

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007846.D
 Acq On : 11 Mar 2022 11:56
 Operator : SY/MD
 Sample : N1853-02
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2A-BASE-02

Quant Time: Mar 11 23:20:31 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)

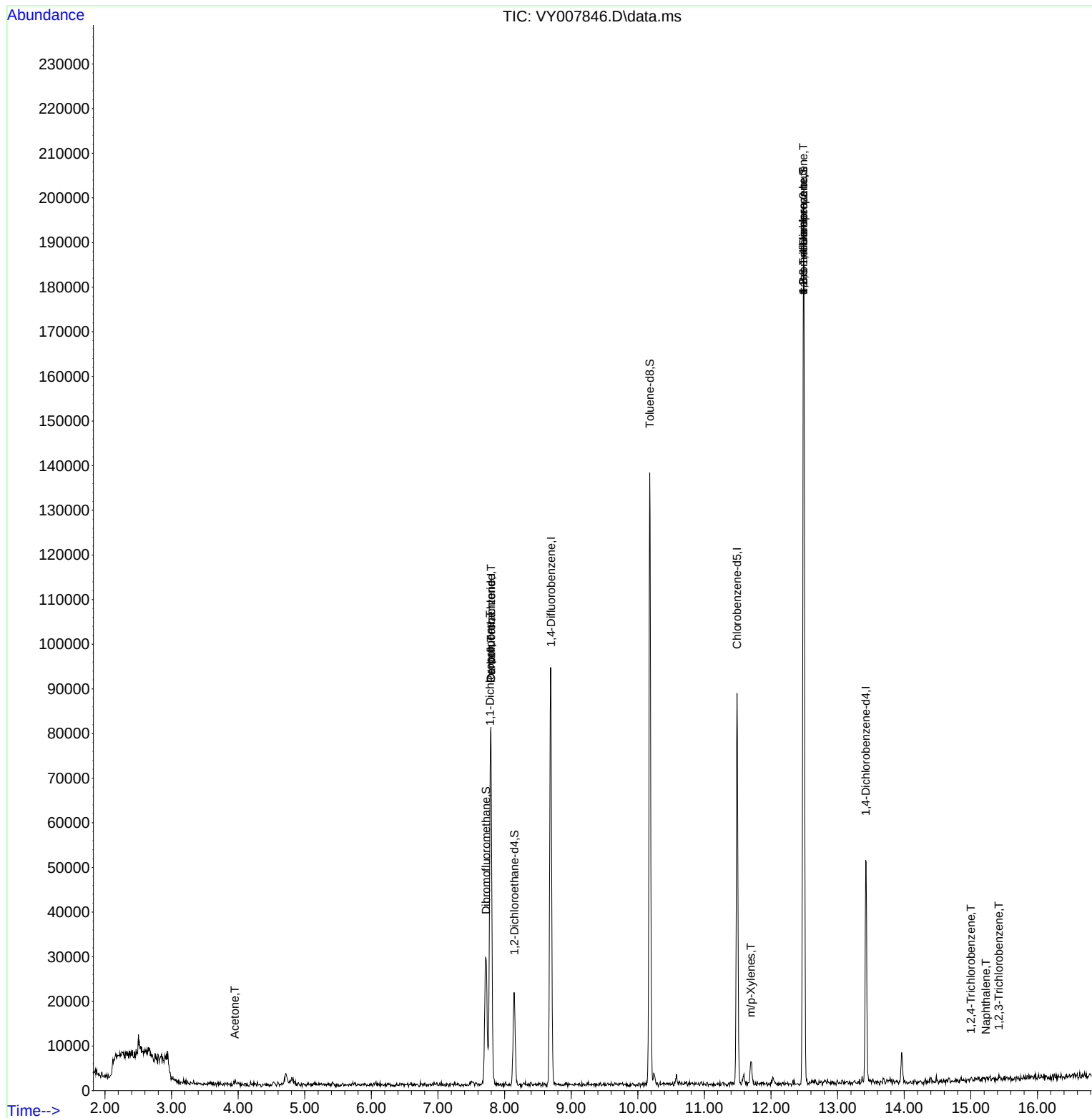
Internal Standards						
1) Pentafluorobenzene	7.795	168	60099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	15045	23.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.820%#
35) Dibromofluoromethane	7.722	113	20314	41.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.680%
50) Toluene-d8	10.179	98	85532	47.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.580%
62) 4-Bromofluorobenzene	12.483	95	12975	22.253	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.143	85	48	Below Cal	#	43
3) Chloromethane	2.119	50	633	Below Cal	#	77
13) Acrolein	3.802	56	35	Below Cal	#	82
16) Acetone	3.948	43	1046	8.172	ug/l	92
17) Carbon Disulfide	4.222	76	35	Below Cal	#	75
18) Methyl Acetate	4.405	43	38	Below Cal	#	56
20) Methylene Chloride	4.722	84	1300	Below Cal		96
31) Cyclohexane	7.795	56	1916	Below Cal	#	68
36) 1,1-Dichloropropene	7.783	75	5153	6.666	ug/l #	50
38) Carbon Tetrachloride	7.795	117	6546	7.939	ug/l #	14
68) m/p-Xylenes	11.697	106	1664	2.412	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	8988	69.417	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8988	141.915	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.001	180	290	1.246	ug/l #	64
95) Naphthalene	15.226	128	667	1.409	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.422	180	220	1.061	ug/l #	56

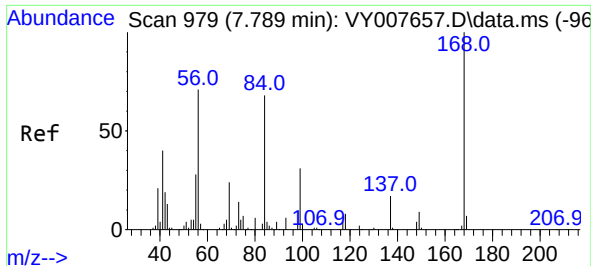
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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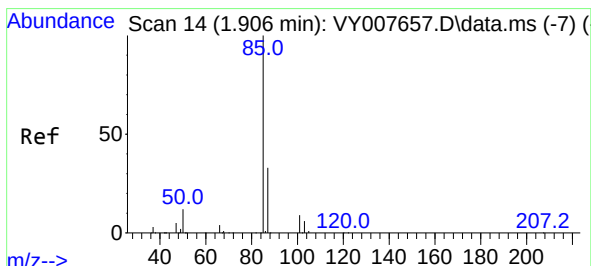
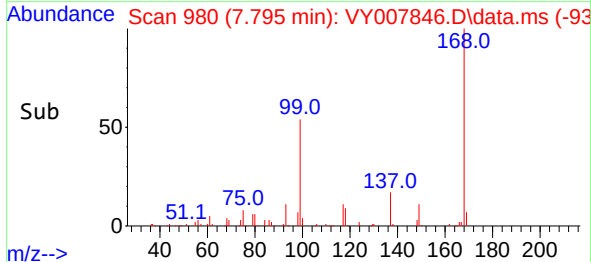
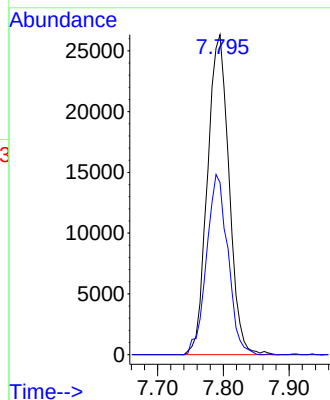
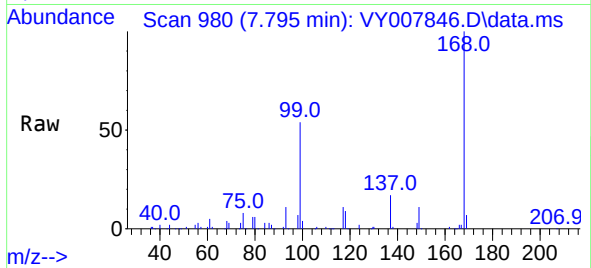




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

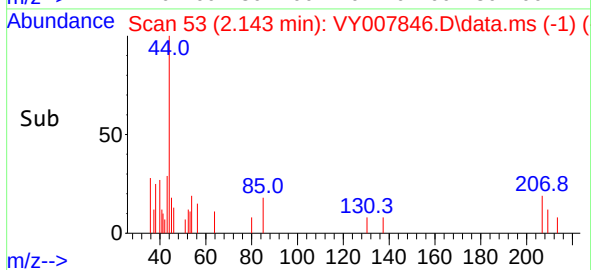
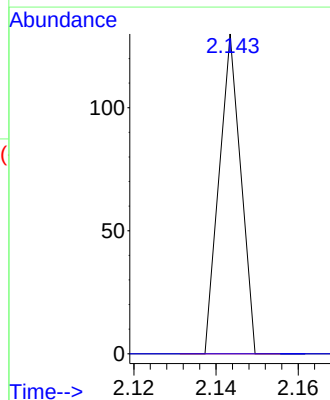
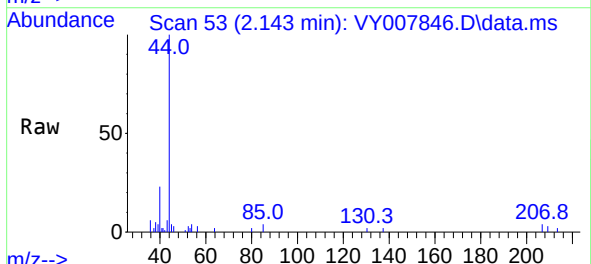
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

Tgt Ion:168 Resp: 60099
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3

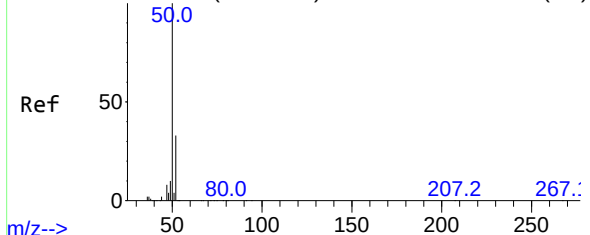


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.143 min Scan# 53
Delta R.T. 0.237 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)

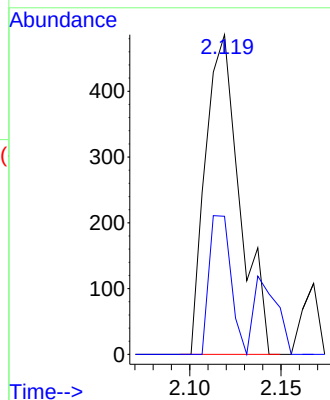
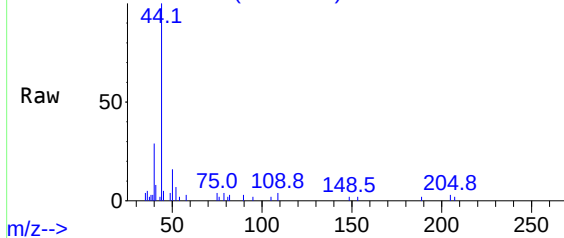


#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

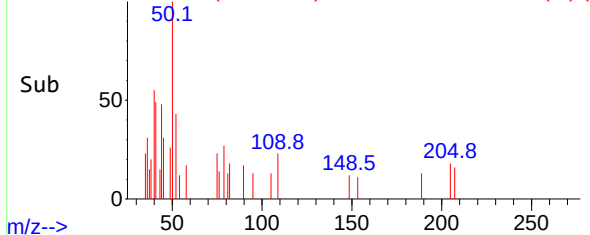
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

Tgt Ion: 50 Resp: 633
Ion Ratio Lower Upper
50 100
52 43.2 24.6 37.0#

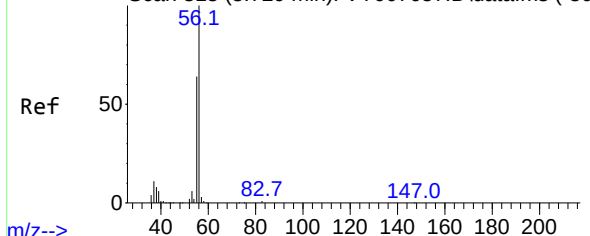
Abundance Scan 49 (2.119 min): VY007846.D\data.ms



Abundance Scan 49 (2.119 min): VY007846.D\data.ms (-1)



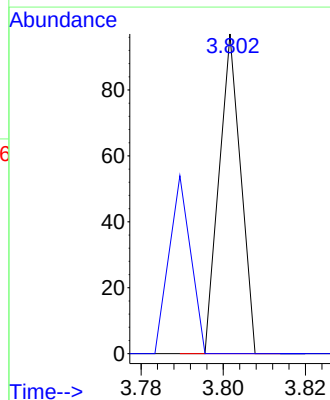
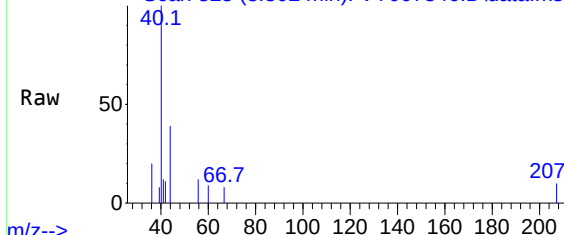
Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



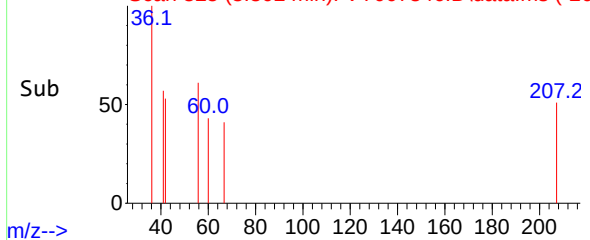
#13
Acrolein
Concen: Below Cal
RT: 3.802 min Scan# 325
Delta R.T. 0.073 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

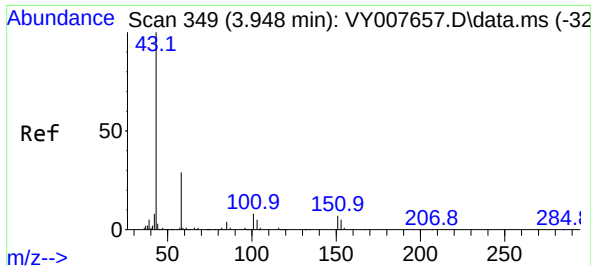
Tgt Ion: 56 Resp: 35
Ion Ratio Lower Upper
56 100
55 57.1 57.6 86.4#

Abundance Scan 325 (3.802 min): VY007846.D\data.ms



Abundance Scan 325 (3.802 min): VY007846.D\data.ms (-26)

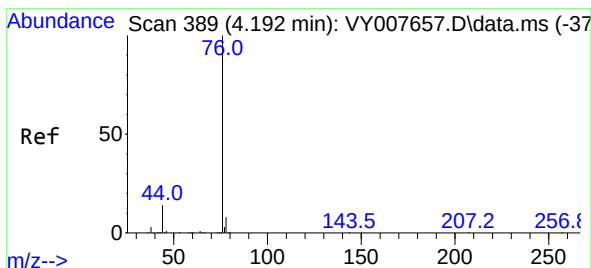
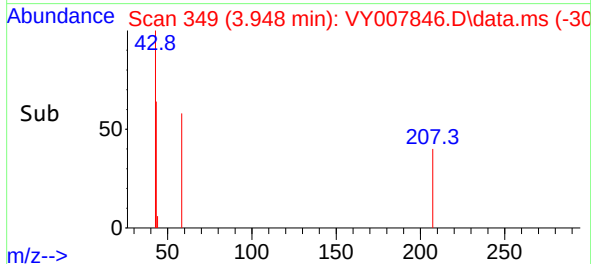
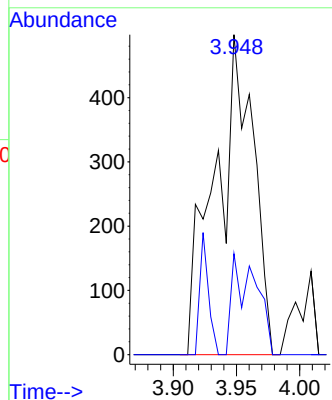
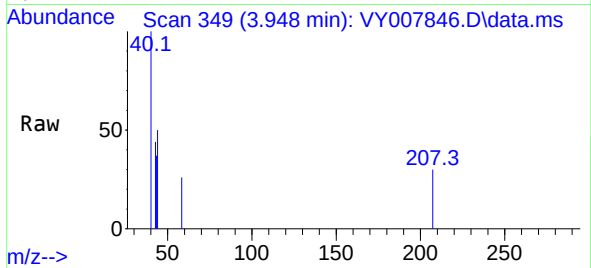




#16
Acetone
Concen: 8.172 ug/l
RT: 3.948 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

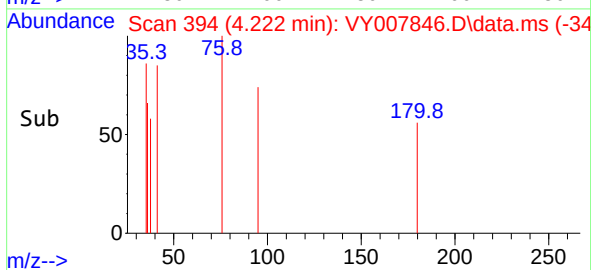
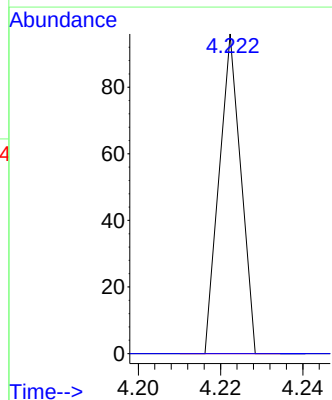
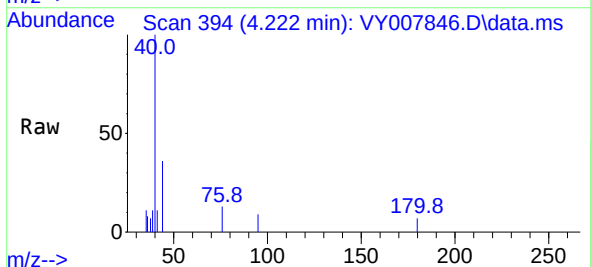
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

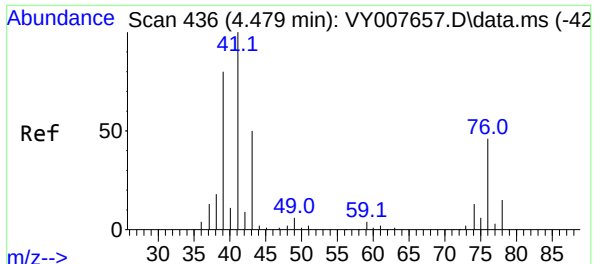
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.222 min Scan# 394
Delta R.T. 0.030 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion: 76 Resp: 35
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

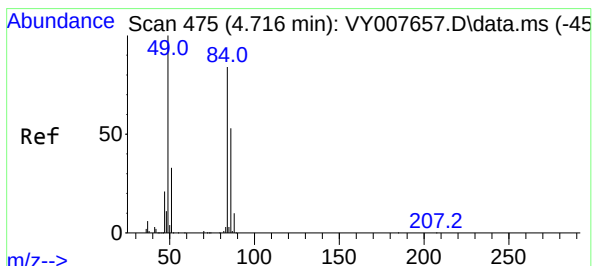
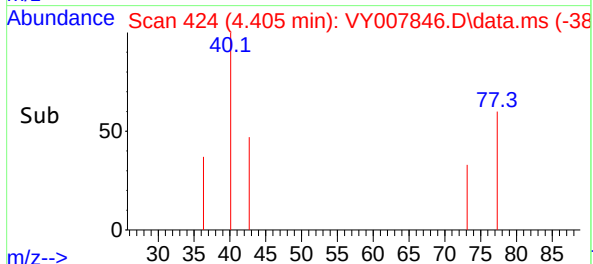
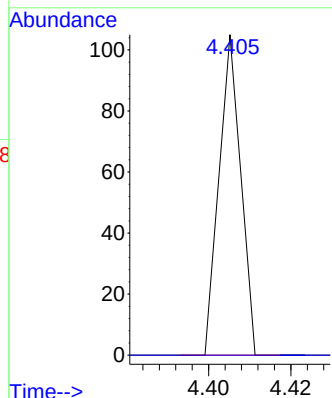
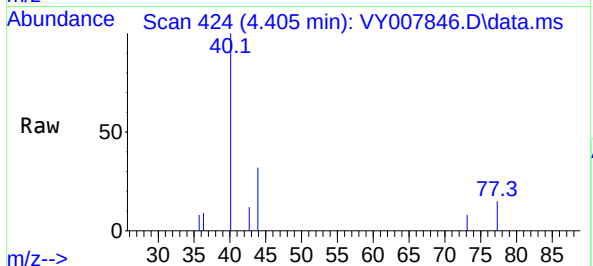




#18
Methyl Acetate
Concen: Below Cal
RT: 4.405 min Scan# 41
Delta R.T. -0.074 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

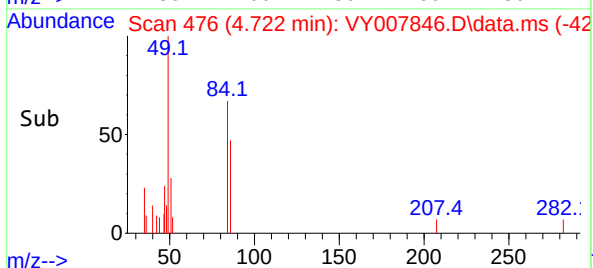
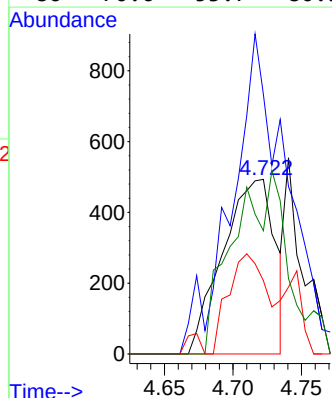
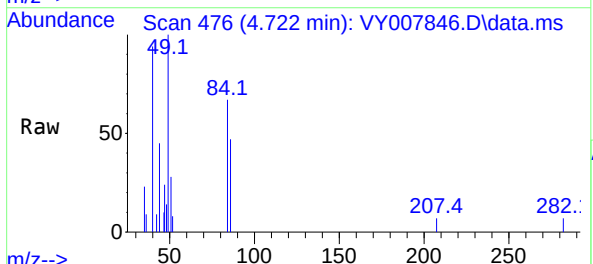
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

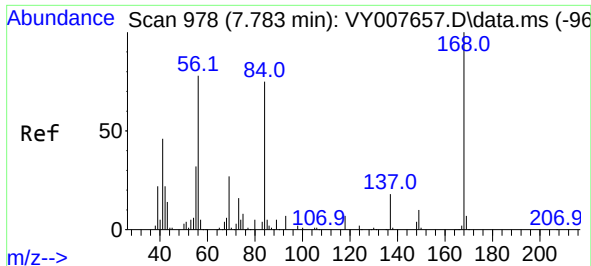
Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion: 84 Resp: 1300
Ion Ratio Lower Upper
84 100
49 148.7 114.4 171.6
51 42.0 35.3 52.9
86 70.6 53.7 80.5

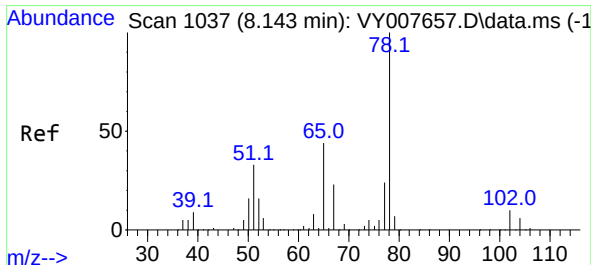
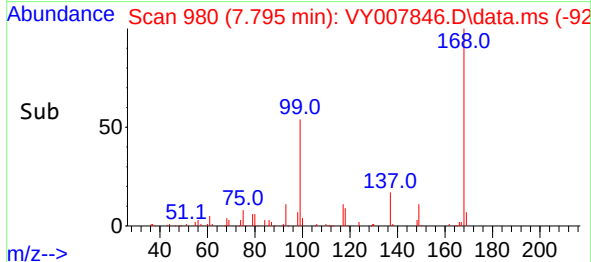
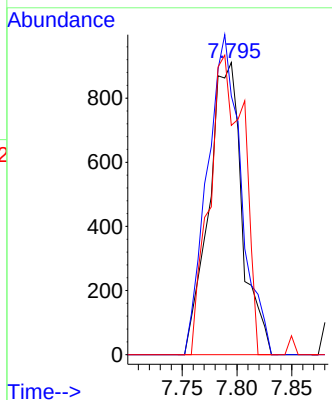
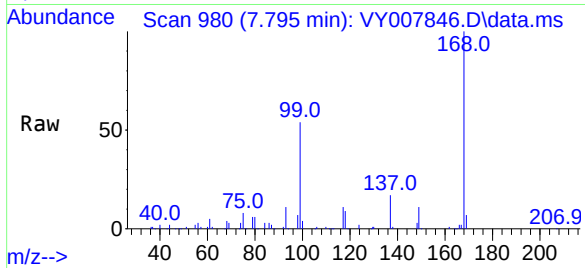




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

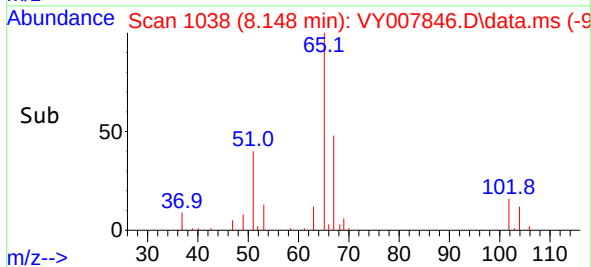
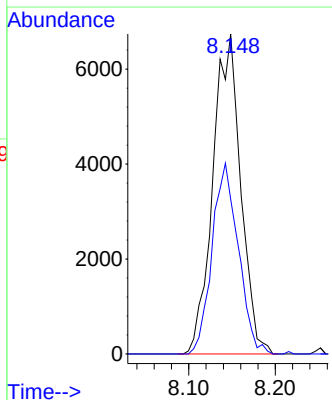
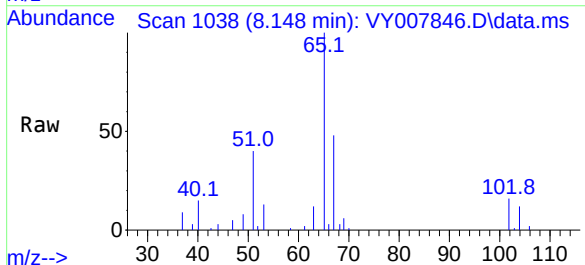
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

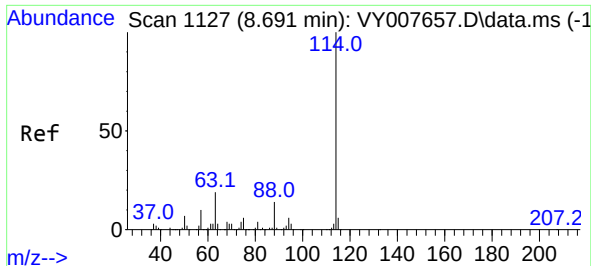
Tgt Ion: 56 Resp: 1916
Ion Ratio Lower Upper
56 100
69 88.6 26.7 40.1#
84 78.5 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 23.912 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion: 65 Resp: 15045
Ion Ratio Lower Upper
65 100
67 56.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007846.D

Acq: 11 Mar 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

SR-EX2A-BASE-02

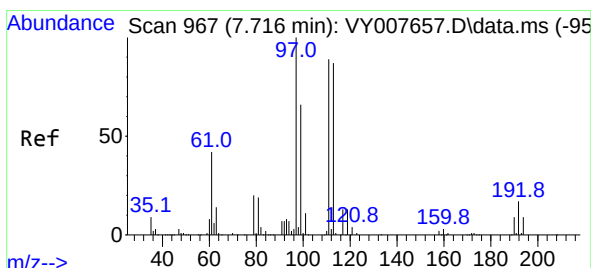
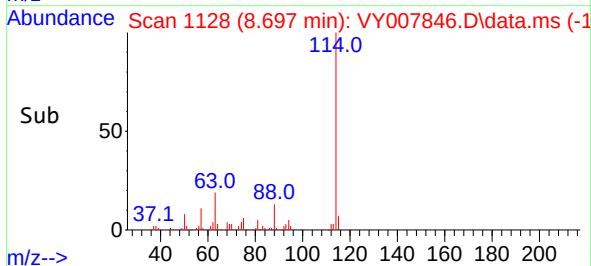
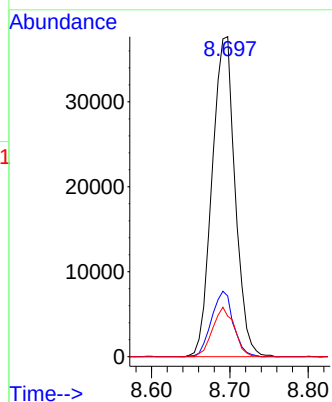
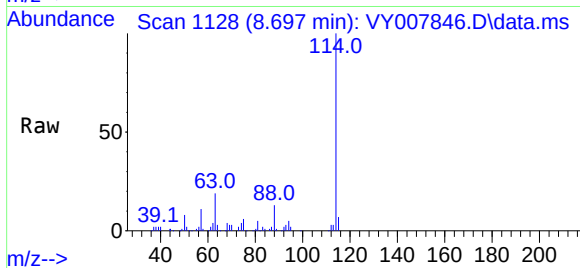
Tgt Ion:114 Resp: 76861

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 12.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.339 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007846.D

Acq: 11 Mar 2022 11:56

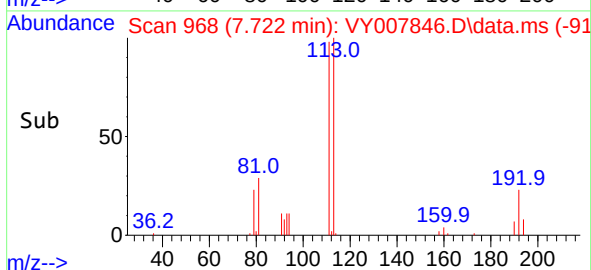
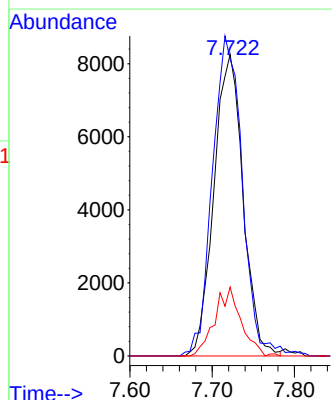
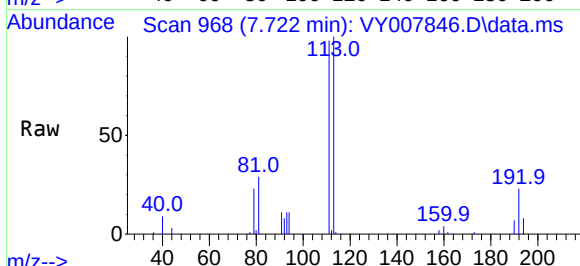
Tgt Ion:113 Resp: 20314

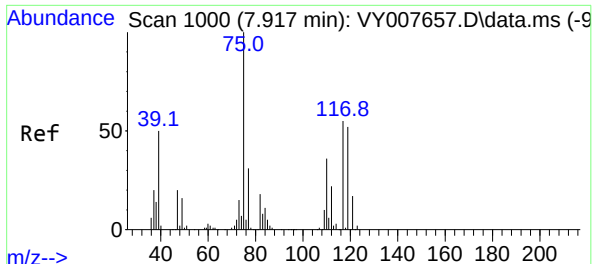
Ion Ratio Lower Upper

113 100

111 109.1 82.6 124.0

192 20.7 17.6 26.4

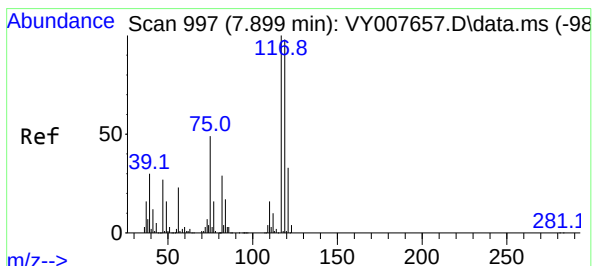
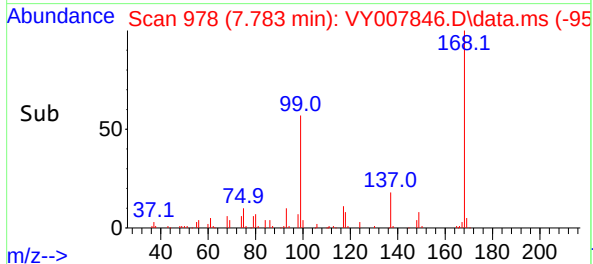
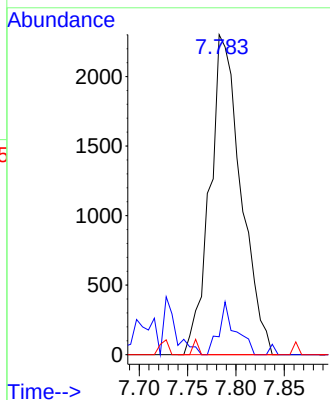
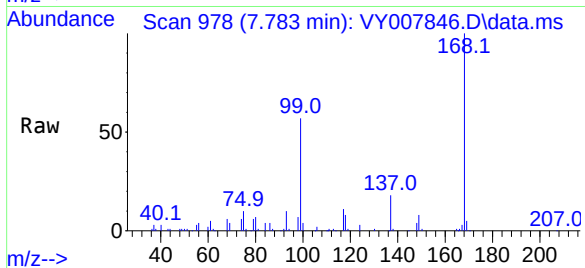




#36
1,1-Dichloropropene
Concen: 6.666 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

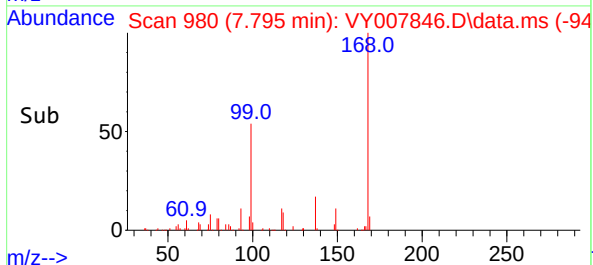
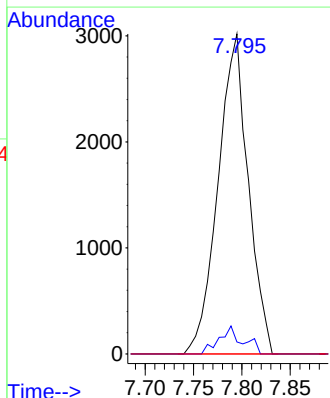
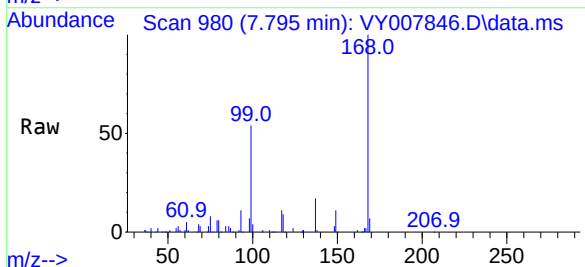
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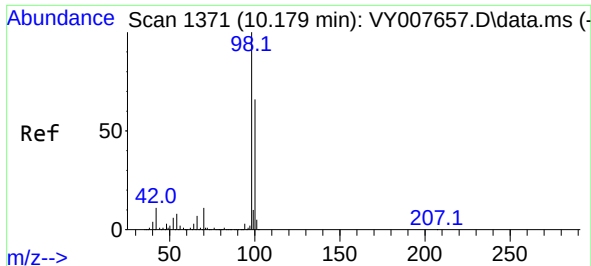
Tgt Ion: 75 Resp: 5153
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.939 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion: 117 Resp: 6546
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#

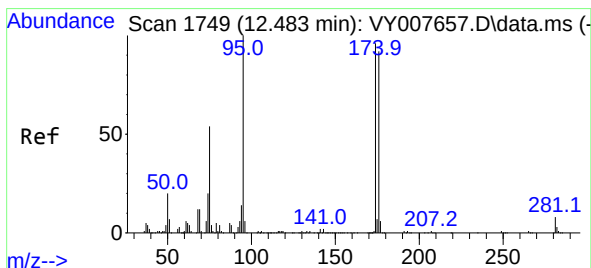
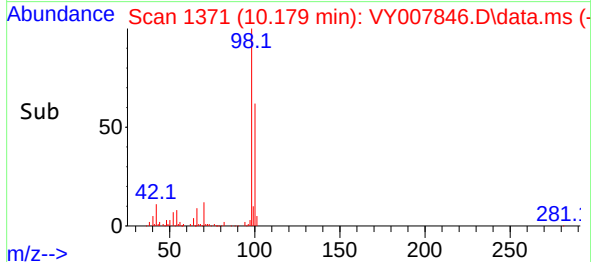
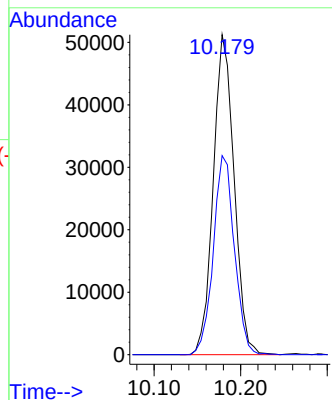
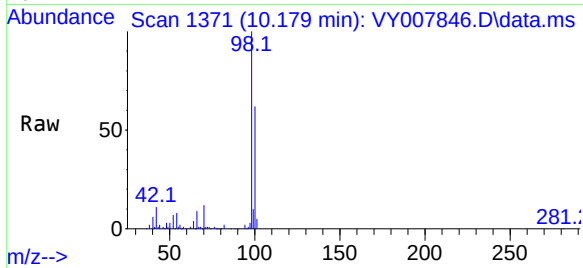




#50
Toluene-d8
Concen: 47.285 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

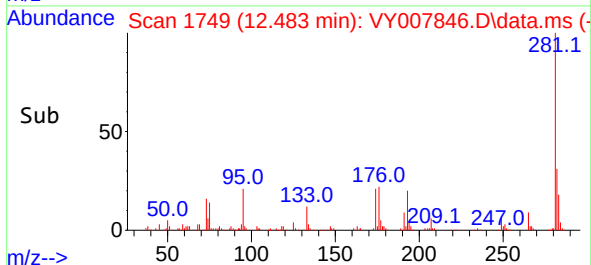
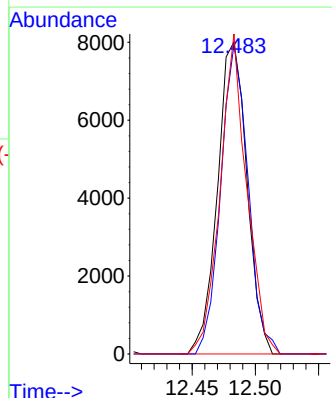
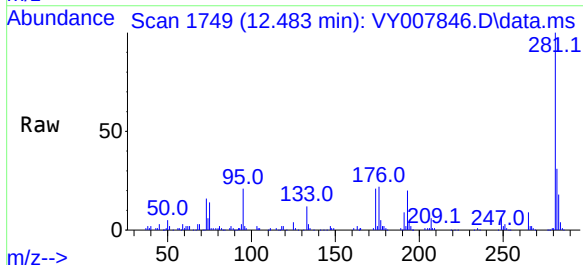
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

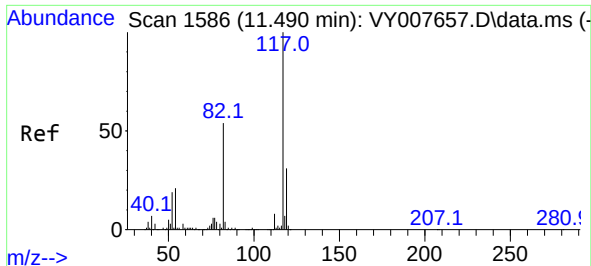
Tgt Ion: 98 Resp: 85532
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 22.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion: 95 Resp: 12975
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 92.5 0.0 175.8

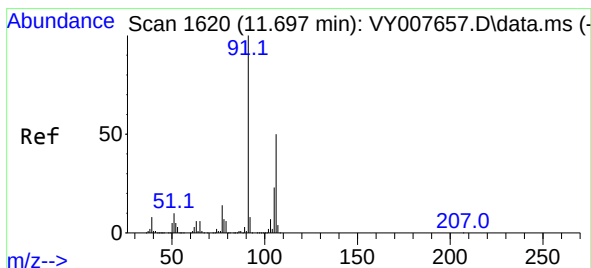
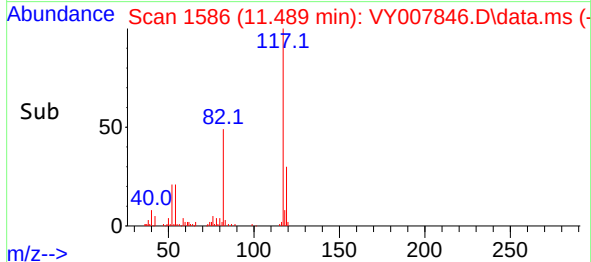
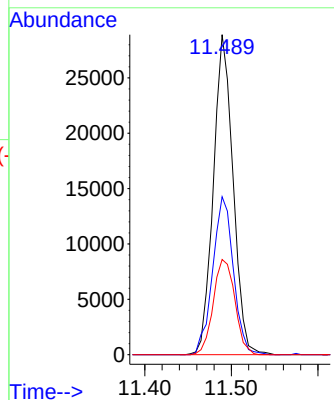
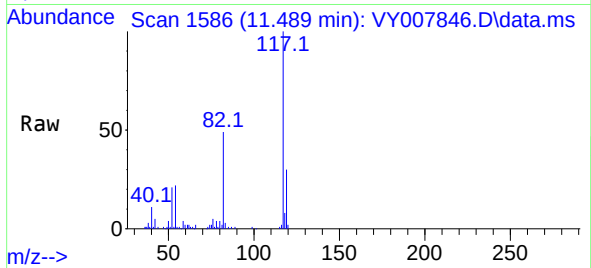




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

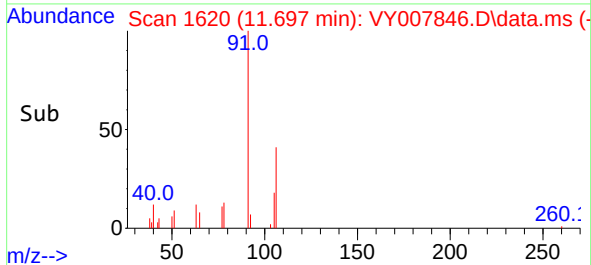
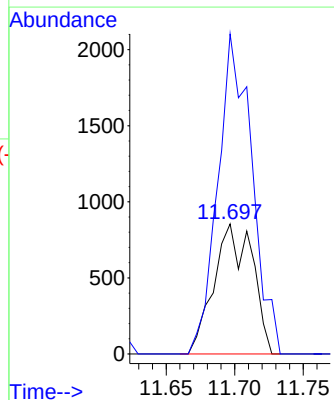
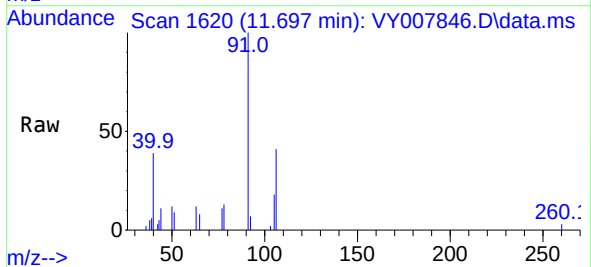
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

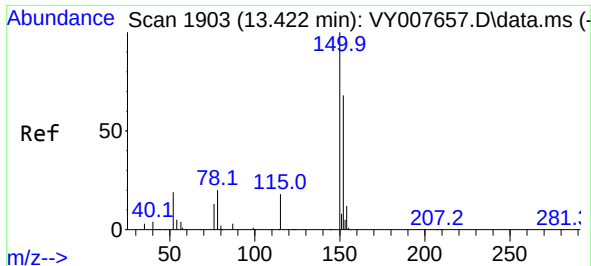
Tgt Ion:	117	Resp:	45756
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.0	64.4
119	29.7	25.4	38.0



#68
m/p-Xylenes
Concen: 2.412 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion:	106	Resp:	1664
Ion	Ratio	Lower	Upper
106	100		
91	218.3	166.6	249.8

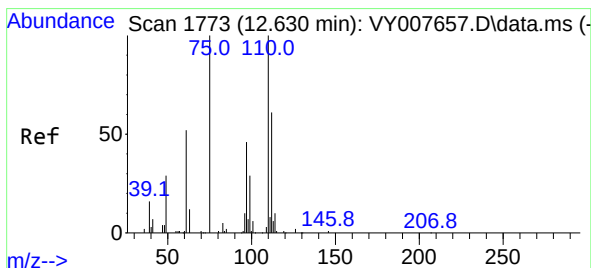
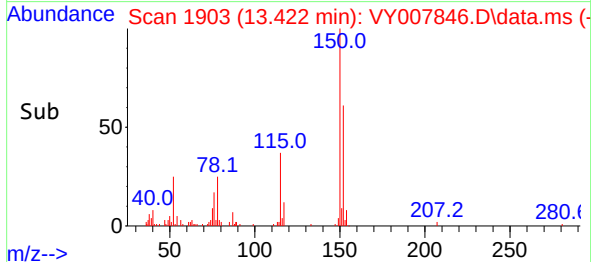
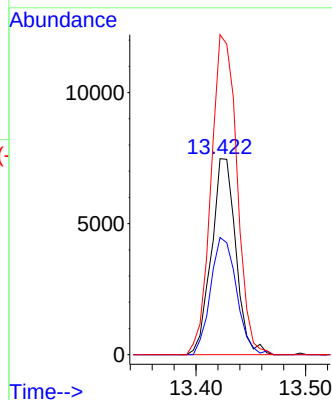
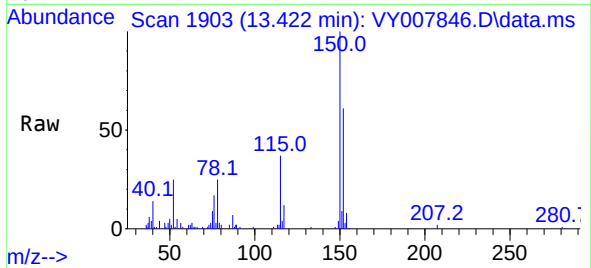




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY007846.D
 Acq: 11 Mar 2022 11:56

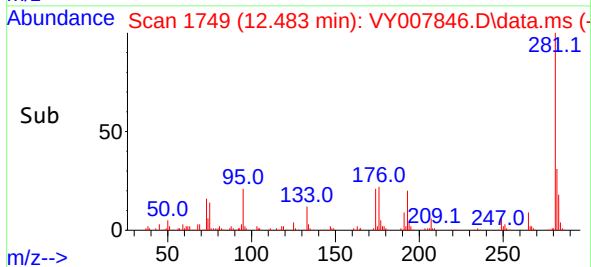
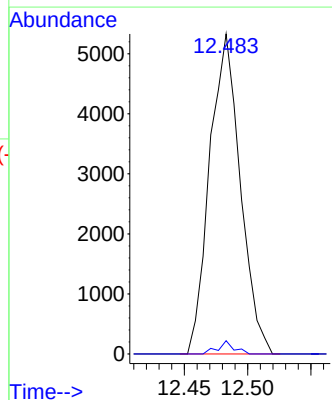
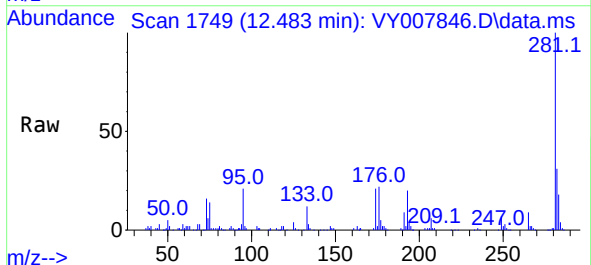
Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2A-BASE-02

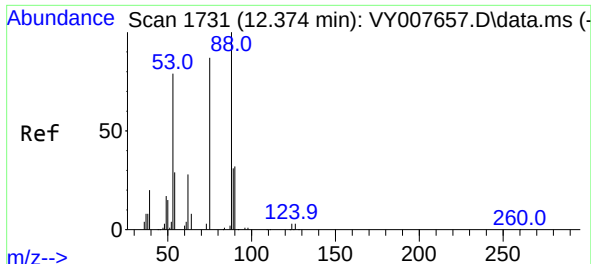
Tgt Ion:152 Resp: 11594
 Ion Ratio Lower Upper
 152 100
 115 63.4 28.2 84.7
 150 172.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 69.417 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007846.D
 Acq: 11 Mar 2022 11:56

Tgt Ion: 75 Resp: 8988
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#

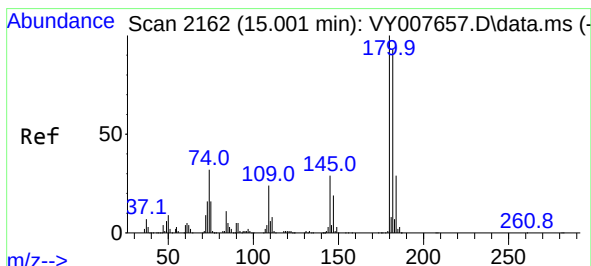
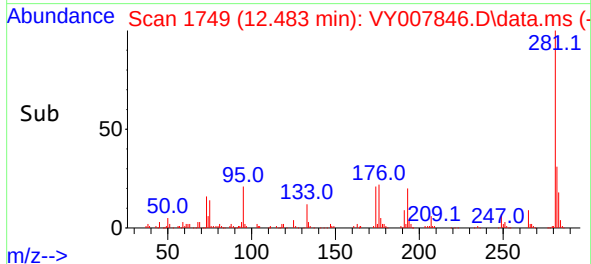
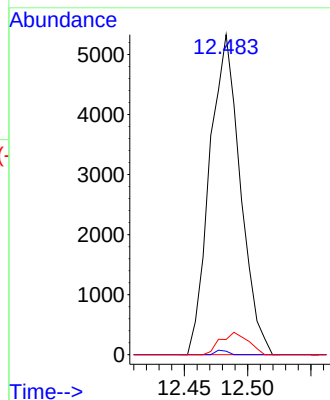
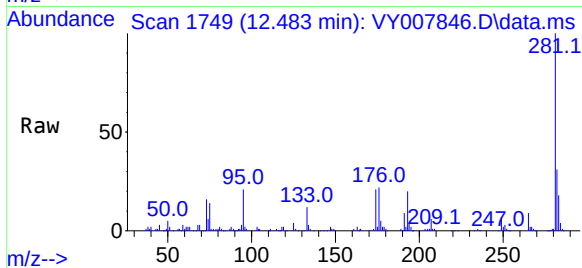




#81
trans-1,4-Dichloro-2-butene
Concen: 141.915 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

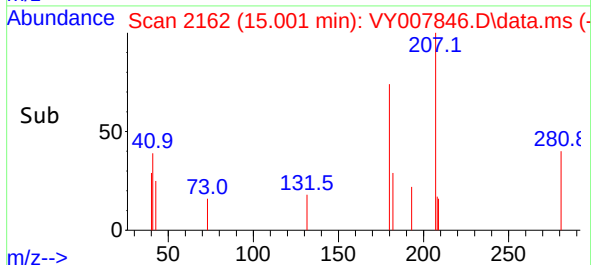
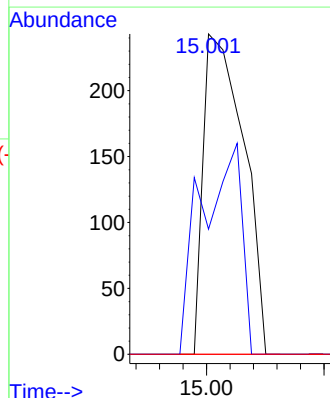
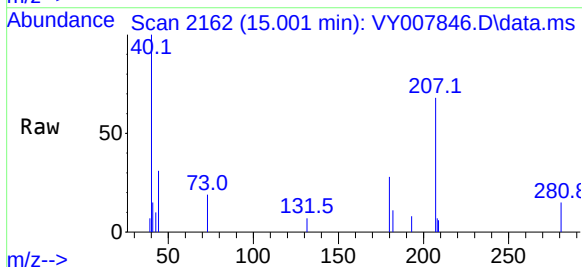
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

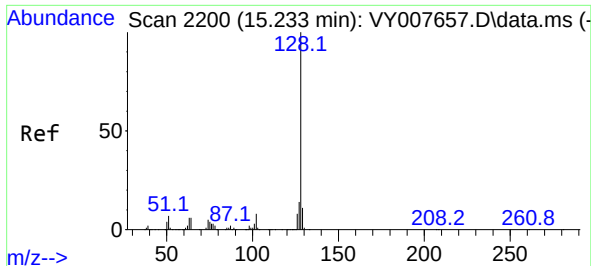
Tgt Ion: 75 Resp: 8988
Ion Ratio Lower Upper
75 100
53 0.5 85.3 127.9#
89 6.3 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.246 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion:180 Resp: 290
Ion Ratio Lower Upper
180 100
182 65.5 47.3 141.9
145 0.0 14.6 43.8#

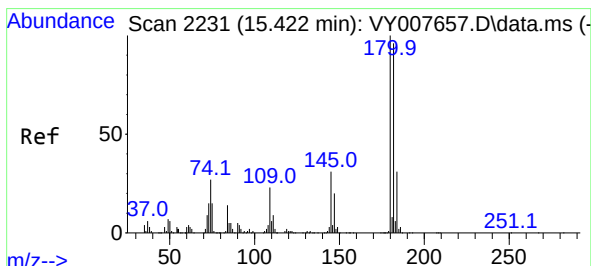
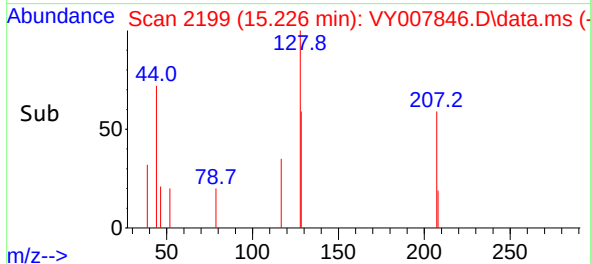
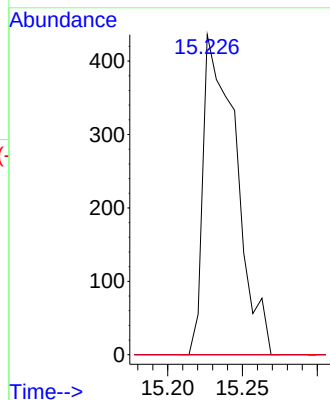
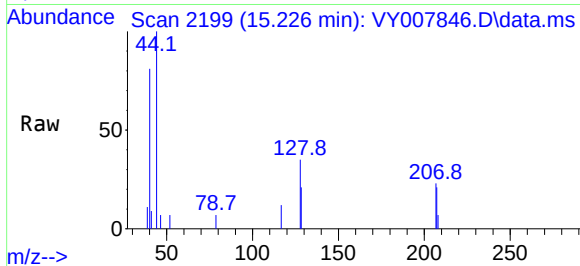




#95
Naphthalene
Concen: 1.409 ug/l
RT: 15.226 min Scan# 2199
Delta R.T. -0.007 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

Tgt Ion:128 Resp: 667
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 1.061 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.001 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion:180 Resp: 220
Ion Ratio Lower Upper
180 100
182 39.5 47.3 141.9#
145 32.3 15.3 45.9

