

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007974.D
 Acq On : 22 Mar 2022 00:20
 Operator : SY/MD
 Sample : N2039-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-031822

Quant Time: Mar 22 03:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

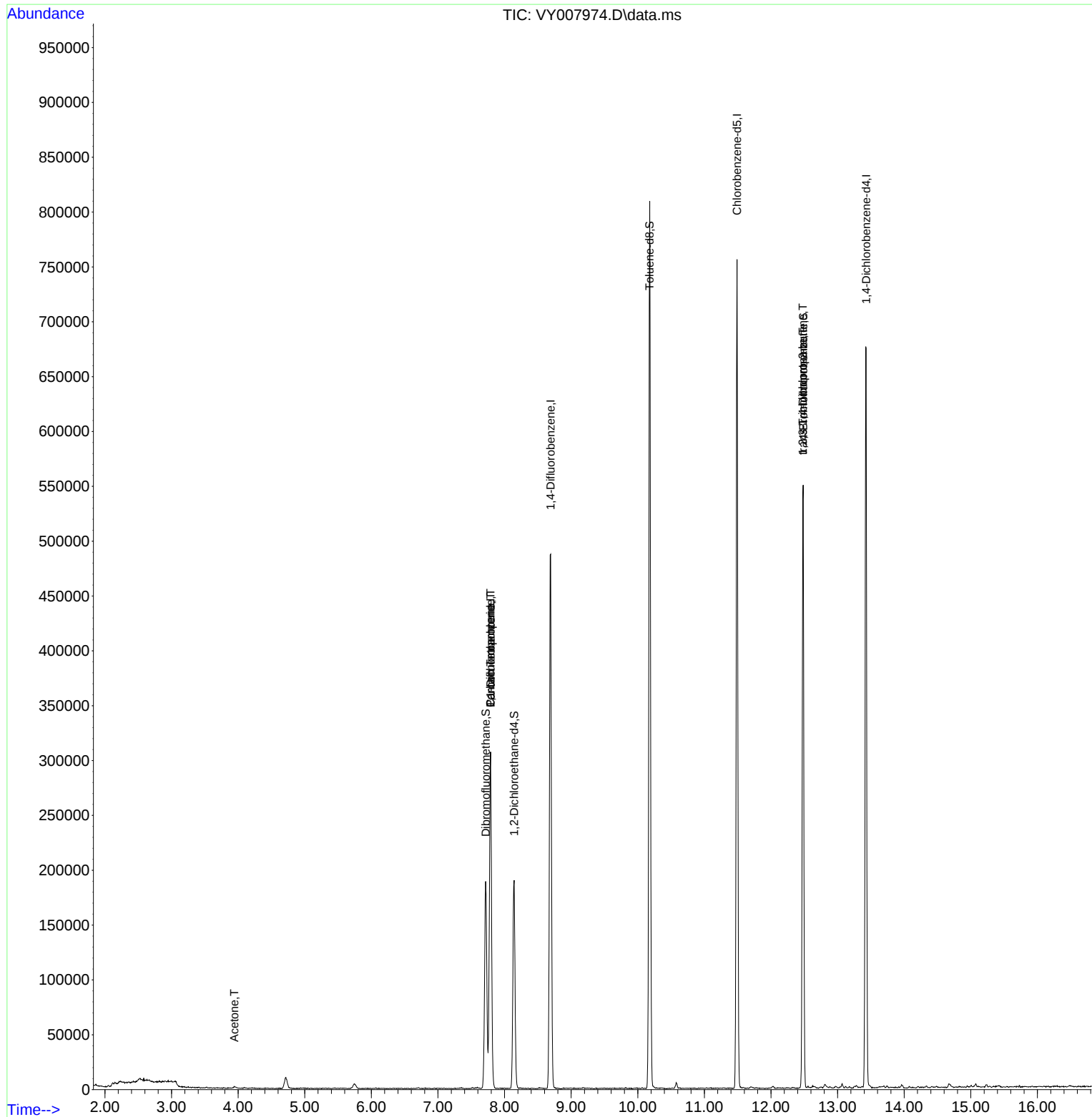
Internal Standards						
1) Pentafluorobenzene	7.789	168	224708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	391132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145995	56.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.960%	
35) Dibromofluoromethane	7.716	113	132287	44.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.720%	
50) Toluene-d8	10.179	98	523610	59.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.940%	
62) 4-Bromofluorobenzene	12.483	95	181572	42.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.168	85	19	Below Cal	#	43
3) Chloromethane	2.107	50	1014	Below Cal	#	87
4) Vinyl Chloride	2.266	62	108	Below Cal	#	43
5) Bromomethane	2.662	94	651	Below Cal	#	18
16) Acetone	3.942	43	2748	4.043	ug/l #	79
17) Carbon Disulfide	4.204	76	238	Below Cal	#	75
18) Methyl Acetate	4.466	43	145	Below Cal	#	56
20) Methylene Chloride	4.716	84	7570	Below Cal		85
31) Cyclohexane	7.789	56	5735	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	19753	4.516	ug/l #	50
38) Carbon Tetrachloride	7.789	117	22885	4.897	ug/l #	16
39) Methylcyclohexane	9.185	83	214	Below Cal	#	34
76) 1,2,3-Trichloropropane	12.477	75	95848	40.828	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	95848	85.756	ug/l #	7

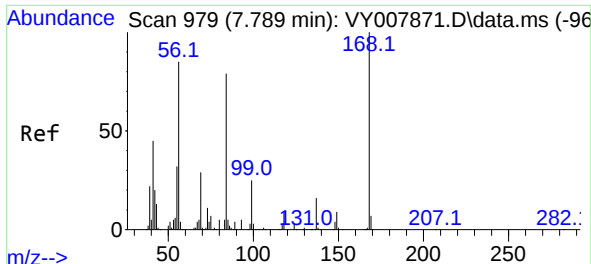
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
Data File : VY007974.D
Acq On : 22 Mar 2022 00:20
Operator : SY/MD
Sample : N2039-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

Quant Time: Mar 22 03:44:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

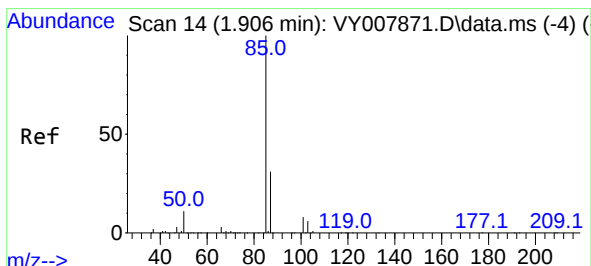
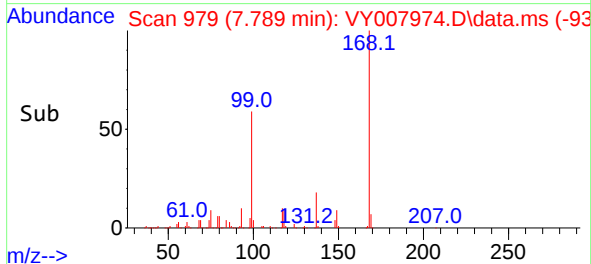
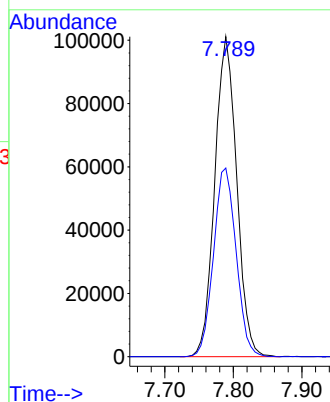
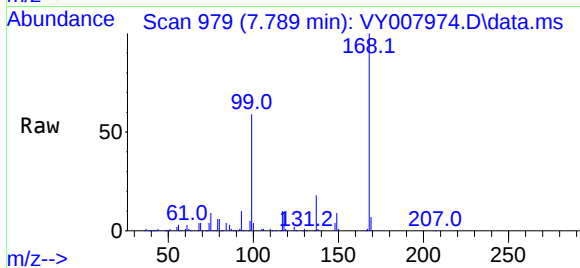




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

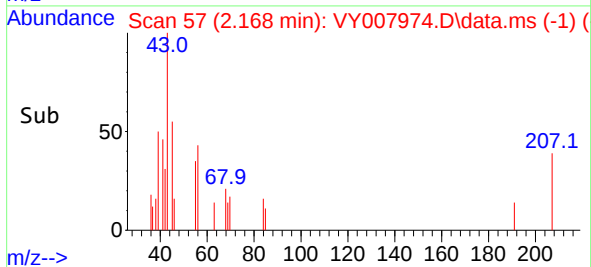
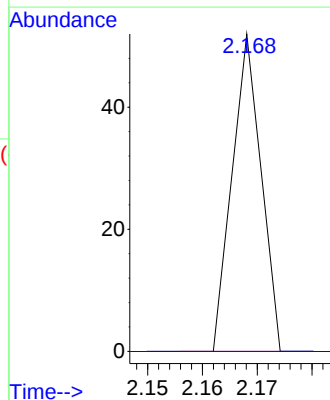
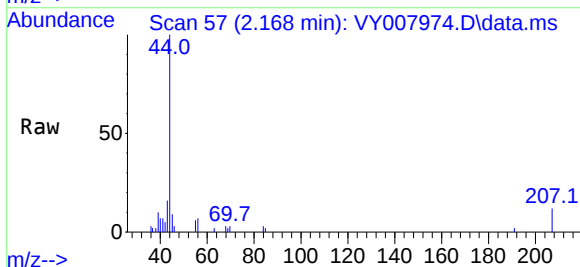
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

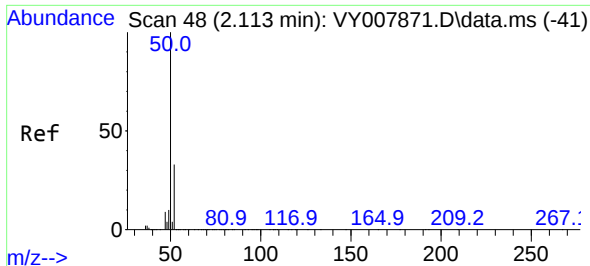
Tgt Ion:168 Resp: 224708
Ion Ratio Lower Upper
168 100
99 58.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.168 min Scan# 57
Delta R.T. 0.262 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

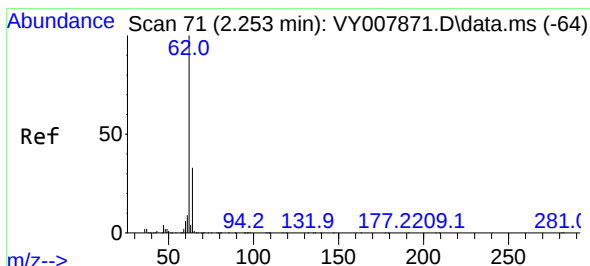
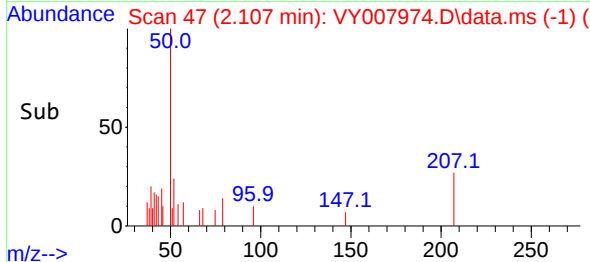
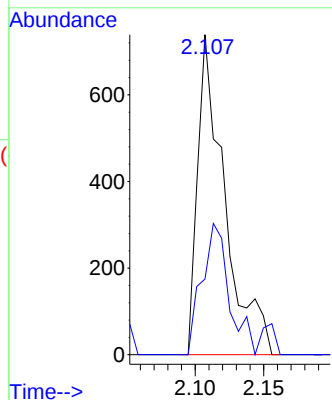
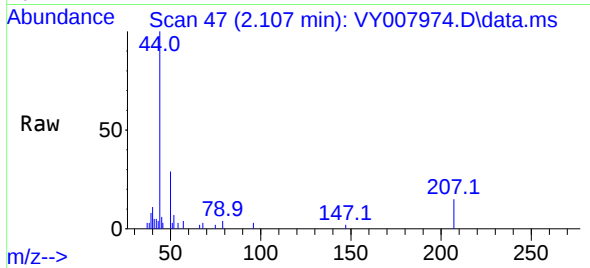




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

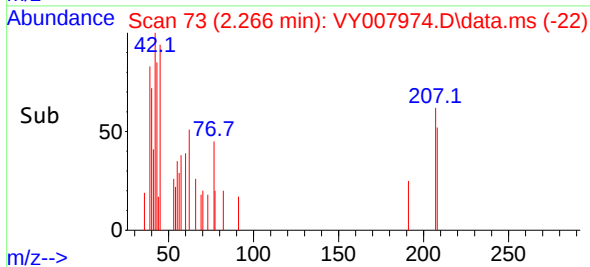
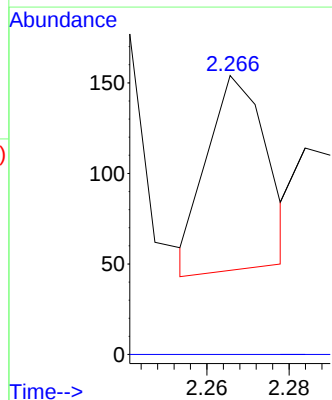
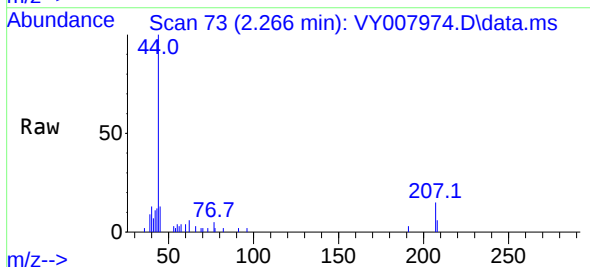
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

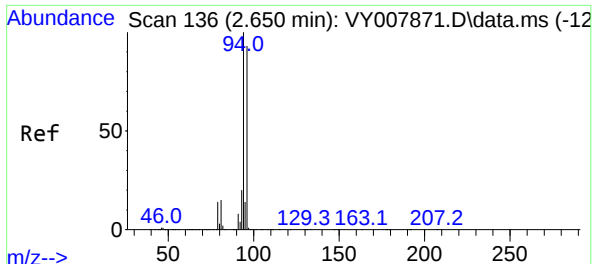
Tgt Ion: 50 Resp: 1014
Ion Ratio Lower Upper
50 100
52 23.7 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 62 Resp: 108
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

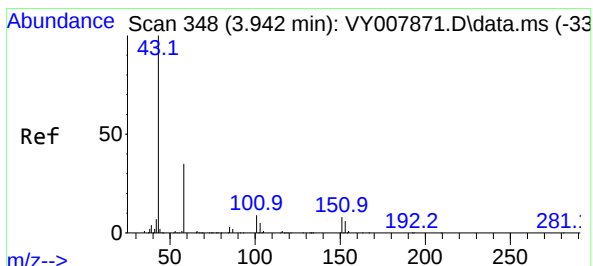
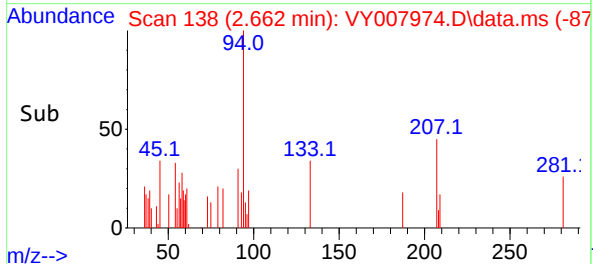
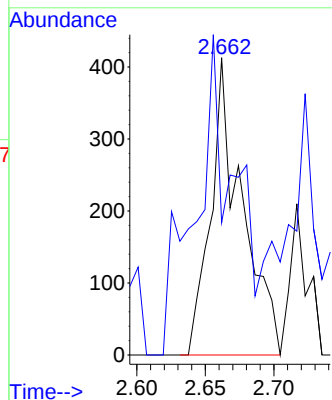
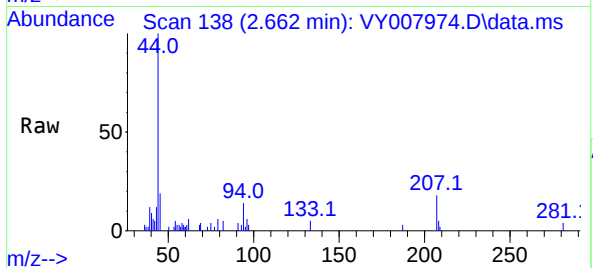




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

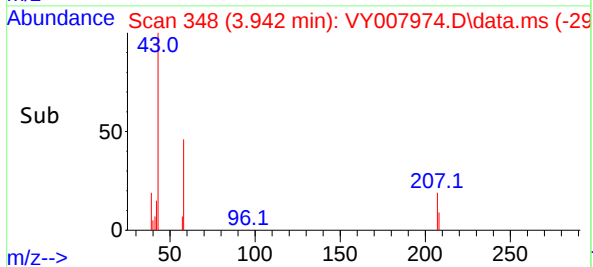
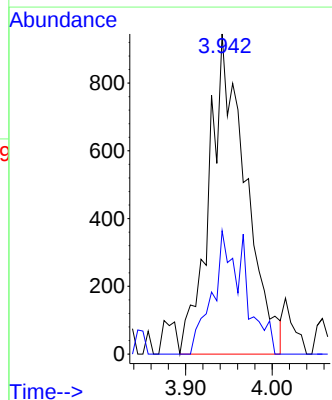
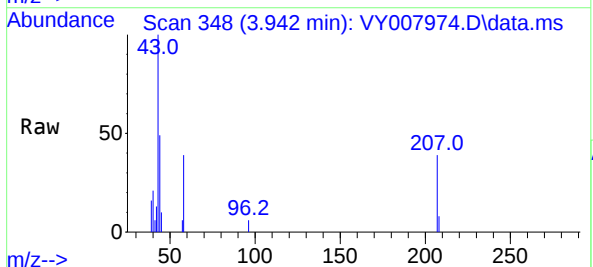
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

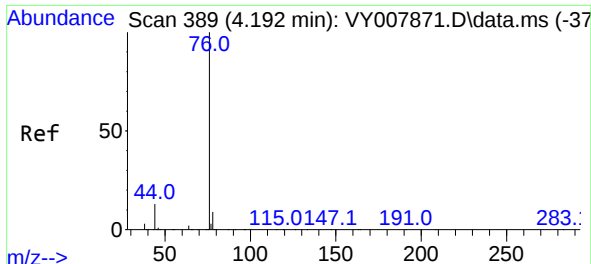
Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 13.3 73.5 110.3#



#16
Acetone
Concen: 4.043 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
58 38.5 22.0 33.0#

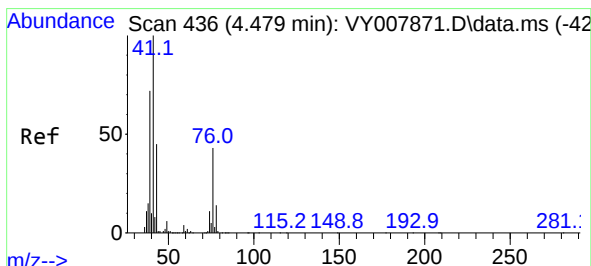
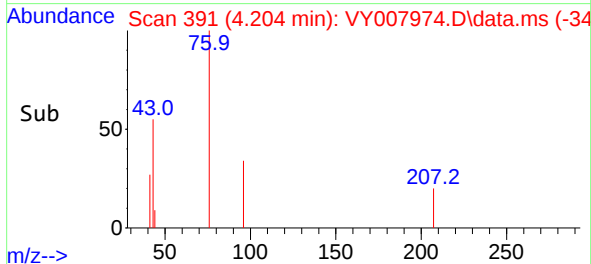
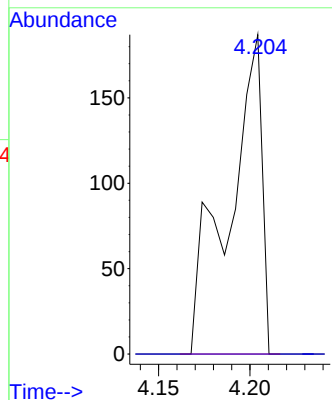
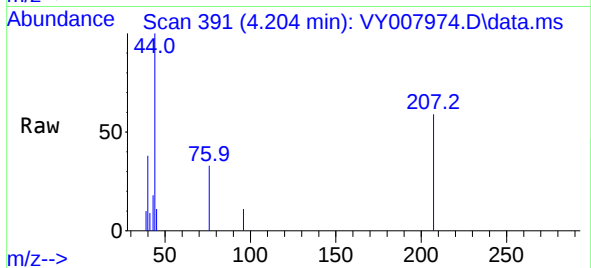




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

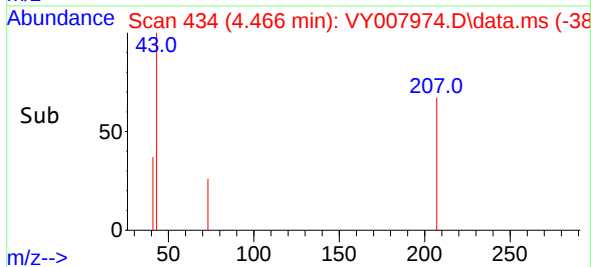
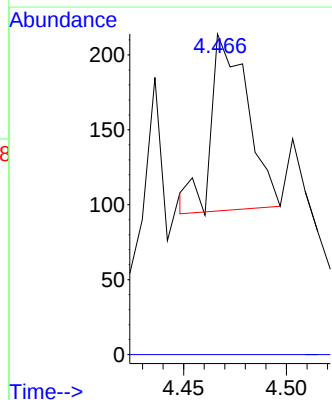
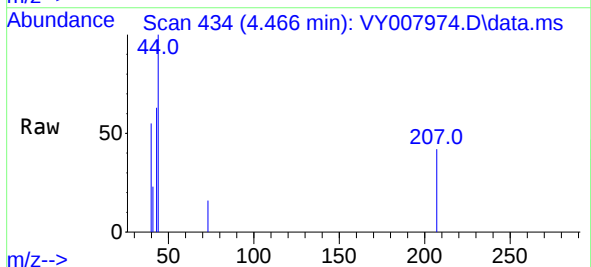
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

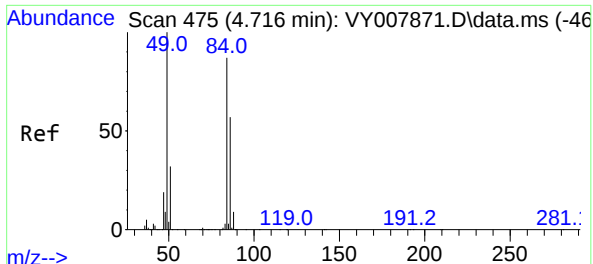
Tgt Ion: 76 Resp: 238
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 43 Resp: 145
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



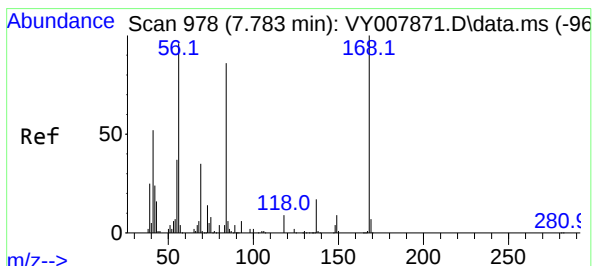
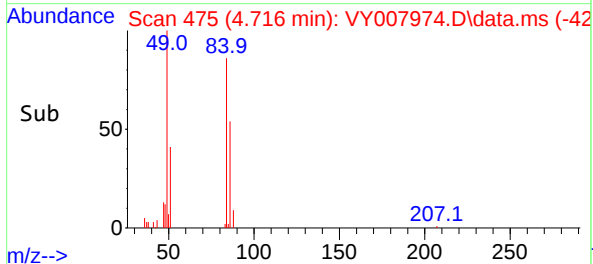
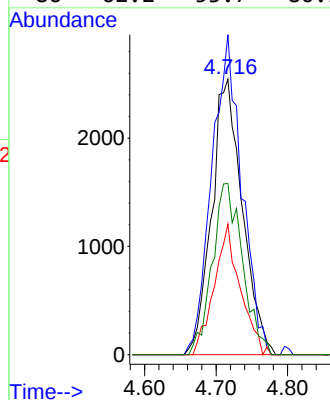
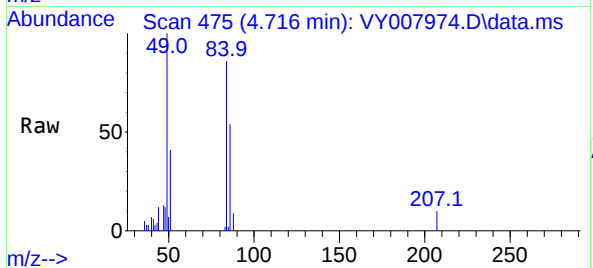


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

Tgt Ion: 84 Resp: 7570

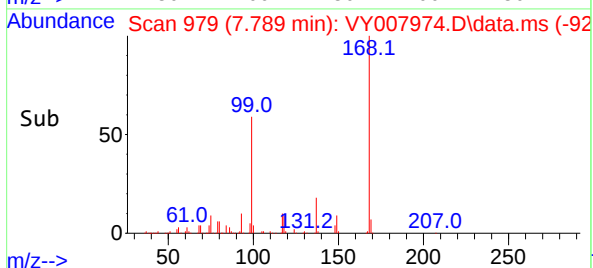
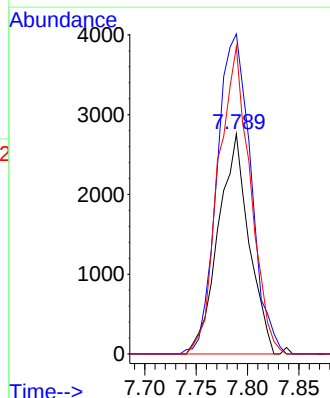
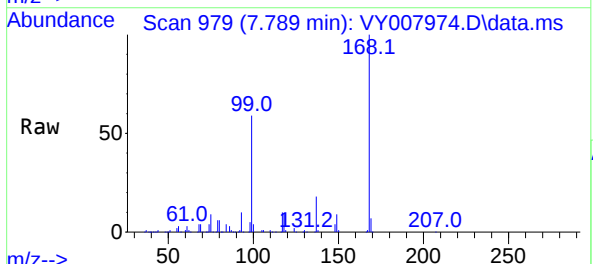
Ion	Ratio	Lower	Upper
84	100		
49	116.1	114.4	171.6
51	47.4	35.3	52.9
86	62.2	53.7	80.5

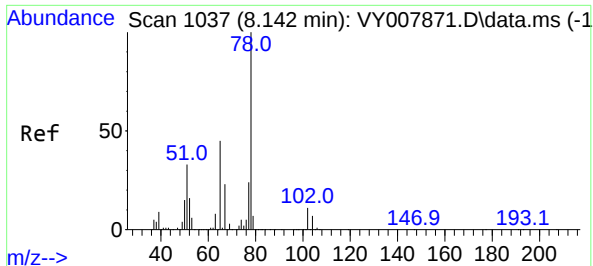


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 56 Resp: 5735

Ion	Ratio	Lower	Upper
56	100		
69	145.5	26.7	40.1#
84	139.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.983 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007974.D

Acq: 22 Mar 2022 00:20

Instrument :

MSVOA_Y

ClientSampleId :

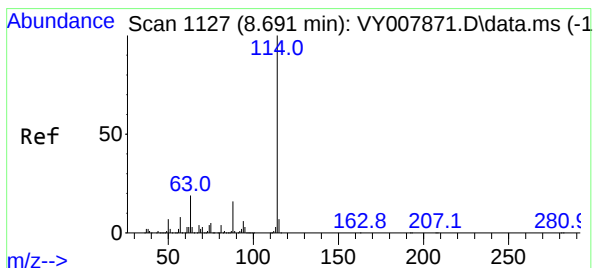
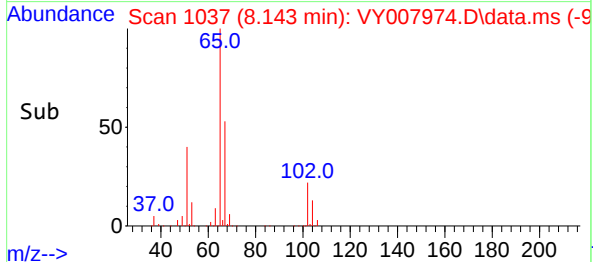
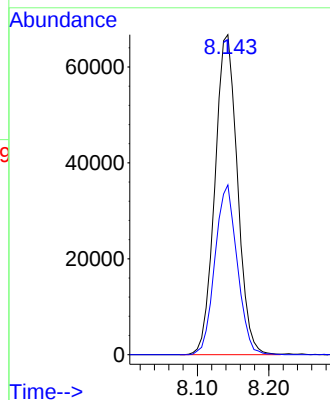
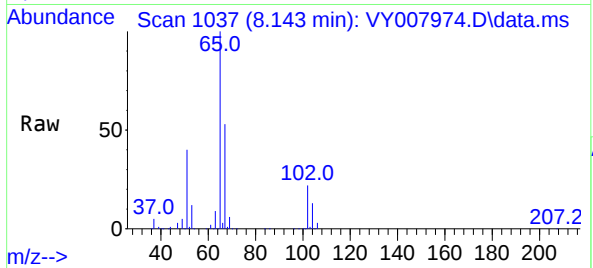
OK-03-031822

Tgt Ion: 65 Resp: 145995

Ion Ratio Lower Upper

65 100

67 52.5 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: VY007974.D

Acq: 22 Mar 2022 00:20

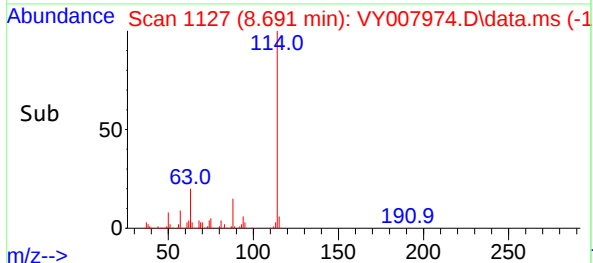
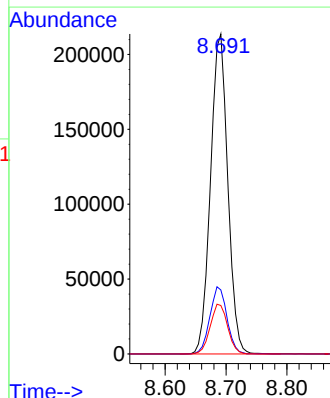
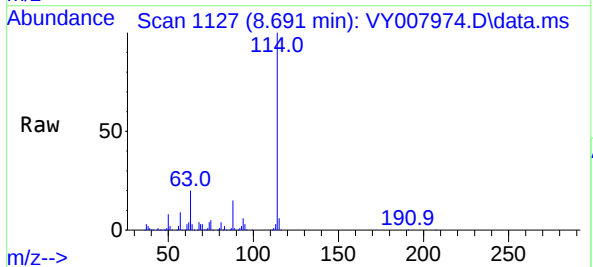
Tgt Ion: 114 Resp: 419876

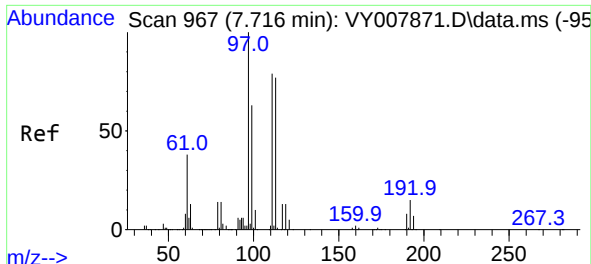
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.2 0.0 31.8

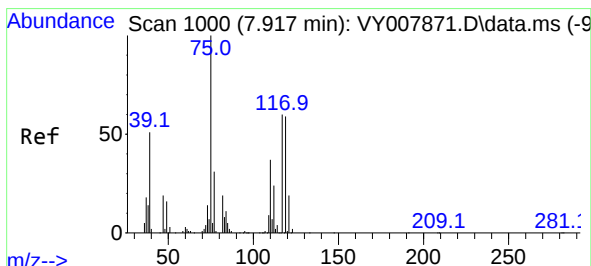
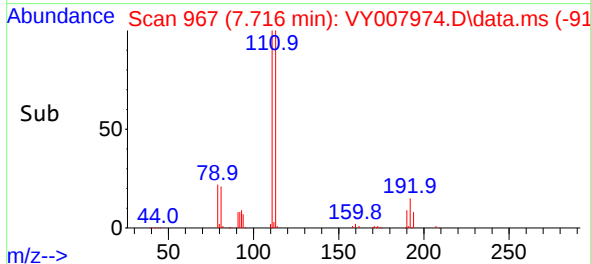
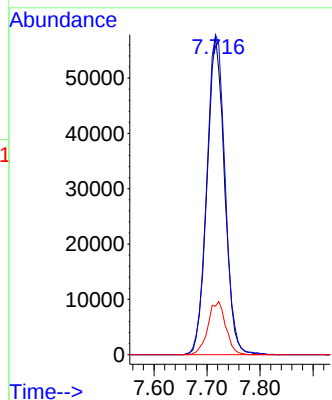
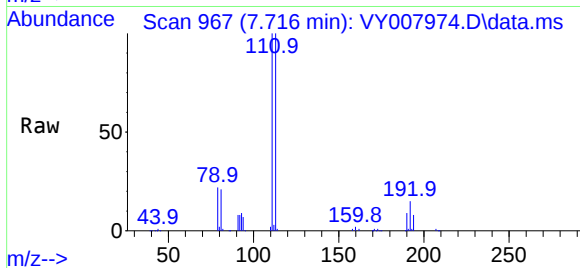




#35
Dibromofluoromethane
Concen: 44.862 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

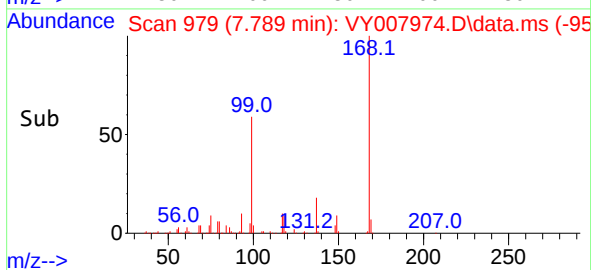
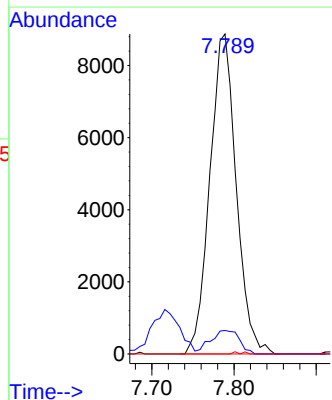
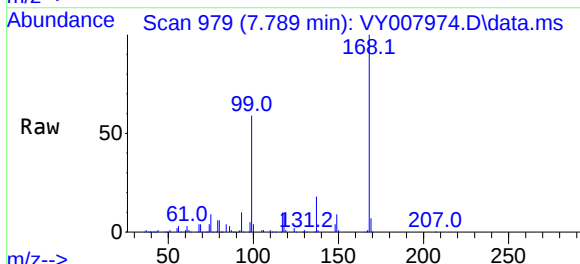
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

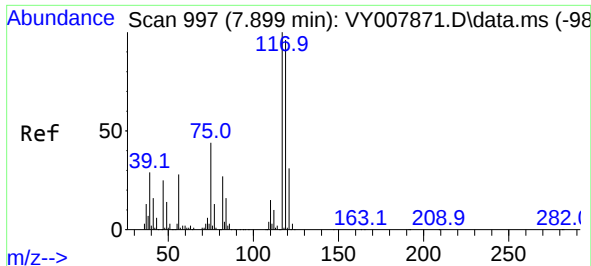
Tgt Ion:113 Resp: 132287
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 16.9 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 75 Resp: 19753
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.2 24.4 36.6#

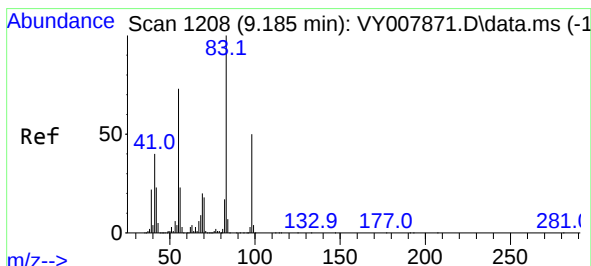
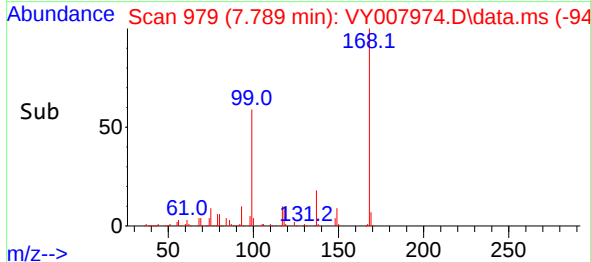
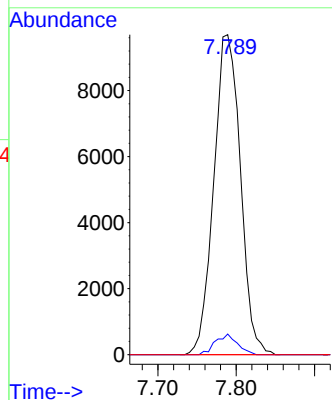
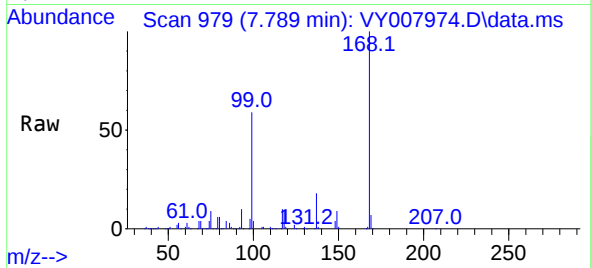




#38
Carbon Tetrachloride
Concen: 4.897 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

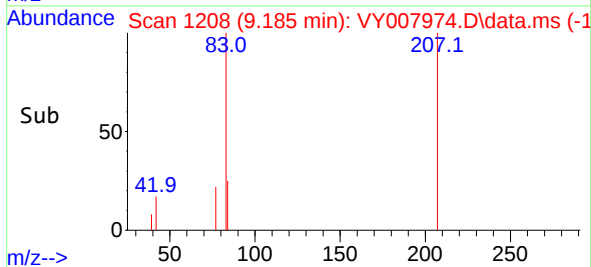
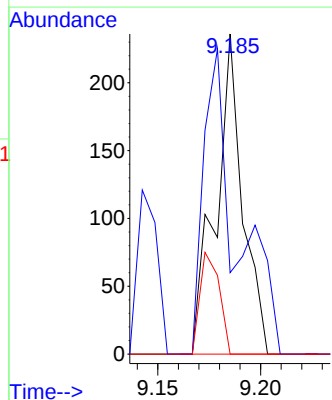
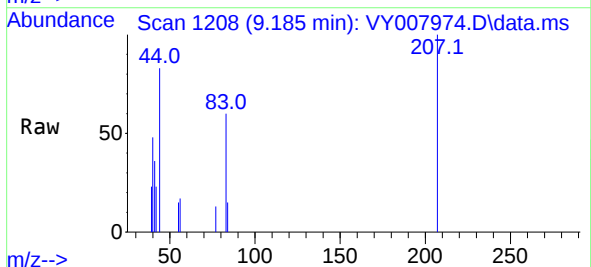
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

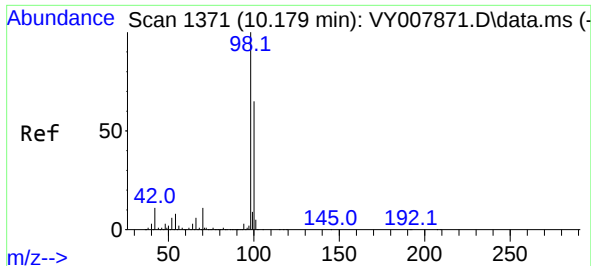
Tgt Ion:117 Resp: 22885
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 83 Resp: 214
Ion Ratio Lower Upper
83 100
55 25.4 66.5 99.7#
98 0.0 37.9 56.9#

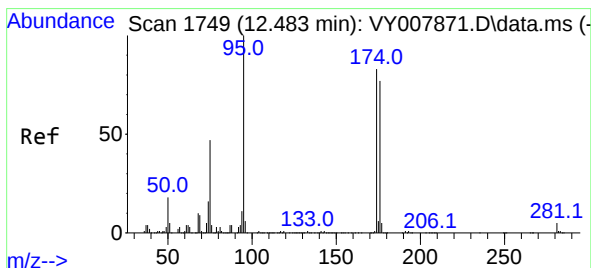
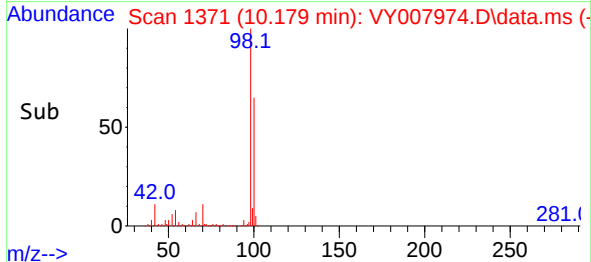
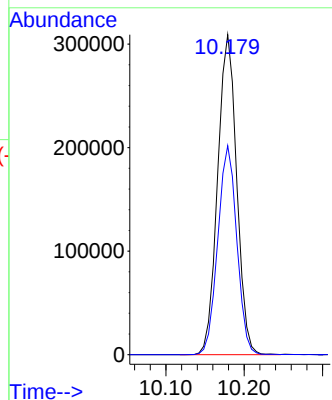
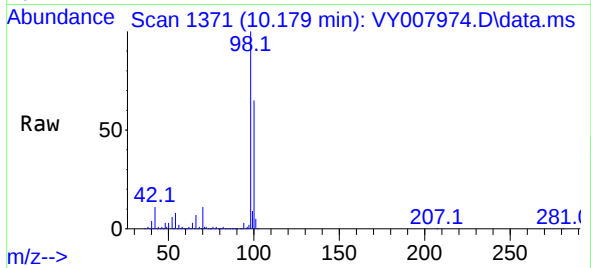




#50
Toluene-d8
Concen: 59.975 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

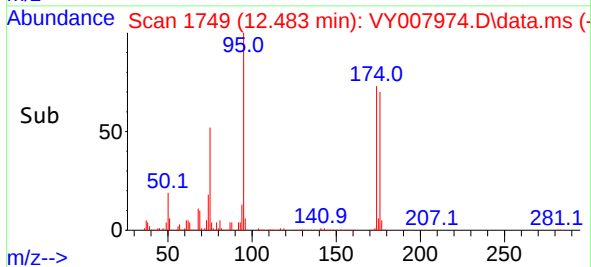
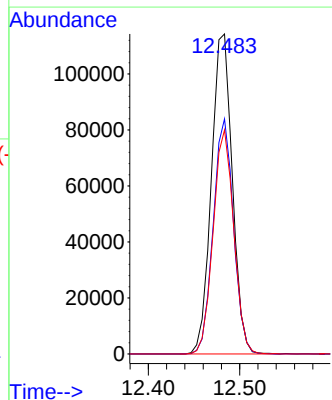
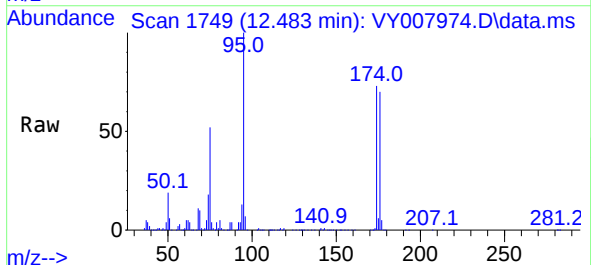
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

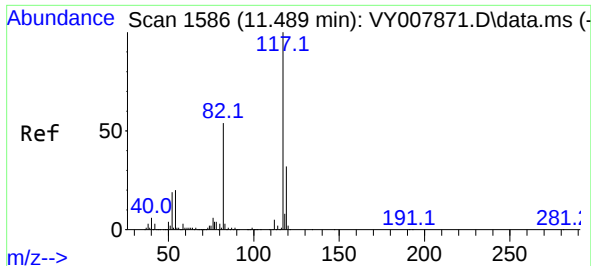
Tgt Ion: 98 Resp: 523610
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.904 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 95 Resp: 181572
Ion Ratio Lower Upper
95 100
174 71.2 0.0 177.0
176 68.9 0.0 175.8

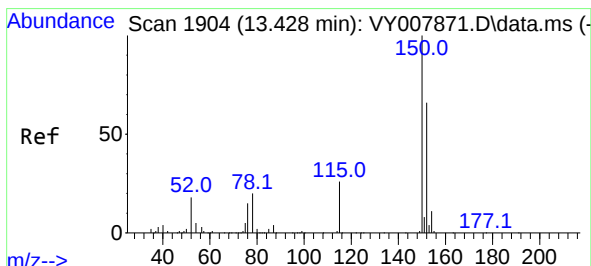
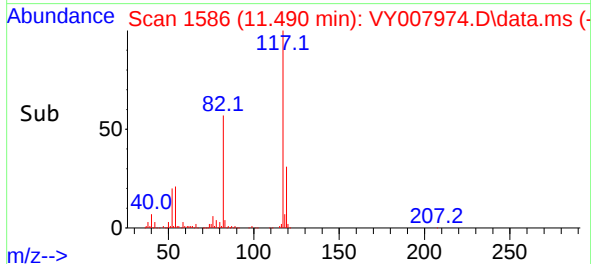
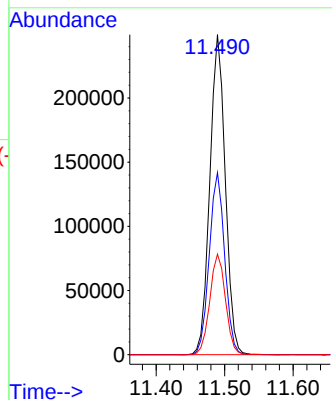
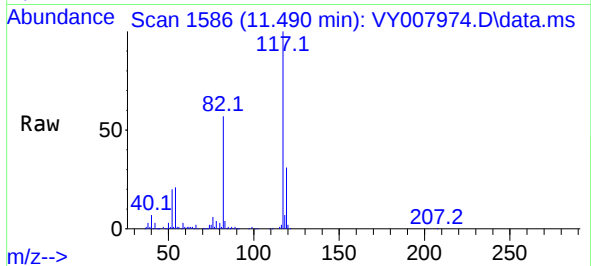




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

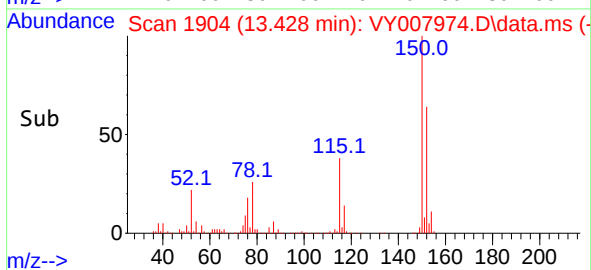
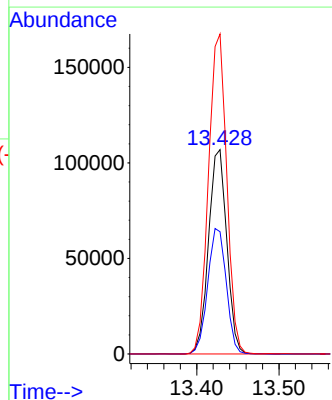
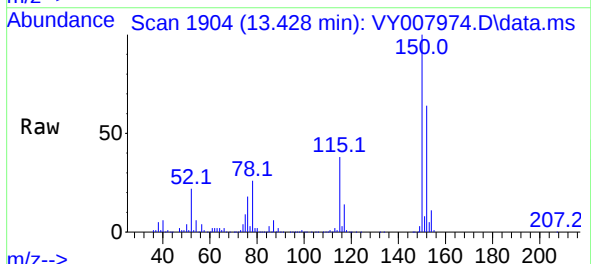
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

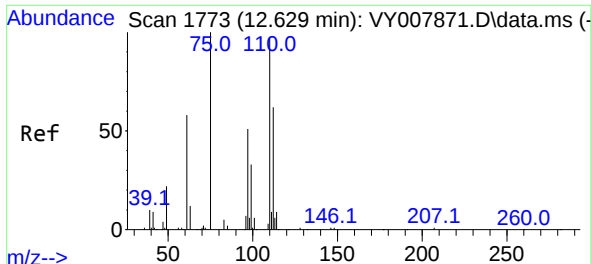
Tgt Ion:	117	Resp:	391132
Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.0	64.4
119	31.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion:	152	Resp:	164704
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	156.8	0.0	347.6

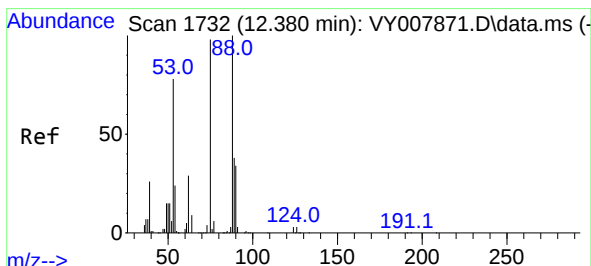
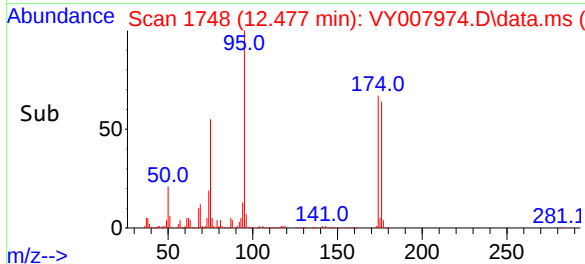
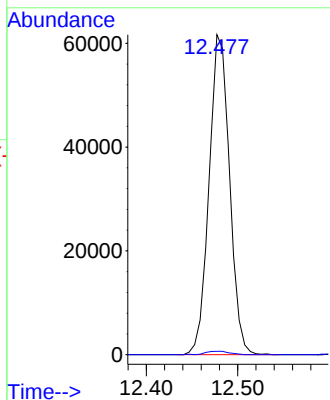
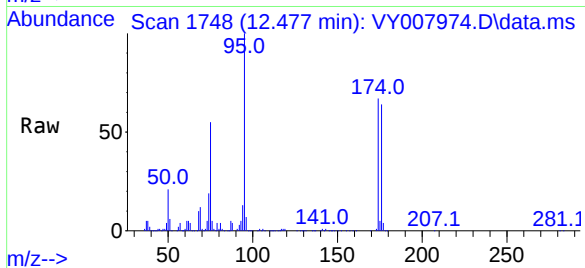




#76
1,2,3-Trichloropropane
Concen: 40.828 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-031822

Tgt Ion: 75 Resp: 95848
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.756 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY007974.D
Acq: 22 Mar 2022 00:20

Tgt Ion: 75 Resp: 95848
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

