

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007805.D
 Acq On : 09 Mar 2022 17:30
 Operator : SY/MD
 Sample : N1763-15
 Misc : 6.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 10 01:04:26 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)

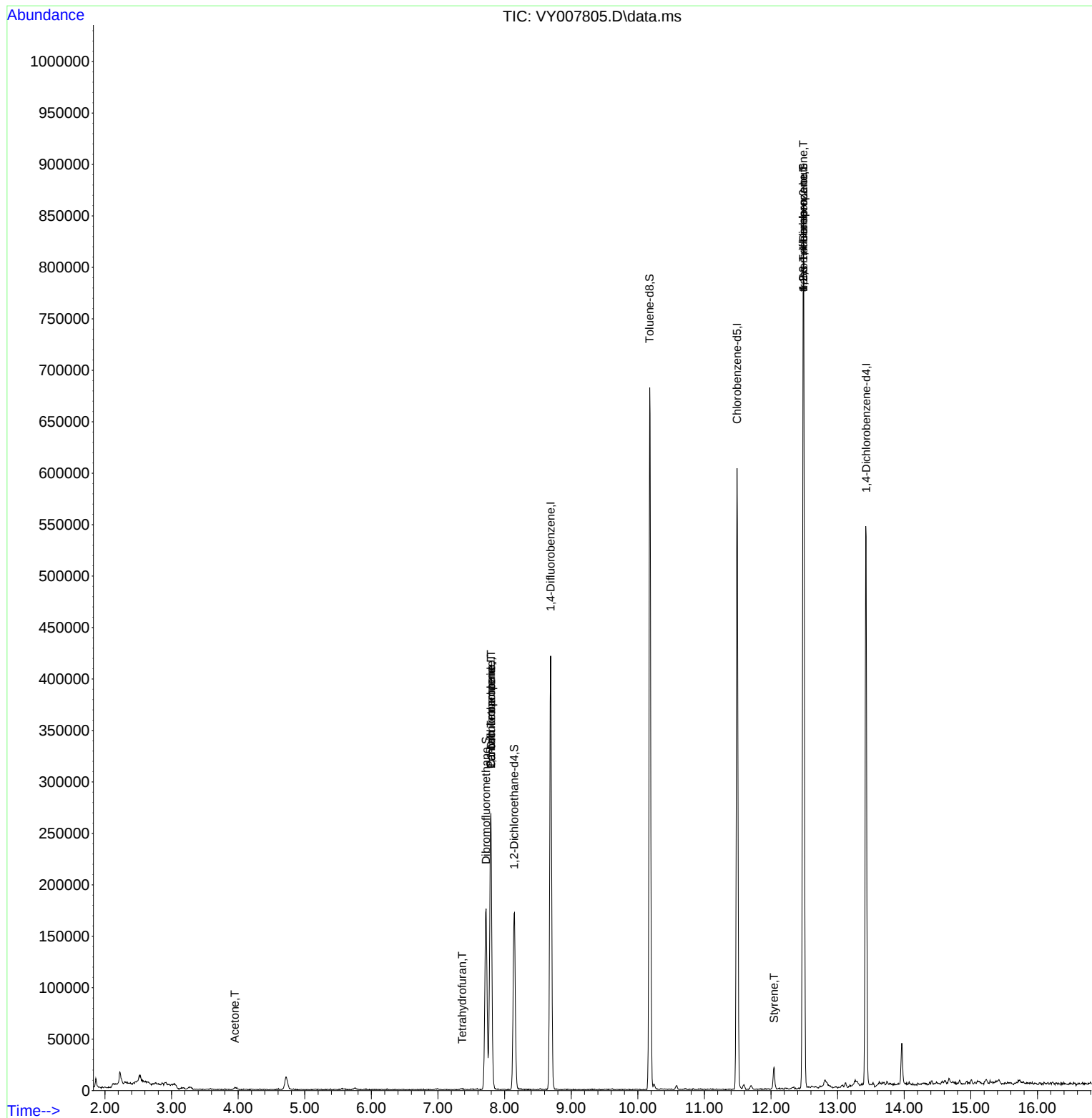
Internal Standards							
1) Pentafluorobenzene		7.795	168	204131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.691	114	350971	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.490	117	317856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.428	152	133031	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.143	65	134685	63.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.040%		
35) Dibromofluoromethane		7.722	113	119500	53.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.520%		
50) Toluene-d8		10.179	98	435985	52.784	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.560%		
62) 4-Bromofluorobenzene		12.483	95	129623	48.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.360%		
Target Compounds							Qvalue
3) Chloromethane		2.113	50	1303	Below Cal		97
13) Acrolein		3.668	56	22	Below Cal	#	1
16) Acetone		3.948	43	2897	6.664	ug/l #	69
17) Carbon Disulfide		4.204	76	75	Below Cal	#	75
18) Methyl Acetate		4.473	43	19	Below Cal	#	56
20) Methylene Chloride		4.716	84	8323	Below Cal		86
29) Tetrahydrofuran		7.362	42	819	1.641	ug/l #	50
31) Cyclohexane		7.795	56	4967	Below Cal	#	18
36) 1,1-Dichloropropene		7.795	75	16209	4.592	ug/l #	52
38) Carbon Tetrachloride		7.795	117	20327	5.398	ug/l #	16
70) Styrene		12.044	104	10193	1.341	ug/l #	86
76) 1,2,3-Trichloropropane		12.483	75	77482	52.154	ug/l #	100
81) trans-1,4-Dichloro-2-b...		12.483	75	77482	106.622	ug/l #	8

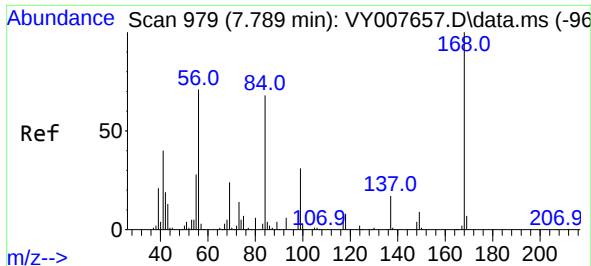
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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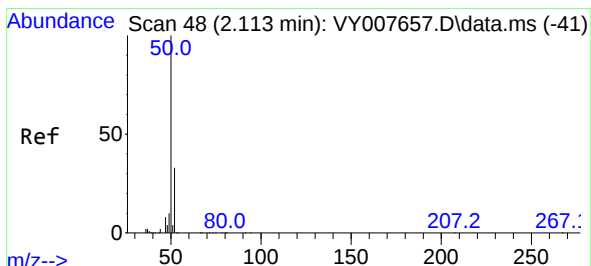
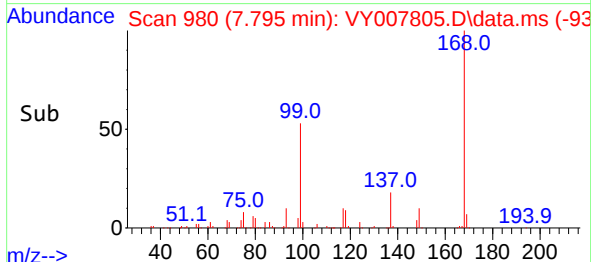
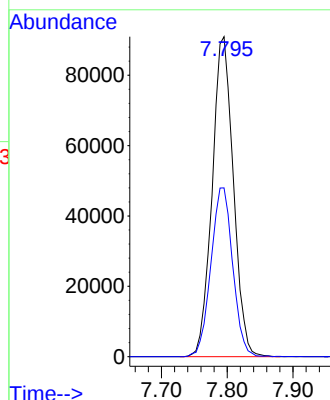
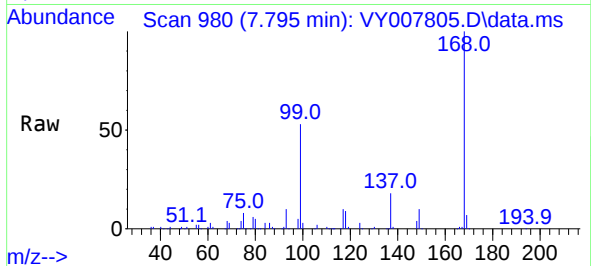




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

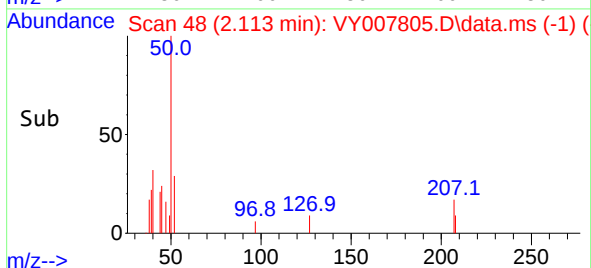
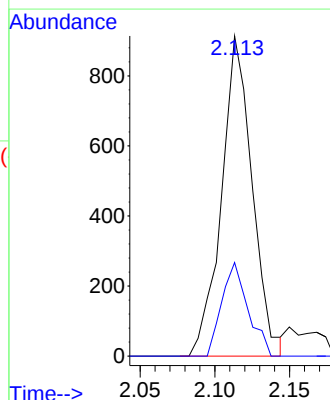
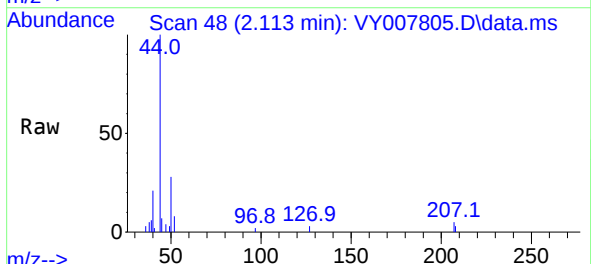
Instrument :
MSVOA_Y
ClientSampleId :

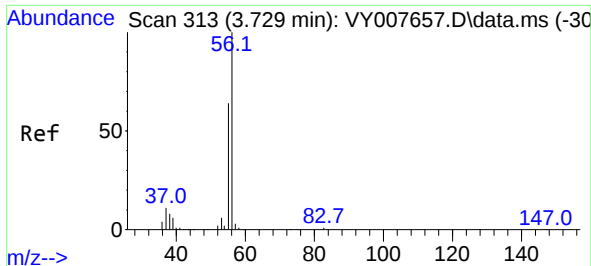
Tgt Ion:168 Resp: 204131
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

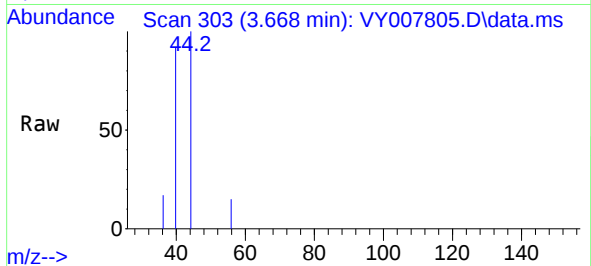
Tgt Ion: 50 Resp: 1303
Ion Ratio Lower Upper
50 100
52 29.2 24.6 37.0



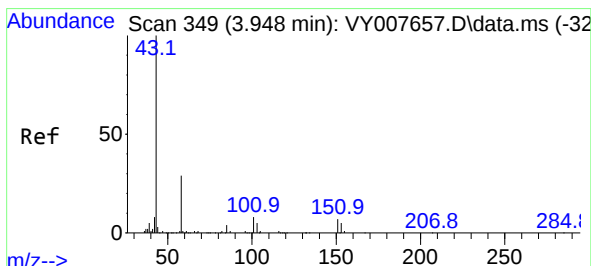
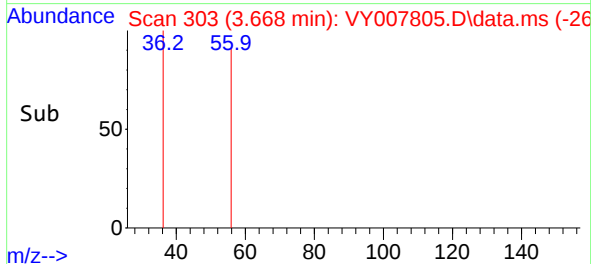
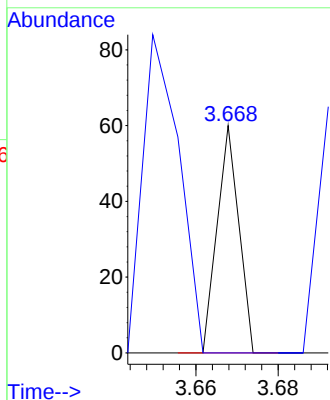


#13
Acrolein
Concen: Below Cal
RT: 3.668 min Scan# 303
Delta R.T. -0.061 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :

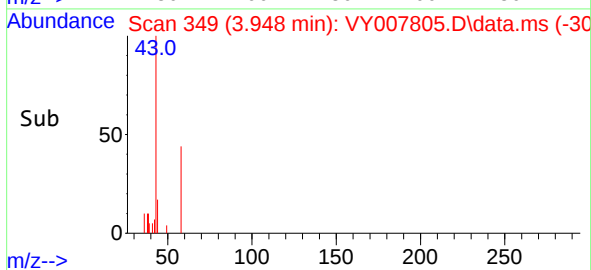
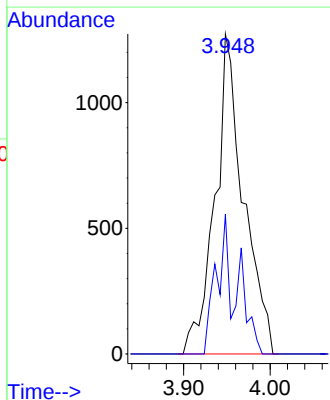
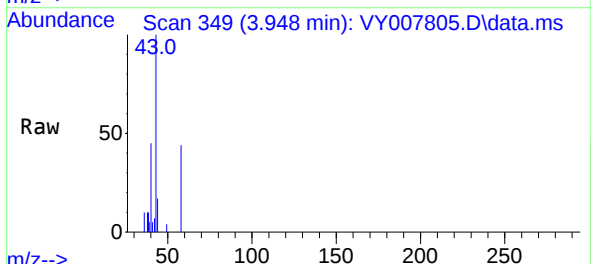


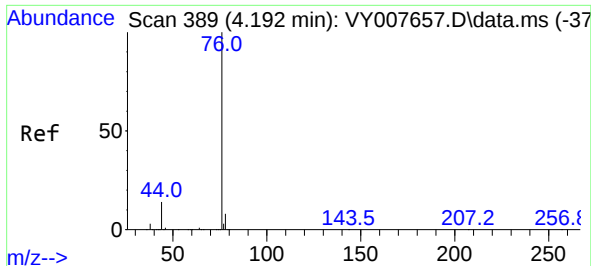
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 236.4 57.6 86.4#



#16
Acetone
Concen: 6.664 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Tgt Ion: 43 Resp: 2897
Ion Ratio Lower Upper
43 100
58 43.7 22.0 33.0#

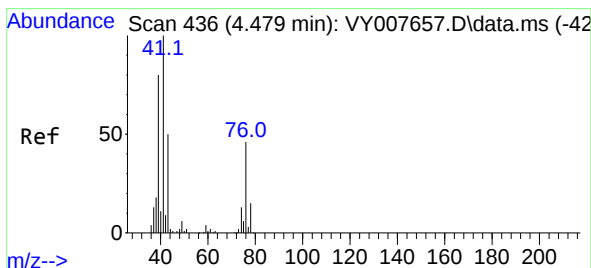
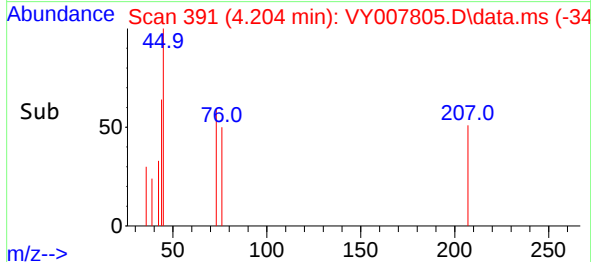
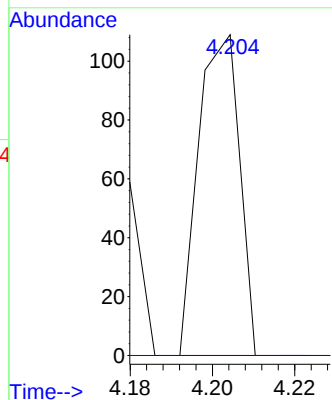
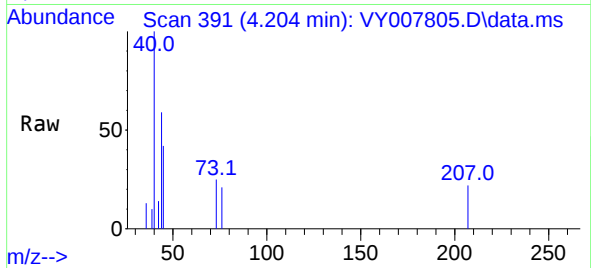




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

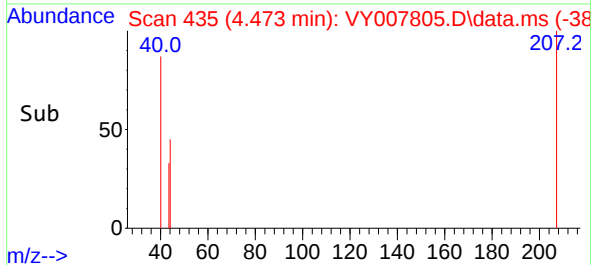
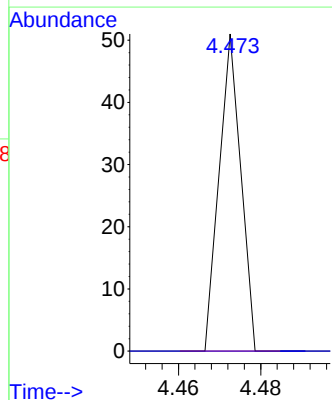
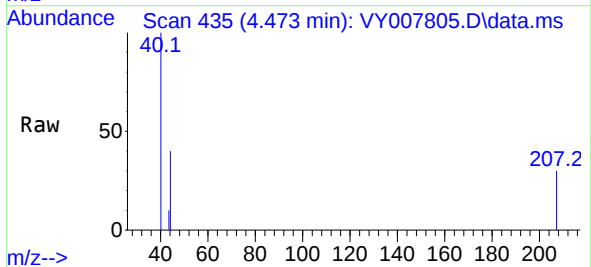
Instrument :
MSVOA_Y
ClientSampleId :

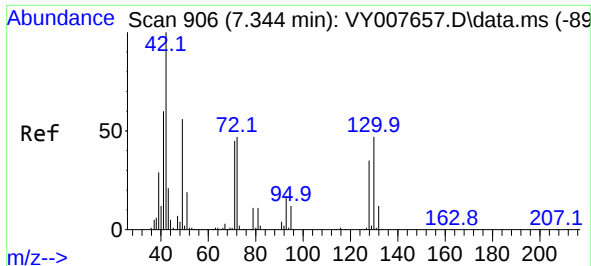
Tgt Ion: 76 Resp: 75
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

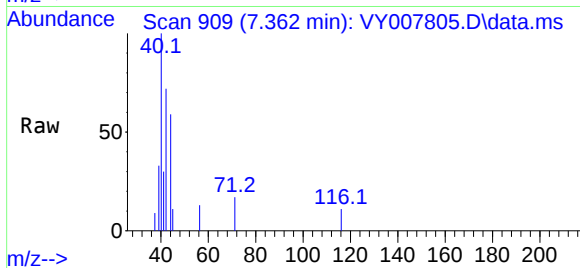
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



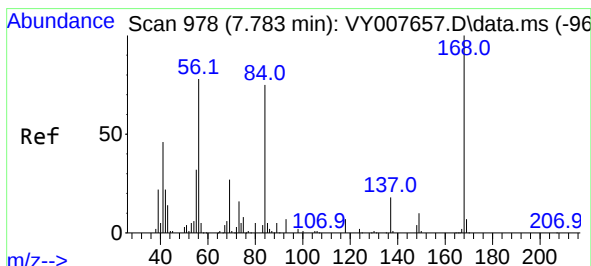
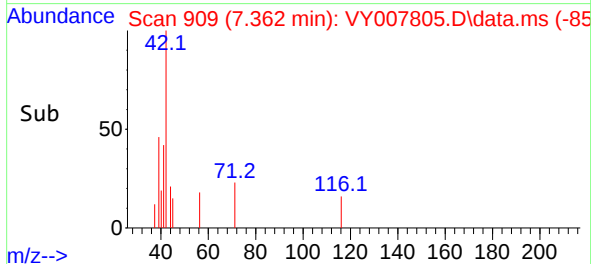
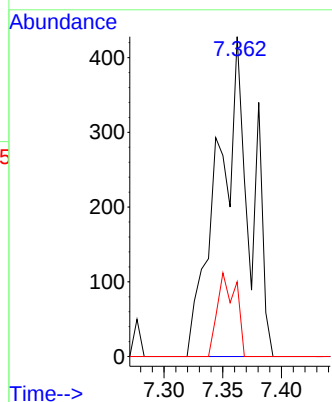


#29
Tetrahydrofuran
Concen: 1.641 ug/l
RT: 7.362 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :

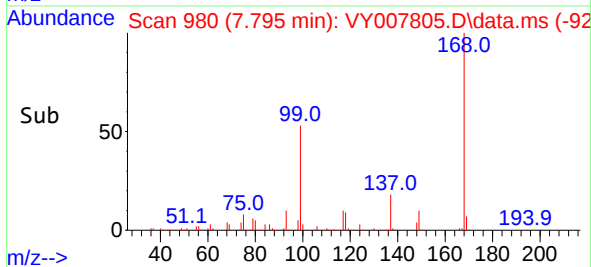
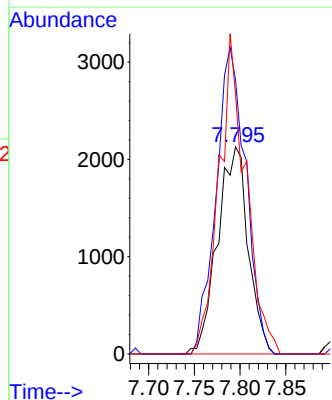
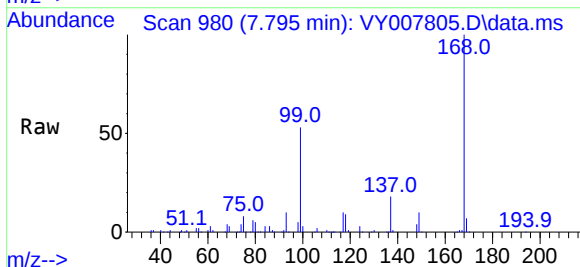


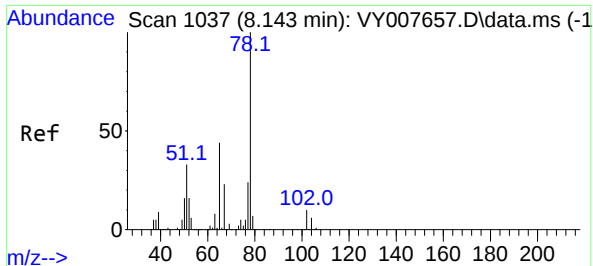
Tgt Ion: 42 Resp: 819
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 15.0 29.0 43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Tgt Ion: 56 Resp: 4967
Ion Ratio Lower Upper
56 100
69 132.1 26.7 40.1#
84 125.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.023 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007805.D

Acq: 09 Mar 2022 17:30

Instrument :

MSVOA_Y

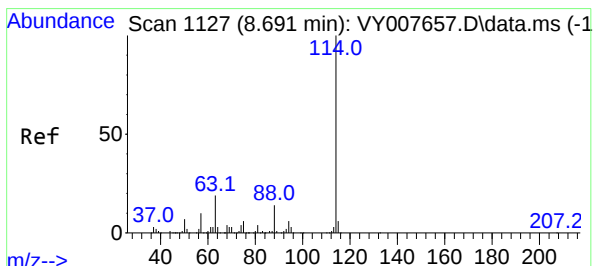
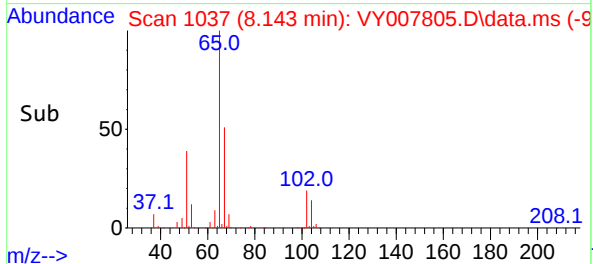
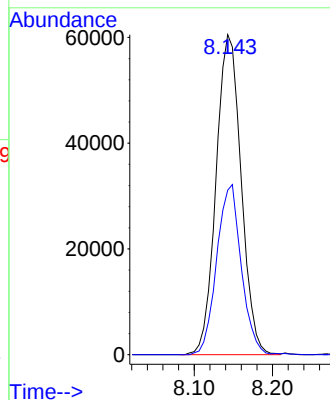
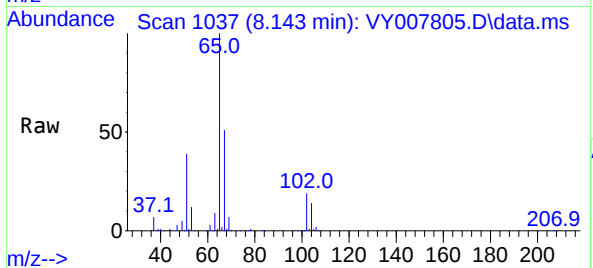
ClientSampleId :

Tgt Ion: 65 Resp: 134685

Ion Ratio Lower Upper

65 100

67 52.1 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: VY007805.D

Acq: 09 Mar 2022 17:30

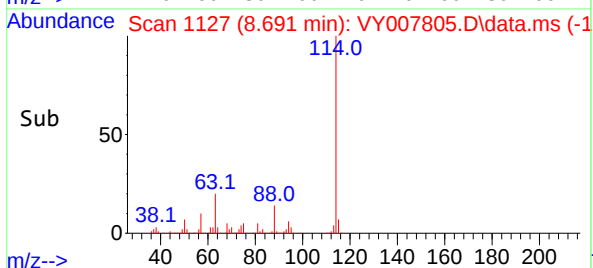
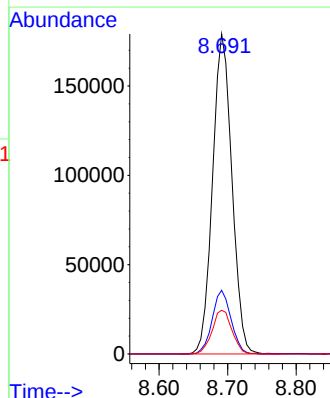
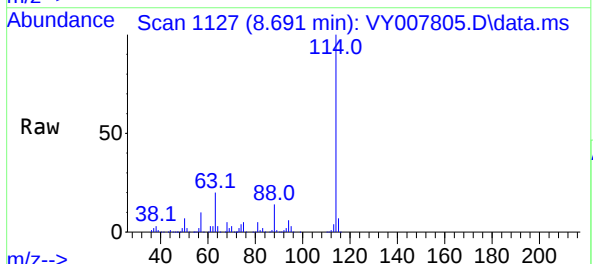
Tgt Ion: 114 Resp: 350971

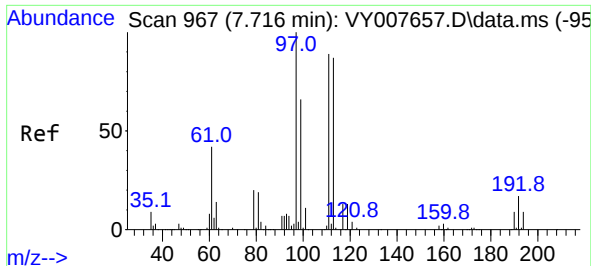
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

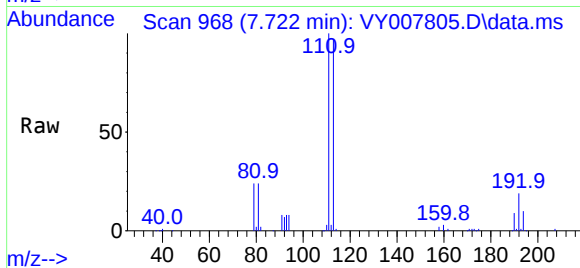
88 13.6 0.0 31.8



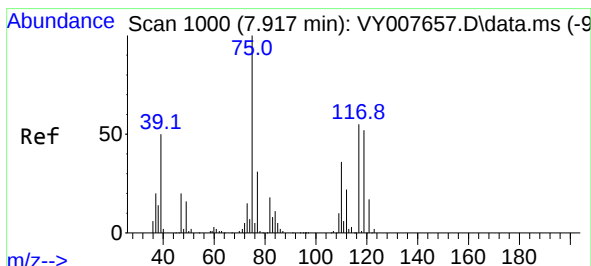
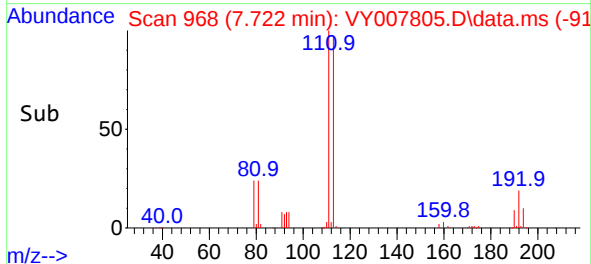
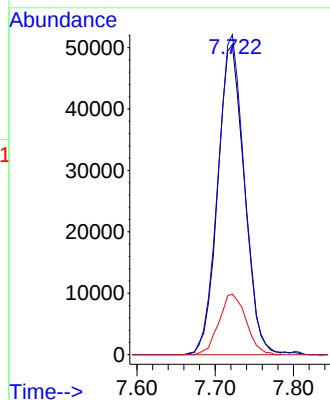


#35
Dibromofluoromethane
Concen: 53.256 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :

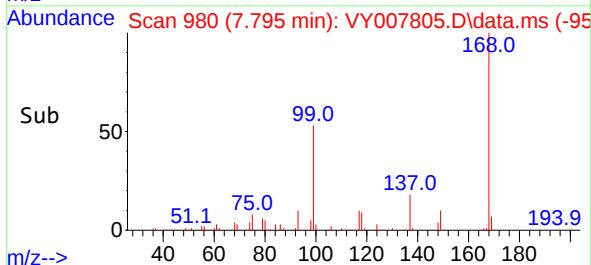
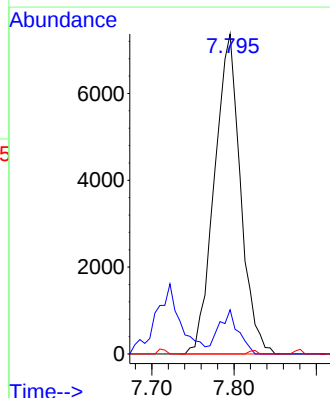
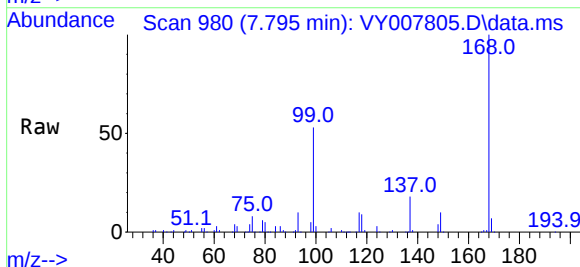


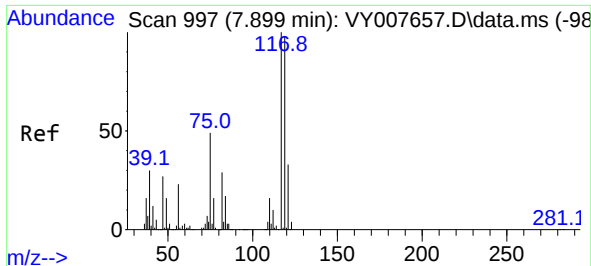
Tgt Ion:113 Resp: 119500
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.592 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

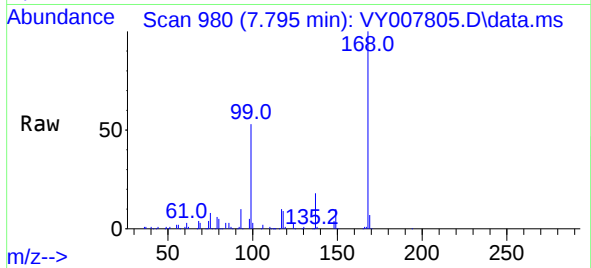
Tgt Ion: 75 Resp: 16209
Ion Ratio Lower Upper
75 100
110 10.4 17.1 51.2#
77 0.0 24.4 36.6#



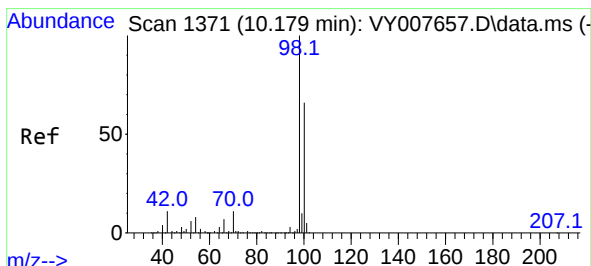
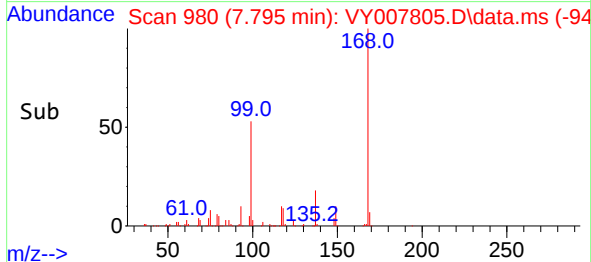
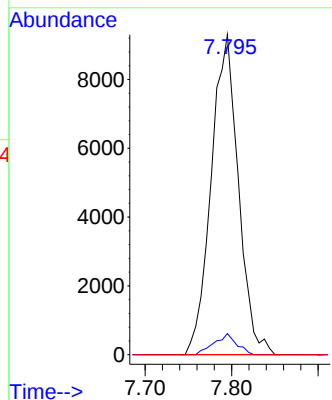


#38
Carbon Tetrachloride
Concen: 5.398 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :

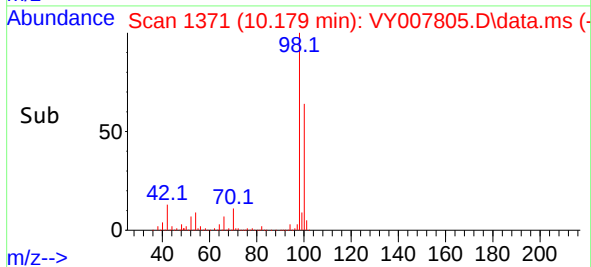
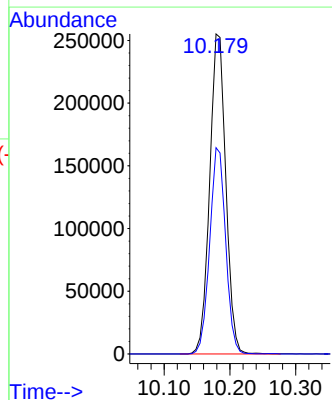
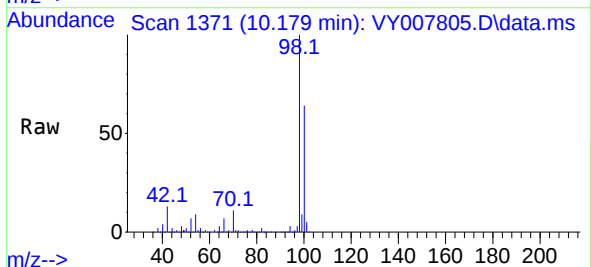


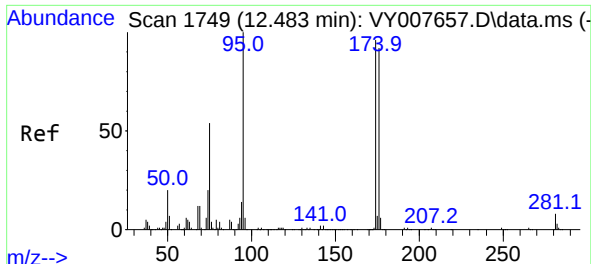
Tgt Ion:117 Resp: 20327
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.784 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

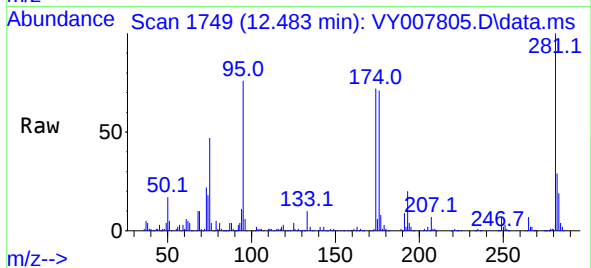
Tgt Ion: 98 Resp: 435985
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



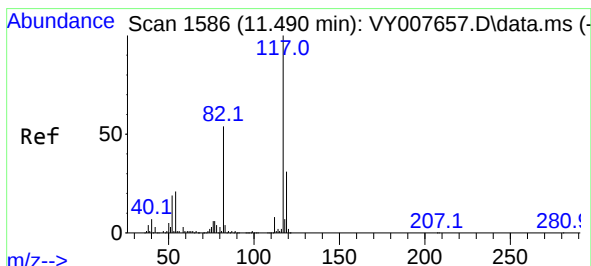
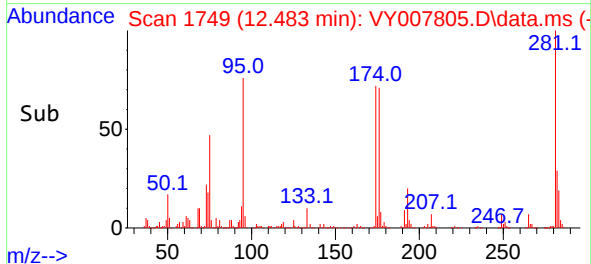
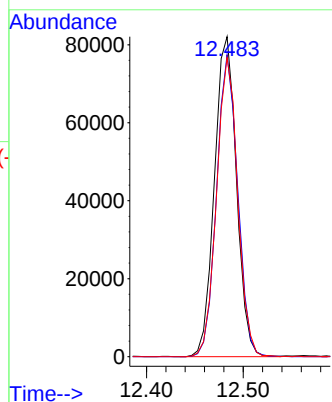


#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :

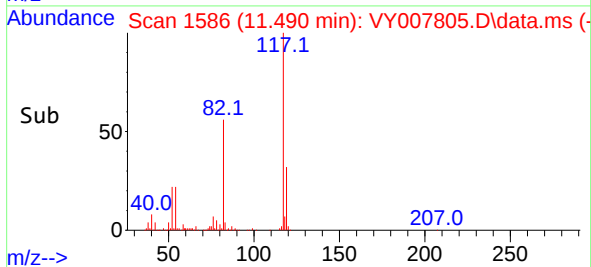
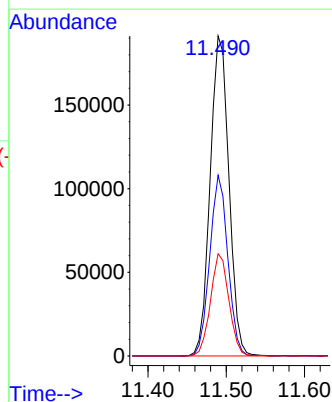
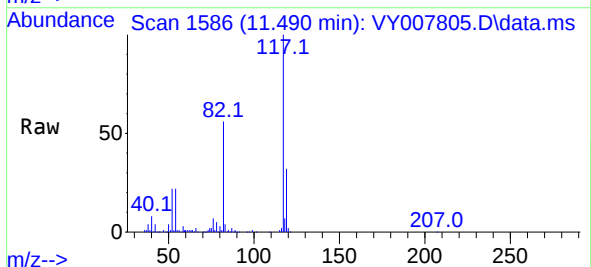


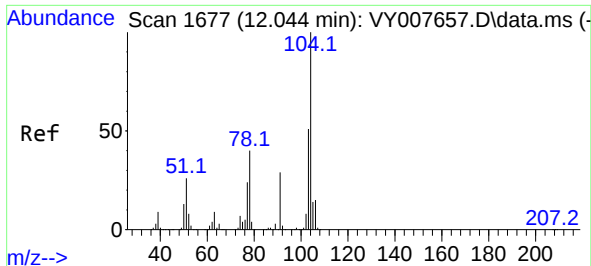
Tgt Ion: 95 Resp: 129623
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 89.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

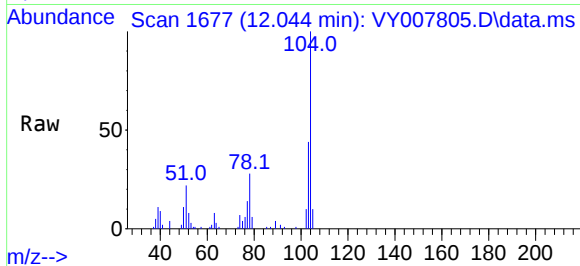
Tgt Ion: 117 Resp: 317856
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 32.0 25.4 38.0



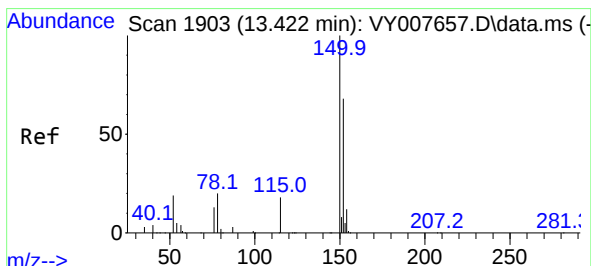
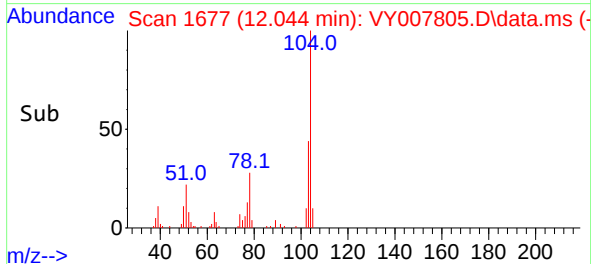
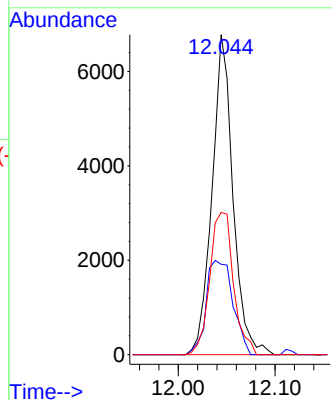


#70
Styrene
Concen: 1.341 ug/l
RT: 12.044 min Scan# 104
Delta R.T. 0.000 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :

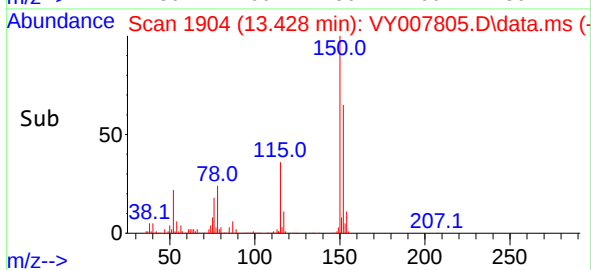
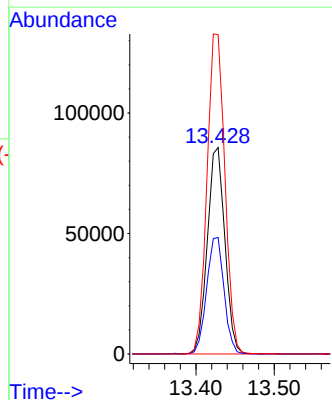
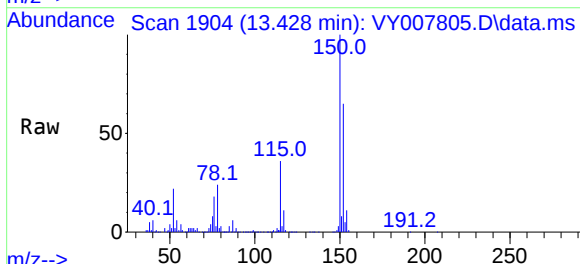


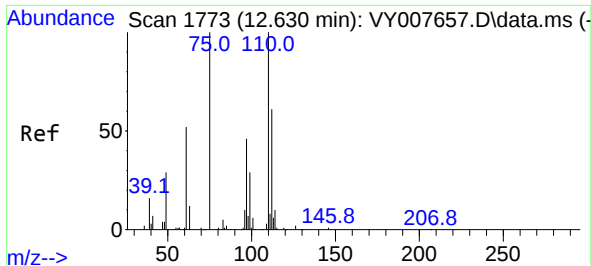
Tgt Ion:104 Resp: 10193
Ion Ratio Lower Upper
104 100
78 37.8 42.4 63.6#
103 50.5 44.4 66.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Tgt Ion:152 Resp: 133031
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 157.6 0.0 347.6

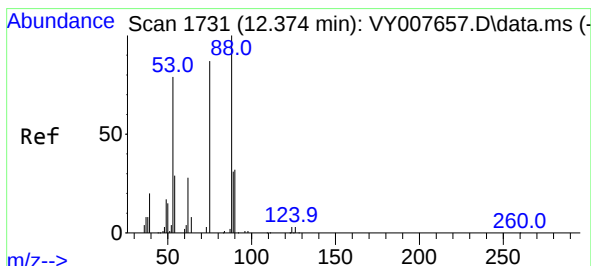
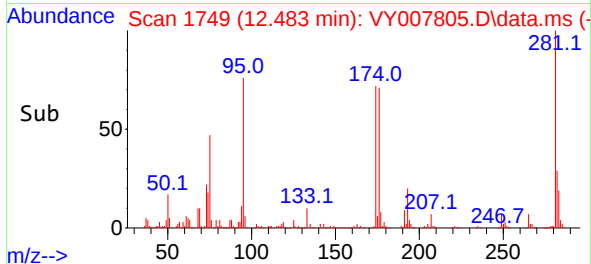
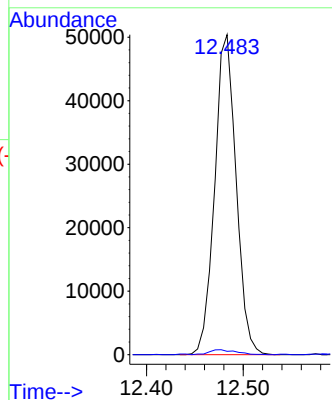
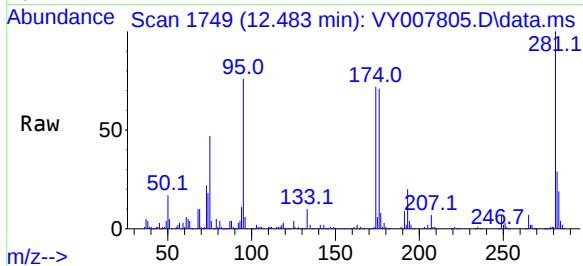




#76
1,2,3-Trichloropropane
Concen: 52.154 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 77482
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.622 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007805.D
Acq: 09 Mar 2022 17:30

Tgt Ion: 75 Resp: 77482
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 2.0 37.0 55.4#

