

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041122\
 Data File : VY008264.D
 Acq On : 11 Apr 2022 11:17
 Operator : KP/MD
 Sample : VY0411SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 12 06:55:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

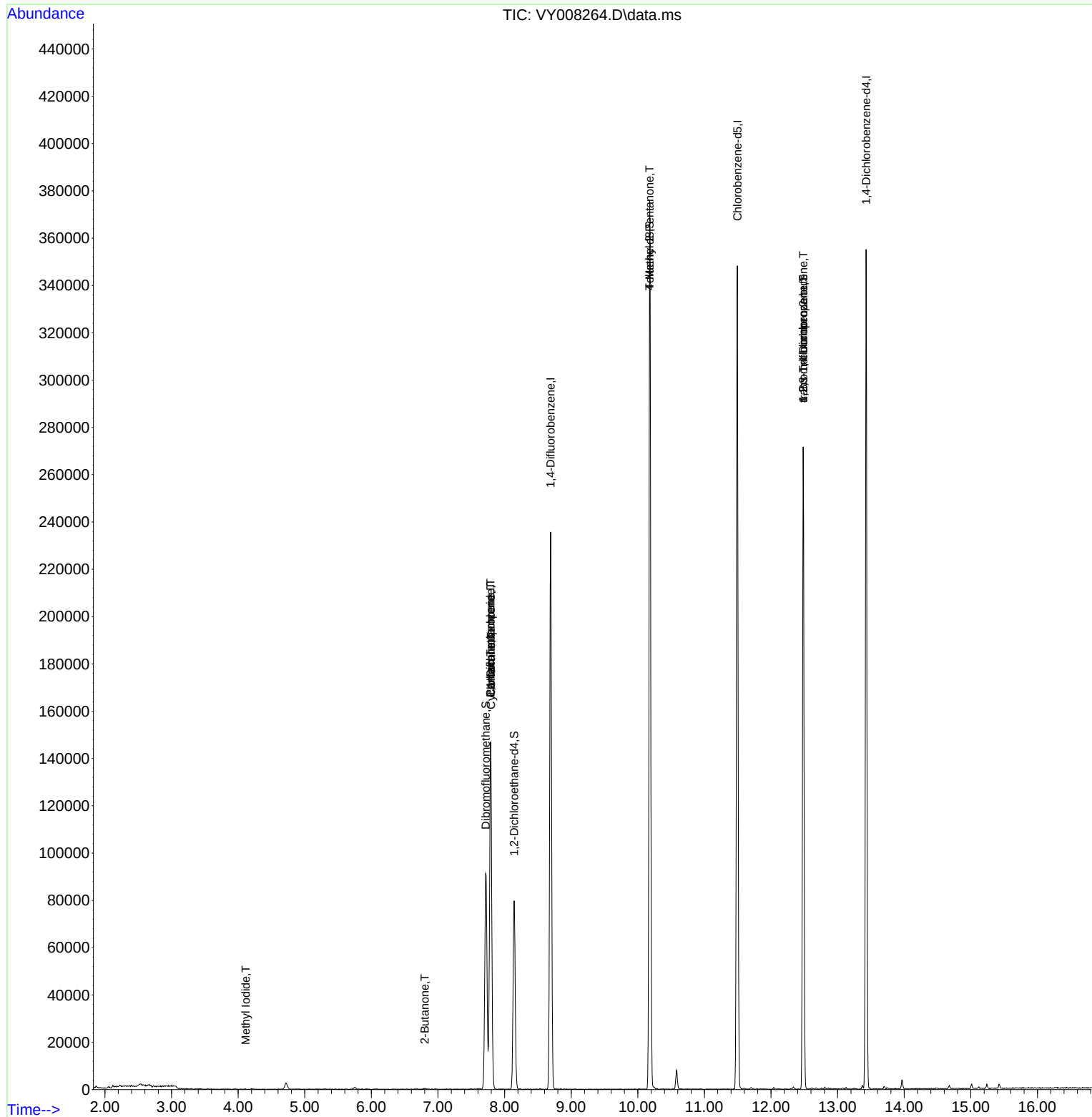
Internal Standards						
1) Pentafluorobenzene	7.789	168	115994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	199468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61747	56.672	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.340%	
35) Dibromofluoromethane	7.716	113	66076	54.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.400%	
50) Toluene-d8	10.179	98	254205	60.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.860%	
62) 4-Bromofluorobenzene	12.483	95	82316	52.460	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	581	Below Cal	#	83
5) Bromomethane	2.674	94	383	Below Cal	#	16
10) Methyl Iodide	4.113	142	245	2.555	ug/l #	43
18) Methyl Acetate	4.479	43	27	Below Cal	#	56
20) Methylene Chloride	4.716	84	1987	Below Cal	#	81
25) 2-Butanone	6.801	43	569	1.389	ug/l #	54
31) Cyclohexane	7.795	56	2216	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8680	4.458	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11551	5.515	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	995	1.034	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43812	46.329	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43812	103.659	ug/l #	7

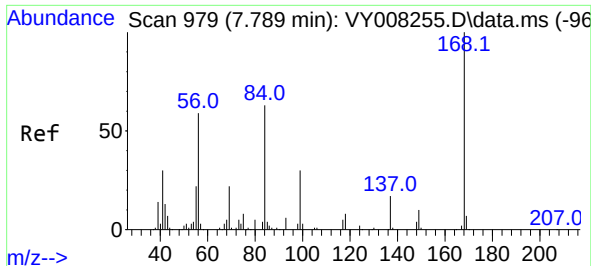
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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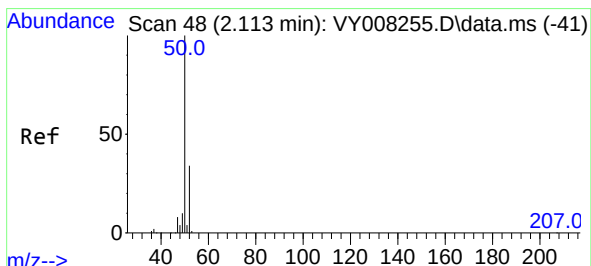
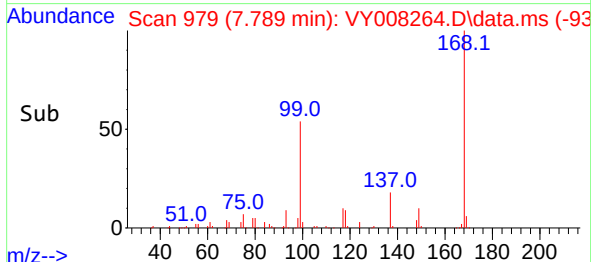
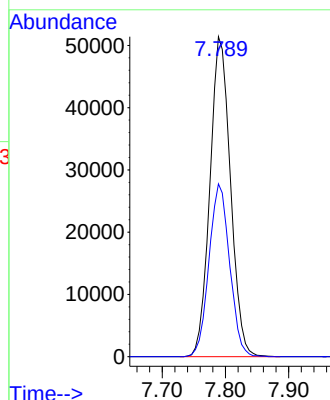
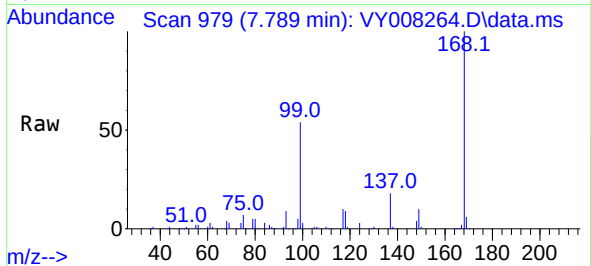




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

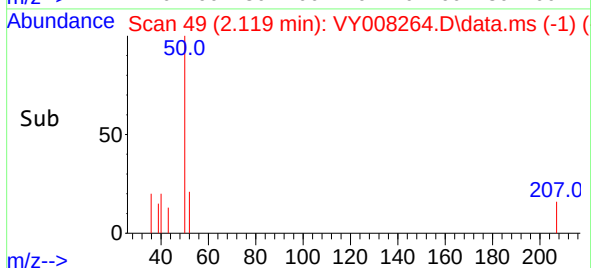
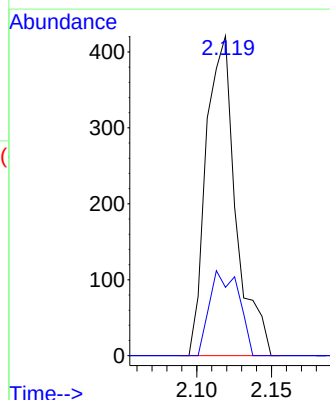
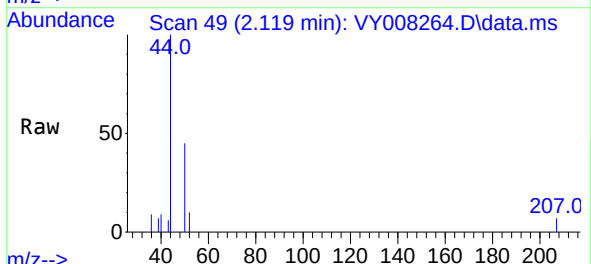
Instrument :
MSVOA_Y
ClientSampleId :

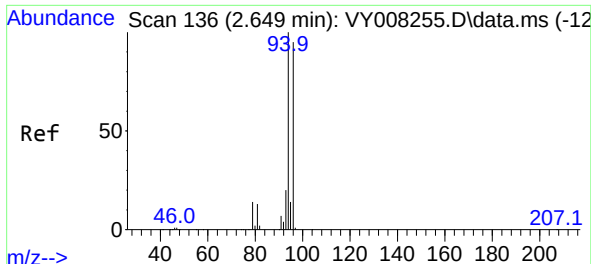
Tgt Ion:168 Resp: 115994
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

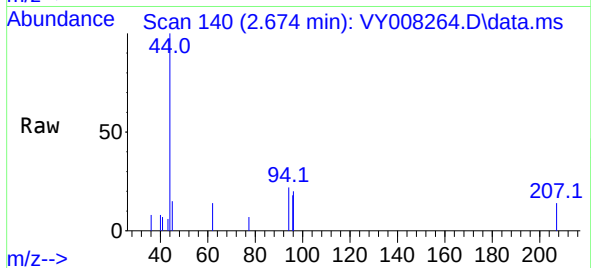
Tgt Ion: 50 Resp: 581
Ion Ratio Lower Upper
50 100
52 21.4 24.6 37.0#



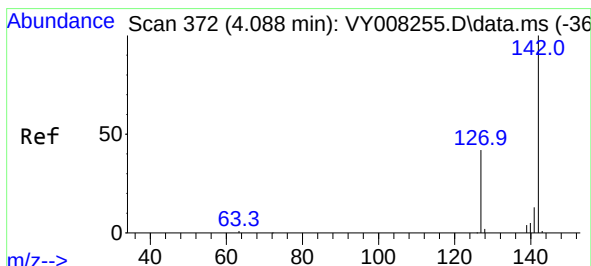
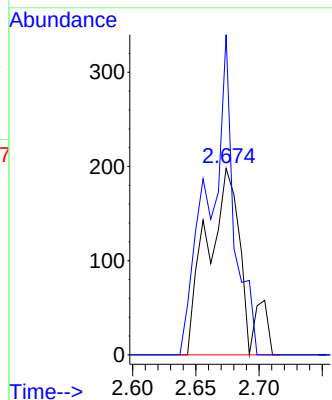
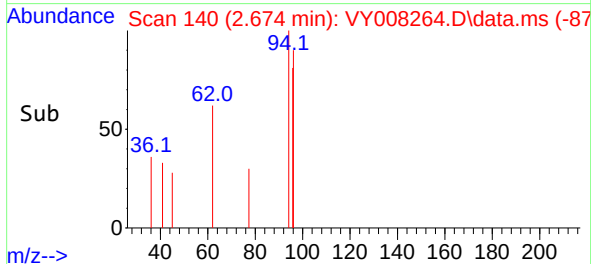


#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.025 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :

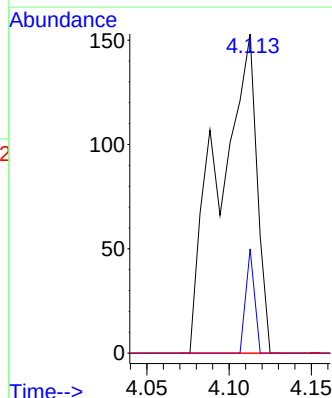
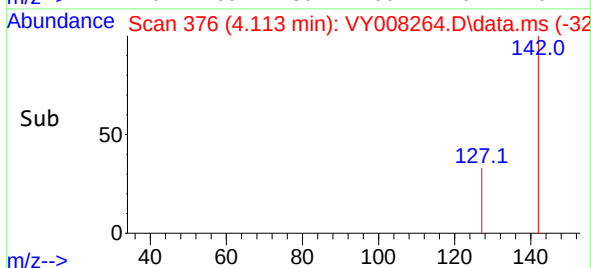
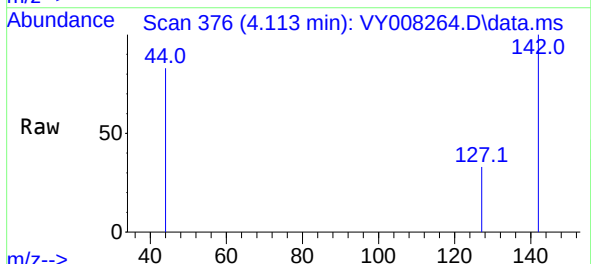


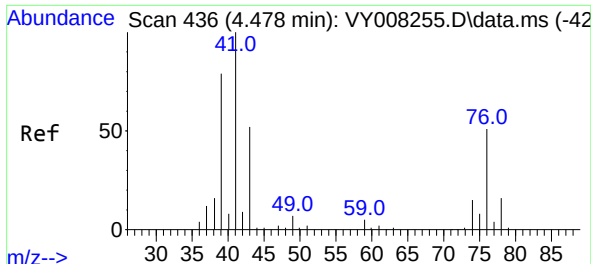
Tgt Ion: 94 Resp: 383
Ion Ratio Lower Upper
94 100
96 171.7 73.5 110.3#



#10
Methyl Iodide
Concen: 2.555 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.025 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

Tgt Ion:142 Resp: 245
Ion Ratio Lower Upper
142 100
127 7.3 41.5 62.3#
141 0.0 11.9 17.9#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. 0.001 min

Lab File: VY008264.D

Acq: 11 Apr 2022 11:17

Instrument :

MSVOA_Y

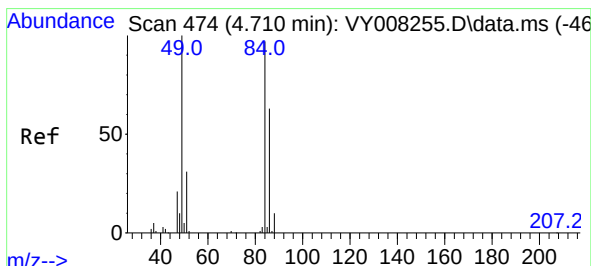
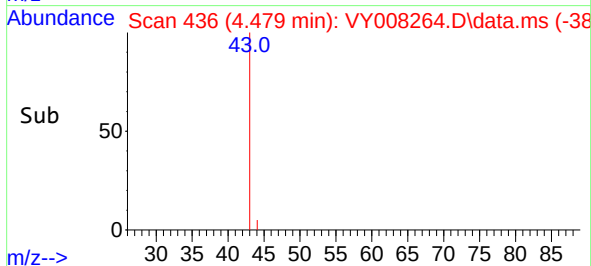
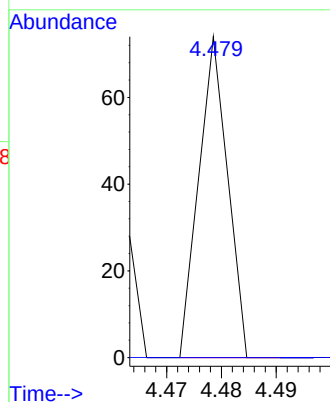
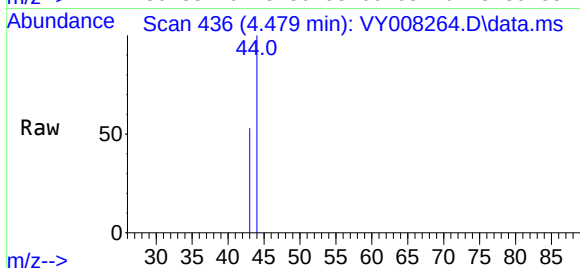
ClientSampleId :

Tgt Ion: 43 Resp: 27

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. 0.006 min

Lab File: VY008264.D

Acq: 11 Apr 2022 11:17

Tgt Ion: 84 Resp: 1987

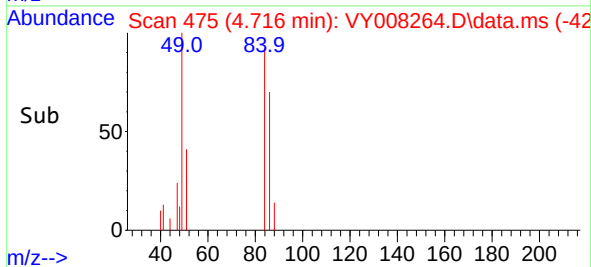
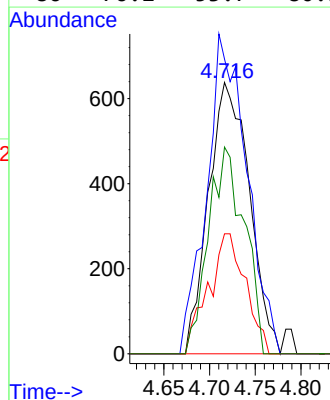
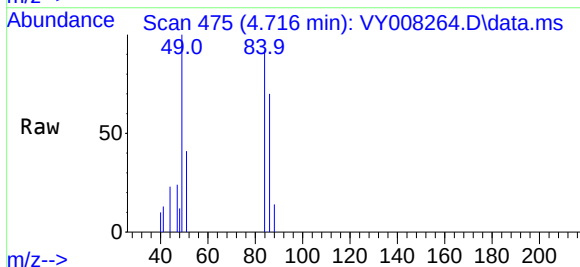
Ion Ratio Lower Upper

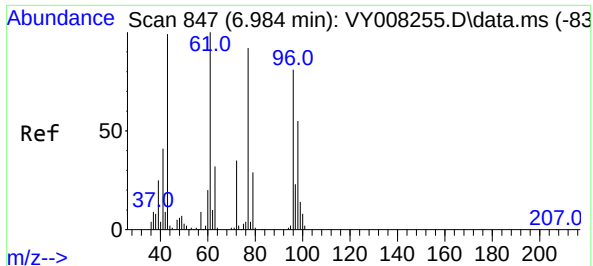
84 100

49 108.6 114.4 171.6#

51 44.2 35.3 52.9

86 76.2 53.7 80.5





#25

2-Butanone

Concen: 1.389 ug/l

RT: 6.801 min Scan# 81

Delta R.T. -0.183 min

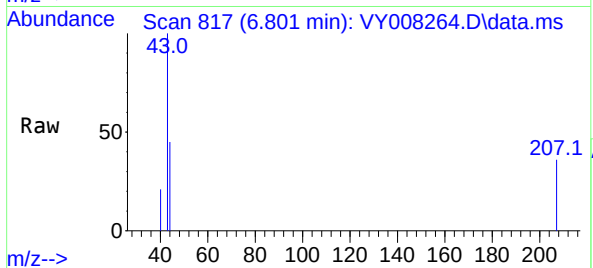
Lab File: VY008264.D

Acq: 11 Apr 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

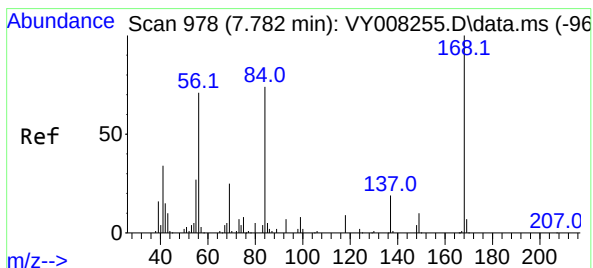
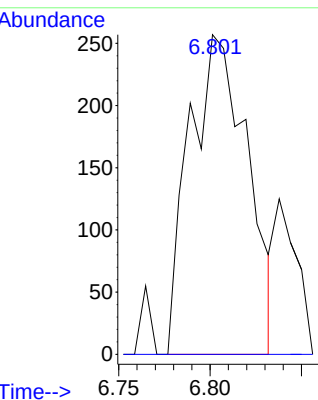
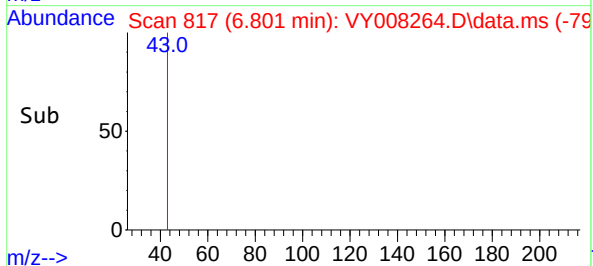


Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.125 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.013 min

Lab File: VY008264.D

Acq: 11 Apr 2022 11:17

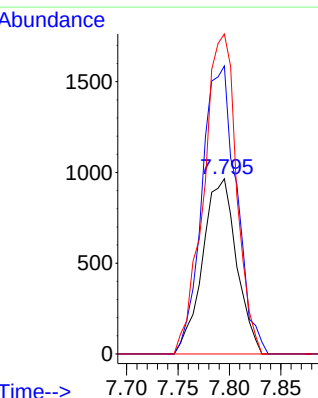
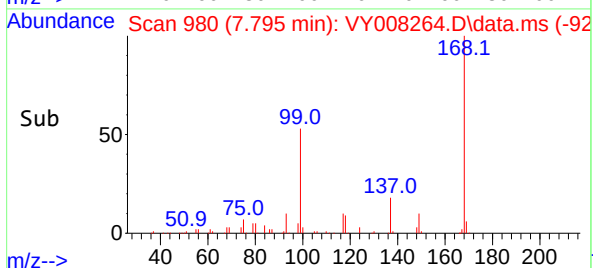
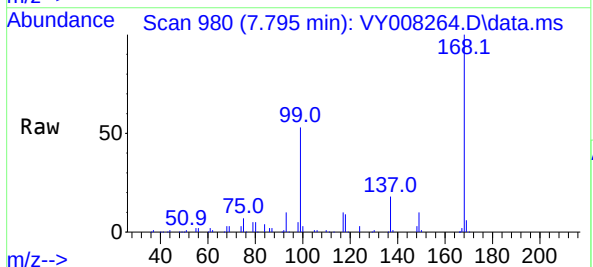
Tgt Ion: 56 Resp: 2216

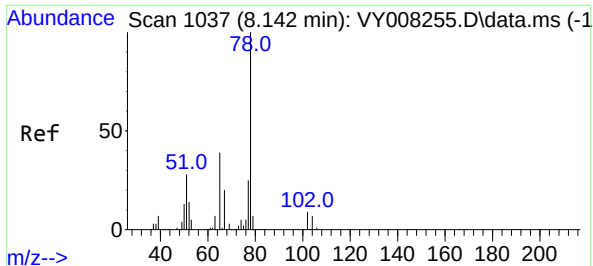
Ion Ratio Lower Upper

56 100

69 164.5 26.7 40.1#

84 182.7 67.2 100.8#

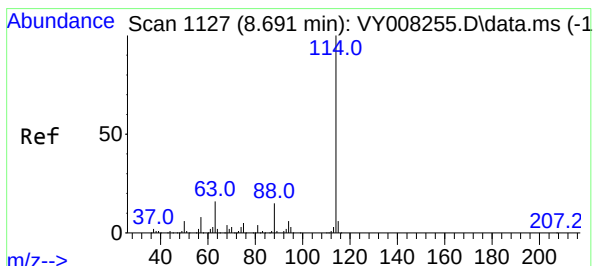
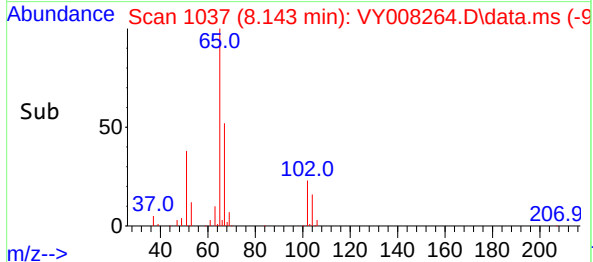
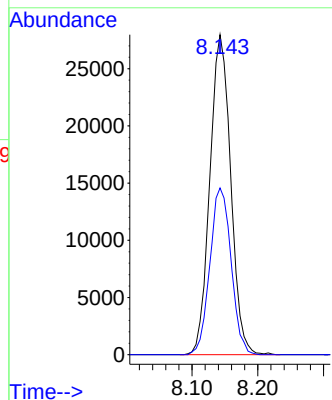
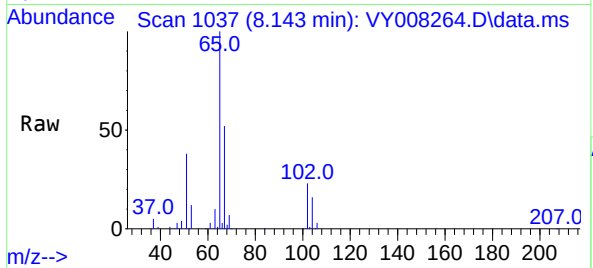




#33
1,2-Dichloroethane-d4
Concen: 56.672 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

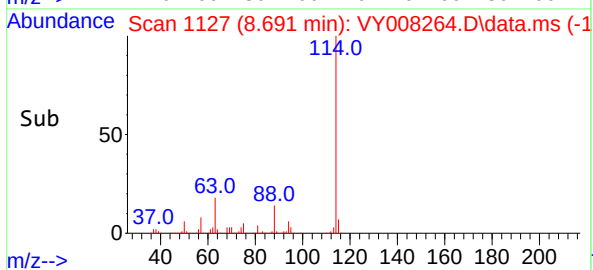
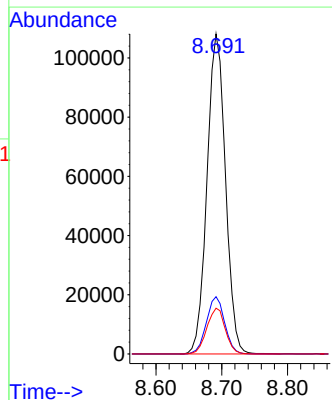
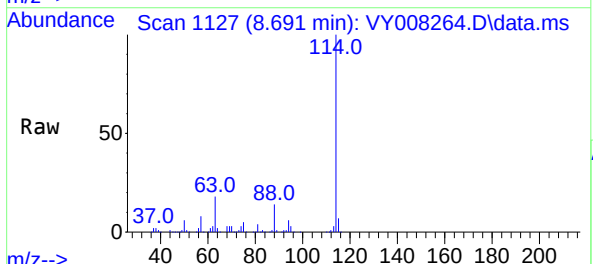
Instrument :
MSVOA_Y
ClientSampleId :

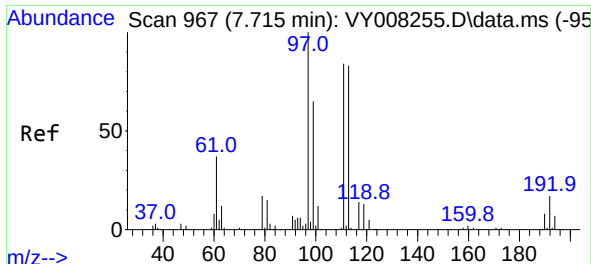
Tgt Ion: 65 Resp: 61747
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

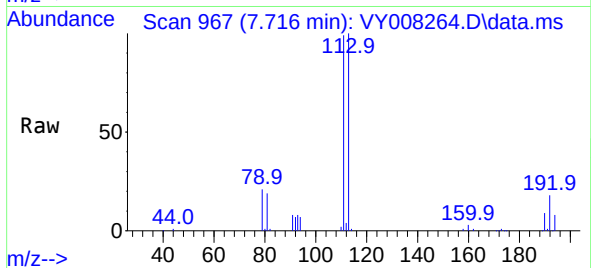
Tgt Ion: 114 Resp: 211083
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 14.3 0.0 31.8





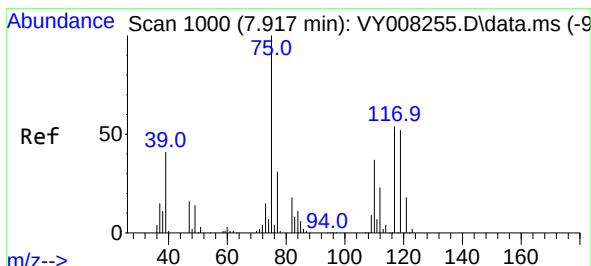
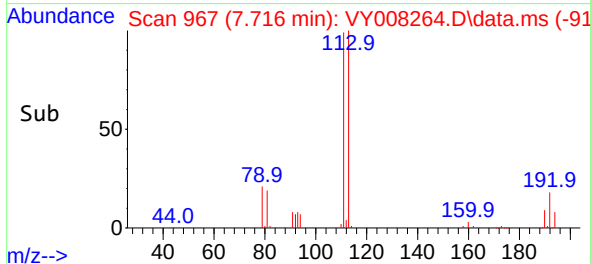
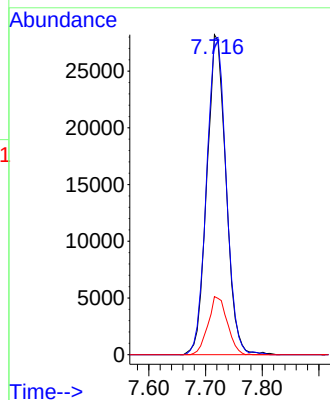
#35
 Dibromofluoromethane
 Concen: 54.197 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.001 min
 Lab File: VY008264.D
 Acq: 11 Apr 2022 11:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 113 Resp: 66076

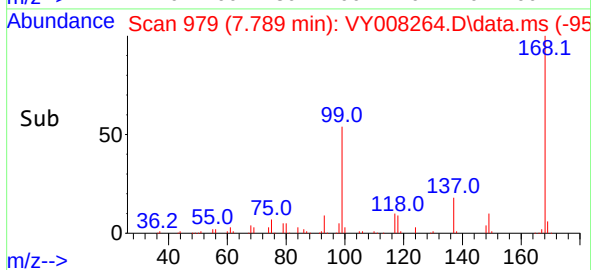
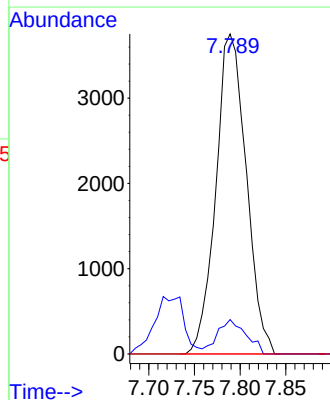
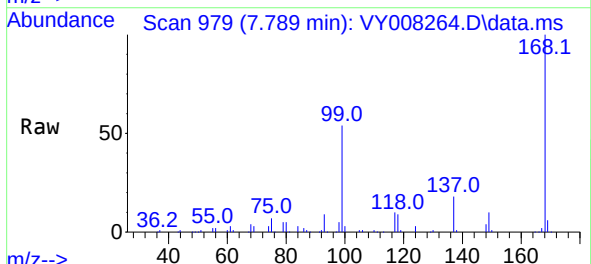
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	124.0
192	18.2	17.6	26.4

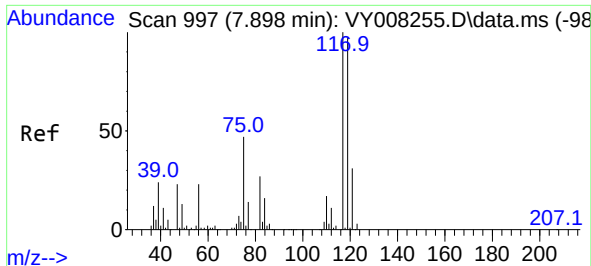


#36
 1,1-Dichloropropene
 Concen: 4.458 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY008264.D
 Acq: 11 Apr 2022 11:17

Tgt Ion: 75 Resp: 8680

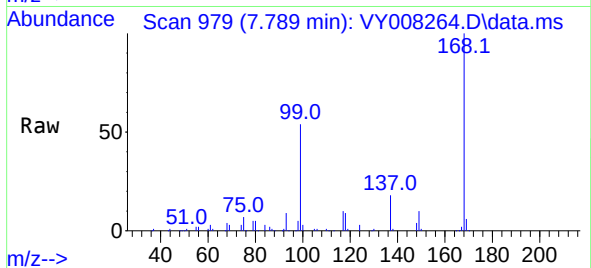
Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.1	51.2#
77	0.0	24.4	36.6#



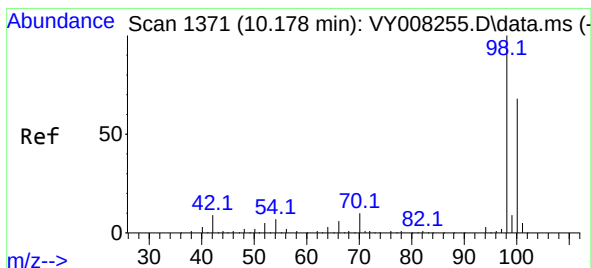
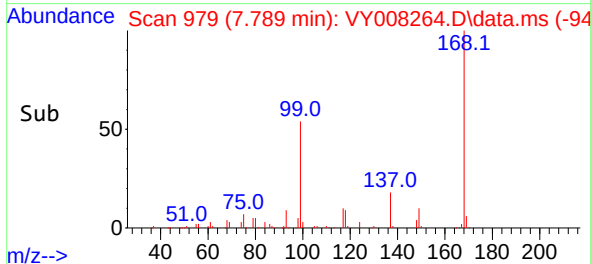
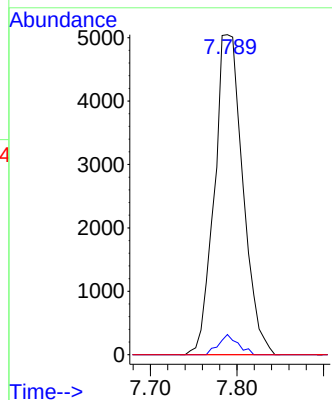


#38
Carbon Tetrachloride
Concen: 5.515 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :

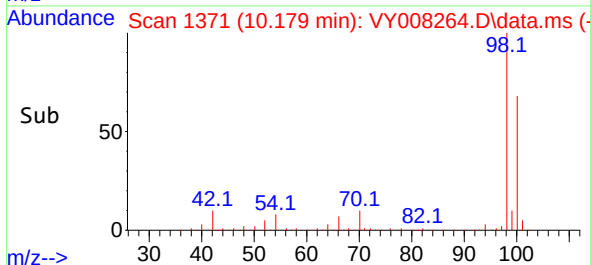
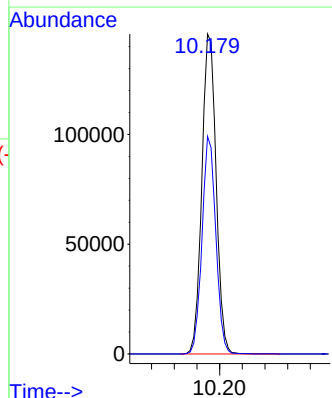
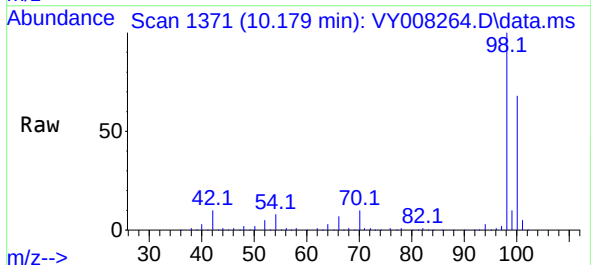


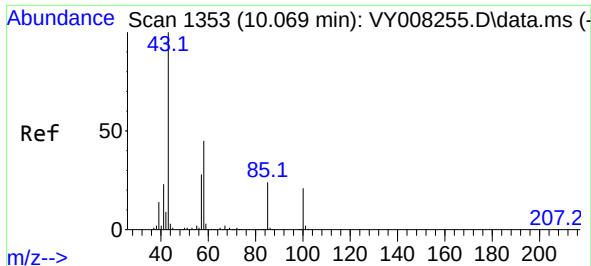
Tgt Ion:117 Resp: 11551
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.934 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

Tgt Ion: 98 Resp: 254205
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

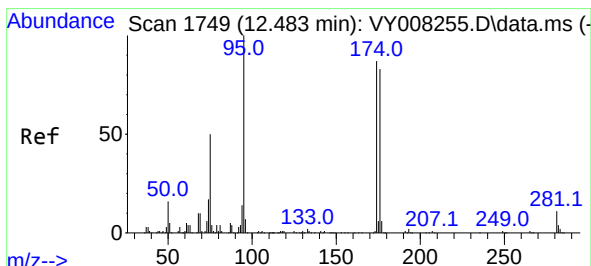
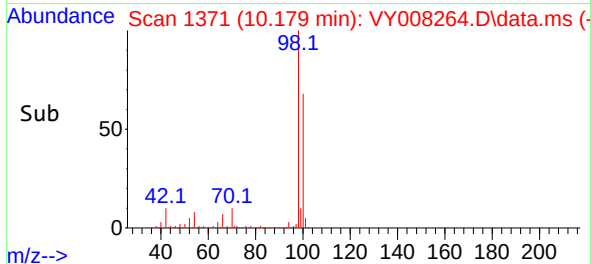
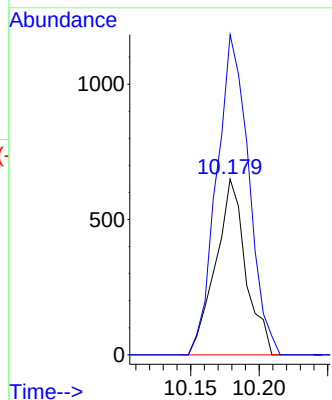
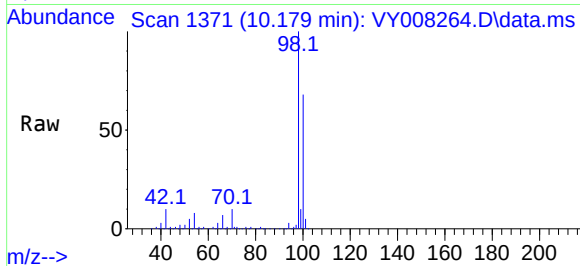




#51
4-Methyl-2-Pentanone
Concen: 1.034 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

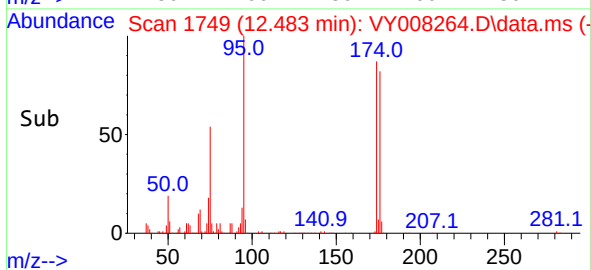
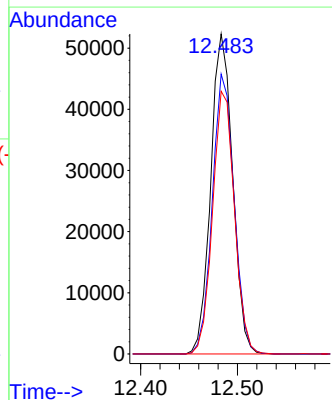
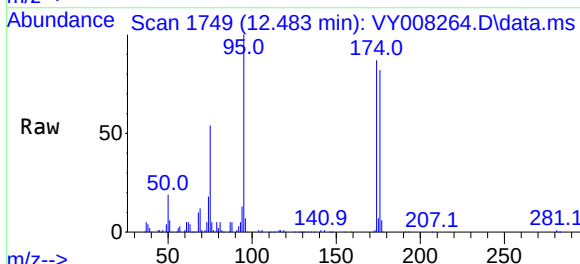
Instrument :
MSVOA_Y
ClientSampleId :

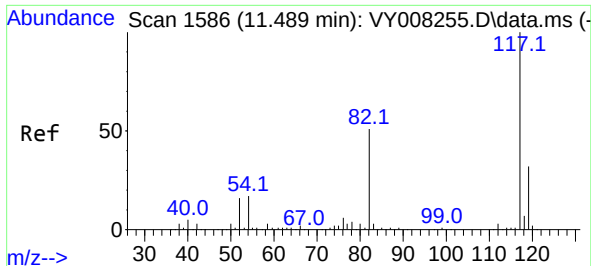
Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 193.8 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 52.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

Tgt Ion: 95 Resp: 82316
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 81.7 0.0 175.8

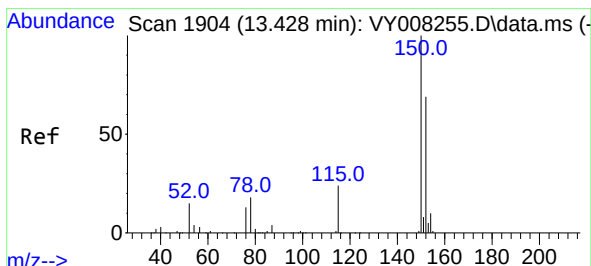
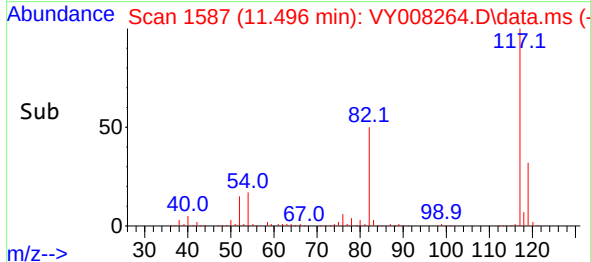
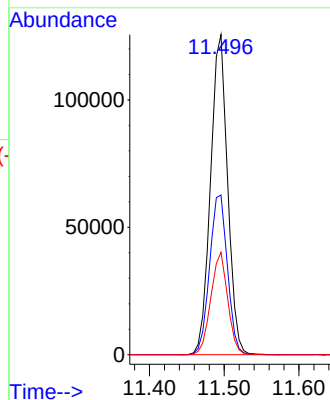
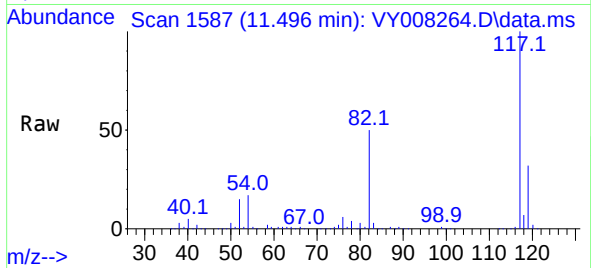




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

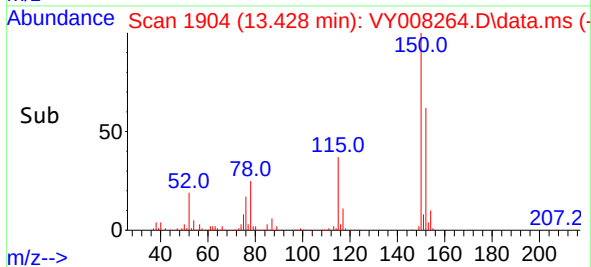
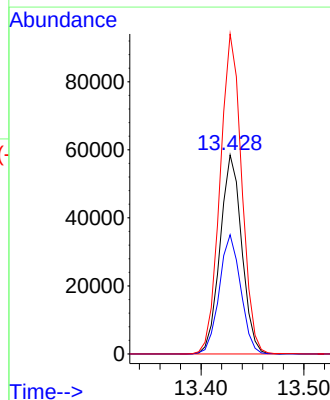
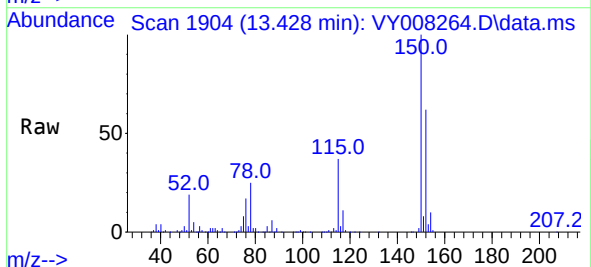
Instrument :
MSVOA_Y
ClientSampleId :

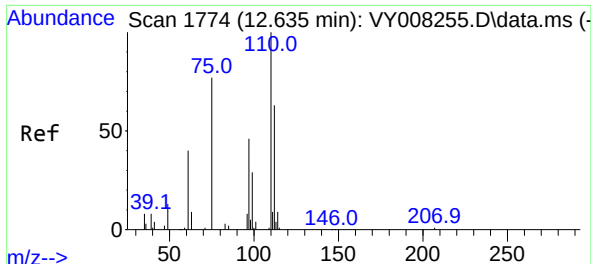
Tgt Ion:117 Resp: 199468
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

Tgt Ion:152 Resp: 85506
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 160.7 0.0 347.6

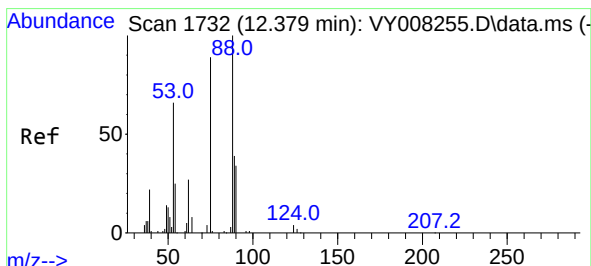
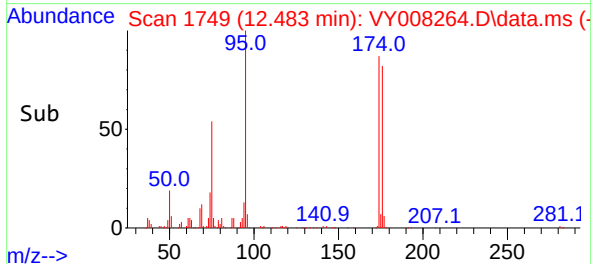
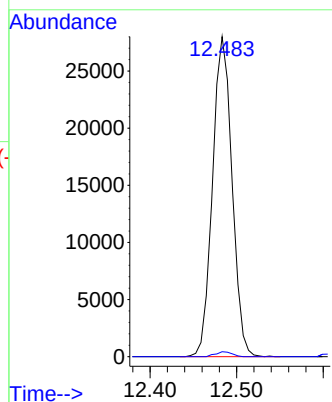
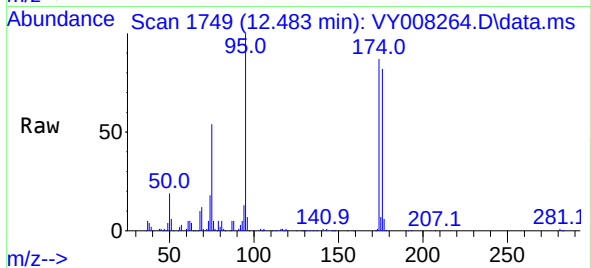




#76
1,2,3-Trichloropropane
Concen: 46.329 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 43812
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.659 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008264.D
Acq: 11 Apr 2022 11:17

Tgt Ion: 75 Resp: 43812
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

