

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007693.D
 Acq On : 03 Mar 2022 10:22
 Operator : SY/MD
 Sample : VY0303SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL01

Quant Time: Mar 04 00:39:16 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)

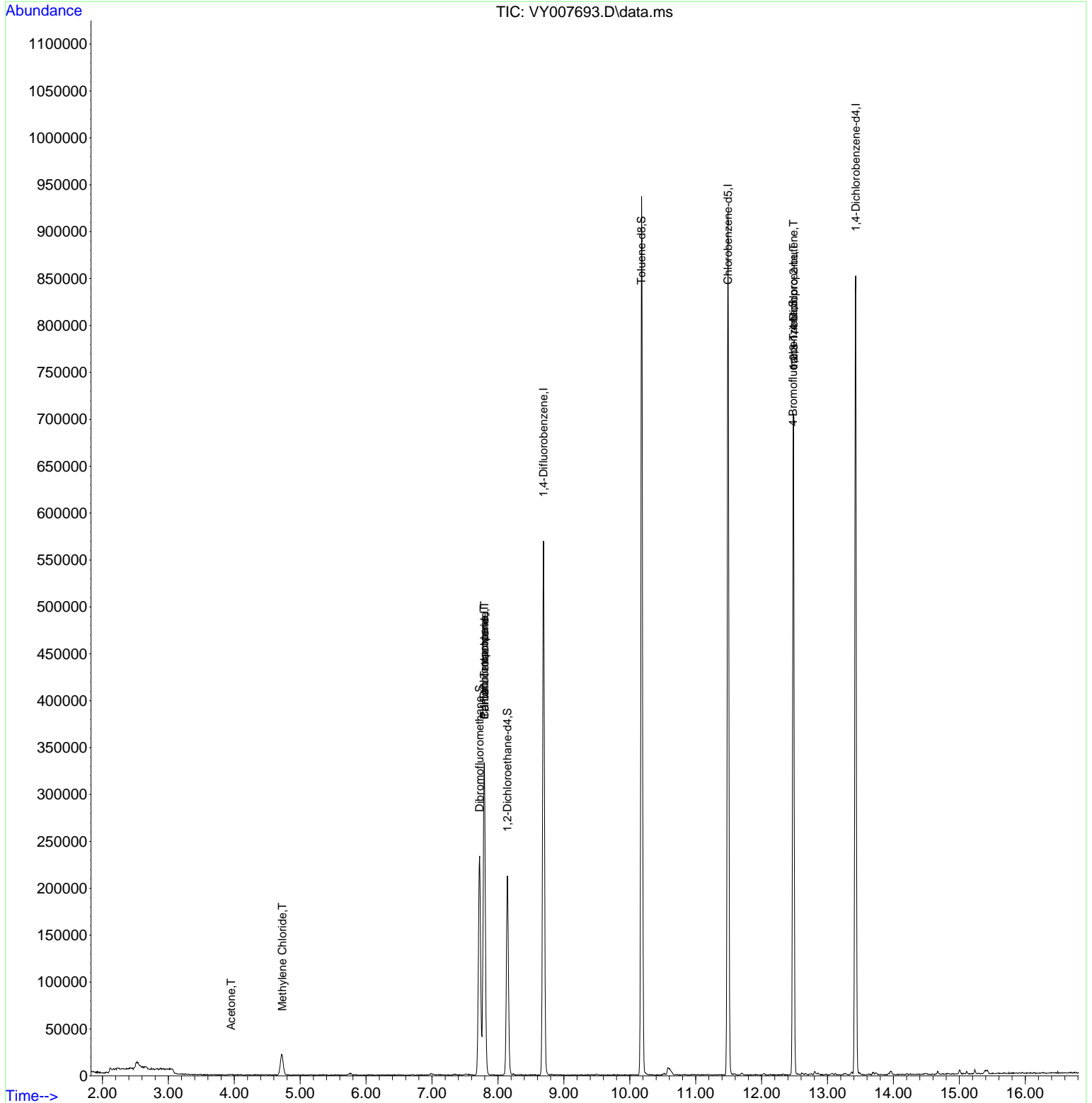
Internal Standards						
1) Pentafluorobenzene	7.795	168	265647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	481183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	483195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	217766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	156068	56.118	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	112.240%	
35) Dibromofluoromethane	7.722	113	159860	51.964	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	103.920%	
50) Toluene-d8	10.179	98	608323	53.719	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	107.440%	
62) 4-Bromofluorobenzene	12.477	95	197446	54.090	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	108.180%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	67	Below Cal	#	43
3) Chloromethane	2.113	50	2270	Below Cal		90
13) Acrolein	3.729	56	78	Below Cal	#	14
16) Acetone	3.954	43	1228	2.171	ug/l #	75
17) Carbon Disulfide	4.192	76	104	Below Cal	#	75
18) Methyl Acetate	4.491	43	622	Below Cal	#	76
20) Methylene Chloride	4.729	84	16882	2.047	ug/l #	73
31) Cyclohexane	7.783	56	5557	Below Cal	#	14
36) 1,1-Dichloropropene	7.789	75	20631	4.263	ug/l #	50
38) Carbon Tetrachloride	7.795	117	25337	4.908	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	109466	45.012	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	109466	92.021	ug/l #	7

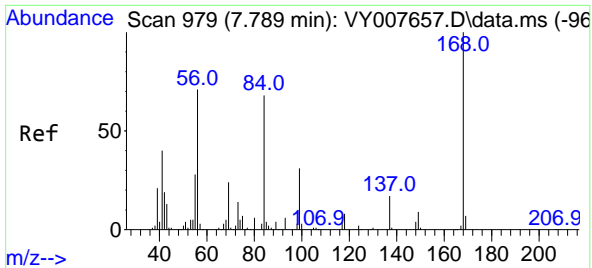
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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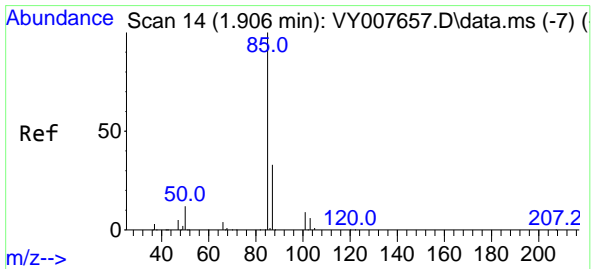
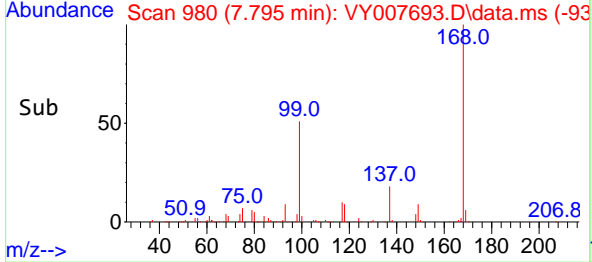
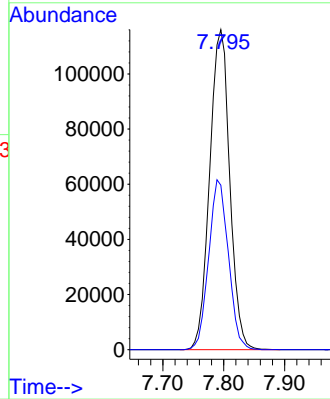
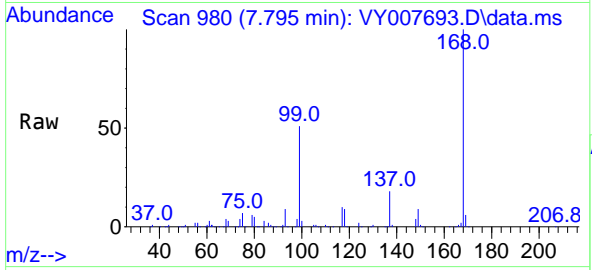




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

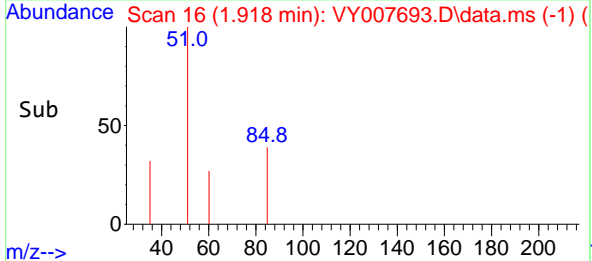
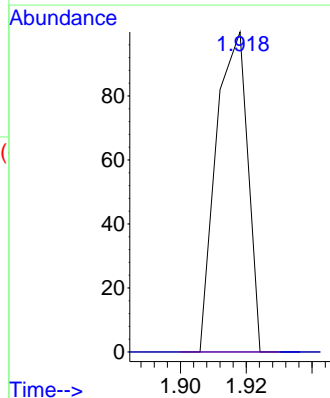
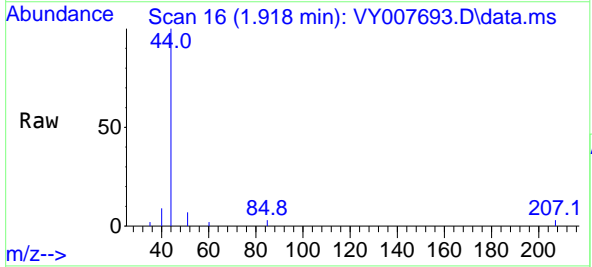
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL01

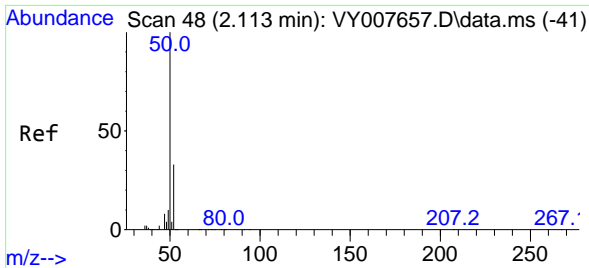
Tgt Ion:168 Resp: 265647
 Ion Ratio Lower Upper
 168 100
 99 51.4 46.9 70.3



#2
 Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.918 min Scan# 16
 Delta R.T. 0.012 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Tgt Ion: 85 Resp: 67
 Ion Ratio Lower Upper
 85 100
 87 0.0 16.1 48.2#

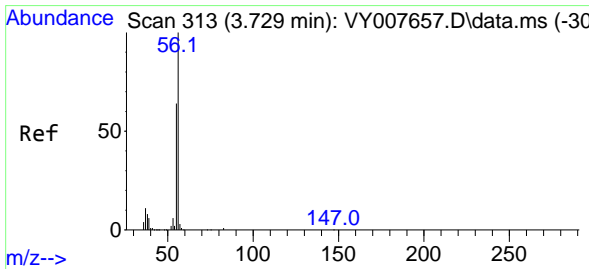
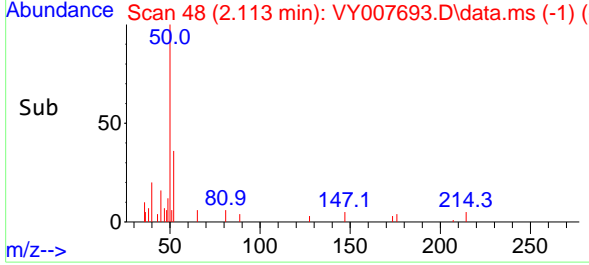
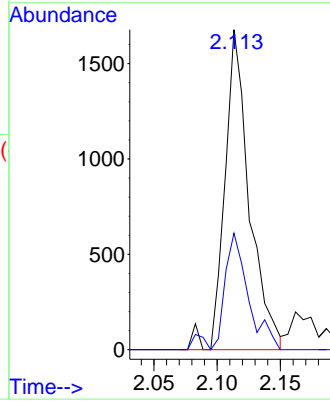
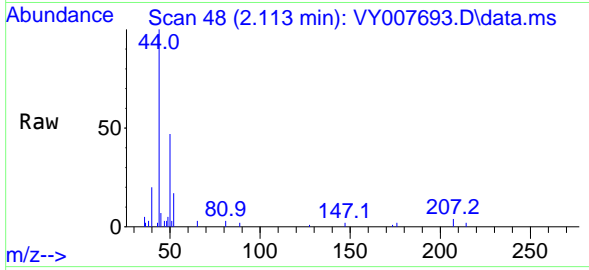




#3
 Chloromethane
 Concen: Below Cal
 RT: 2.113 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

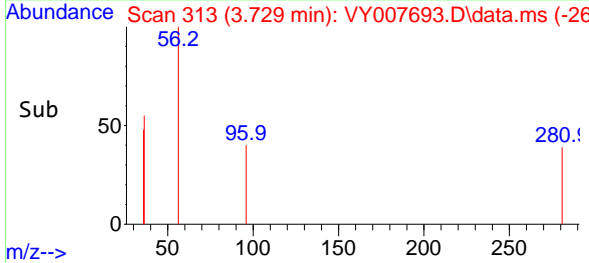
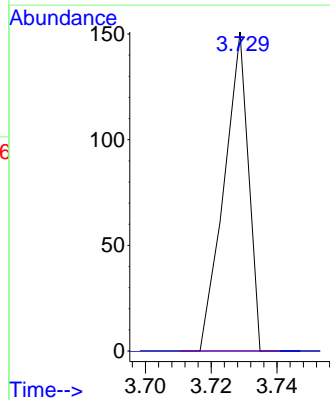
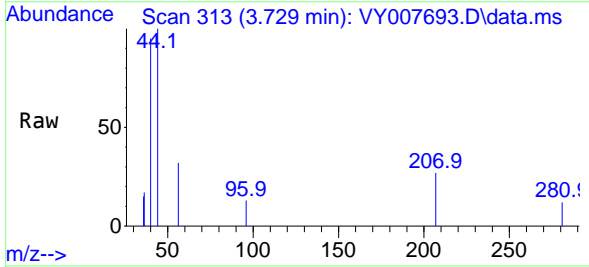
Instrument : MSVOA_Y
 ClientSampleId : VY0303SBL01

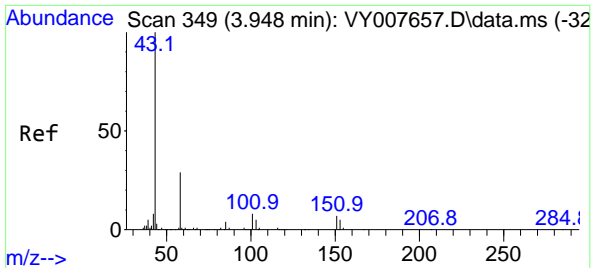
Tgt Ion: 50 Resp: 2270
 Ion Ratio Lower Upper
 50 100
 52 36.4 24.6 37.0



#13
 Acrolein
 Concen: Below Cal
 RT: 3.729 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Tgt Ion: 56 Resp: 78
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.6 86.4#

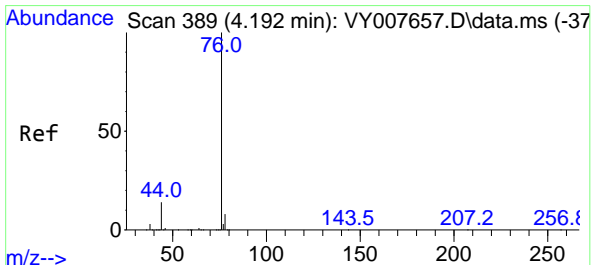
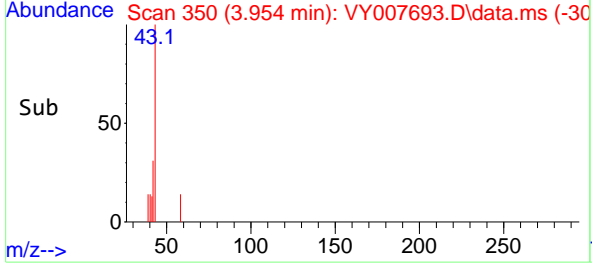
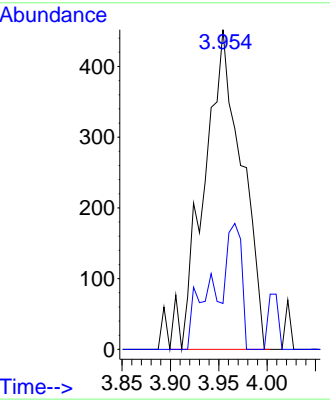
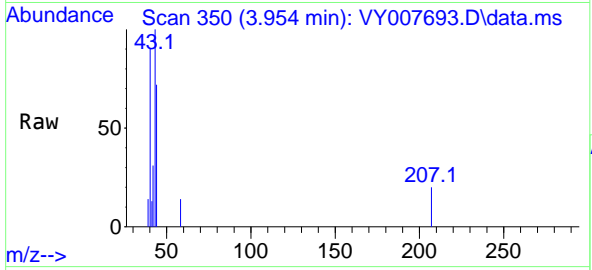




#16
 Acetone
 Concen: 2.171 ug/l
 RT: 3.954 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

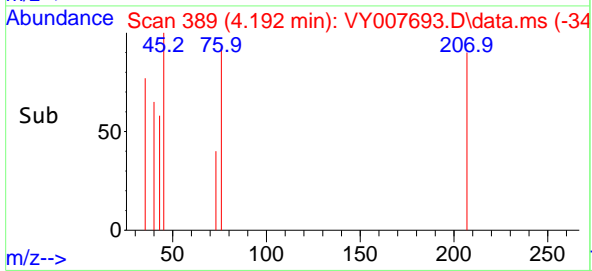
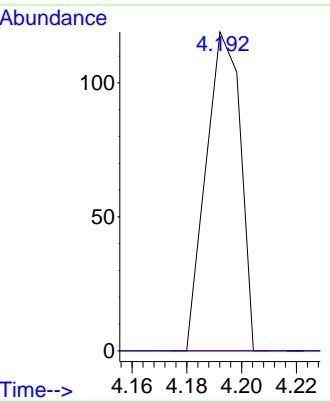
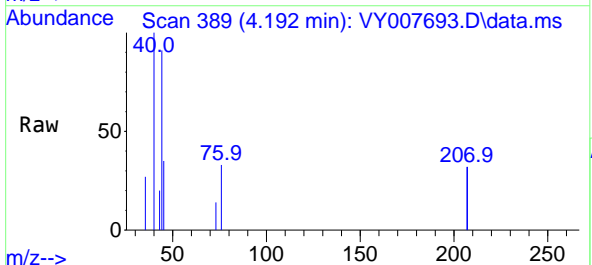
Instrument : MSVOA_Y
 ClientSampleId : VY0303SBL01

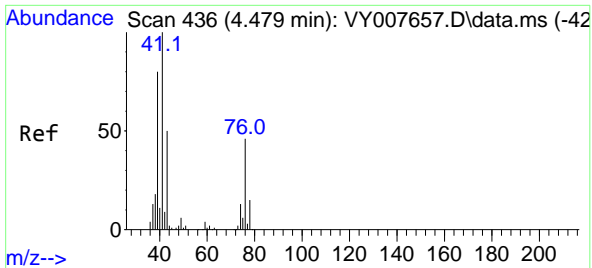
Tgt Ion: 43 Resp: 1228
 Ion Ratio Lower Upper
 43 100
 58 14.4 22.0 33.0#



#17
 Carbon Disulfide
 Concen: Below Cal
 RT: 4.192 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

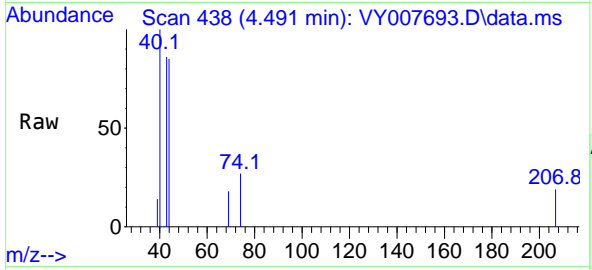
Tgt Ion: 76 Resp: 104
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.4 11.0#



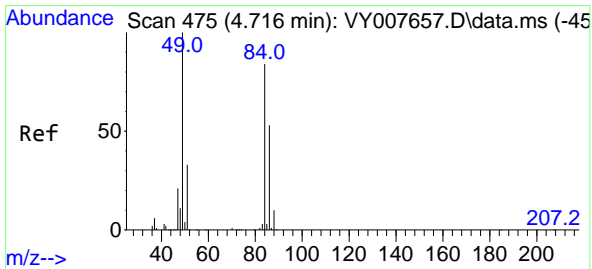
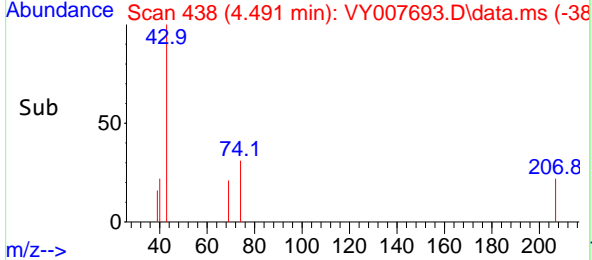
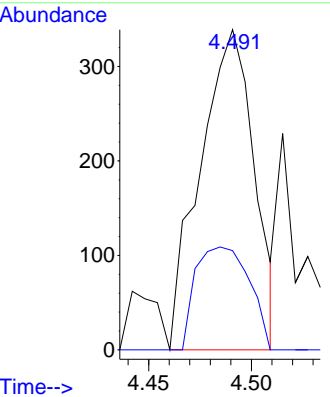


#18
 Methyl Acetate
 Concen: Below Cal
 RT: 4.491 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

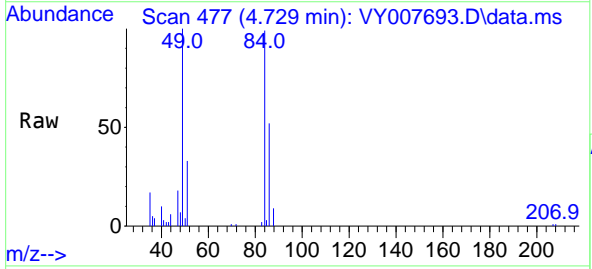
Instrument : MSVOA_Y
 Client SampleId : VY0303SBL01



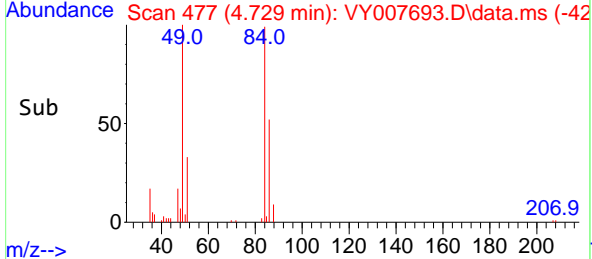
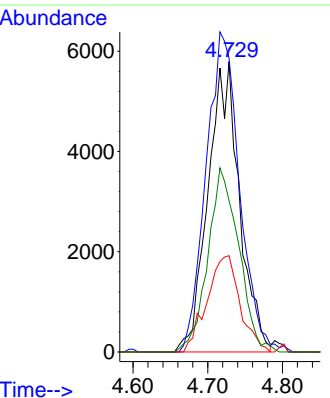
Tgt Ion: 43 Resp: 622
 Ion Ratio Lower Upper
 43 100
 74 31.8 16.6 24.8#

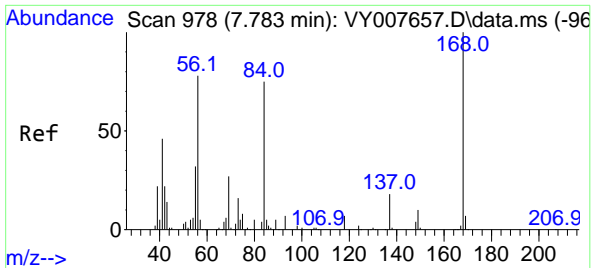


#20
 Methylene Chloride
 Concen: 2.047 ug/l
 RT: 4.729 min Scan# 477
 Delta R.T. 0.013 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22



Tgt Ion: 84 Resp: 16882
 Ion Ratio Lower Upper
 84 100
 49 101.1 114.4 171.6#
 51 33.2 35.3 52.9#
 86 52.1 53.7 80.5#



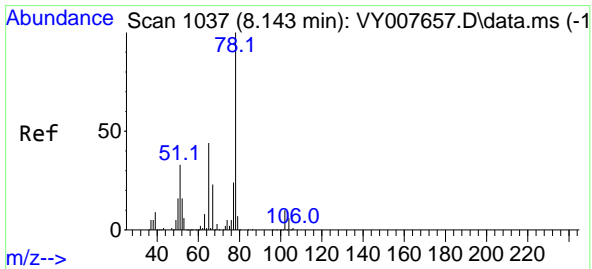
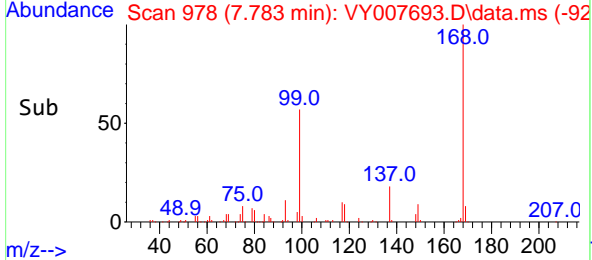
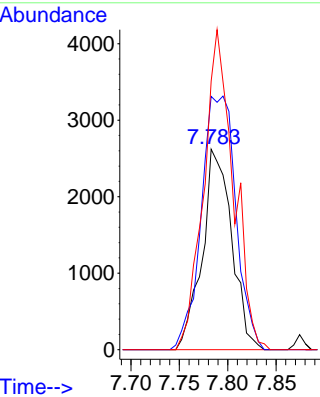
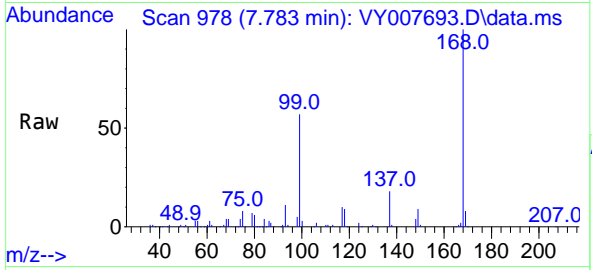


#31
 Cyclohexane
 Concen: Below Cal
 RT: 7.783 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Instrument : MSVOA_Y
 ClientSampleId : VY0303SBL01

Tgt Ion: 56 Resp: 5557

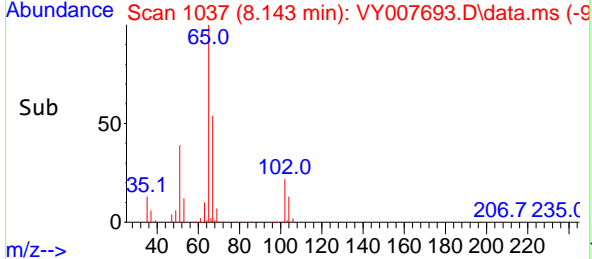
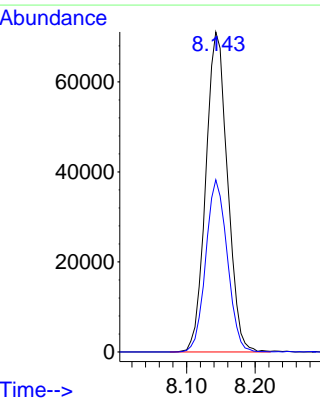
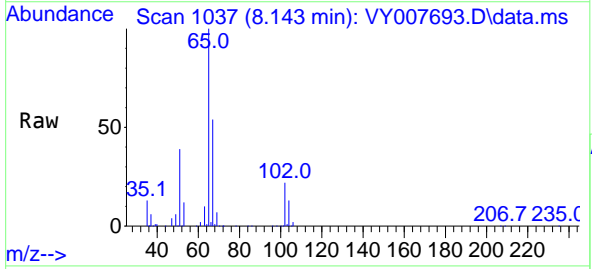
Ion	Ratio	Lower	Upper
56	100		
69	126.3	26.7	40.1#
84	133.9	67.2	100.8#

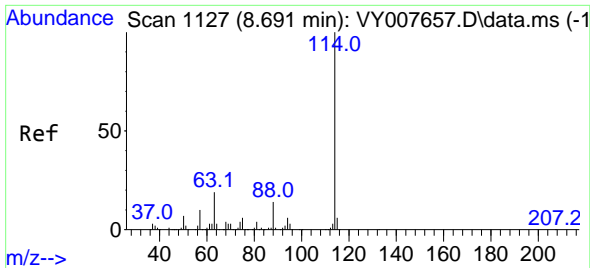


#33
 1,2-Dichloroethane-d4
 Concen: 56.118 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Tgt Ion: 65 Resp: 156068

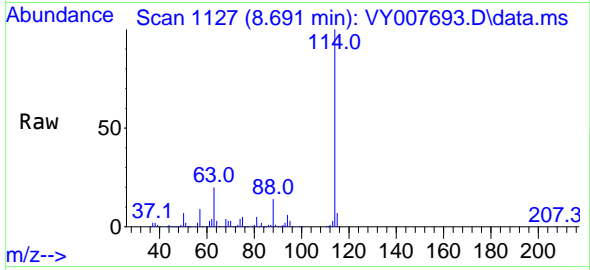
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	99.4



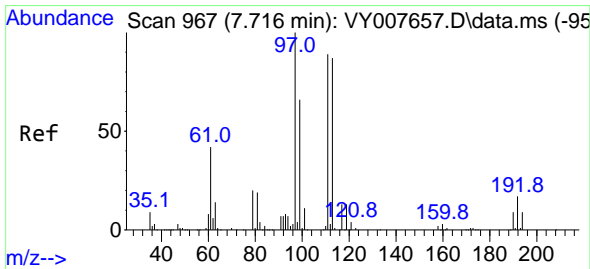
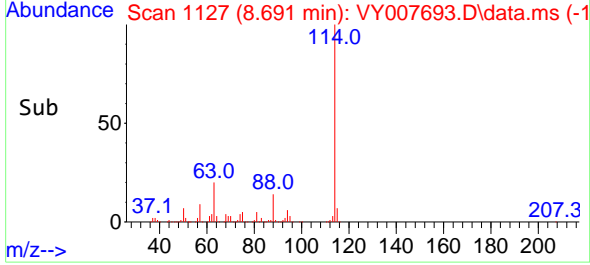
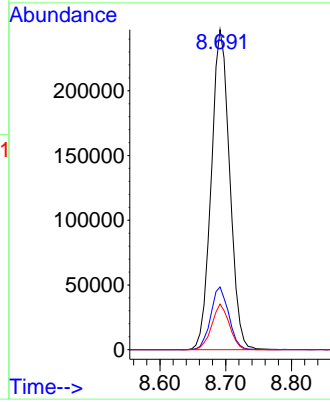


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Instrument : MSVOA_Y
 ClientSampleId : VY0303SBL01

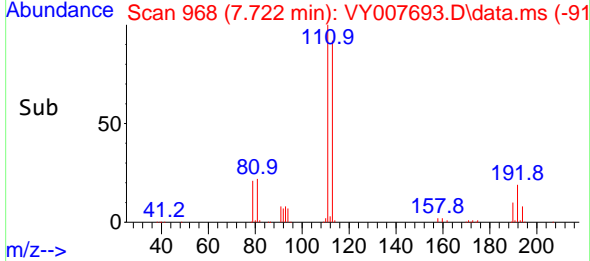
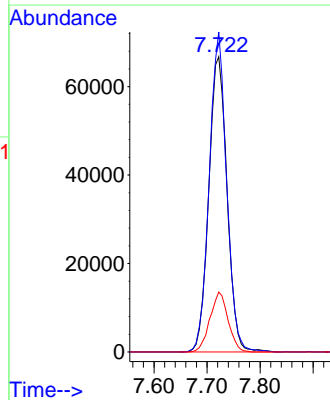
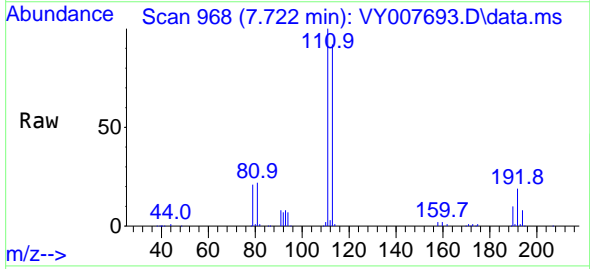


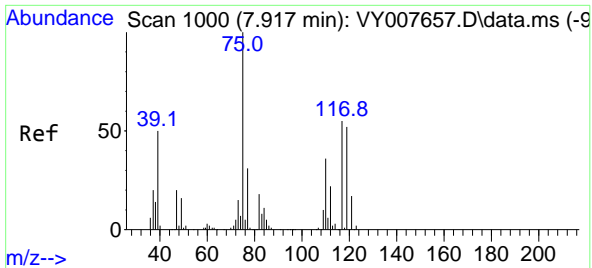
Tgt Ion:114 Resp: 481183
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 14.3 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 51.964 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

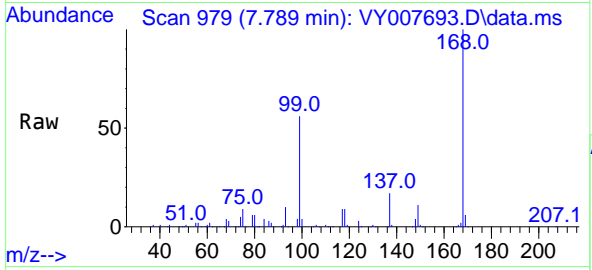
Tgt Ion:113 Resp: 159860
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.6 124.0
 192 20.1 17.6 26.4





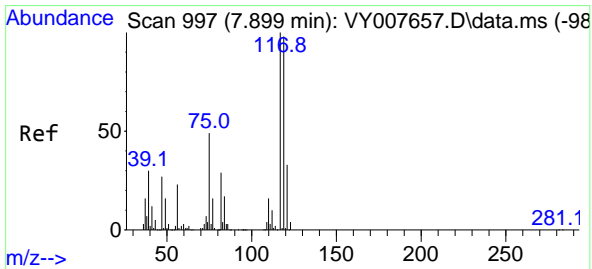
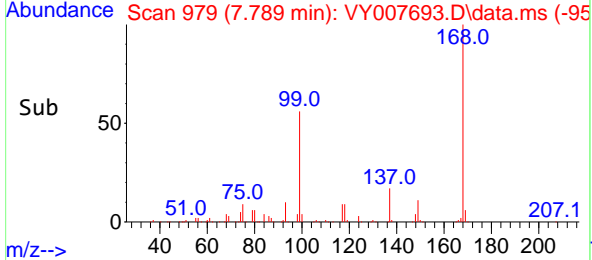
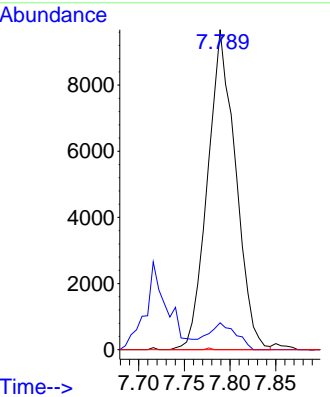
#36
 1,1-Dichloropropene
 Concen: 4.263 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Instrument : MSVOA_Y
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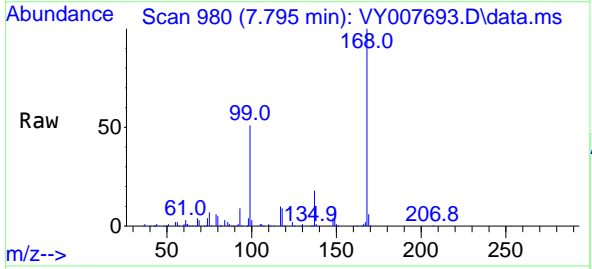


Tgt Ion: 75 Resp: 20631

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.1	24.4	36.6#

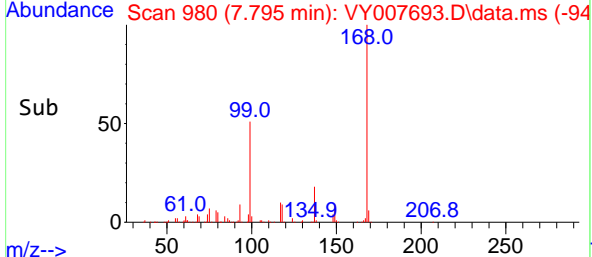
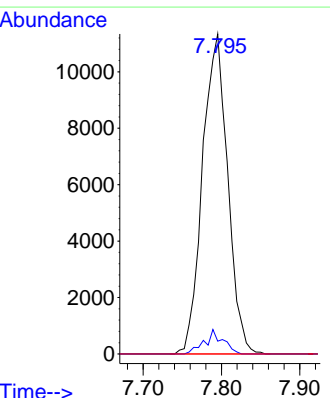


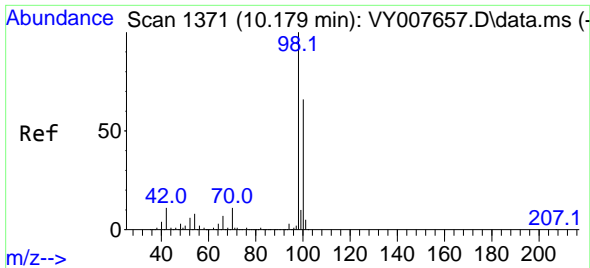
#38
 Carbon Tetrachloride
 Concen: 4.908 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.104 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22



Tgt Ion: 117 Resp: 25337

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.9	116.9#
121	0.0	24.8	37.2#

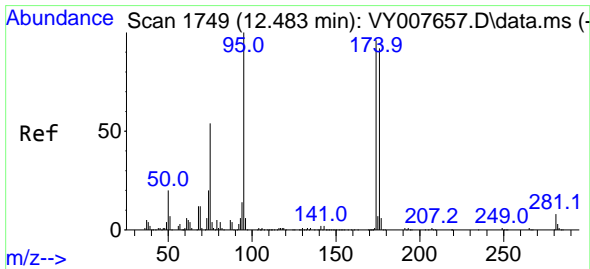
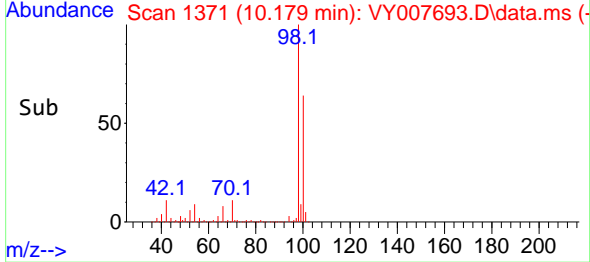
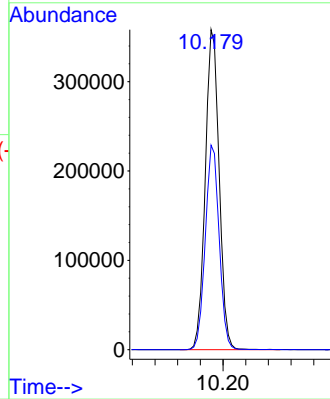
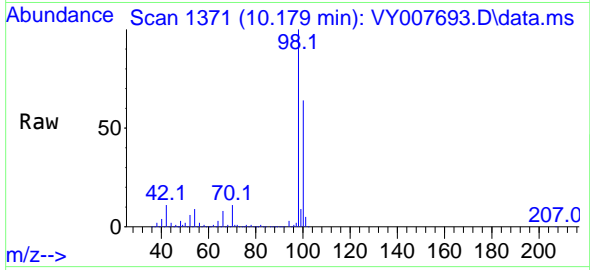




#50
 Toluene-d8
 Concen: 53.719 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

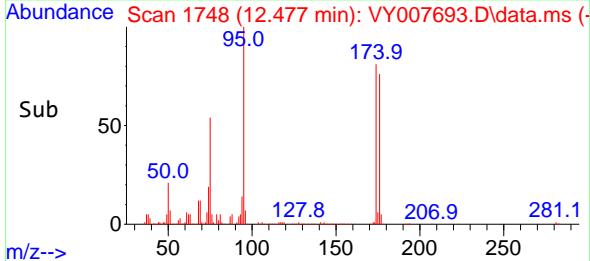
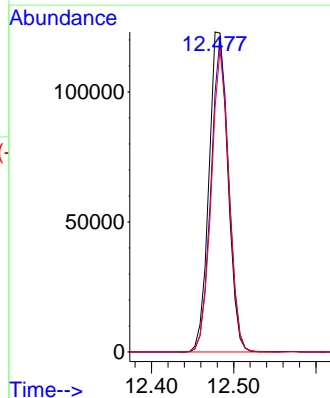
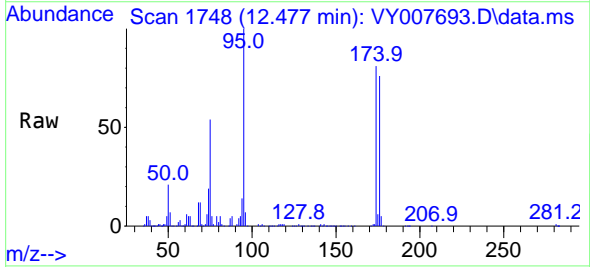
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL01

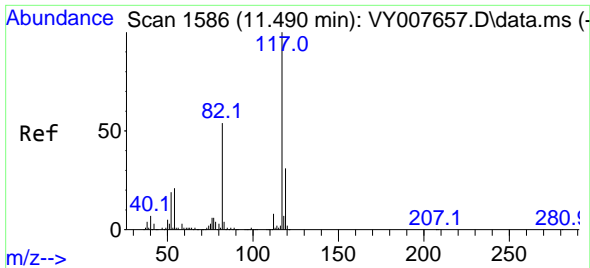
Tgt Ion: 98 Resp: 608323
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.2 75.2



#62
 4-Bromofluorobenzene
 Concen: 54.090 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.006 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

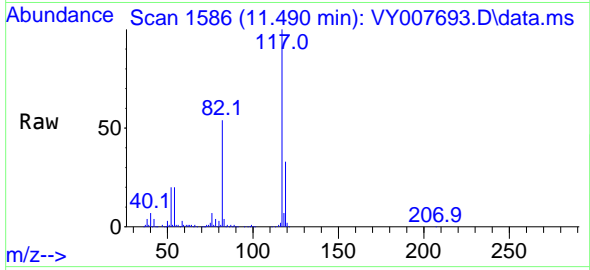
Tgt Ion: 95 Resp: 197446
 Ion Ratio Lower Upper
 95 100
 174 91.8 0.0 177.0
 176 88.2 0.0 175.8





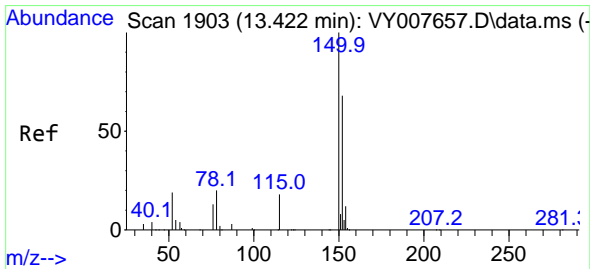
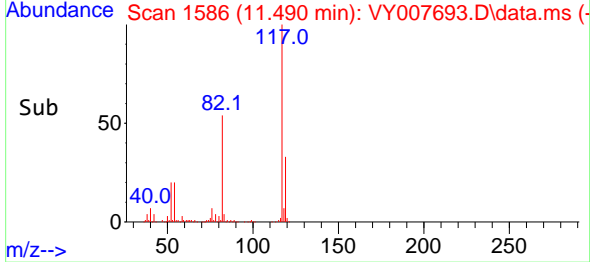
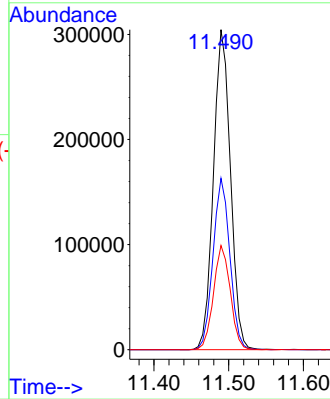
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0303SBL01

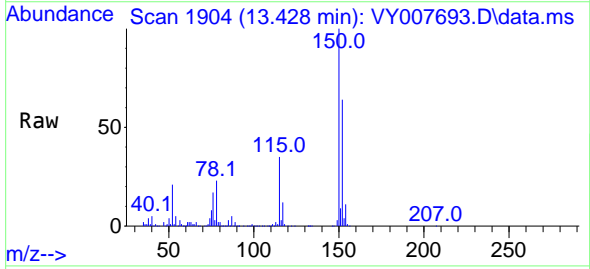


Tgt Ion:117 Resp: 483195

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.0	64.4
119	32.6	25.4	38.0

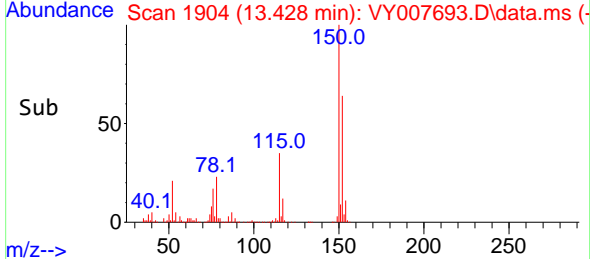
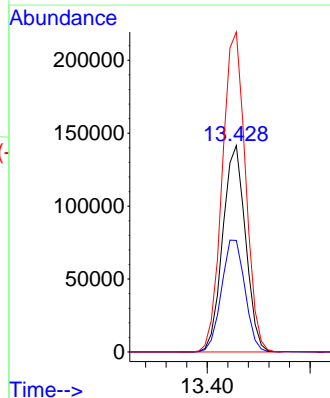


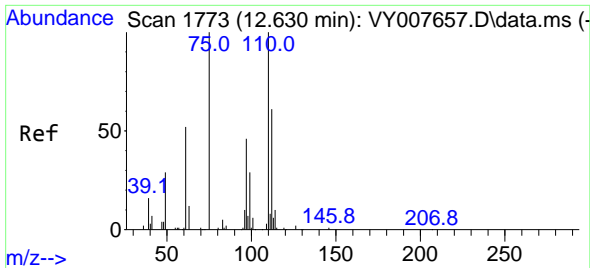
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22



Tgt Ion:152 Resp: 217766

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	157.9	0.0	347.6

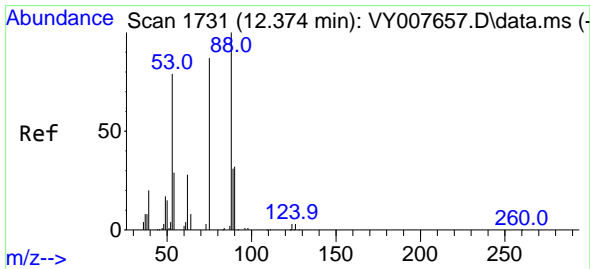
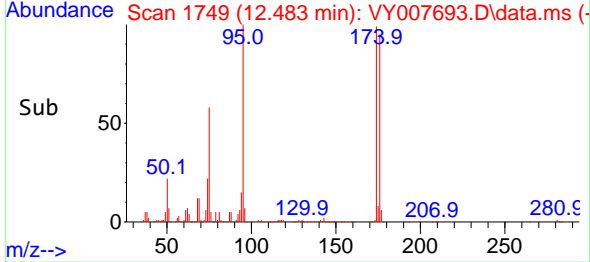
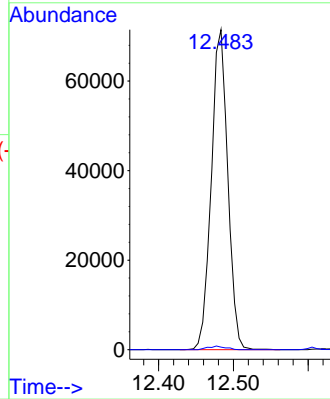
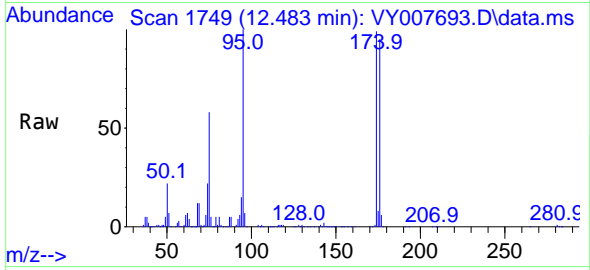




#76
 1,2,3-Trichloropropane
 Concen: 45.012 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Instrument : MSVOA_Y
 ClientSampleId : VY0303SBL01

Tgt Ion: 75 Resp: 109466
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.021 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.109 min
 Lab File: VY007693.D
 Acq: 03 Mar 2022 10:22

Tgt Ion: 75 Resp: 109466
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

