

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007827.D
 Acq On : 10 Mar 2022 15:59
 Operator : SY/MD
 Sample : N1825-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-28RE

Quant Time: Mar 10 23:57:24 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)

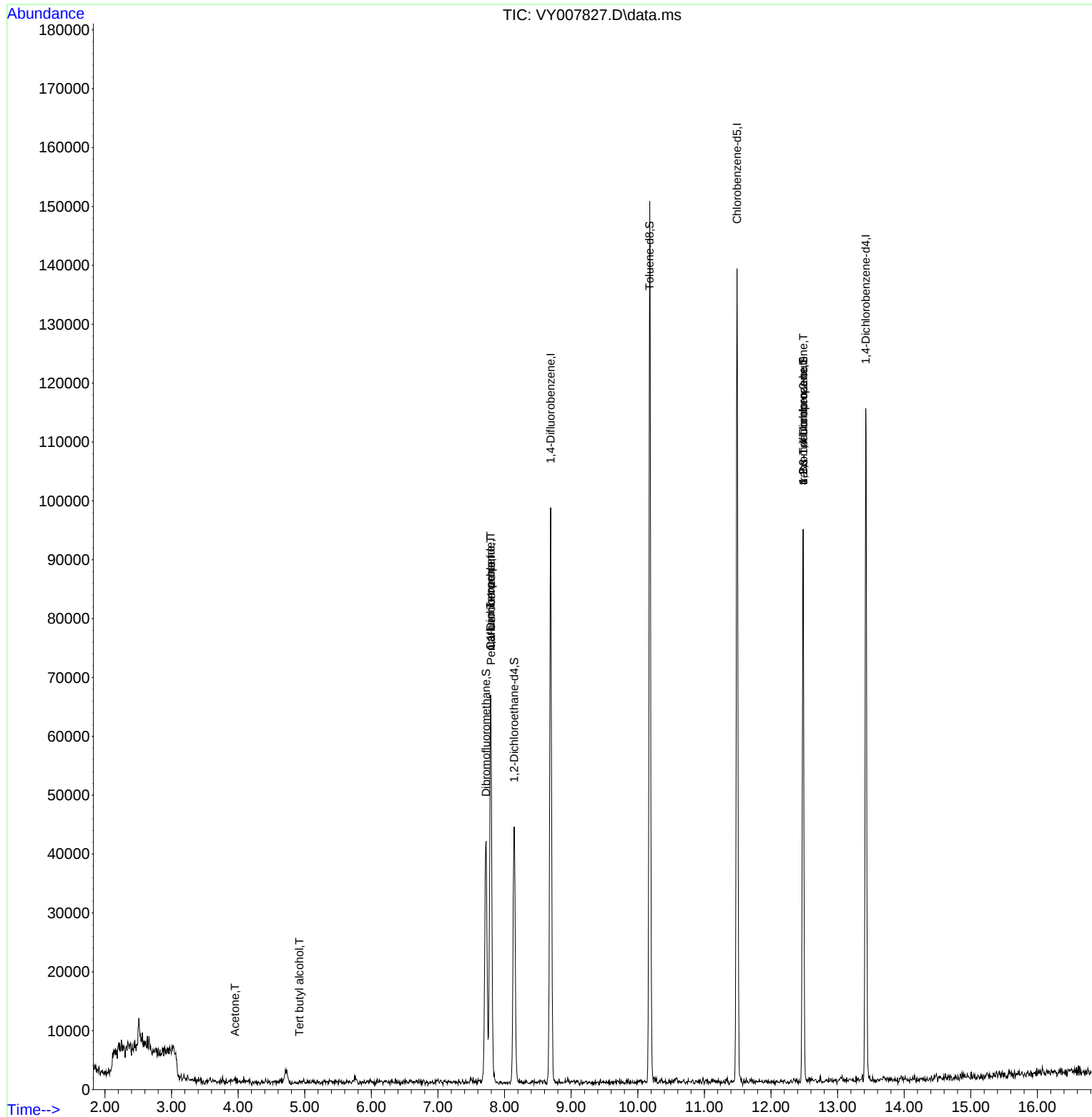
Internal Standards						
1) Pentafluorobenzene	7.795	168	48767	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	75678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	71733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	27163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32777	64.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.400%	
35) Dibromofluoromethane	7.722	113	27554	56.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.900%	
50) Toluene-d8	10.179	98	90526	50.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.483	95	24791	43.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	625	Below Cal	#	16
11) Tert butyl alcohol	4.918	59	90	2.036	ug/l #	77
13) Acrolein	3.674	56	33	Below Cal	#	83
16) Acetone	3.954	43	399	3.842	ug/l #	61
18) Methyl Acetate	4.473	43	114	Below Cal	#	56
20) Methylene Chloride	4.729	84	1327	Below Cal	#	66
31) Cyclohexane	7.789	56	1293	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	4293	5.640	ug/l #	48
38) Carbon Tetrachloride	7.789	117	4984	6.139	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	14600	48.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14600	98.395	ug/l #	7

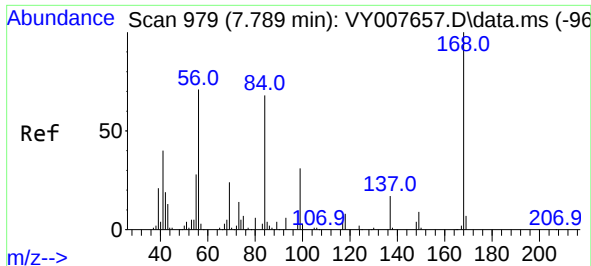
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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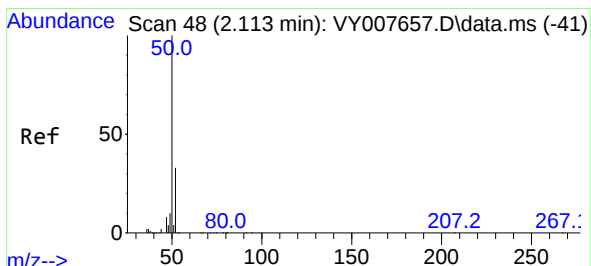
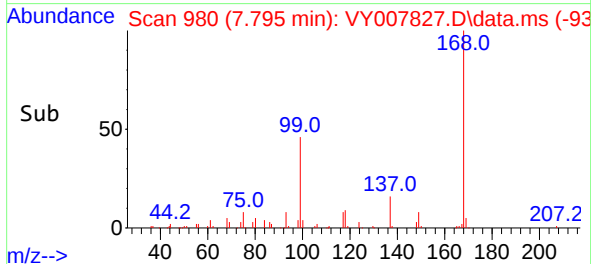
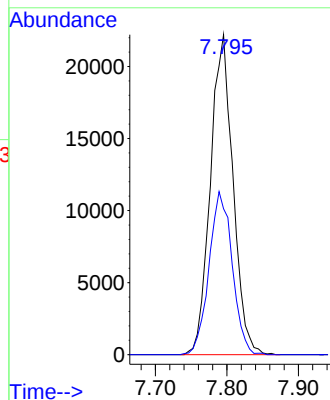
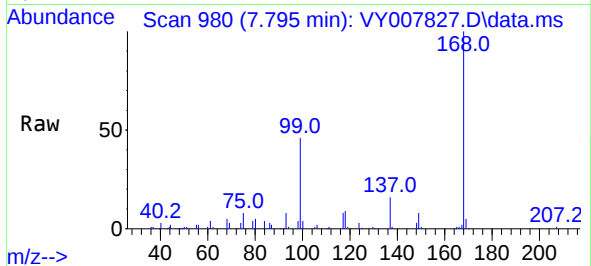




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

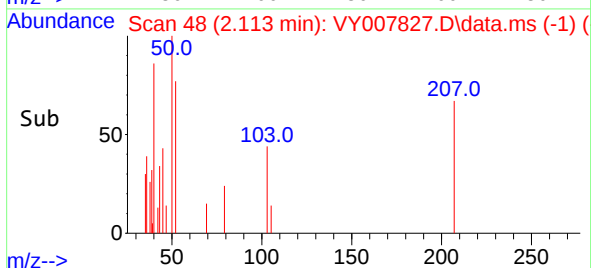
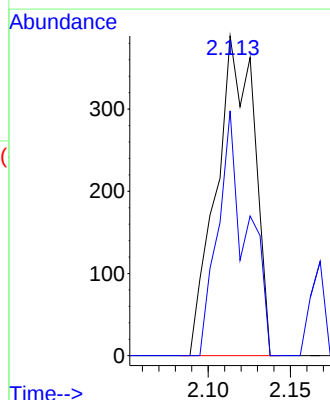
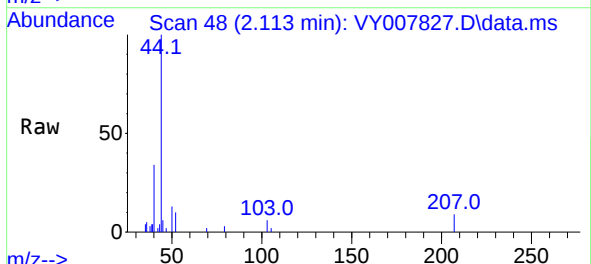
Instrument :
MSVOA_Y
ClientSampleId :
DUM-28RE

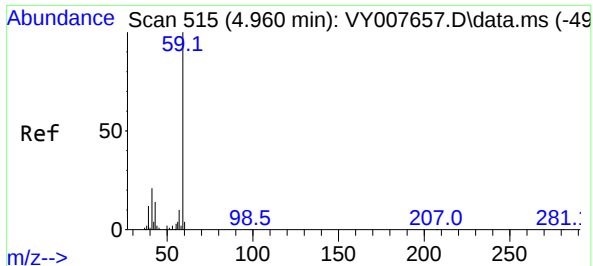
Tgt Ion:168 Resp: 48767
Ion Ratio Lower Upper
168 100
99 45.6 46.9 70.3#



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

Tgt Ion: 50 Resp: 625
Ion Ratio Lower Upper
50 100
52 76.6 24.6 37.0#

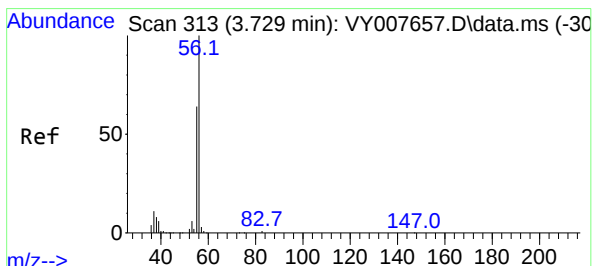
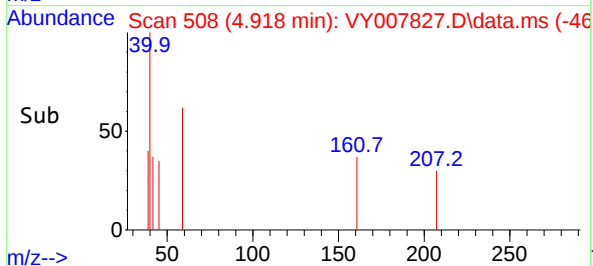
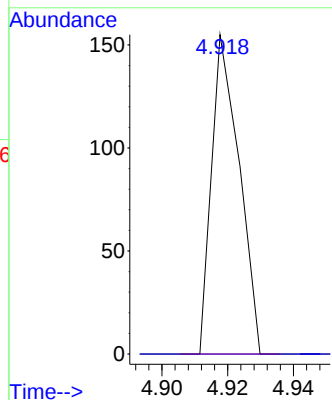
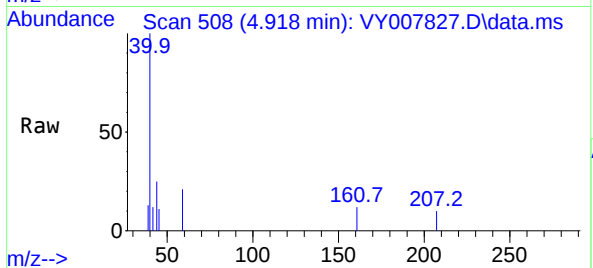




#11
Tert butyl alcohol
Concen: 2.036 ug/l
RT: 4.918 min Scan# 50
Delta R.T. -0.042 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

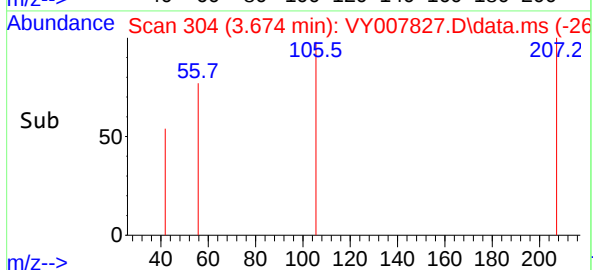
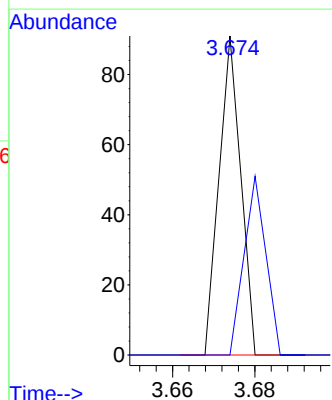
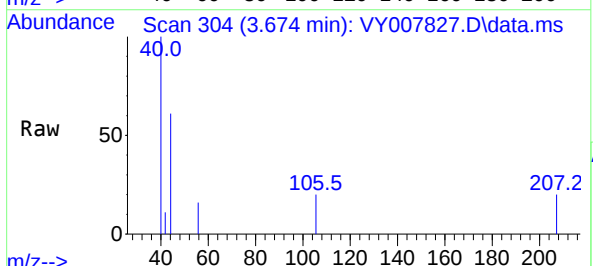
Instrument :
MSVOA_Y
ClientSampleId :
DUM-28RE

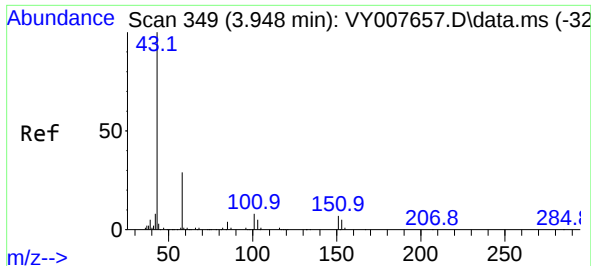
Tgt Ion: 59 Resp: 90
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#13
Acrolein
Concen: Below Cal
RT: 3.674 min Scan# 304
Delta R.T. -0.055 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 57.6 57.6 86.4#

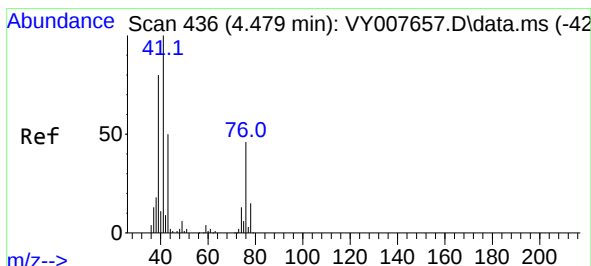
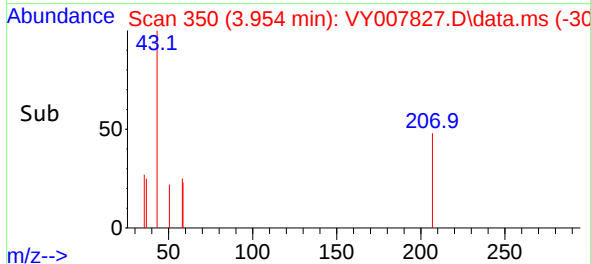
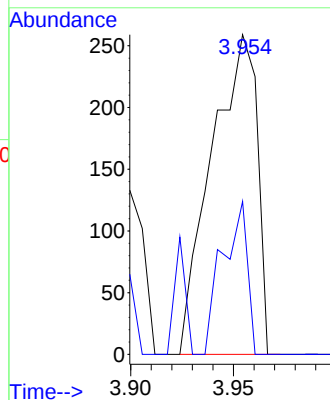
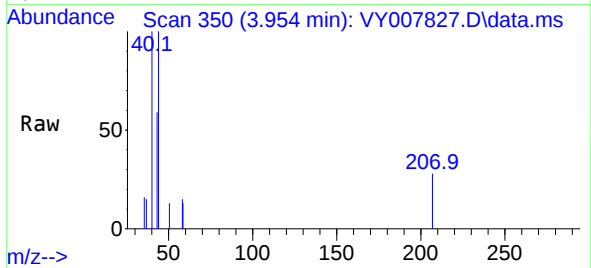




#16
Acetone
Concen: 3.842 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

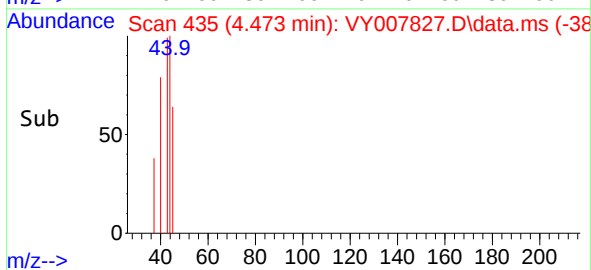
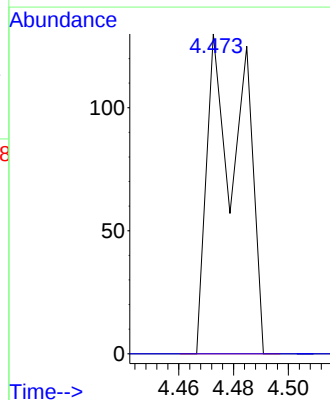
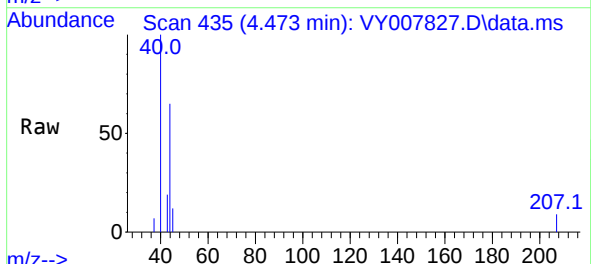
Instrument :
MSVOA_Y
ClientSampleId :
DUM-28RE

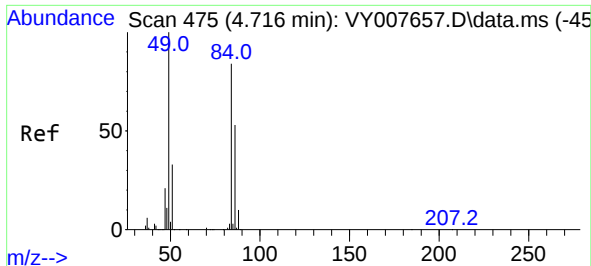
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
58 47.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

Tgt Ion: 43 Resp: 114
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

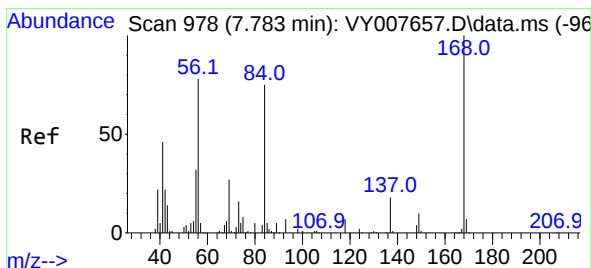
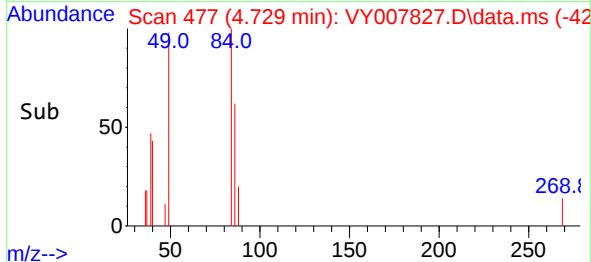
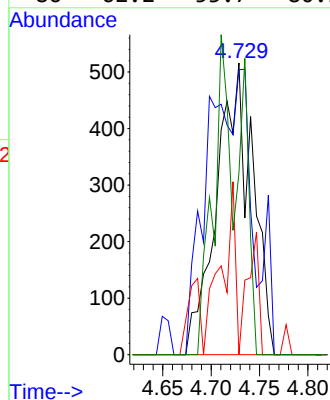
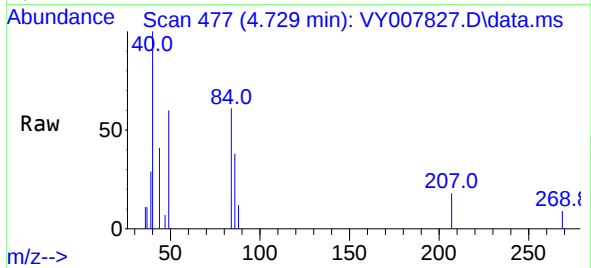




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

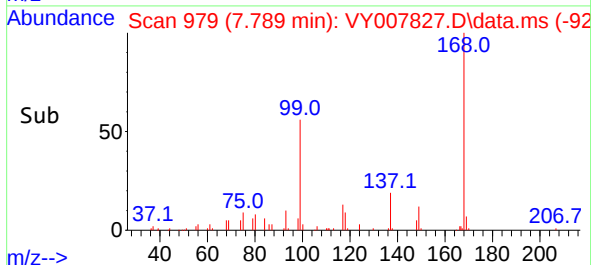
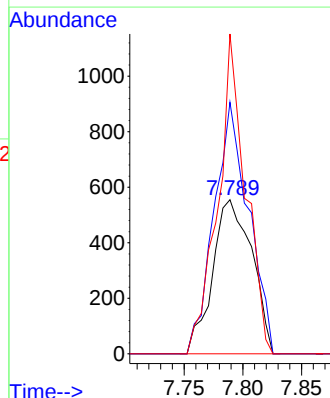
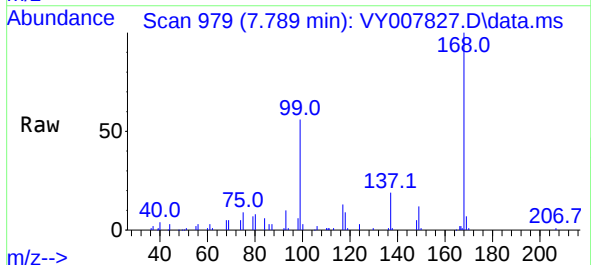
Instrument :
MSVOA_Y
ClientSampleId :
DUM-28RE

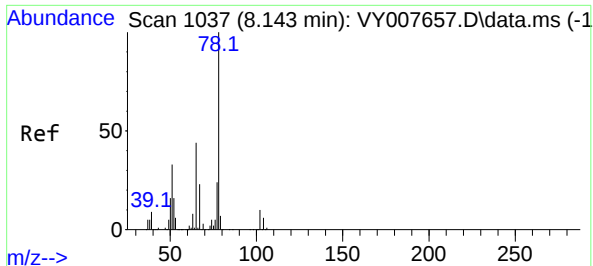
Tgt Ion:	84	Resp:	1327
Ion	Ratio	Lower	Upper
84	100		
49	97.7	114.4	171.6#
51	0.0	35.3	52.9#
86	62.2	53.7	80.5



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

Tgt Ion:	56	Resp:	1293
Ion	Ratio	Lower	Upper
56	100		
69	163.2	26.7	40.1#
84	207.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.200 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007827.D

Acq: 10 Mar 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

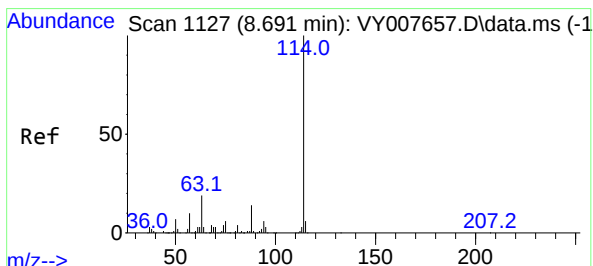
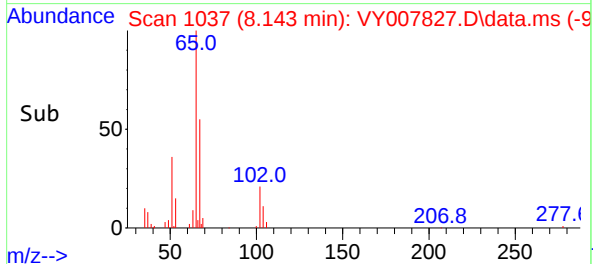
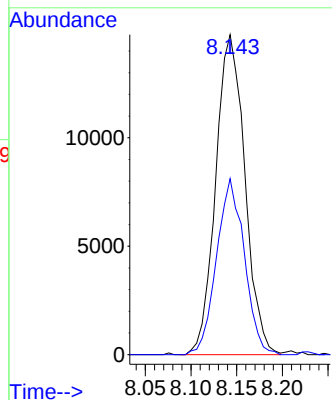
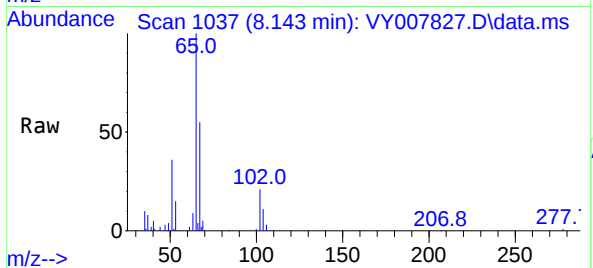
DUM-28RE

Tgt Ion: 65 Resp: 32777

Ion Ratio Lower Upper

65 100

67 52.3 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: VY007827.D

Acq: 10 Mar 2022 15:59

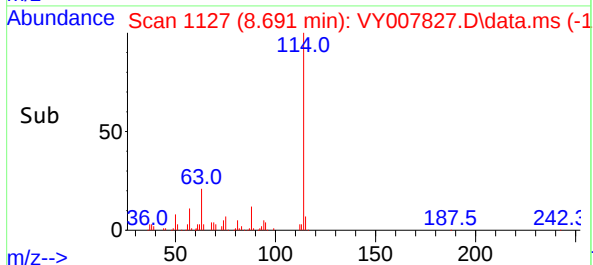
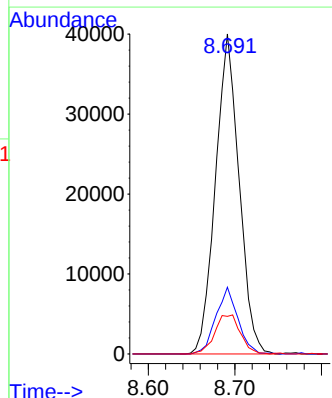
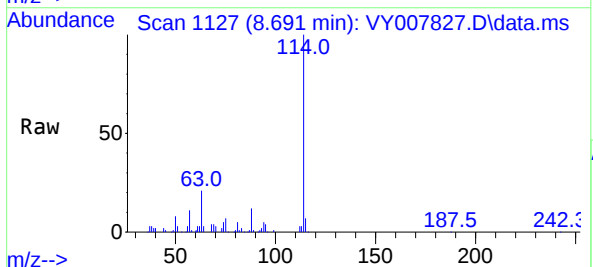
Tgt Ion: 114 Resp: 75678

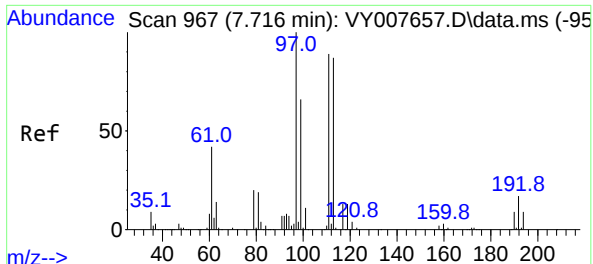
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 11.8 0.0 31.8

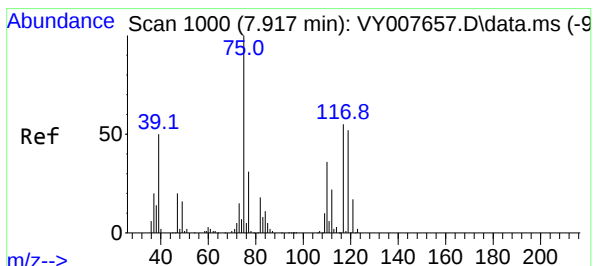
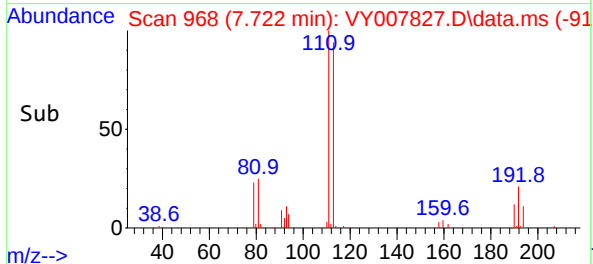
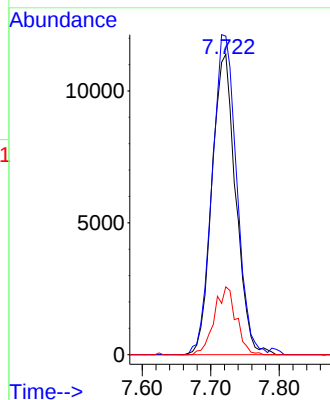
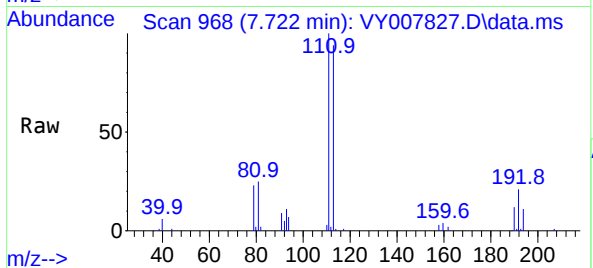




#35
Dibromofluoromethane
Concen: 56.949 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

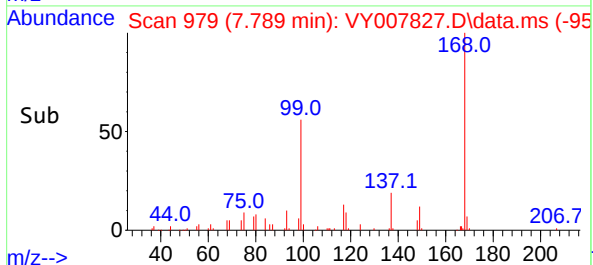
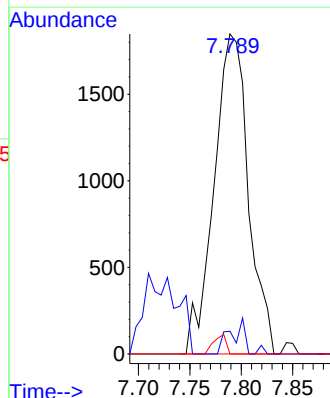
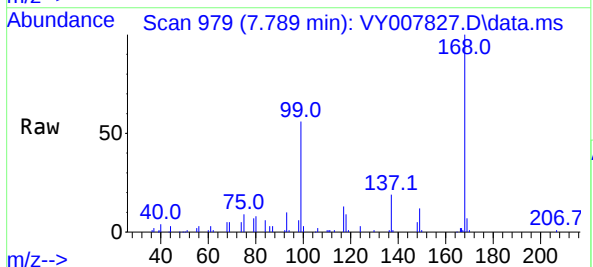
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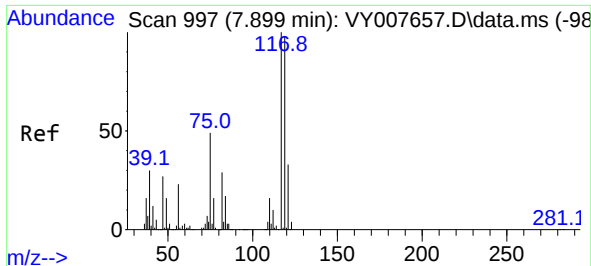
Tgt Ion:113 Resp: 27554
Ion Ratio Lower Upper
113 100
111 109.1 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.640 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

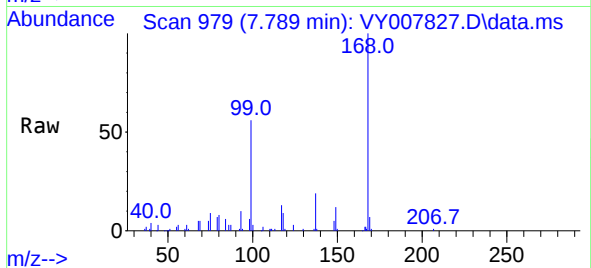
Tgt Ion: 75 Resp: 4293
Ion Ratio Lower Upper
75 100
110 4.5 17.1 51.2#
77 2.2 24.4 36.6#



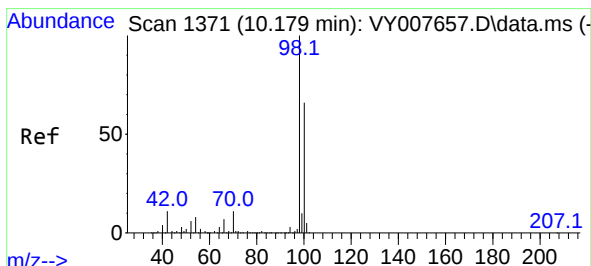
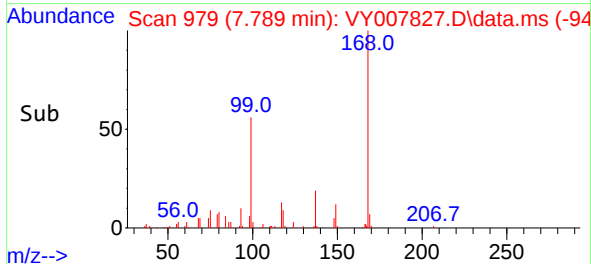
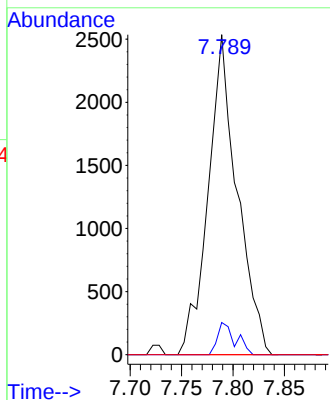


#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
DUM-28RE

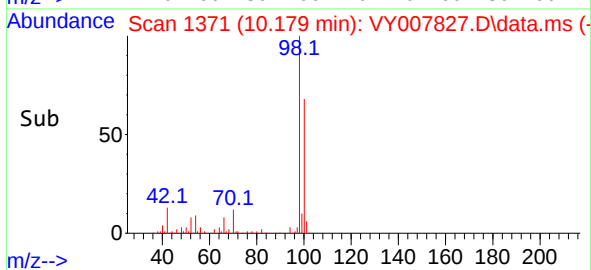
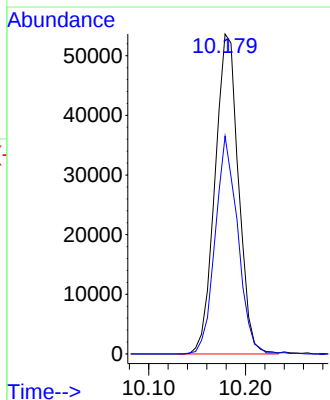
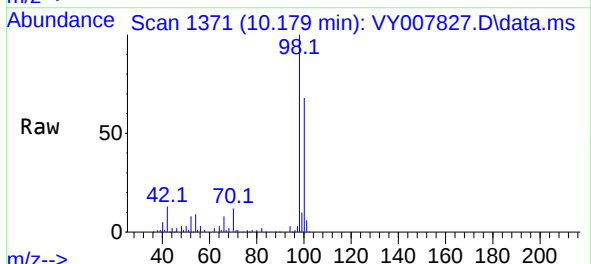


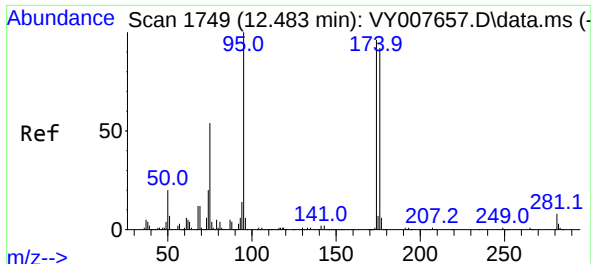
Tgt Ion:117 Resp: 4984
Ion Ratio Lower Upper
117 100
119 10.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.828 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

Tgt Ion: 98 Resp: 90526
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

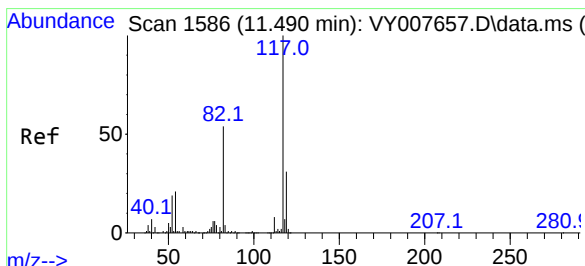
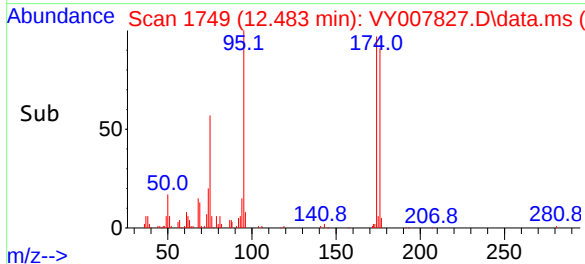
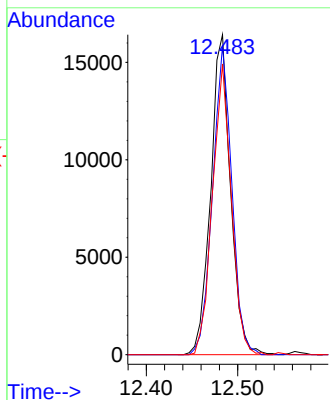
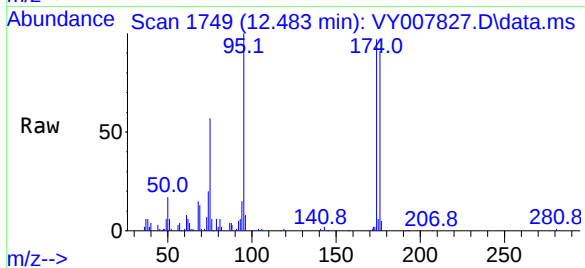




#62
4-Bromofluorobenzene
Concen: 43.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

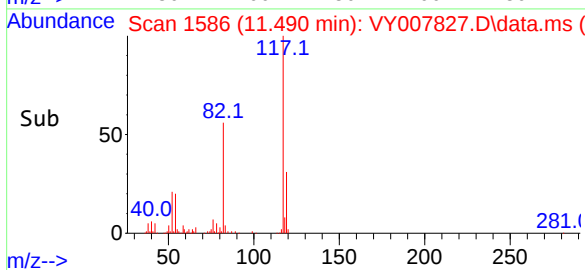
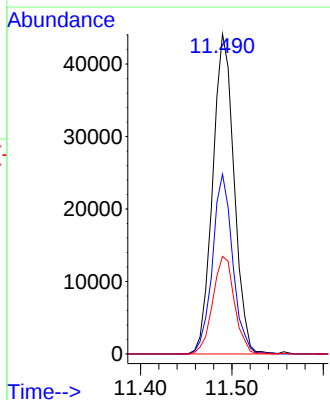
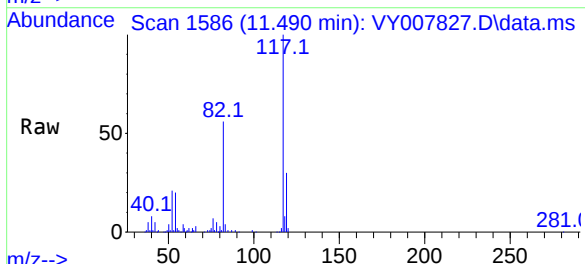
Instrument :
MSVOA_Y
ClientSampleId :
DUM-28RE

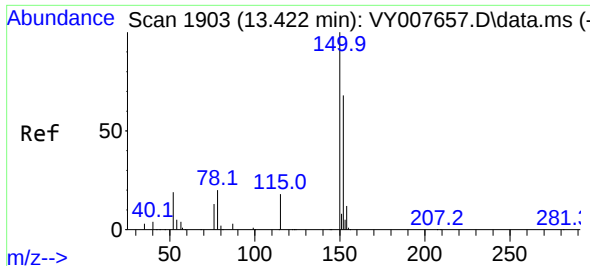
Tgt Ion: 95 Resp: 24791
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 86.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007827.D
Acq: 10 Mar 2022 15:59

Tgt Ion: 117 Resp: 71733
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 30.5 25.4 38.0



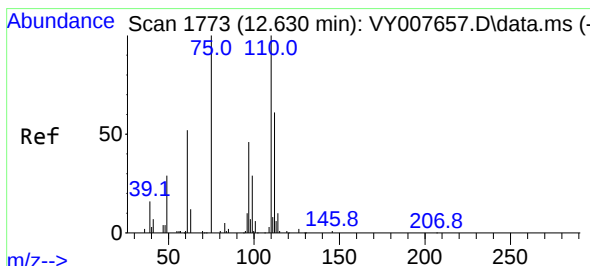
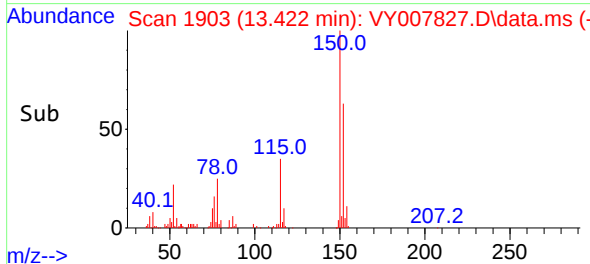
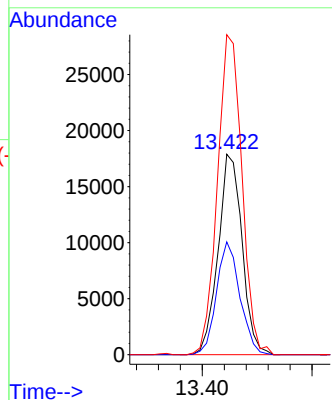
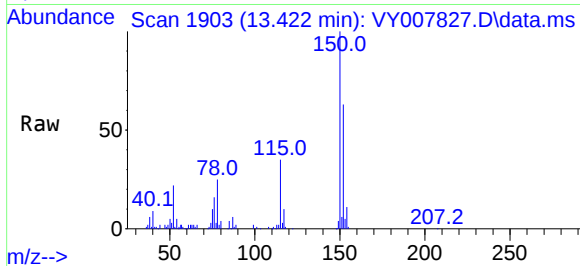


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007827.D
 Acq: 10 Mar 2022 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-28RE

Tgt Ion:152 Resp: 27163

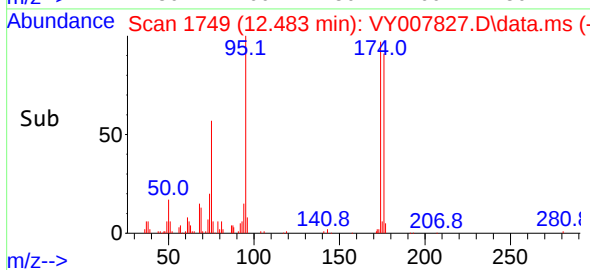
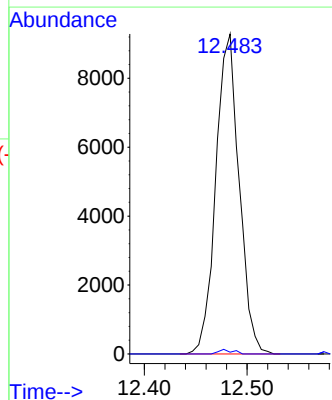
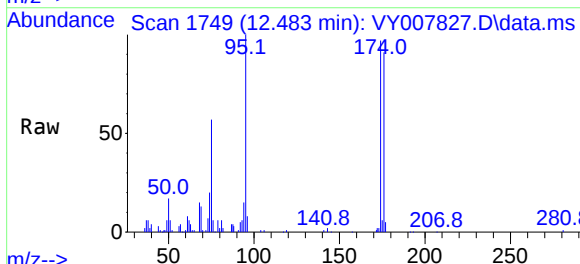
Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.2	84.7
150	163.4	0.0	347.6

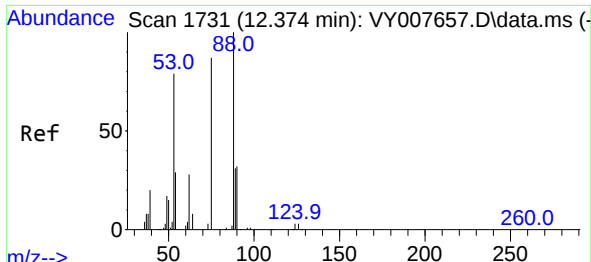


#76
 1,2,3-Trichloropropane
 Concen: 48.130 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007827.D
 Acq: 10 Mar 2022 15:59

Tgt Ion: 75 Resp: 14600

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.395 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007827.D
 Acq: 10 Mar 2022 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-28RE

Tgt Ion: 75 Resp: 14600
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

