

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008235.D
 Acq On : 06 Apr 2022 15:21
 Operator : SY/MD
 Sample : N2277-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-1

Quant Time: Apr 07 02:12:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

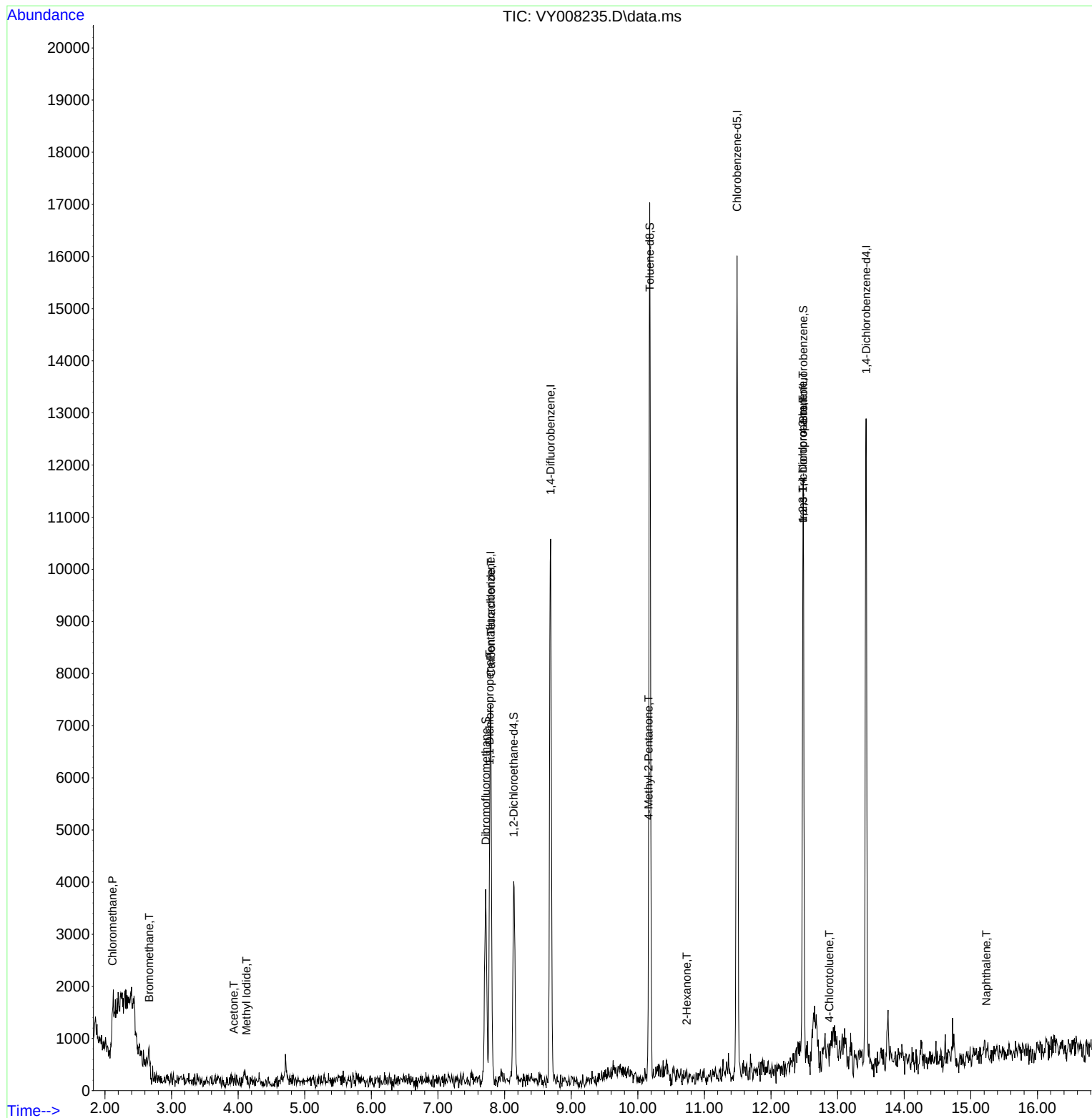
Internal Standards						
1) Pentafluorobenzene	7.789	168	6125	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	9904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3102	50.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.960%	
35) Dibromofluoromethane	7.715	113	2846	45.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.660%	
50) Toluene-d8	10.178	98	11605	49.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.483	95	3584	43.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	245	3.644	ug/l	# 78
5) Bromomethane	2.662	94	242	3.301	ug/l	83
10) Methyl Iodide	4.125	142	340	5.703	ug/l	# 35
16) Acetone	3.936	43	25	1.780	ug/l	# 47
20) Methylene Chloride	4.710	84	131	Below Cal	#	31
36) 1,1-Dichloropropene	7.776	75	421	4.316	ug/l	# 42
38) Carbon Tetrachloride	7.795	117	566	5.325	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.160	43	71	1.574	ug/l	95
59) 2-Hexanone	10.733	43	33	1.045	ug/l	# 28
76) 1,2,3-Trichloropropane	12.477	75	1886	47.678	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	1886	106.378	ug/l	# 7
82) 4-Chlorotoluene	12.873	91	255	1.418	ug/l	# 41
95) Naphthalene	15.232	128	163	1.148	ug/l	# 69

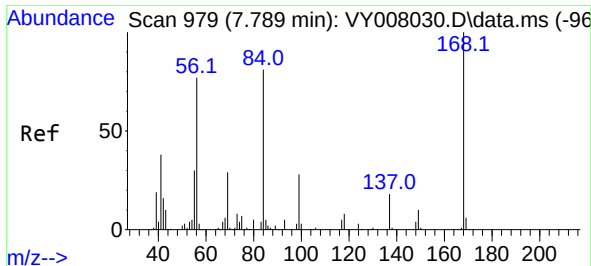
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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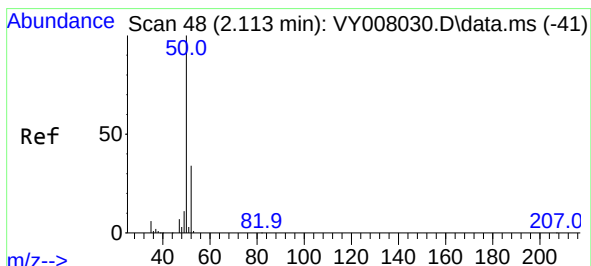
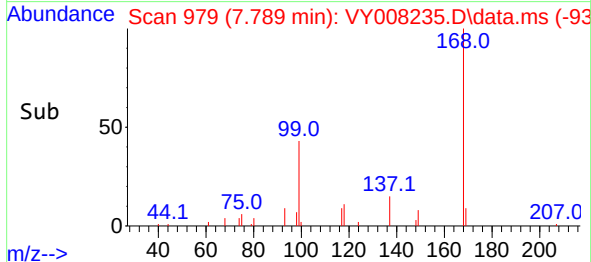
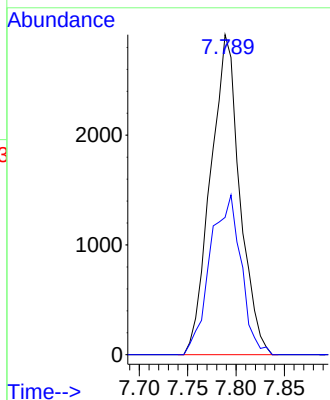
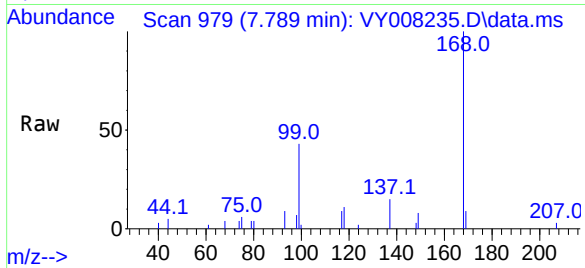




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

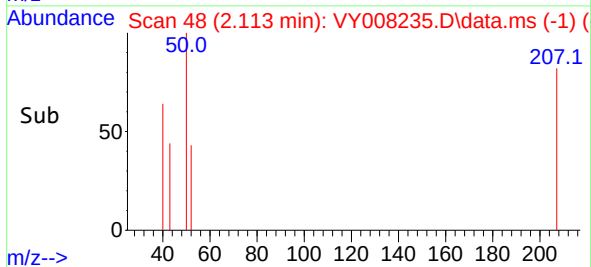
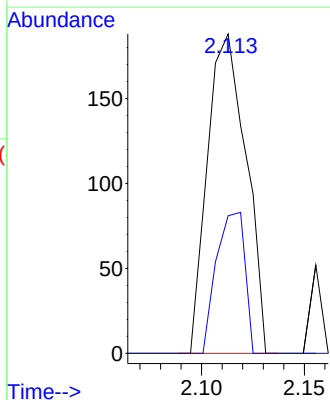
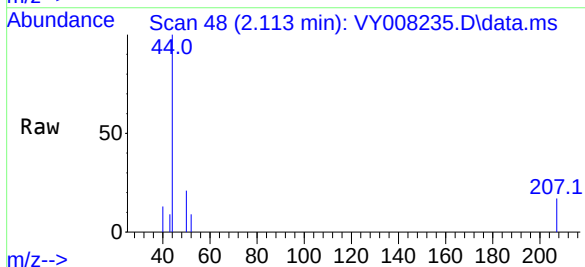
Instrument :
MSVOA_Y
ClientSampleId :
PF-1

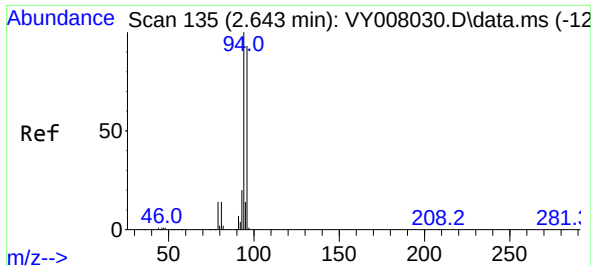
Tgt Ion:168 Resp: 6125
Ion Ratio Lower Upper
168 100
99 42.9 46.9 70.3#



#3
Chloromethane
Concen: 3.644 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion: 50 Resp: 245
Ion Ratio Lower Upper
50 100
52 43.1 24.6 37.0#

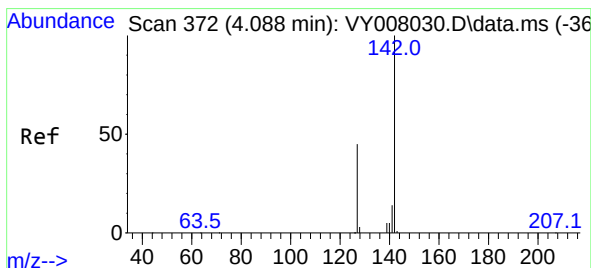
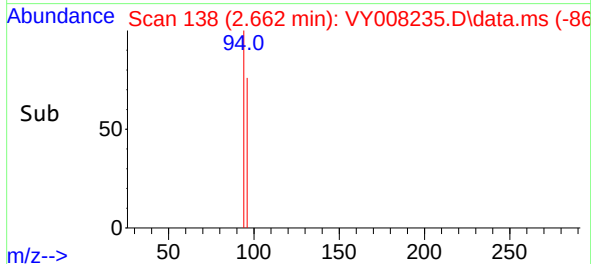
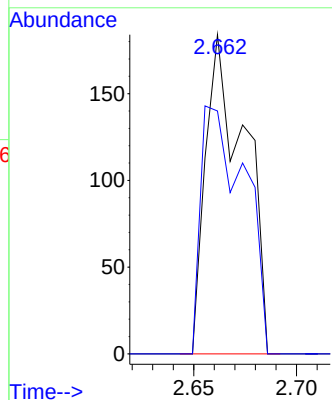
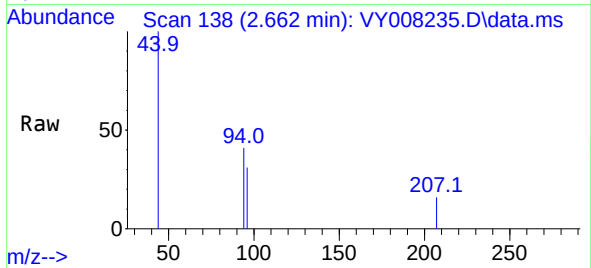




#5
Bromomethane
Concen: 3.301 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

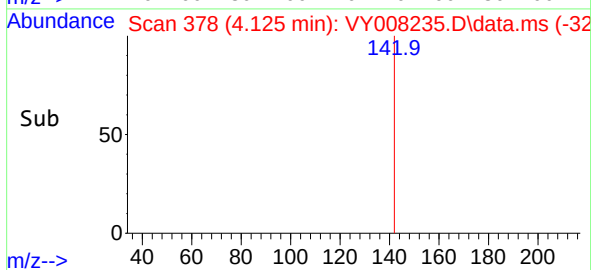
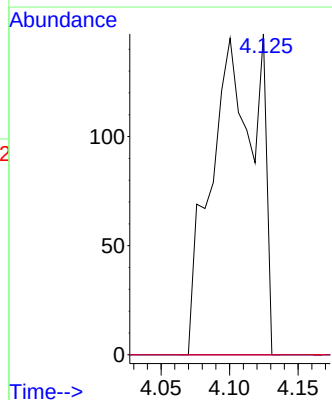
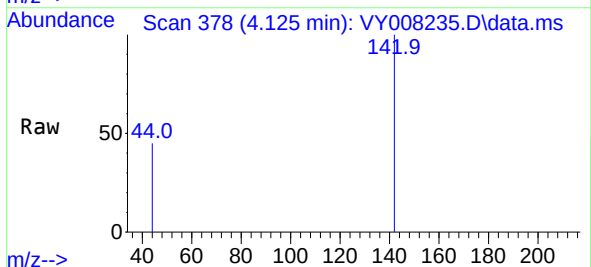
Instrument :
MSVOA_Y
ClientSampleId :
PF-1

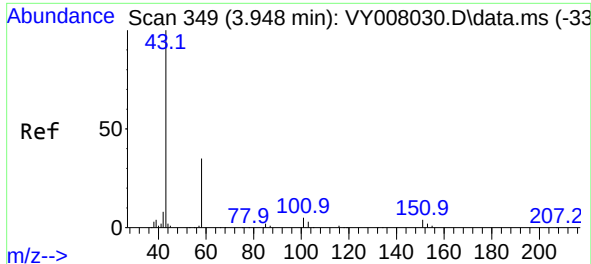
Tgt Ion: 94 Resp: 242
Ion Ratio Lower Upper
94 100
96 76.1 73.5 110.3



#10
Methyl Iodide
Concen: 5.703 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.037 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion:142 Resp: 340
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#16

Acetone

Concen: 1.780 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY008235.D

Acq: 06 Apr 2022 15:21

Instrument :

MSVOA_Y

ClientSampleId :

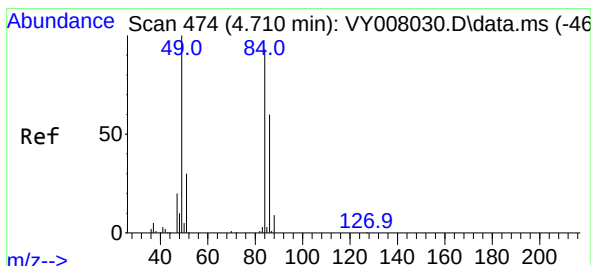
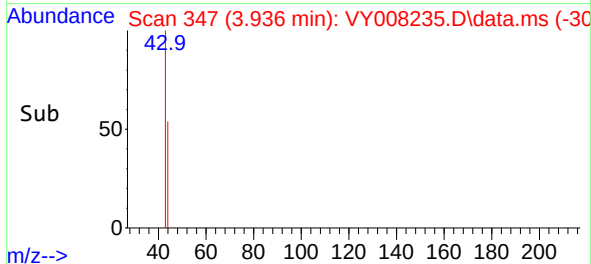
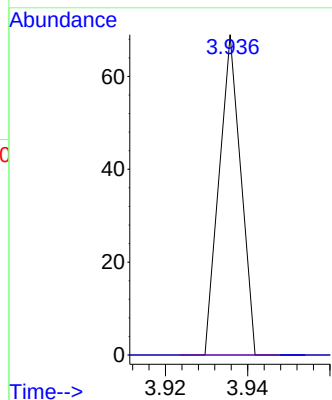
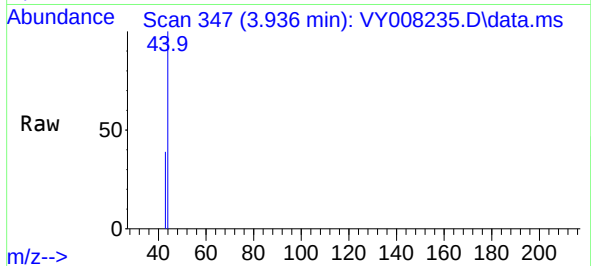
PF-1

Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.000 min

Lab File: VY008235.D

Acq: 06 Apr 2022 15:21

Tgt Ion: 84 Resp: 131

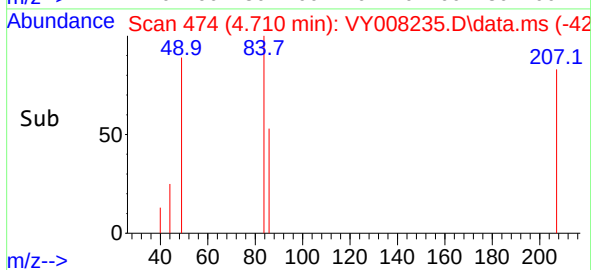
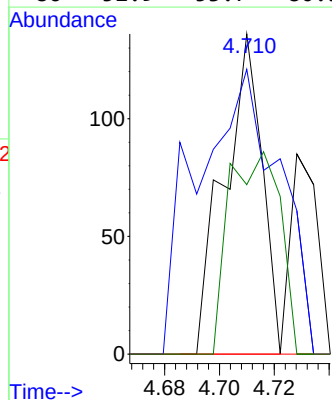
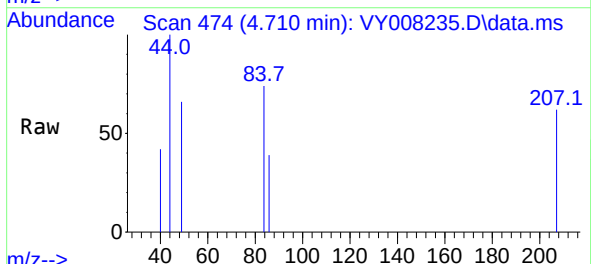
Ion Ratio Lower Upper

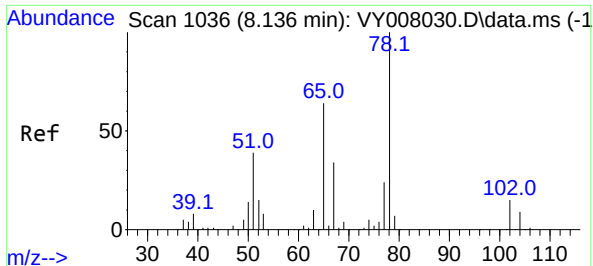
84 100

49 27.9 114.4 171.6#

51 0.0 35.3 52.9#

86 52.9 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 50.478 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008235.D

Acq: 06 Apr 2022 15:21

Instrument :

MSVOA_Y

ClientSampleId :

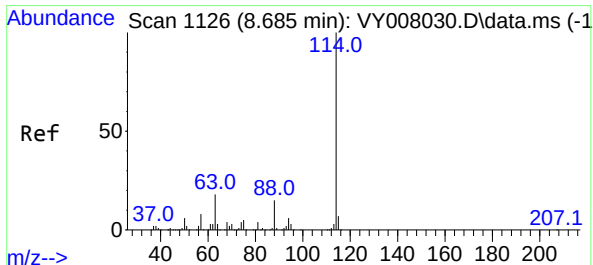
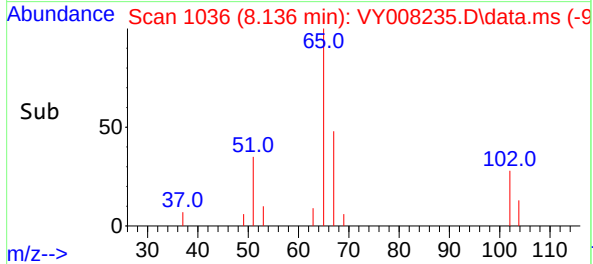
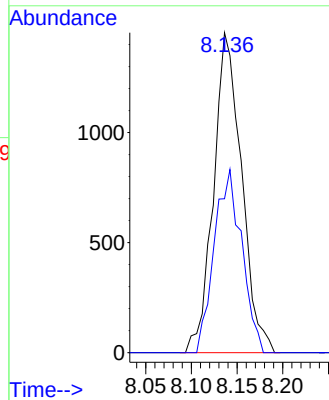
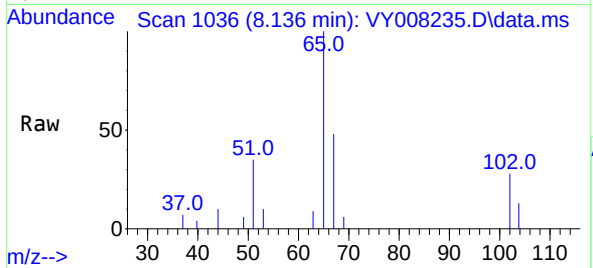
PF-1

Tgt Ion: 65 Resp: 3102

Ion Ratio Lower Upper

65 100

67 56.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008235.D

Acq: 06 Apr 2022 15:21

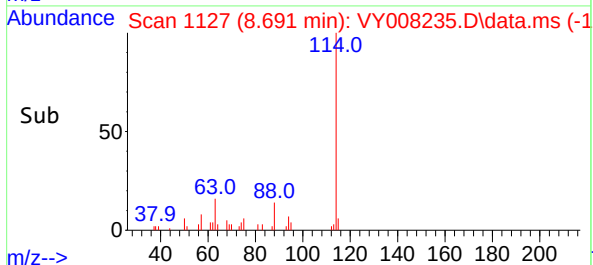
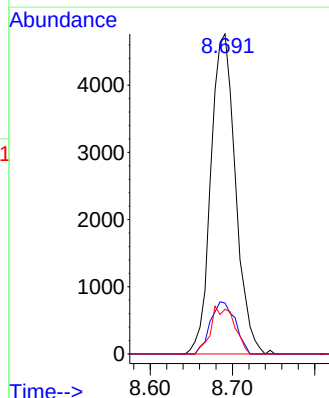
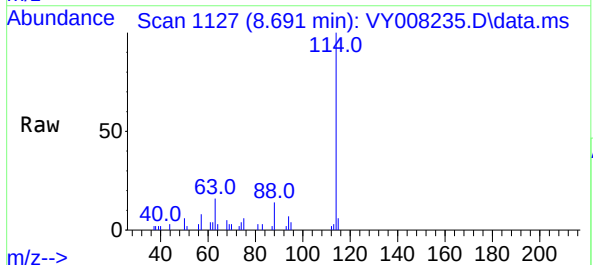
Tgt Ion: 114 Resp: 9904

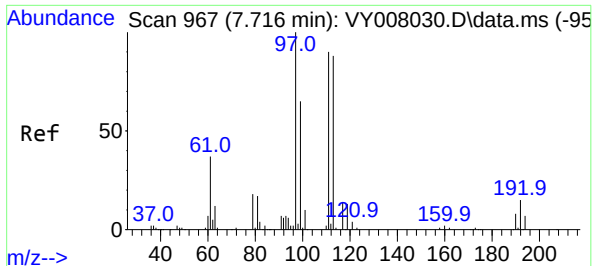
Ion Ratio Lower Upper

114 100

63 15.9 0.0 43.2

88 14.0 0.0 31.8

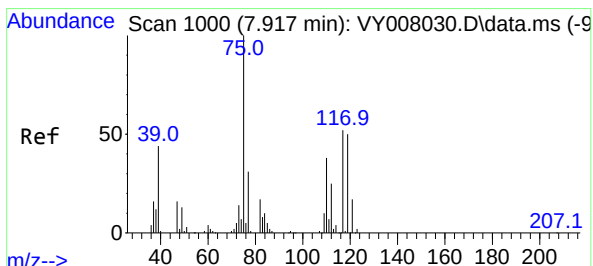
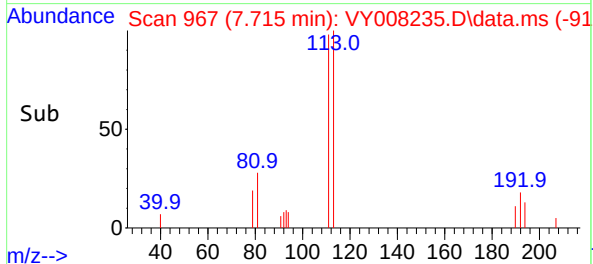
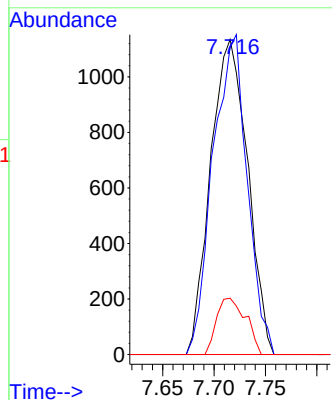
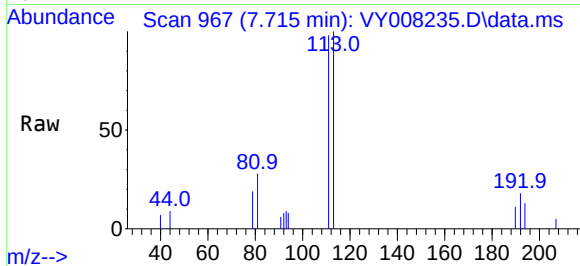




#35
Dibromofluoromethane
Concen: 45.833 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

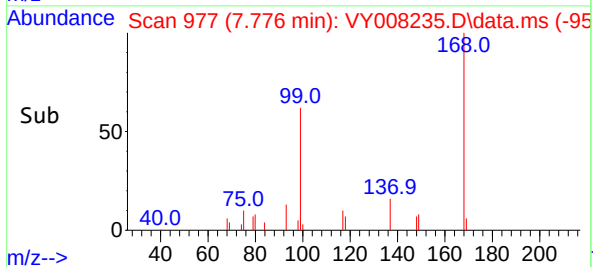
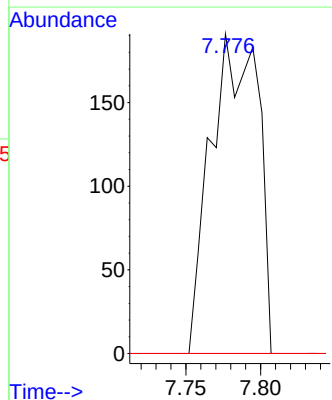
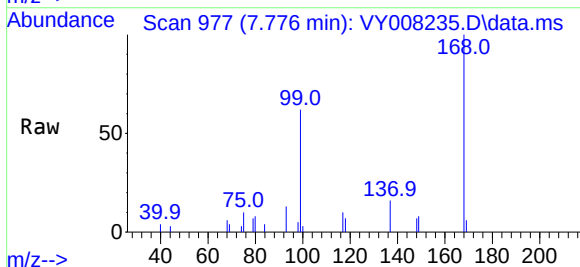
Instrument :
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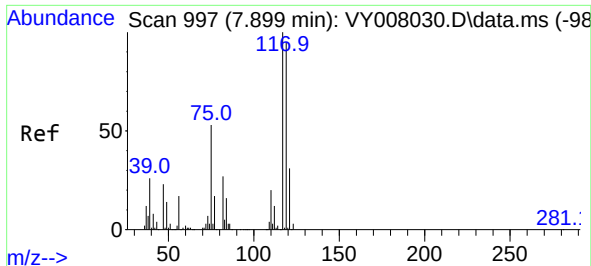
Tgt Ion:113 Resp: 2846
Ion Ratio Lower Upper
113 100
111 93.7 82.6 124.0
192 14.1 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.316 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.141 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion: 75 Resp: 421
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

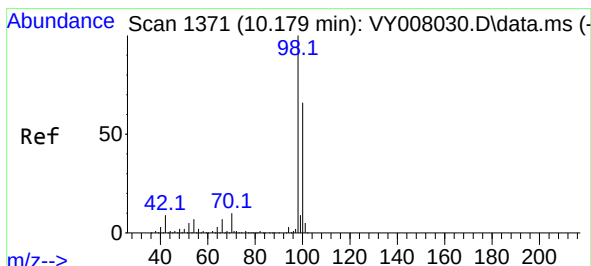
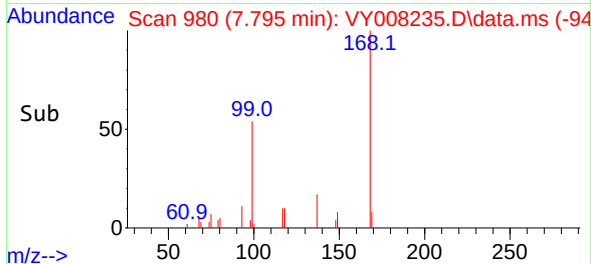
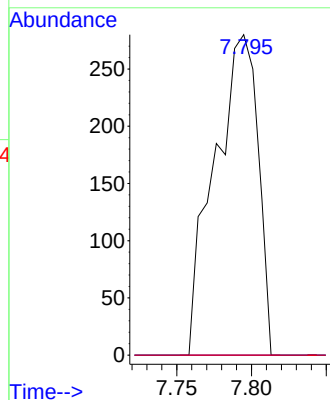
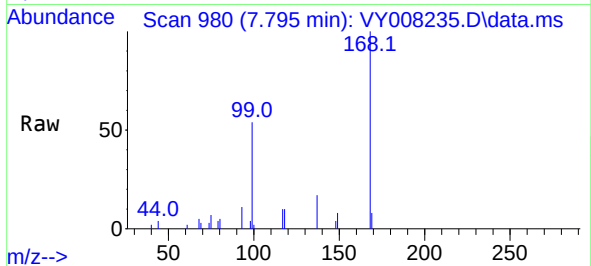




#38
Carbon Tetrachloride
Concen: 5.325 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

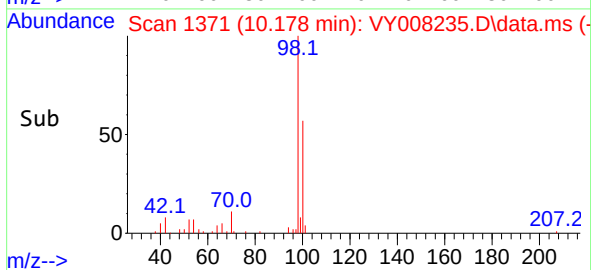
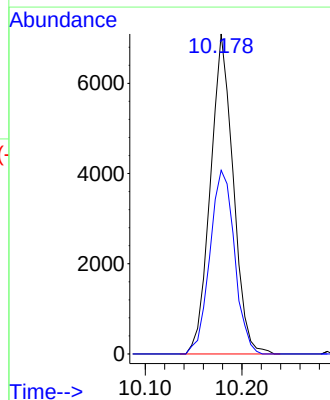
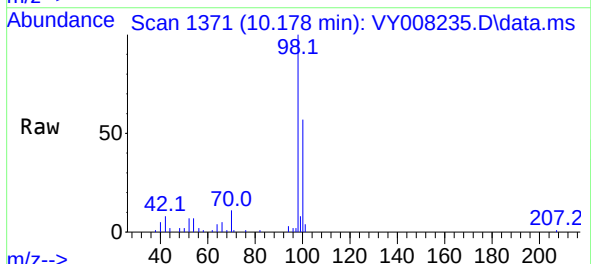
Instrument :
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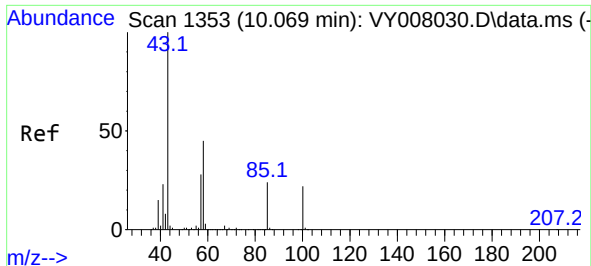
Tgt Ion:117 Resp: 566
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.606 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion: 98 Resp: 11605
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2

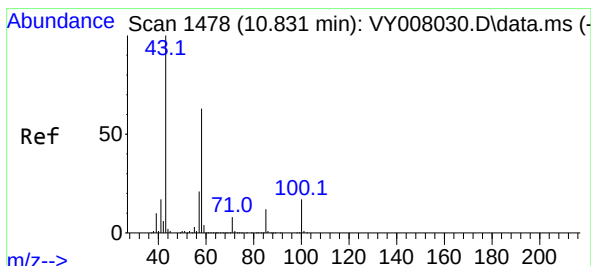
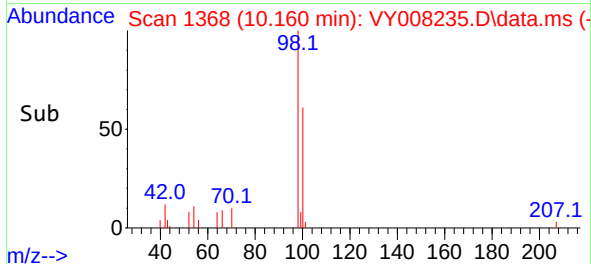
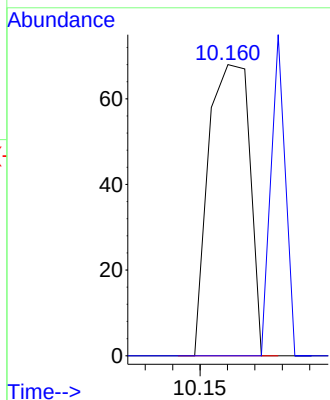
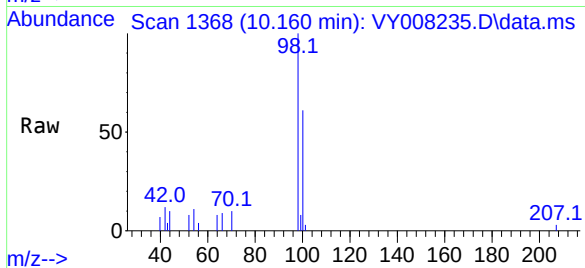




#51
4-Methyl-2-Pentanone
Concen: 1.574 ug/l
RT: 10.160 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

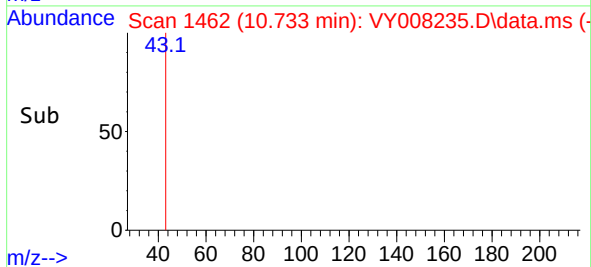
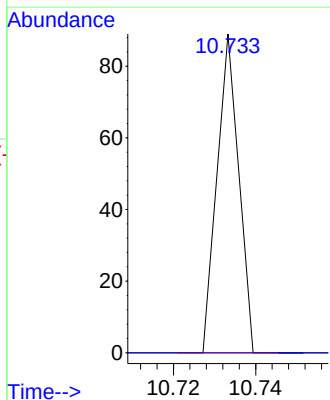
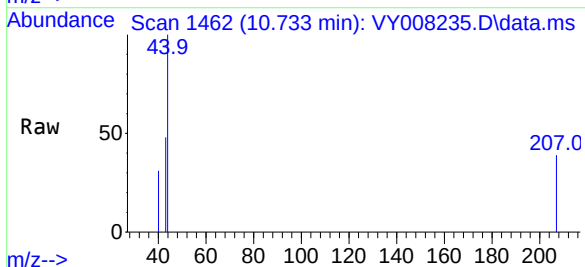
Instrument :
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ClientSampleId :
PF-1

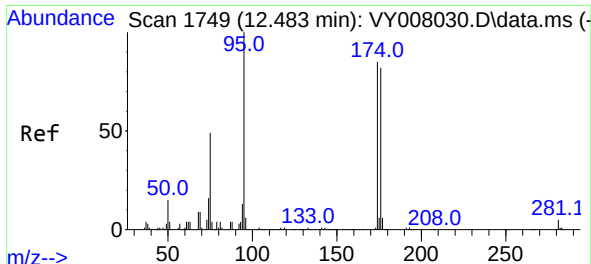
Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 38.0 28.1 42.1



#59
2-Hexanone
Concen: 1.045 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.098 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

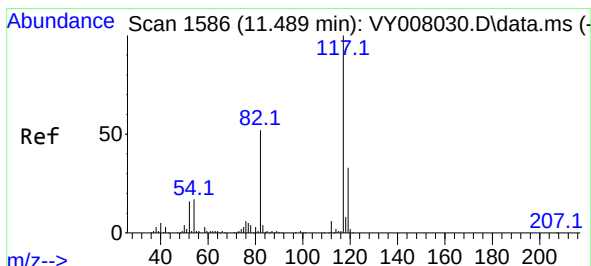
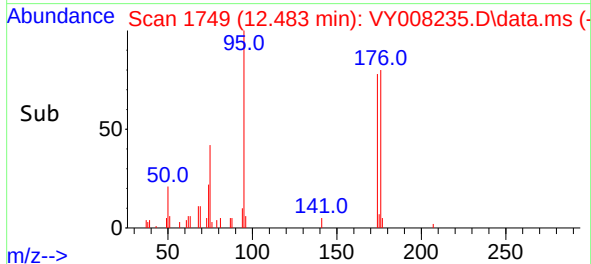
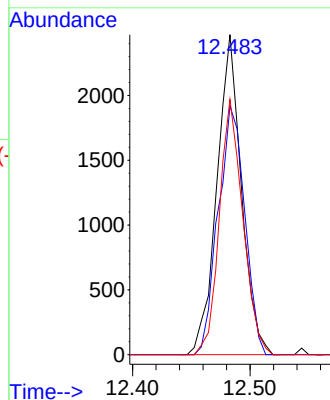
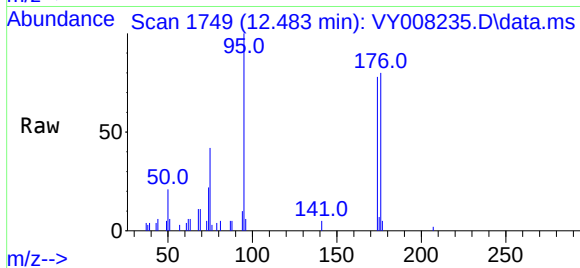




#62
4-Bromofluorobenzene
Concen: 43.423 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

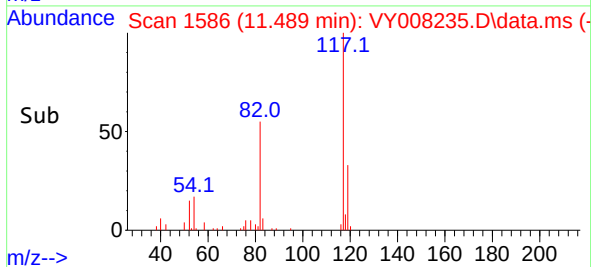
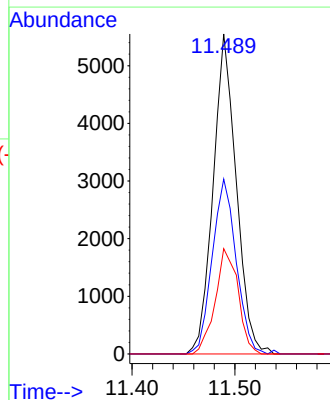
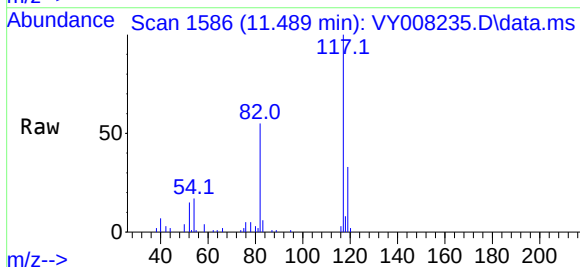
Instrument :
MSVOA_Y
ClientSampleId :
PF-1

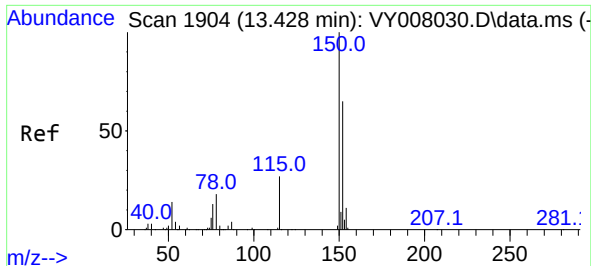
Tgt Ion:	95	Resp:	3584
Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	177.0
176	76.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion:	117	Resp:	8656
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	32.9	25.4	38.0

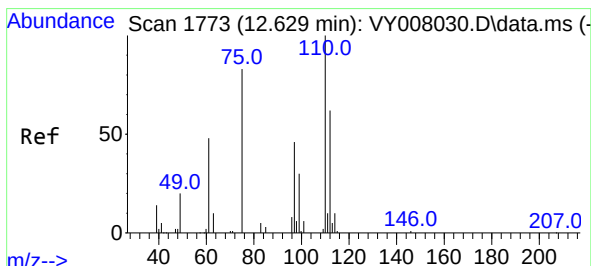
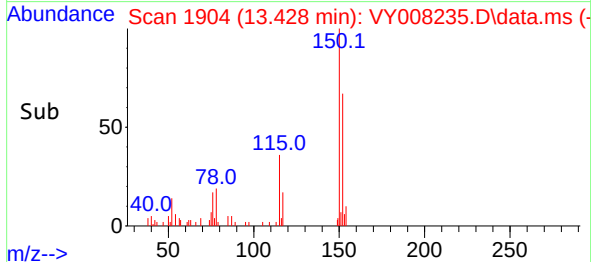
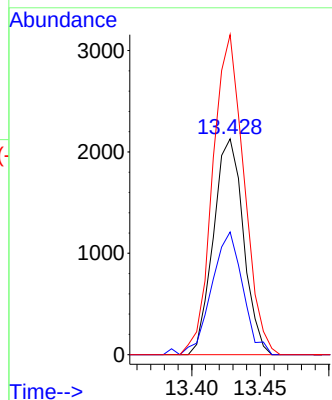
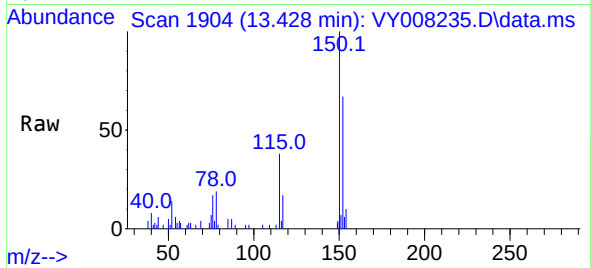




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008235.D
 Acq: 06 Apr 2022 15:21

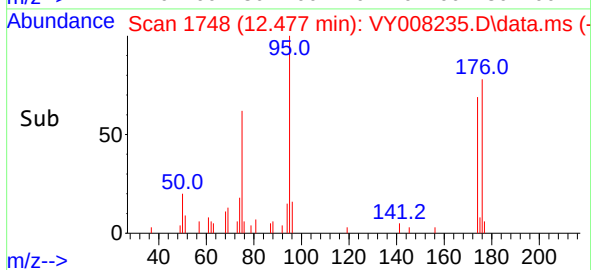
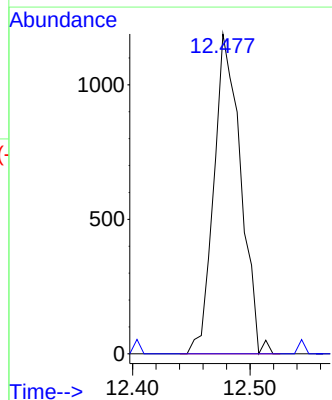
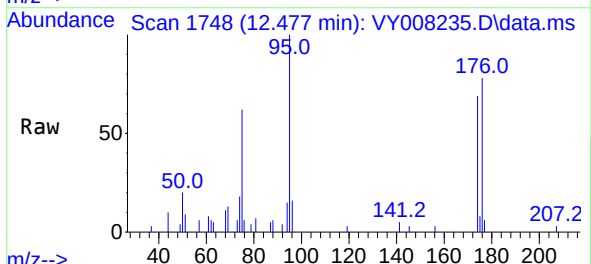
Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-1

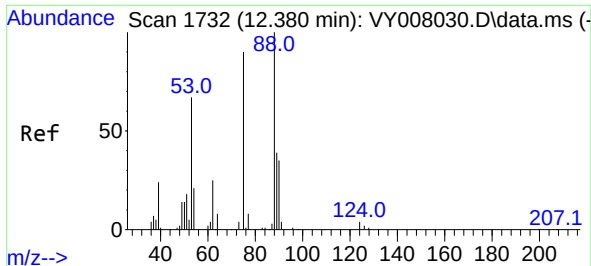
Tgt Ion:152 Resp: 3245
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.2 84.7
 150 154.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.678 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY008235.D
 Acq: 06 Apr 2022 15:21

Tgt Ion: 75 Resp: 1886
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

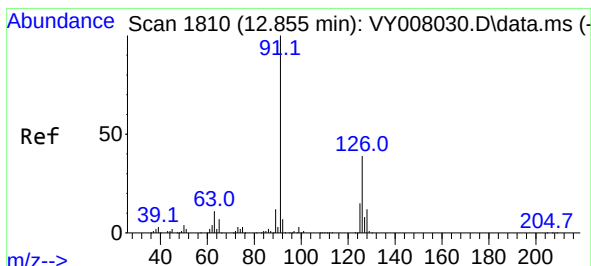
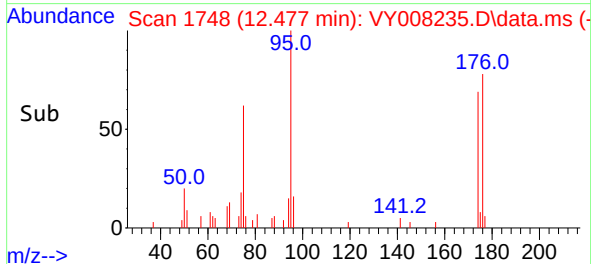
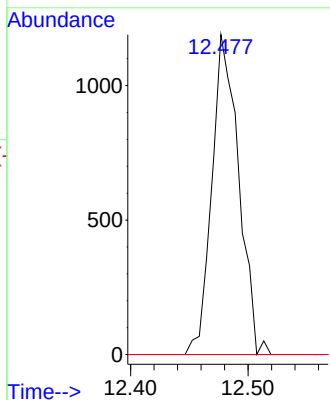
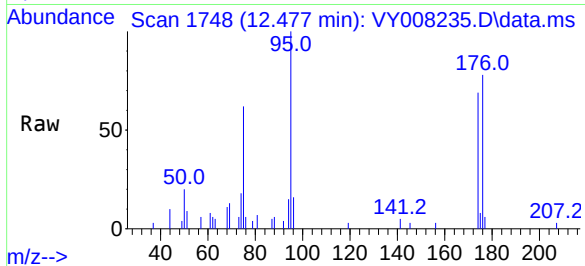




#81
trans-1,4-Dichloro-2-butene
Concen: 106.378 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

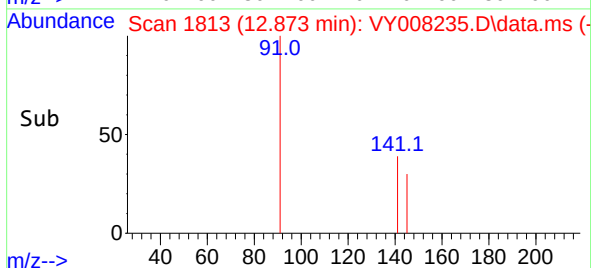
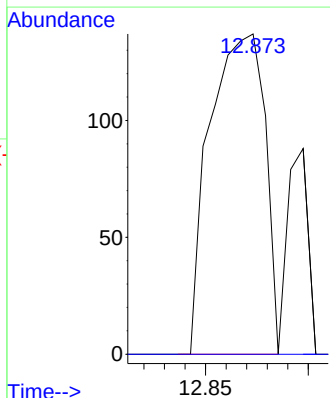
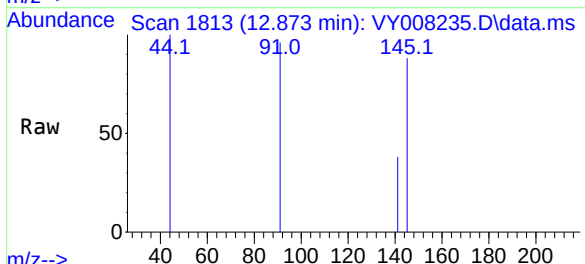
Instrument :
MSVOA_Y
ClientSampleId :
PF-1

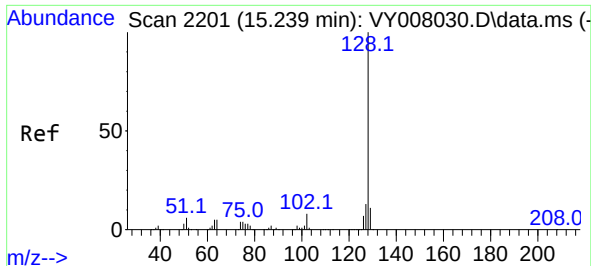
Tgt Ion: 75 Resp: 1886
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 1.418 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.018 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion: 91 Resp: 255
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#





#95

Naphthalene

Concen: 1.148 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY008235.D

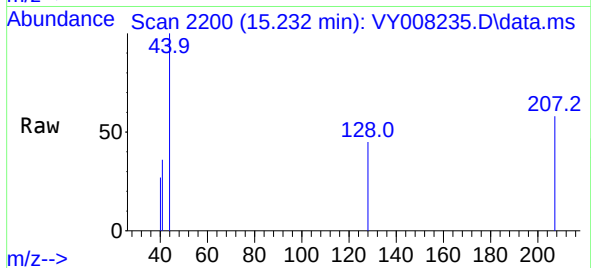
Acq: 06 Apr 2022 15:21

Instrument :

MSVOA_Y

ClientSampleId :

PF-1



Tgt Ion:128 Resp: 163

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

