

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007810.D
 Acq On : 09 Mar 2022 19:27
 Operator : SY/MD
 Sample : N1825-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:05:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

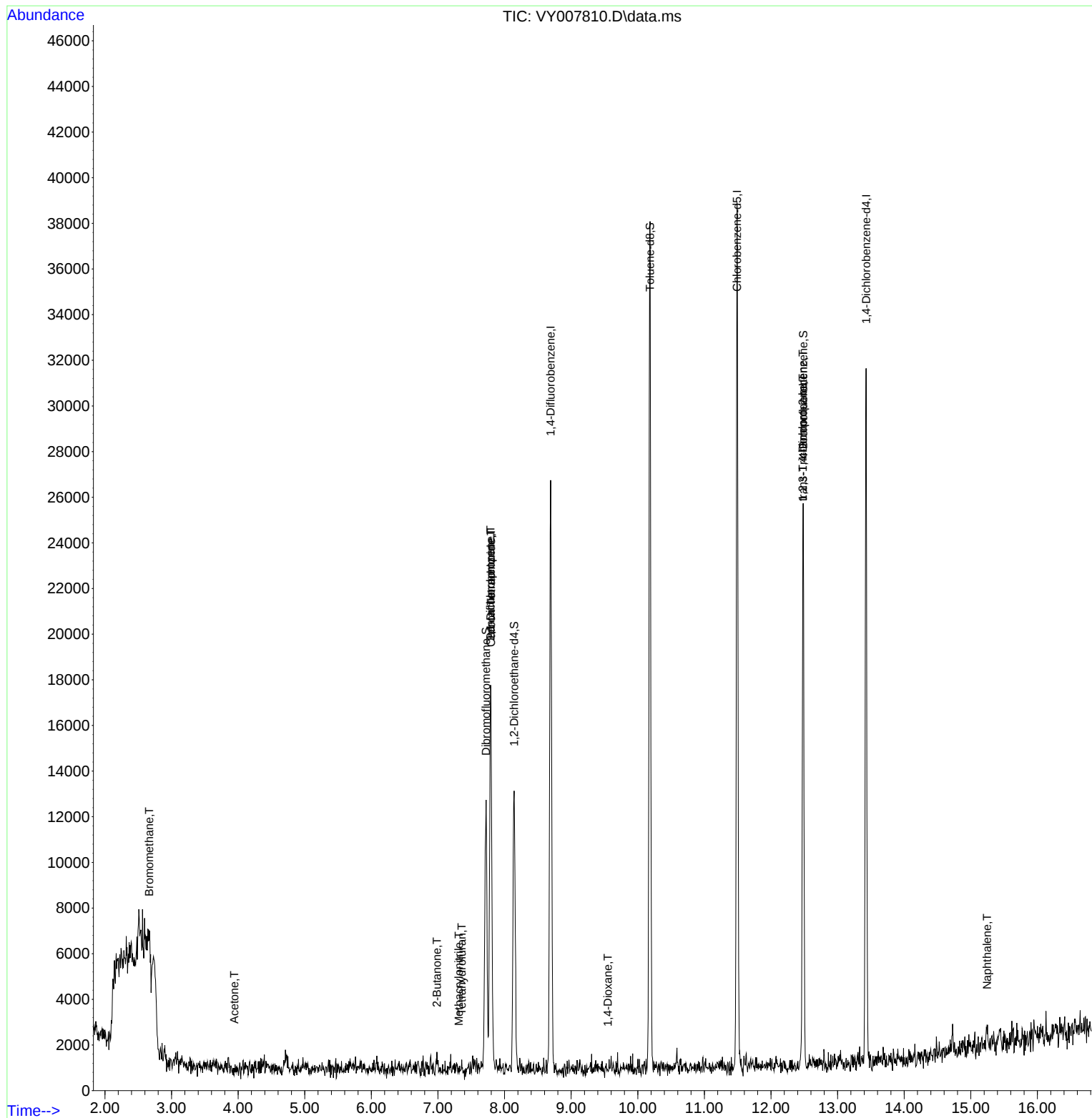
Internal Standards						
1) Pentafluorobenzene	7.789	168	12864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	21600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	19331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9214	68.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.840%
35) Dibromofluoromethane	7.722	113	7749	56.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.220%
50) Toluene-d8	10.185	98	25506	50.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.360%
62) 4-Bromofluorobenzene	12.483	95	7097	43.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.620%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	410	Below Cal		96
5) Bromomethane	2.662	94	439	2.815 ug/l #		65
16) Acetone	3.942	43	49	1.789 ug/l #		1
18) Methyl Acetate	4.460	43	55	Below Cal #		56
20) Methylene Chloride	4.710	84	271	Below Cal #		85
25) 2-Butanone	6.984	43	68	1.480 ug/l #		54
29) Tetrahydrofuran	7.356	42	60	1.908 ug/l #		38
31) Cyclohexane	7.789	56	288	Below Cal #		43
36) 1,1-Dichloropropene	7.789	75	1239	5.703 ug/l #		42
38) Carbon Tetrachloride	7.795	117	1535	6.624 ug/l #		11
41) Methacrylonitrile	7.314	41	59	1.029 ug/l #		31
49) 1,4-Dioxane	9.551	88	23	20.300 ug/l #		20
76) 1,2,3-Trichloropropane	12.477	75	3871	48.270 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.477	75	3871	98.682 ug/l #		8
95) Naphthalene	15.245	128	505	1.722 ug/l #		69

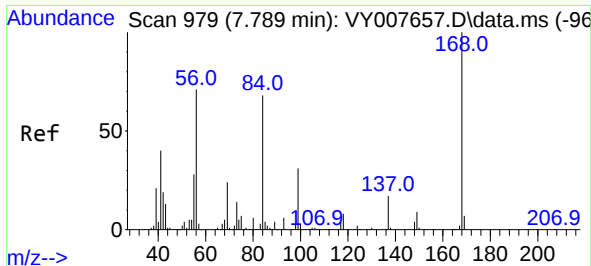
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
Data File : VY007810.D
Acq On : 09 Mar 2022 19:27
Operator : SY/MD
Sample : N1825-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Mar 10 01:05:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

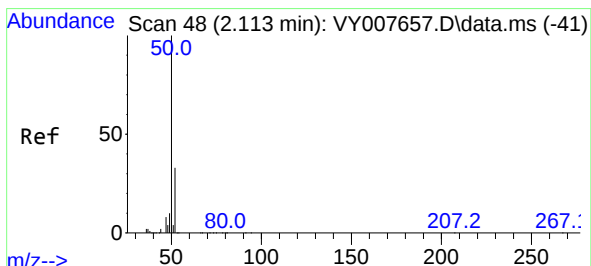
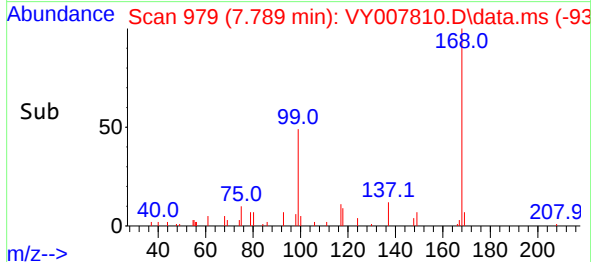
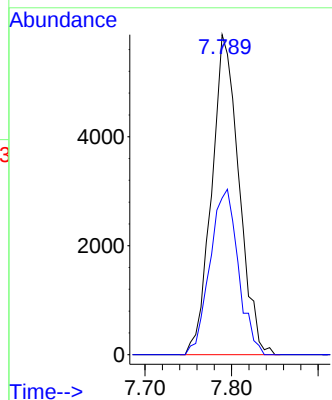
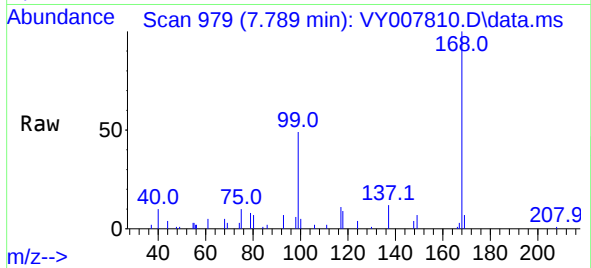




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

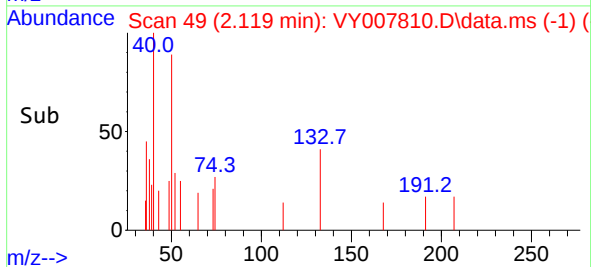
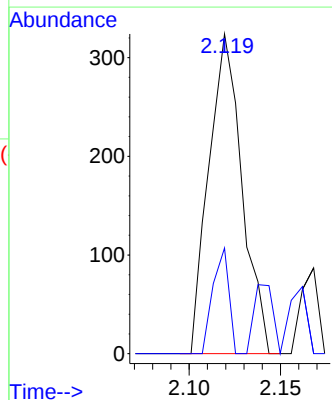
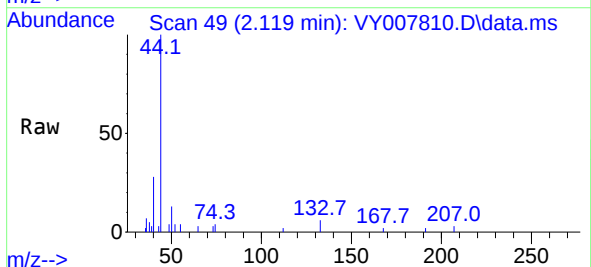
Instrument :
MSVOA_Y
ClientSampleId :

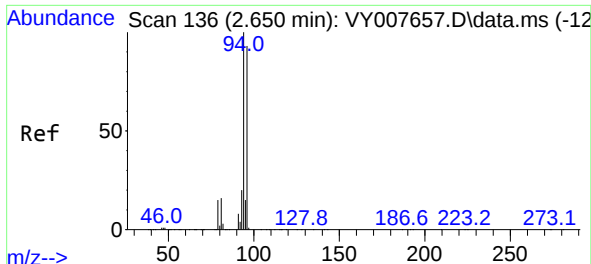
Tgt Ion:168 Resp: 12864
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Tgt Ion: 50 Resp: 410
Ion Ratio Lower Upper
50 100
52 33.0 24.6 37.0

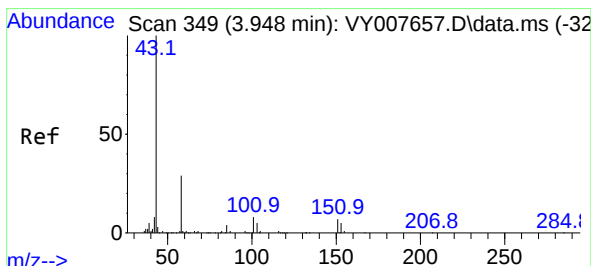
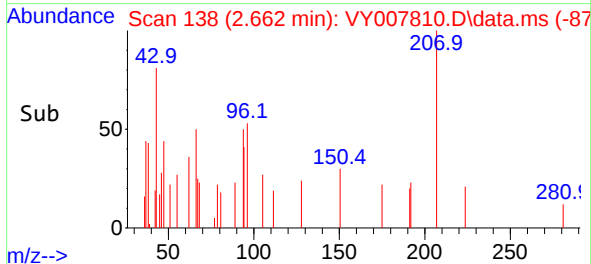
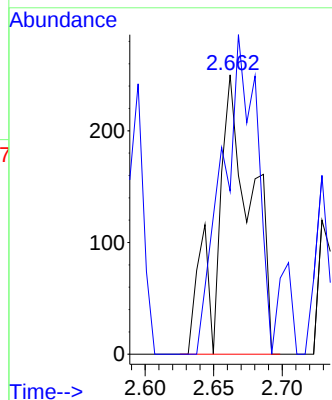
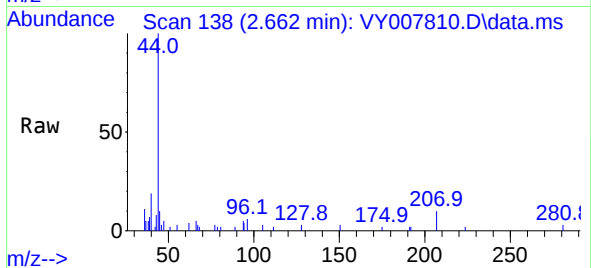




#5
Bromomethane
Concen: 2.815 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

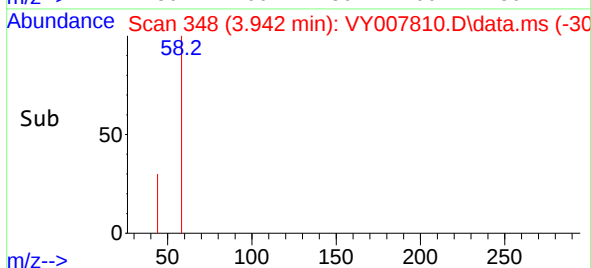
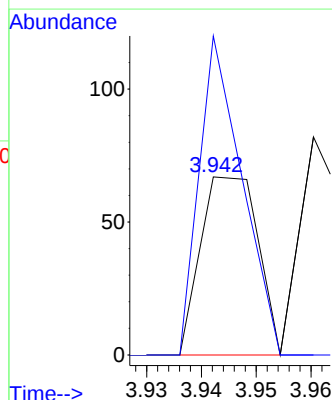
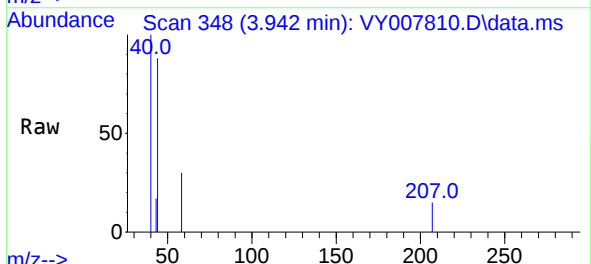
Instrument :
MSVOA_Y
ClientSampleId :

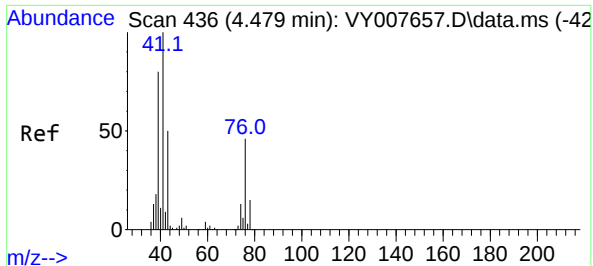
Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 58.4 73.5 110.3#



#16
Acetone
Concen: 1.789 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
58 179.1 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 41

Delta R.T. -0.019 min

Lab File: VY007810.D

Acq: 09 Mar 2022 19:27

Instrument :

MSVOA_Y

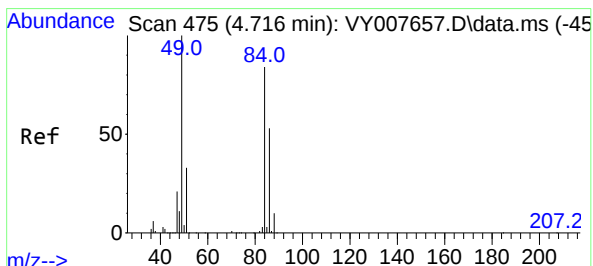
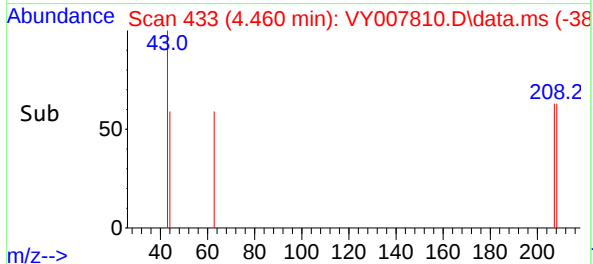
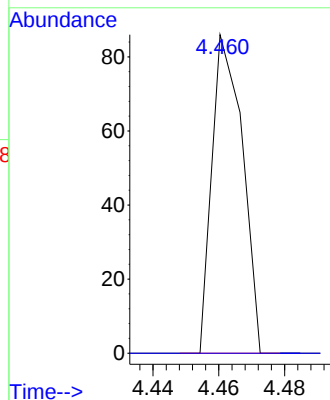
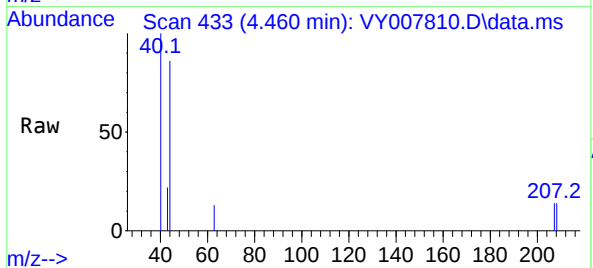
ClientSampleId :

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY007810.D

Acq: 09 Mar 2022 19:27

Tgt Ion: 84 Resp: 271

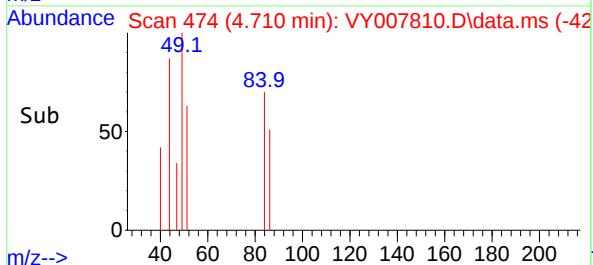
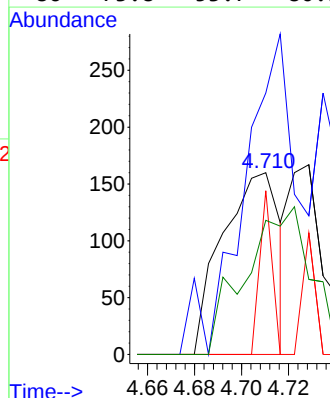
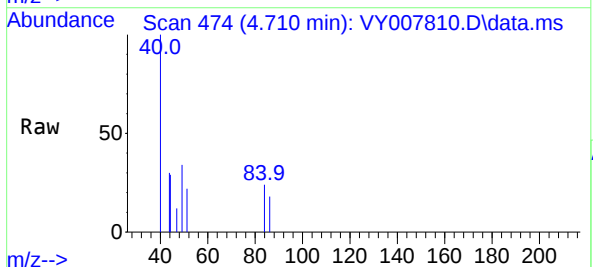
Ion Ratio Lower Upper

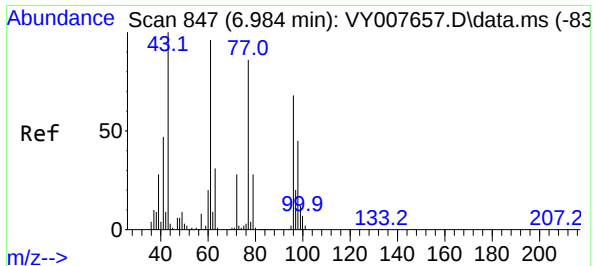
84 100

49 143.8 114.4 171.6

51 90.0 35.3 52.9#

86 73.8 53.7 80.5





#25

2-Butanone

Concen: 1.480 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY007810.D

Acq: 09 Mar 2022 19:27

Instrument :

MSVOA_Y

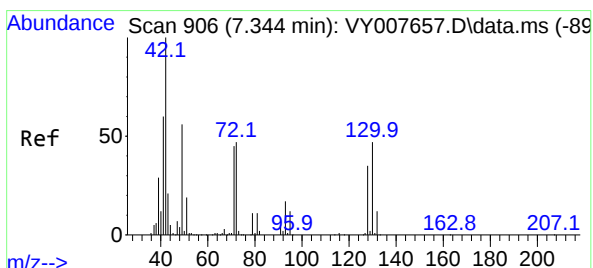
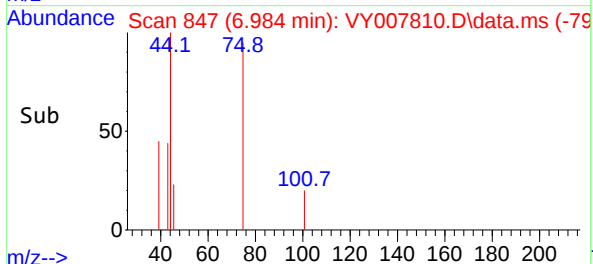
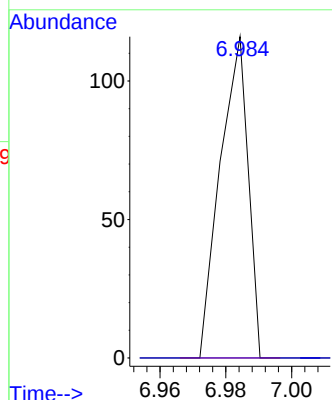
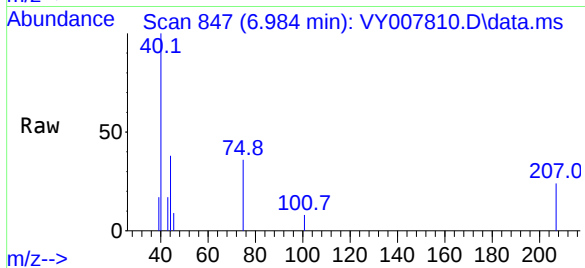
ClientSampleId :

Tgt Ion: 43 Resp: 68

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.908 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY007810.D

Acq: 09 Mar 2022 19:27

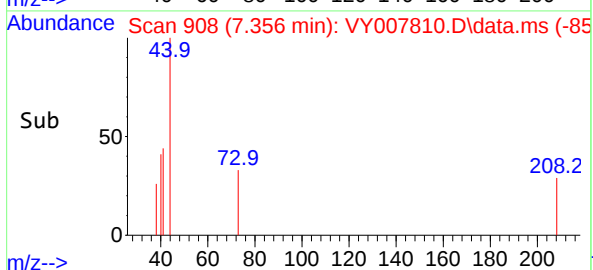
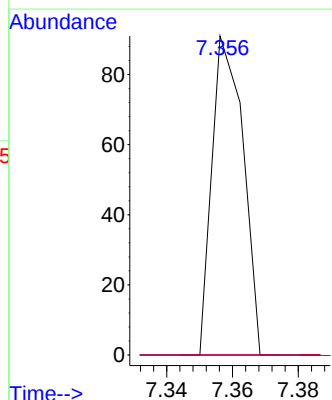
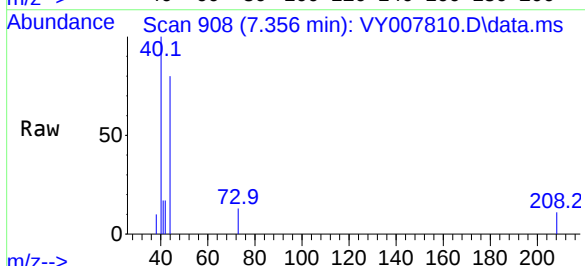
Tgt Ion: 42 Resp: 60

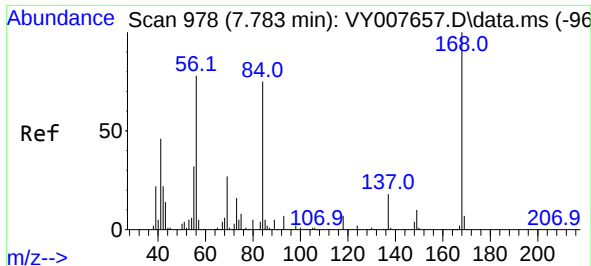
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

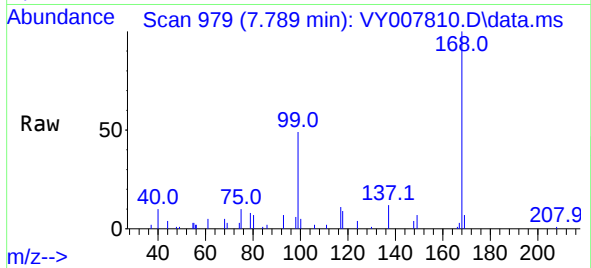
71 0.0 29.0 43.4#



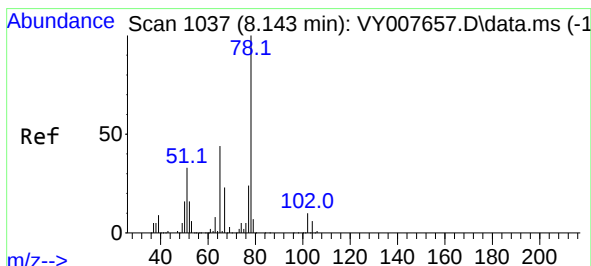
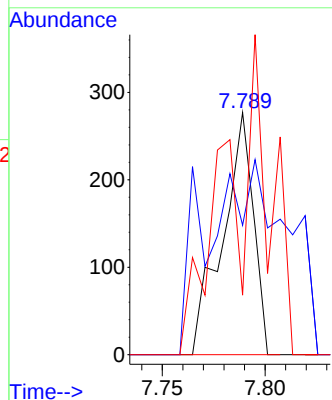
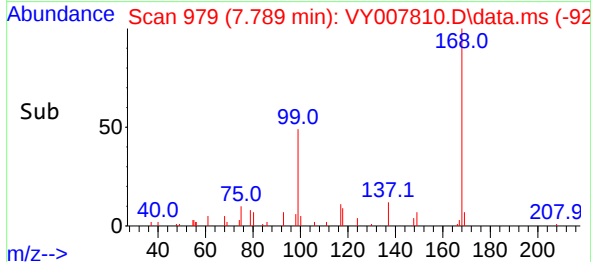


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Instrument :
MSVOA_Y
ClientSampleId :

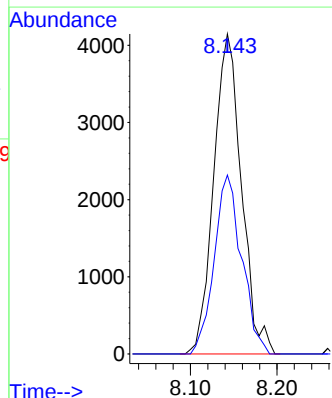
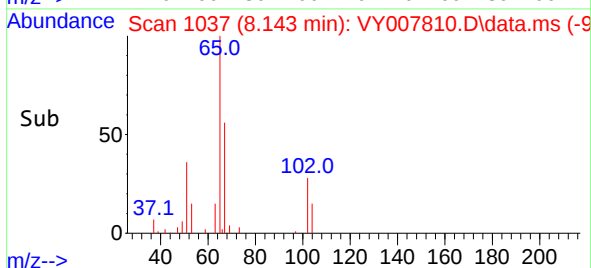
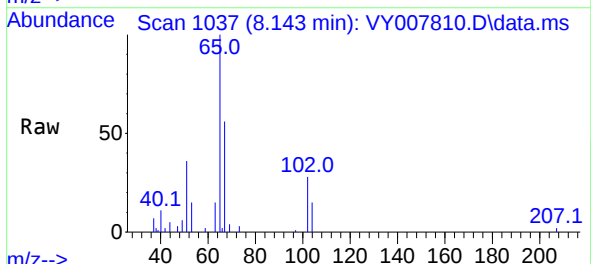


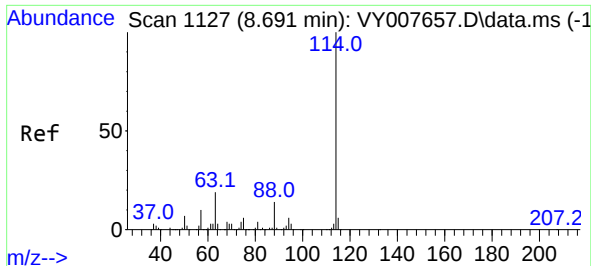
Tgt Ion: 56 Resp: 288
Ion Ratio Lower Upper
56 100
69 53.4 26.7 40.1#
84 24.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 68.417 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Tgt Ion: 65 Resp: 9214
Ion Ratio Lower Upper
65 100
67 55.4 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: VY007810.D

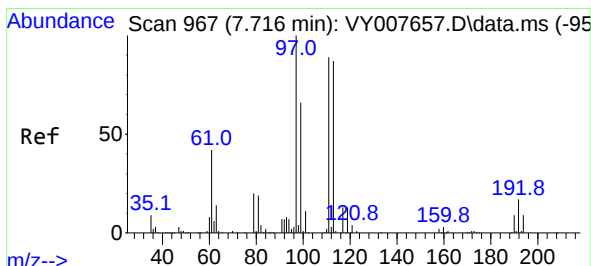
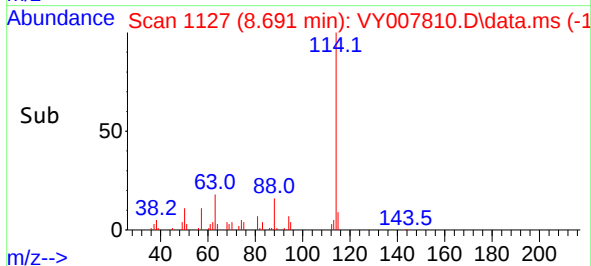
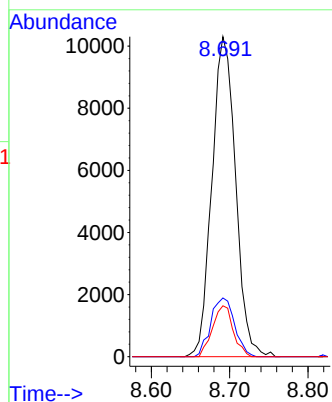
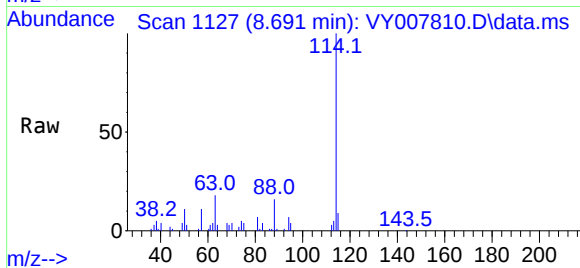
Acq: 09 Mar 2022 19:27

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	21600
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	43.2
88	15.9	0.0	31.8



#35

Dibromofluoromethane

Concen: 56.113 ug/l

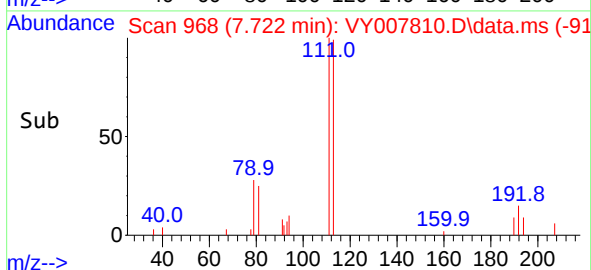
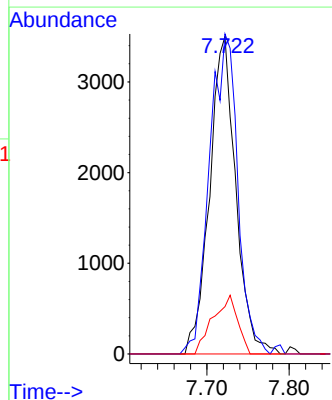
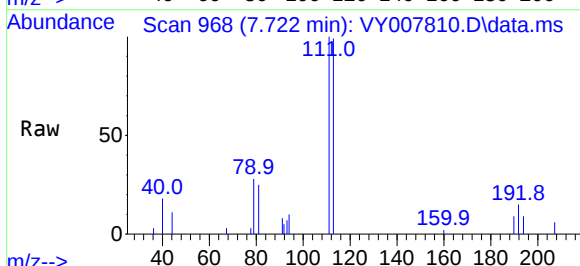
RT: 7.722 min Scan# 968

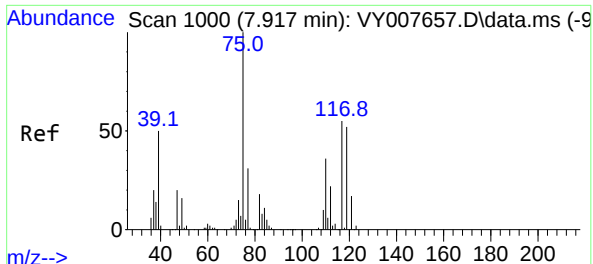
Delta R.T. 0.006 min

Lab File: VY007810.D

Acq: 09 Mar 2022 19:27

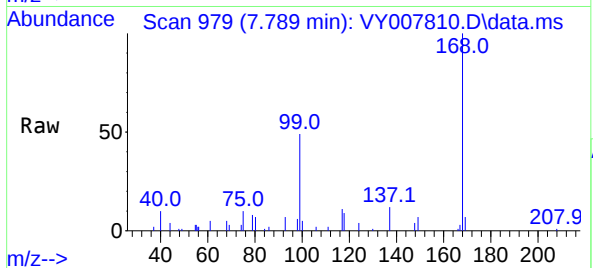
Tgt Ion:	113	Resp:	7749
Ion	Ratio	Lower	Upper
113	100		
111	108.5	82.6	124.0
192	17.4	17.6	26.4#



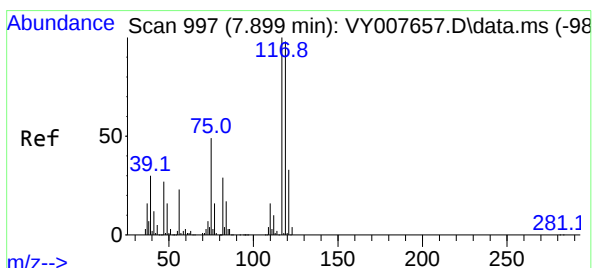
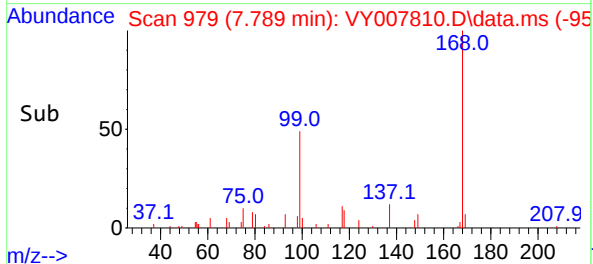
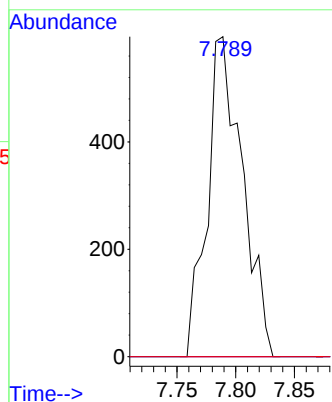


#36
1,1-Dichloropropene
Concen: 5.703 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Instrument :
MSVOA_Y
ClientSampleId :

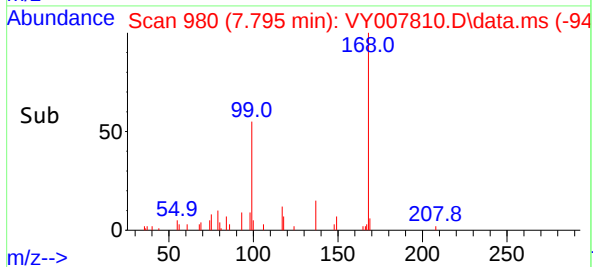
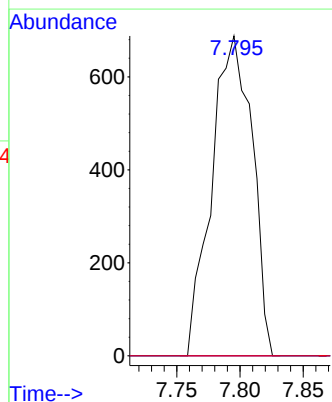
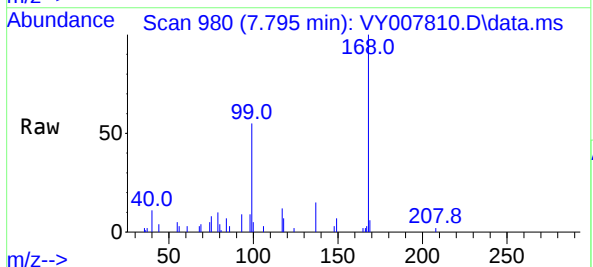


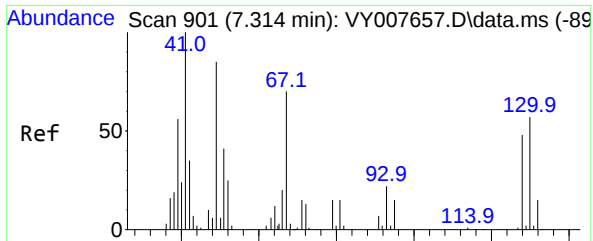
Tgt Ion: 75 Resp: 1239
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.624 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

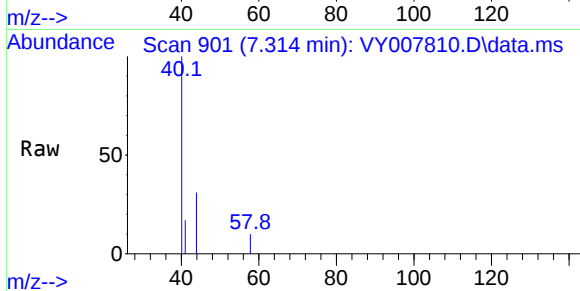
Tgt Ion: 117 Resp: 1535
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#





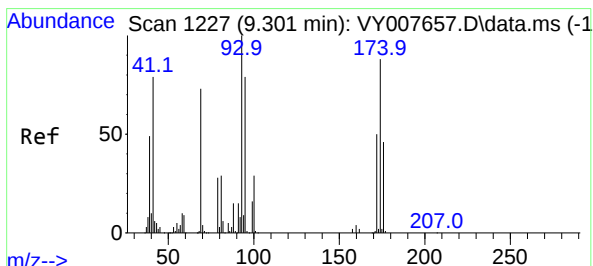
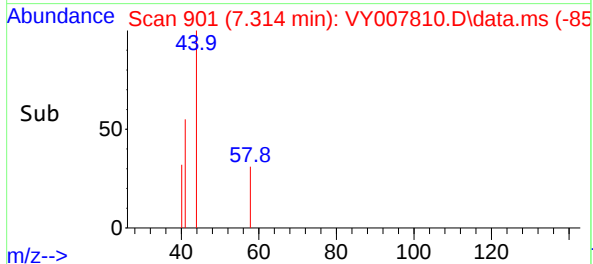
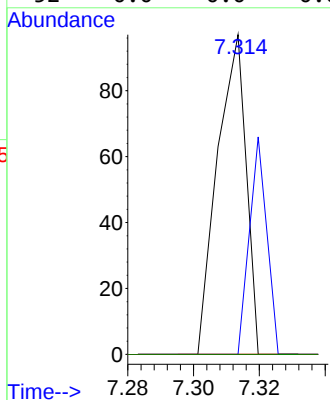
#41
Methacrylonitrile
Concen: 1.029 ug/l
RT: 7.314 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 59

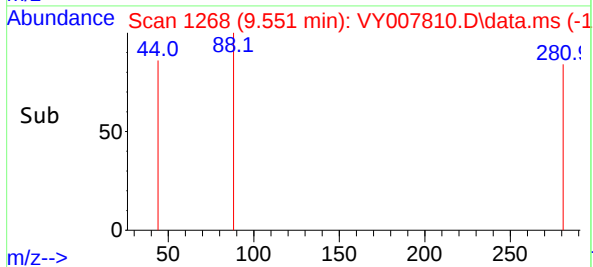
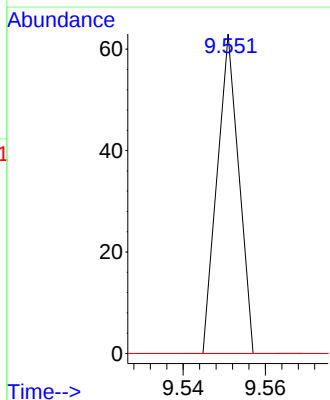
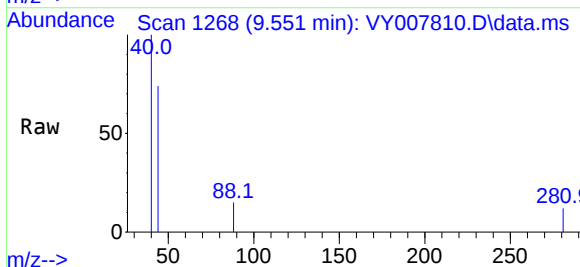
Ion	Ratio	Lower	Upper
41	100		
39	40.7	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

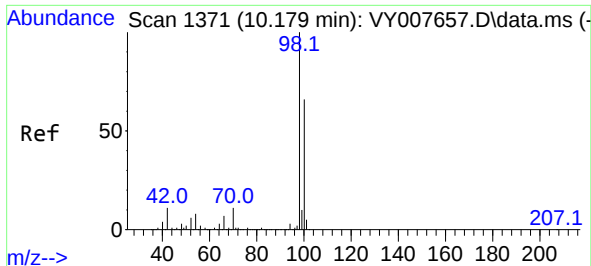


#49
1,4-Dioxane
Concen: 20.300 ug/l
RT: 9.551 min Scan# 1268
Delta R.T. 0.250 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.8	49.2#
58	0.0	59.8	89.6#

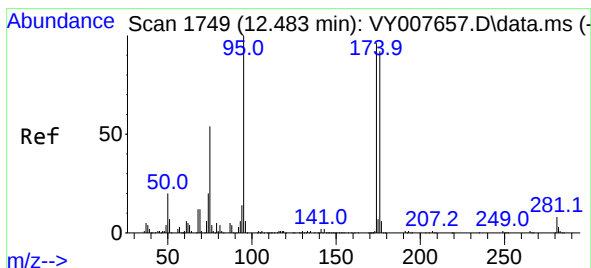
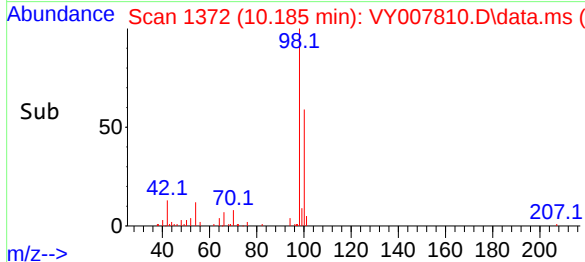
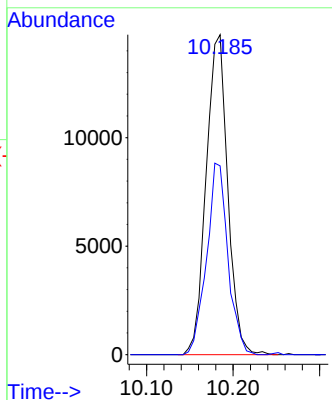
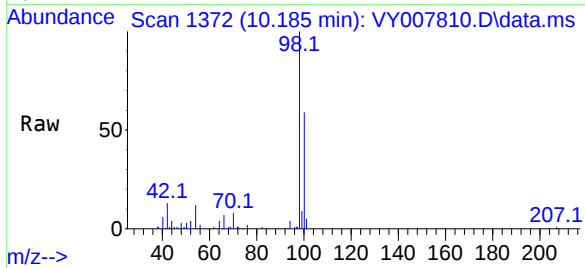




#50
Toluene-d8
Concen: 50.175 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

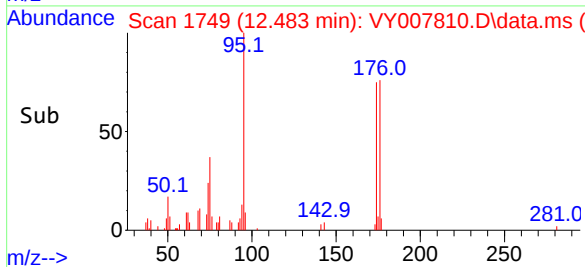
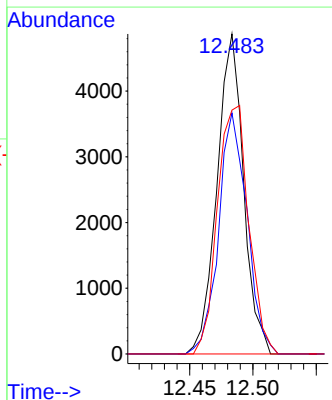
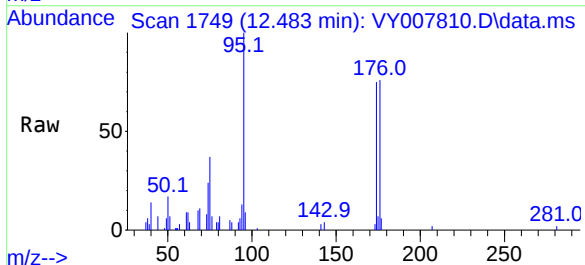
Instrument :
MSVOA_Y
ClientSampleId :

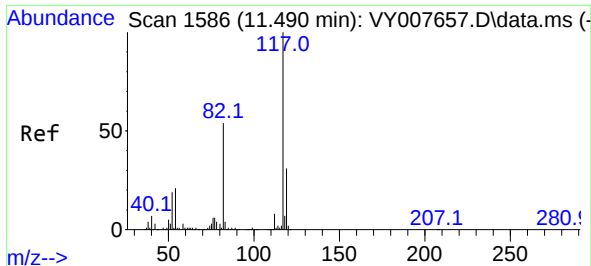
Tgt Ion: 98 Resp: 25506
Ion Ratio Lower Upper
98 100
100 59.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.311 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Tgt Ion: 95 Resp: 7097
Ion Ratio Lower Upper
95 100
174 80.6 0.0 177.0
176 91.5 0.0 175.8

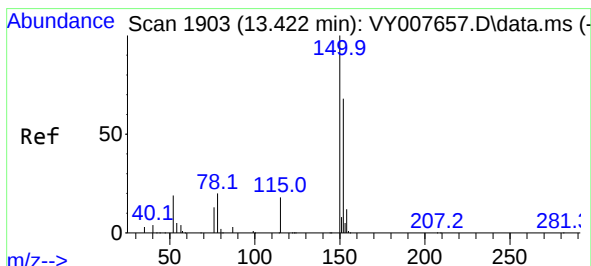
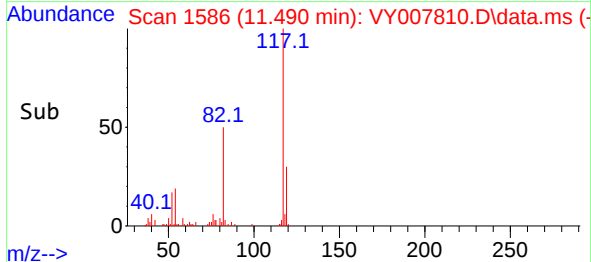
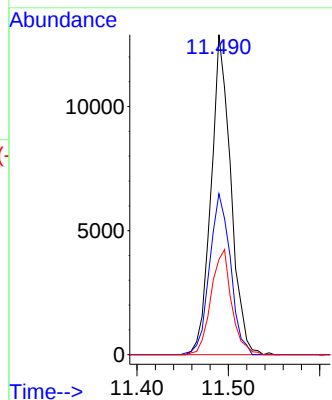
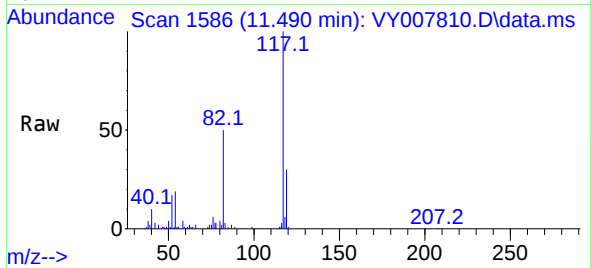




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

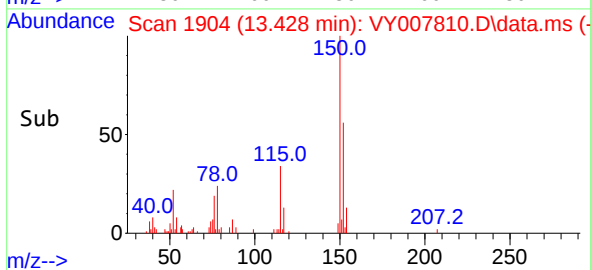
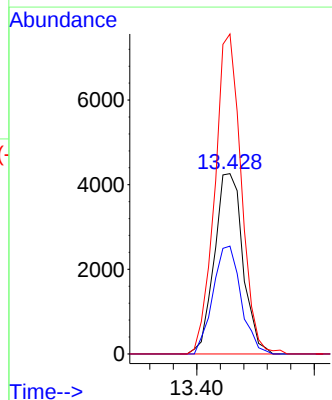
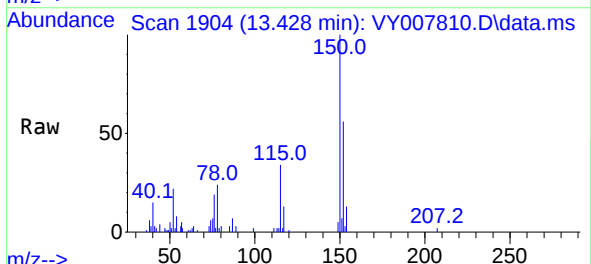
Instrument :
MSVOA_Y
ClientSampleId :

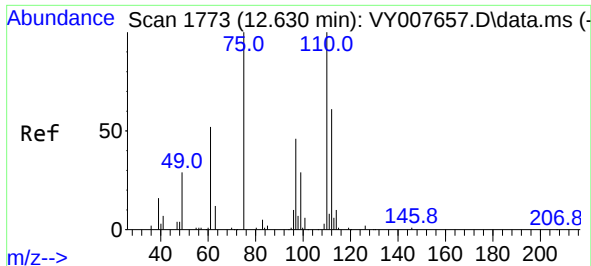
Tgt Ion:117 Resp: 19331
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 29.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Tgt Ion:152 Resp: 7181
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 164.6 0.0 347.6

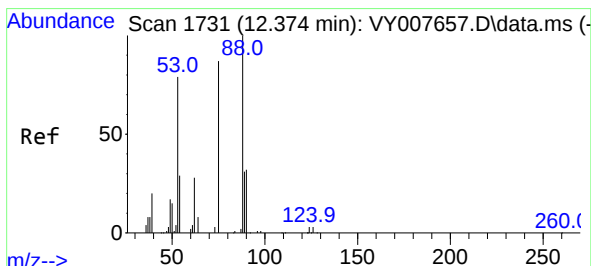
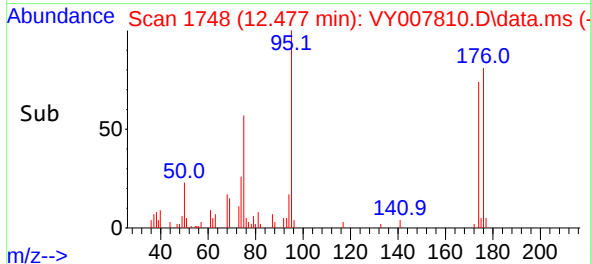
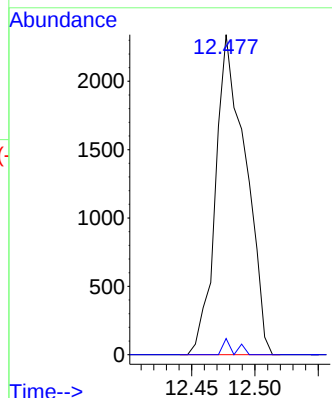
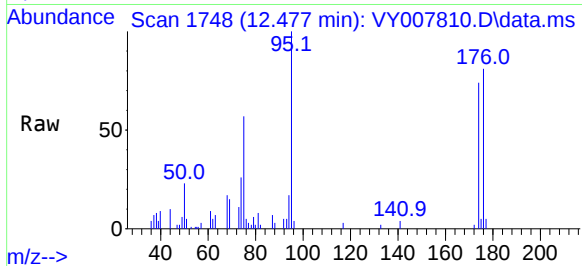




#76
1,2,3-Trichloropropane
Concen: 48.270 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

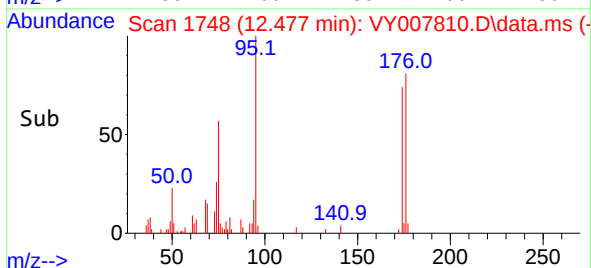
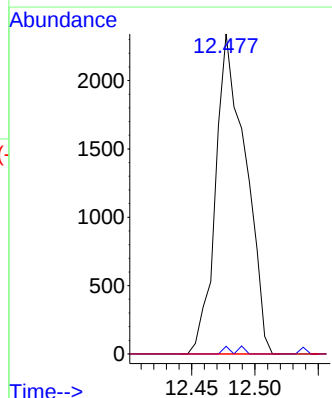
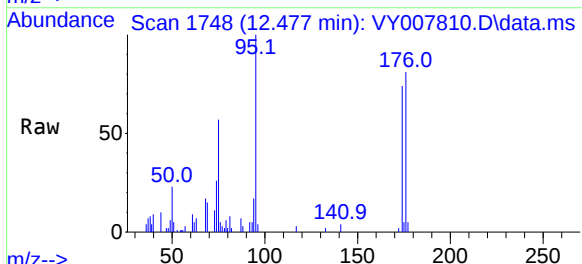
Instrument :
MSVOA_Y
ClientSampleId :

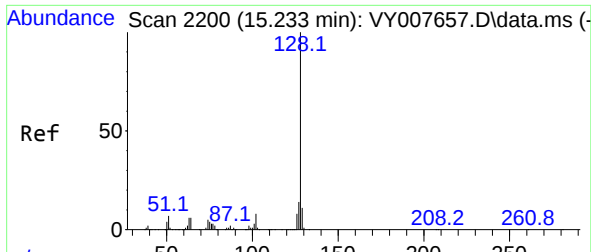
Tgt Ion: 75 Resp: 3871
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.682 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

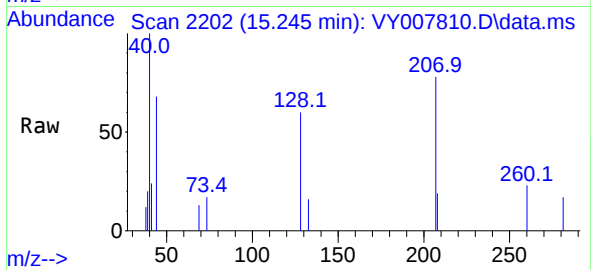
Tgt Ion: 75 Resp: 3871
Ion Ratio Lower Upper
75 100
53 1.1 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 1.722 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY007810.D
Acq: 09 Mar 2022 19:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	505
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

