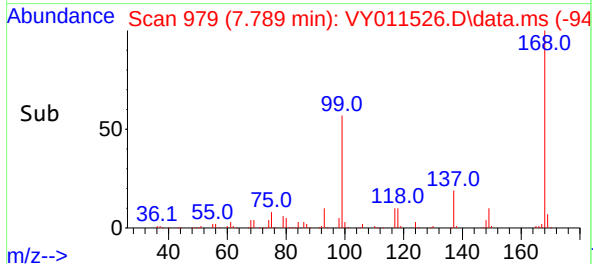


#38
Carbon Tetrachloride
Concen: 4.832 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

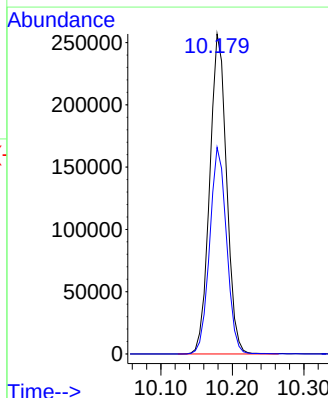
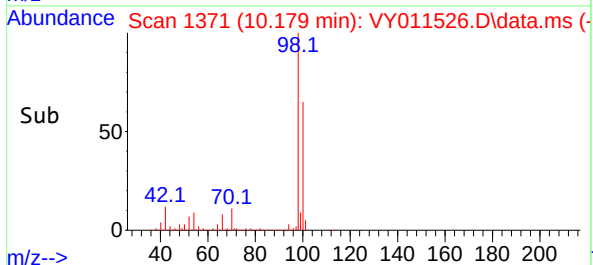
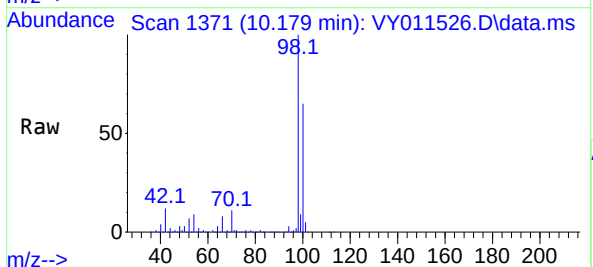


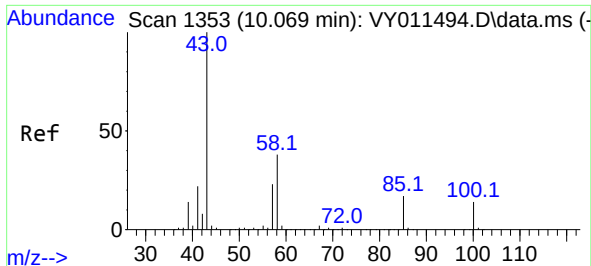
Tgt Ion:117 Resp: 17928
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.737 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Tgt Ion: 98 Resp: 421992
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

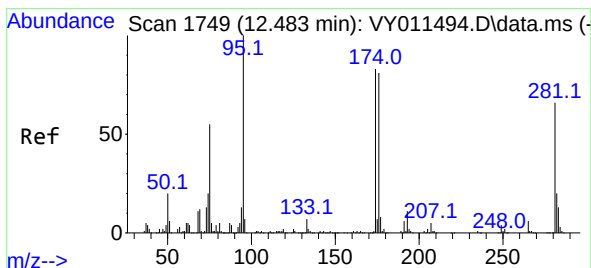
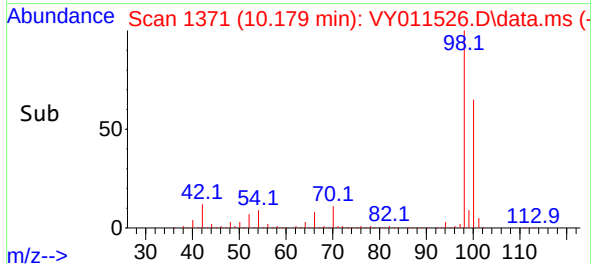
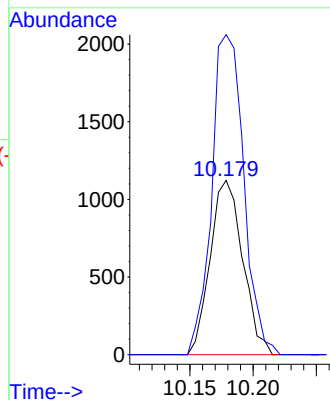
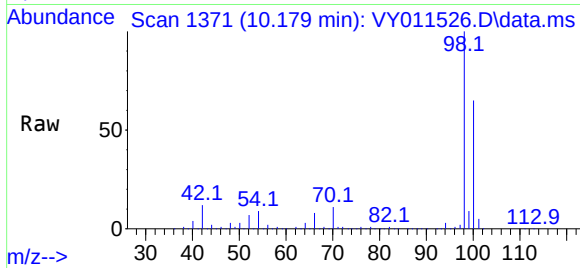




#51
4-Methyl-2-Pentanone
Concen: 1.060 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

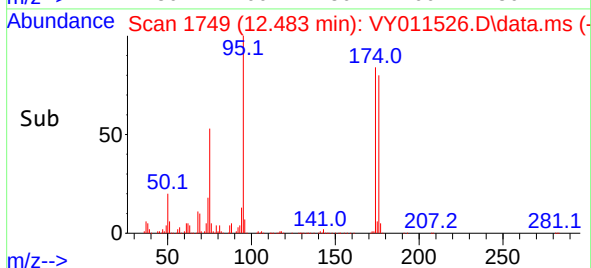
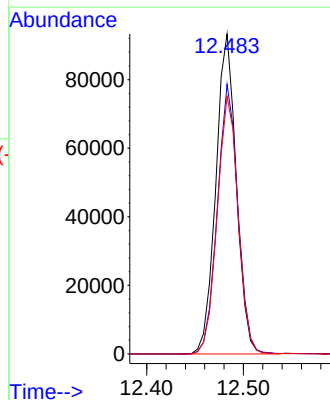
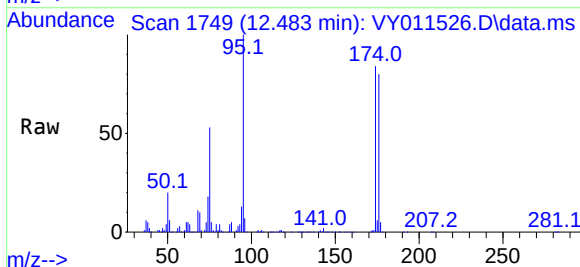
Instrument :
MSVOA_Y
ClientSampleId :

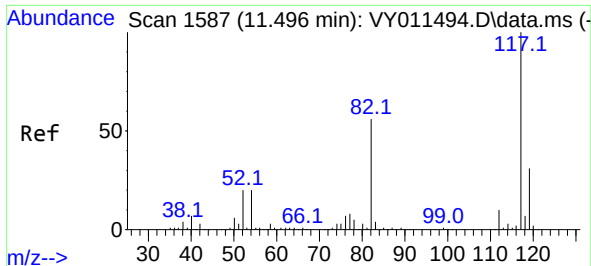
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
58 180.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 48.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

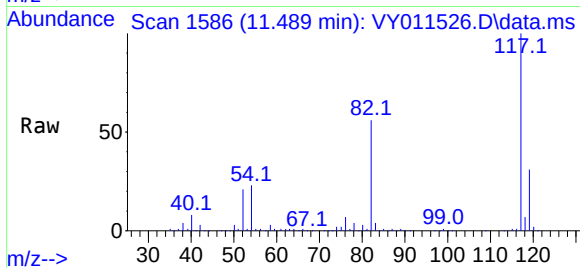
Tgt Ion: 95 Resp: 136838
Ion Ratio Lower Upper
95 100
174 84.8 0.0 177.0
176 81.9 0.0 175.8



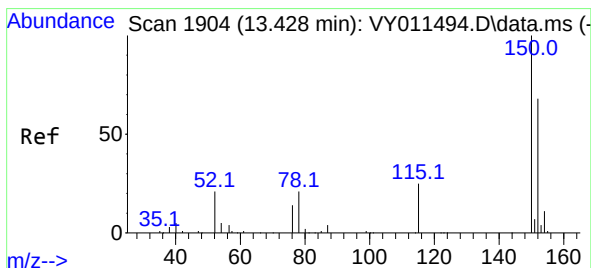
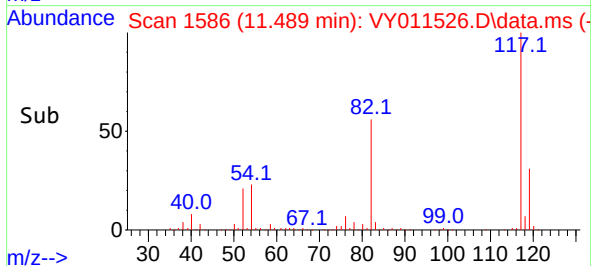
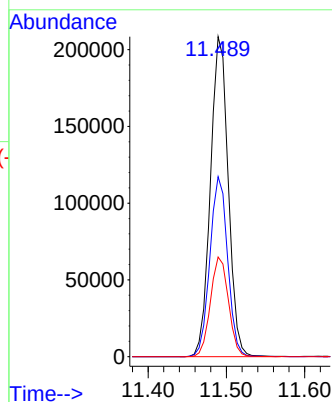


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :

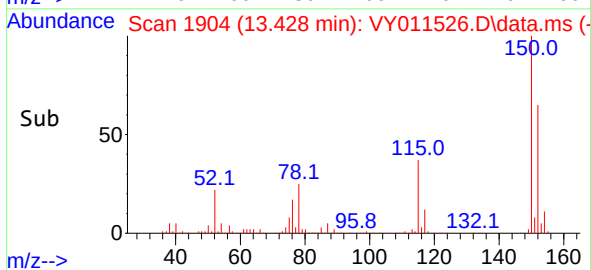
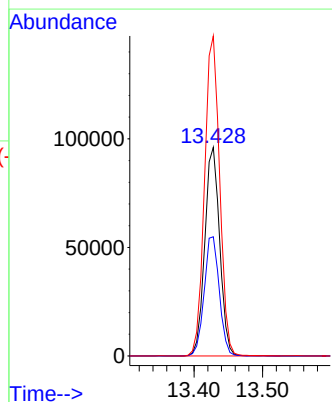
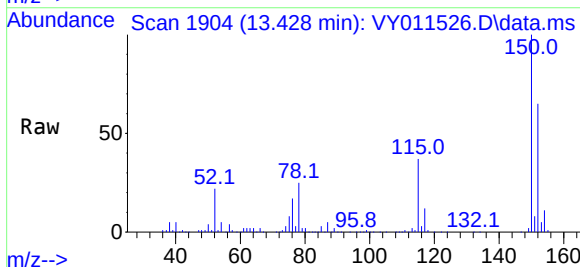


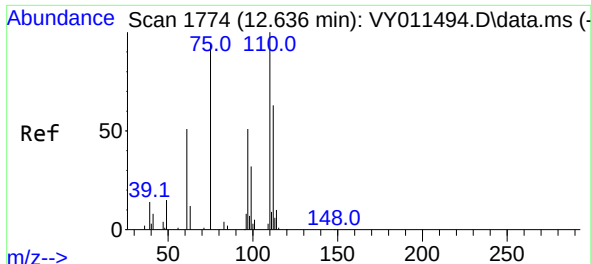
Tgt Ion:117 Resp: 328752
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Tgt Ion:152 Resp: 145608
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 155.7 0.0 347.6

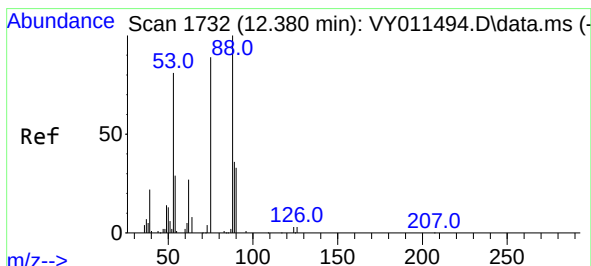
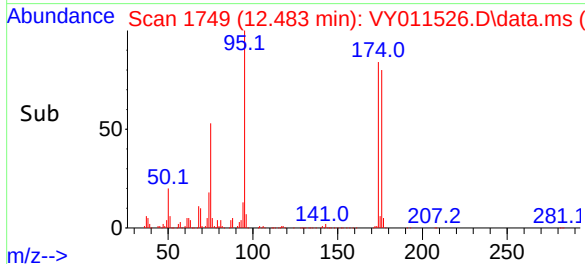
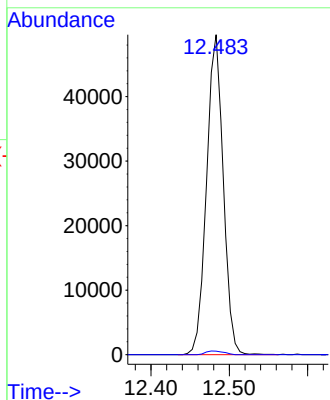
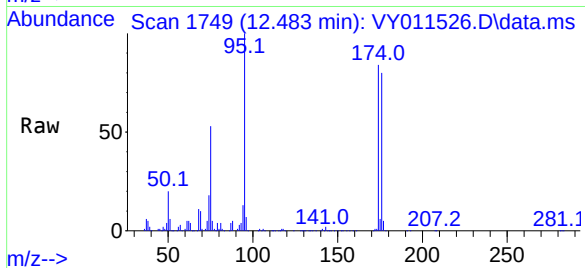




#76
1,2,3-Trichloropropane
Concen: 46.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

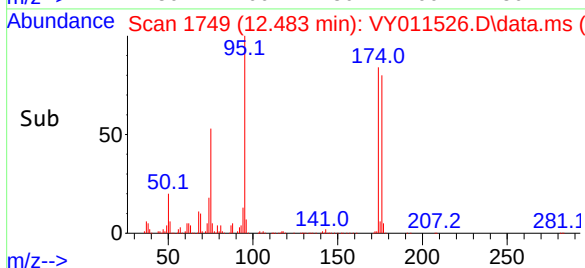
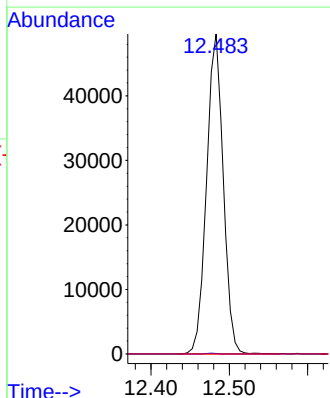
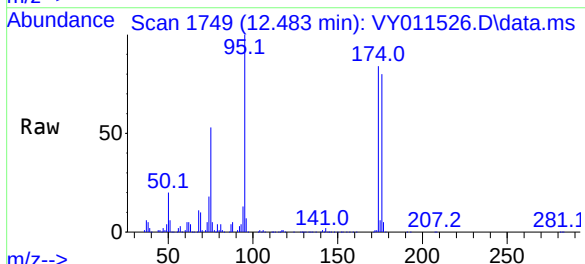
Instrument :
MSVOA_Y
ClientSampleId :

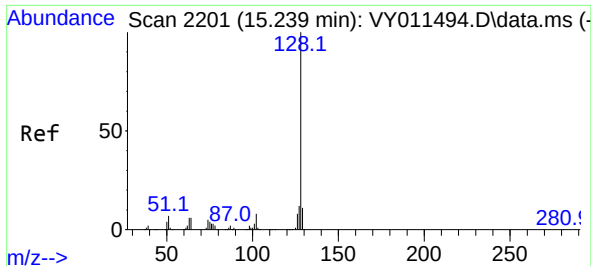
Tgt Ion: 75 Resp: 73167
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.200 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

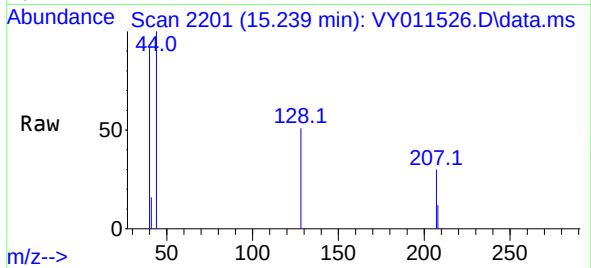
Tgt Ion: 75 Resp: 73167
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 4.078 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011526.D
Acq: 21 Nov 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 327
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

