

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007797.D
 Acq On : 08 Mar 2022 21:56
 Operator : SY/MD
 Sample : N1763-12
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:30:51 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

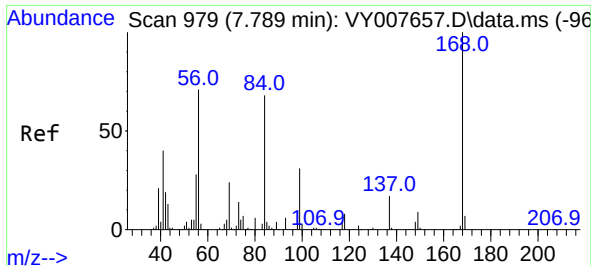
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	221613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	366622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	134278	57.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.760%	
35) Dibromofluoromethane	7.716	113	127670	54.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.940%	
50) Toluene-d8	10.179	98	444661	51.536	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.483	95	128199	46.094	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.180%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	20	Below Cal	#	43
3) Chloromethane	2.113	50	1124	Below Cal	#	75
13) Acrolein	3.747	56	57	Below Cal	#	14
16) Acetone	3.942	43	1782	3.776	ug/l	94
18) Methyl Acetate	4.473	43	52	Below Cal	#	56
20) Methylene Chloride	4.716	84	6399	Below Cal	#	84
31) Cyclohexane	7.789	56	4663	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	17230	4.673	ug/l #	52
38) Carbon Tetrachloride	7.795	117	21087	5.361	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	73475	44.485	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73475	90.943	ug/l #	7

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

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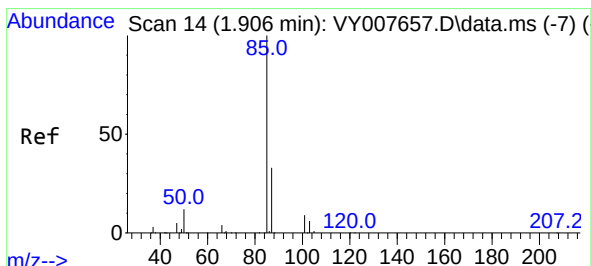
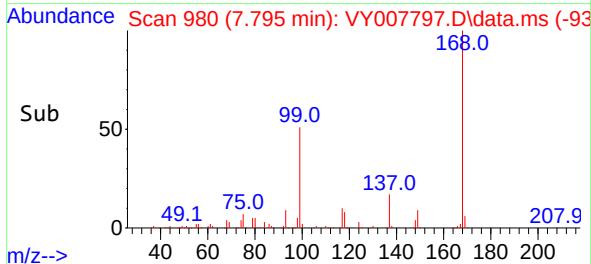
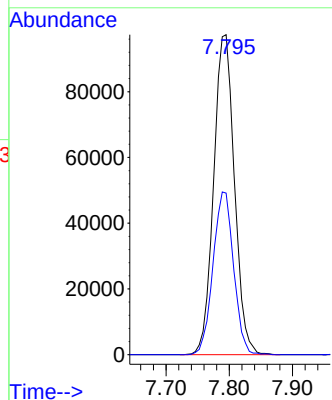
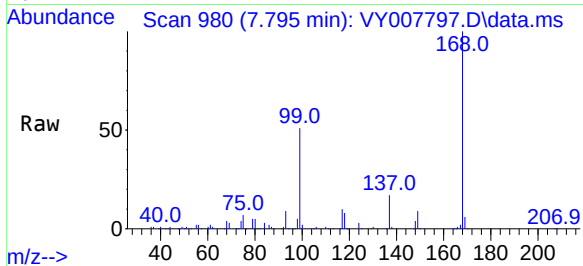




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

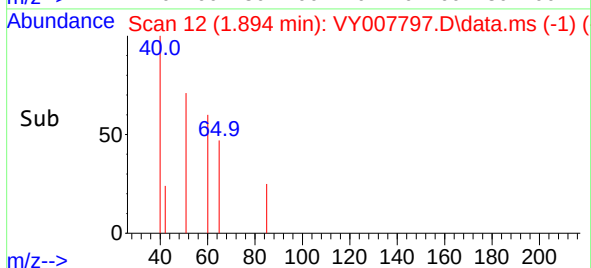
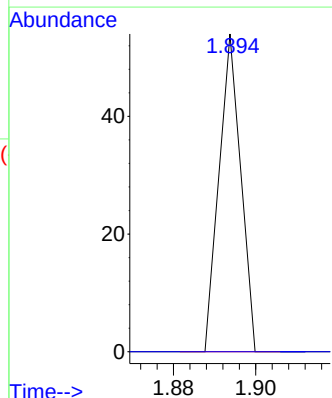
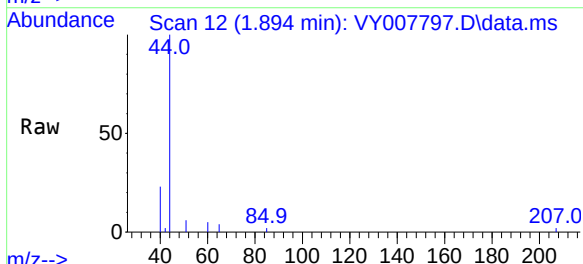
Instrument :
MSVOA_Y
ClientSampleId :

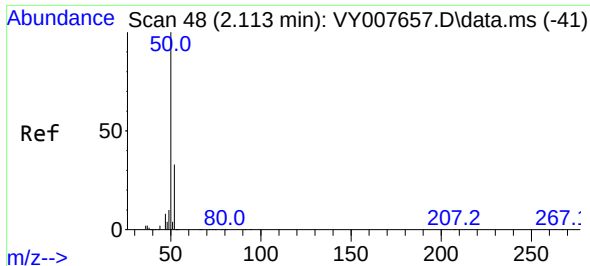
Tgt Ion:168 Resp: 221613
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

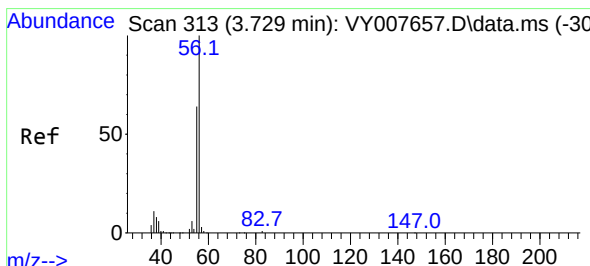
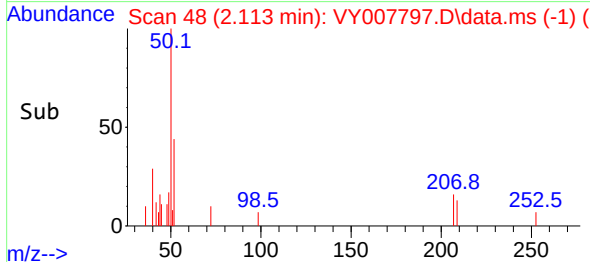
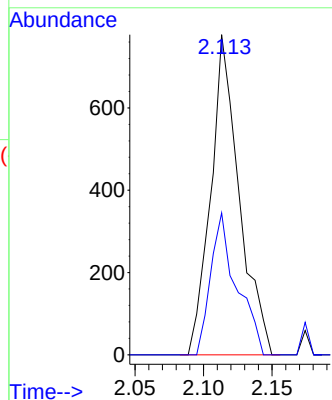
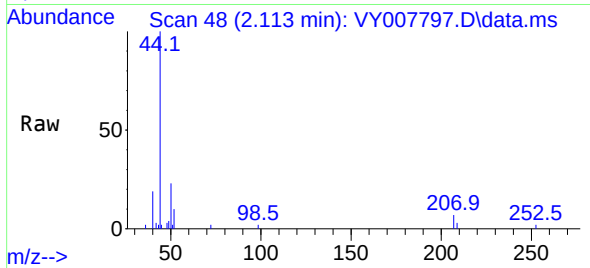




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

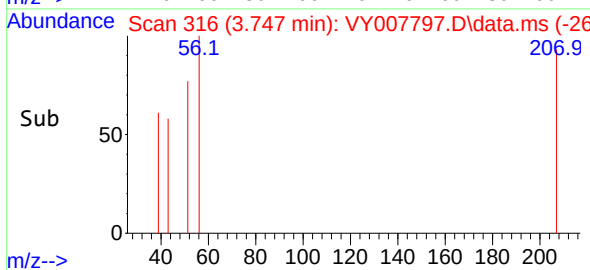
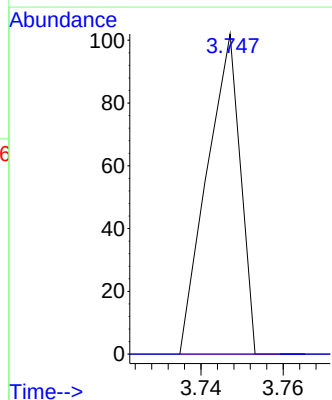
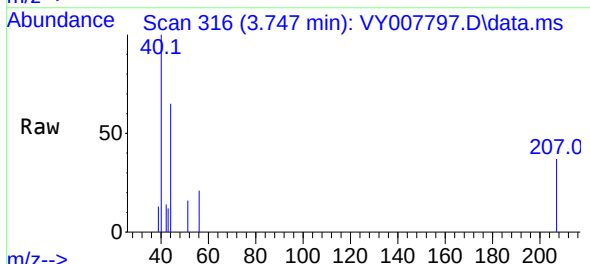
Instrument :
MSVOA_Y
ClientSampleId :

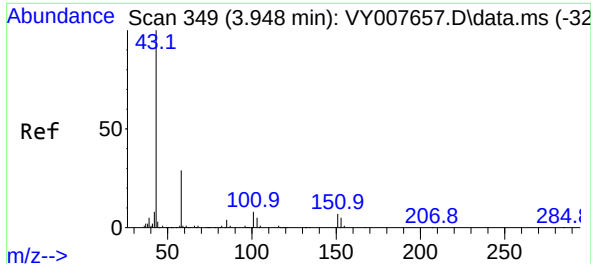
Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 44.3 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.018 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#





#16

Acetone

Concen: 3.776 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007797.D

Acq: 08 Mar 2022 21:56

Instrument :

MSVOA_Y

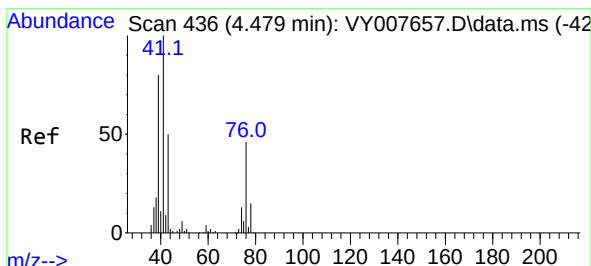
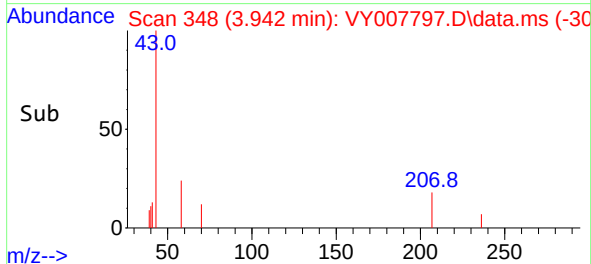
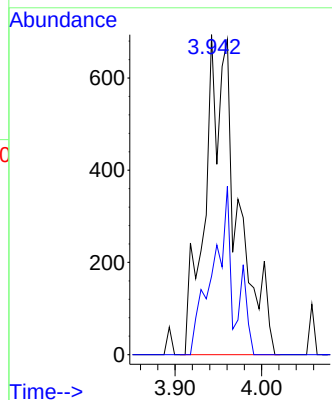
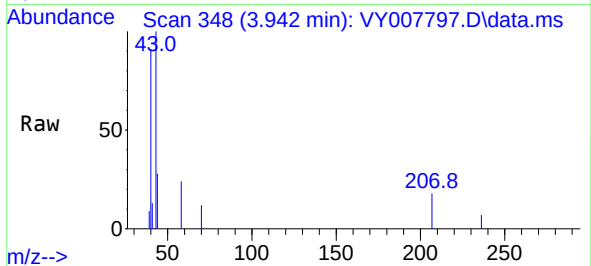
ClientSampleId :

Tgt Ion: 43 Resp: 1782

Ion Ratio Lower Upper

43 100

58 24.5 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY007797.D

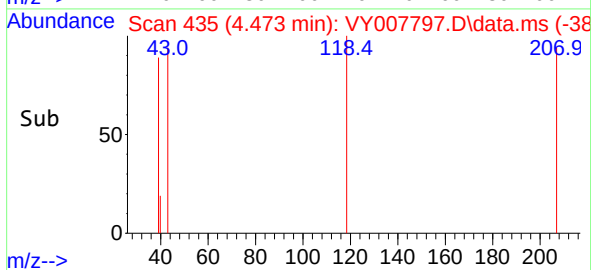
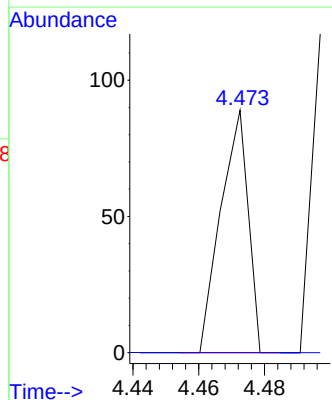
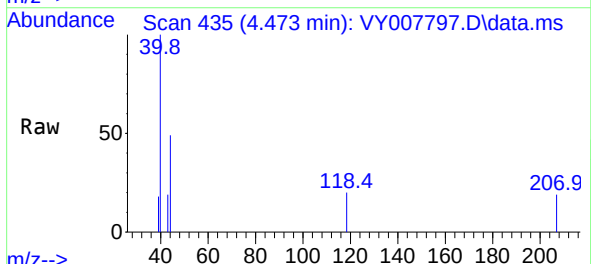
Acq: 08 Mar 2022 21:56

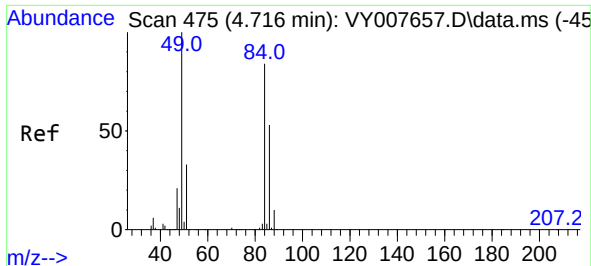
Tgt Ion: 43 Resp: 52

Ion Ratio Lower Upper

43 100

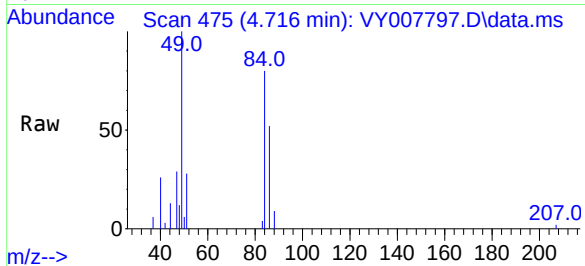
74 0.0 16.6 24.8#





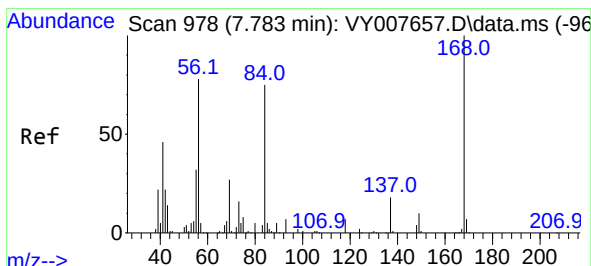
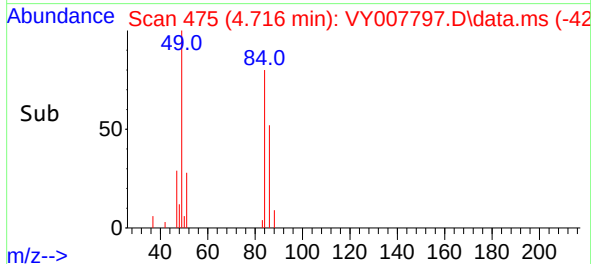
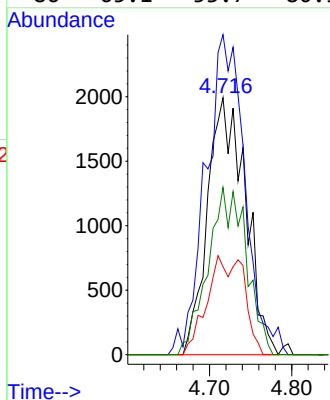
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6399

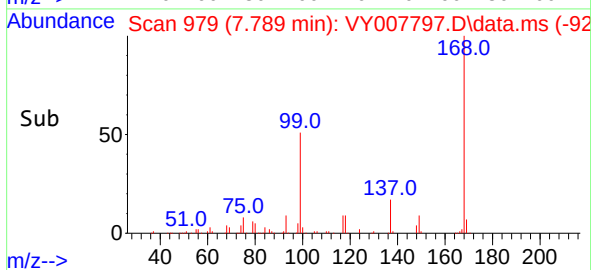
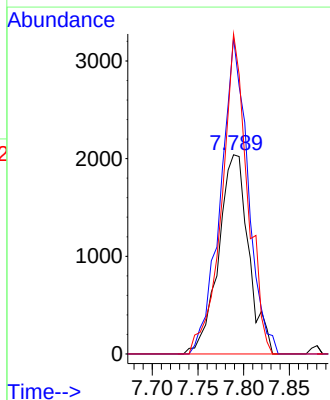
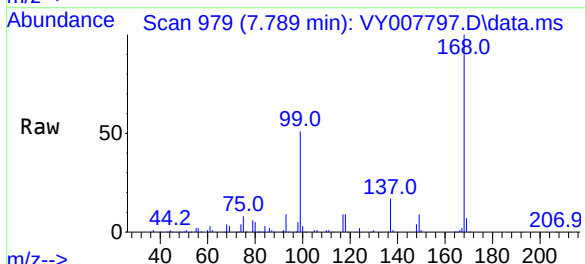
Ion	Ratio	Lower	Upper
84	100		
49	114.5	114.4	171.6
51	34.3	35.3	52.9#
86	65.1	53.7	80.5

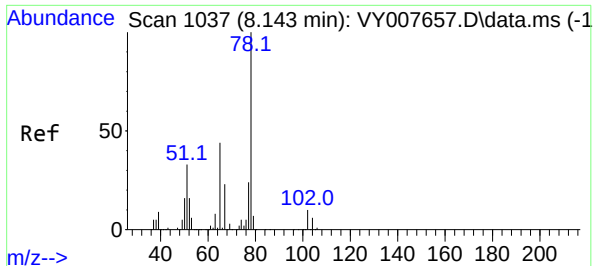


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

Tgt Ion: 56 Resp: 4663

Ion	Ratio	Lower	Upper
56	100		
69	158.7	26.7	40.1#
84	160.6	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.876 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007797.D

Acq: 08 Mar 2022 21:56

Instrument :

MSVOA_Y

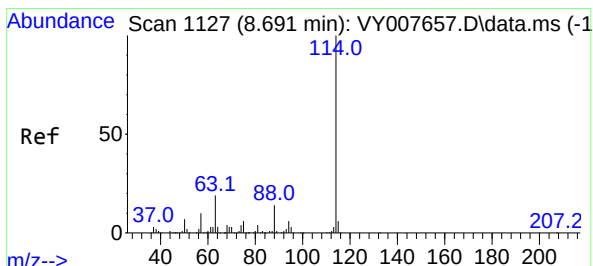
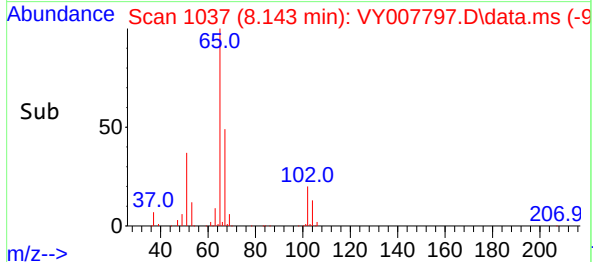
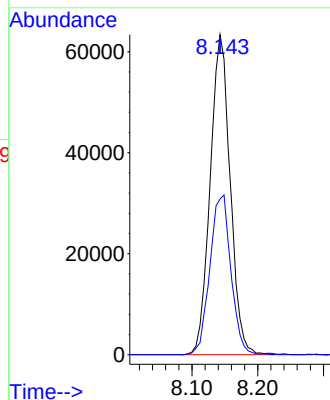
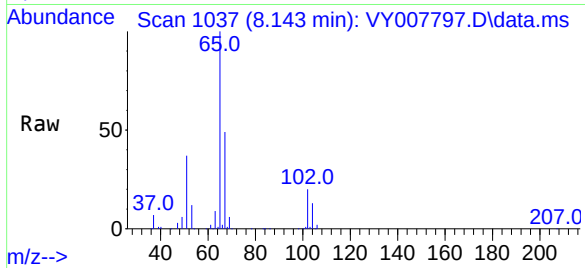
ClientSampleId :

Tgt Ion: 65 Resp: 134278

Ion Ratio Lower Upper

65 100

67 52.4 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: VY007797.D

Acq: 08 Mar 2022 21:56

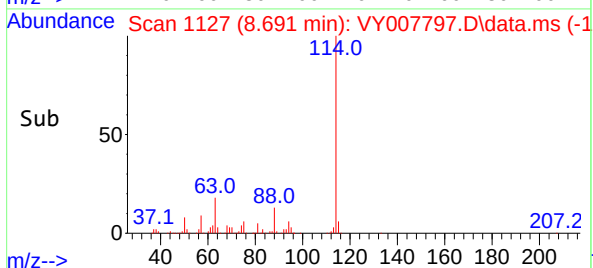
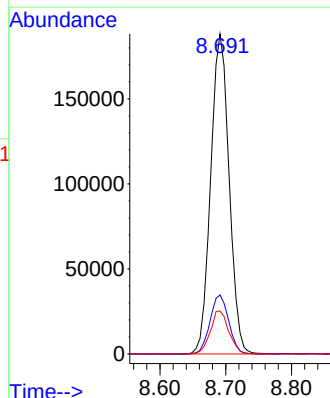
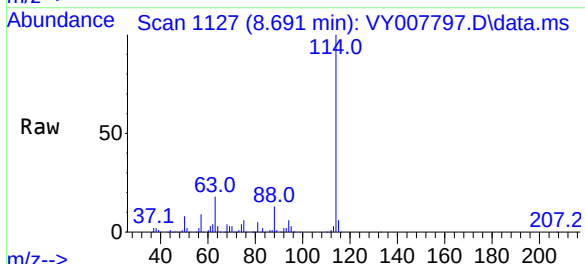
Tgt Ion:114 Resp: 366622

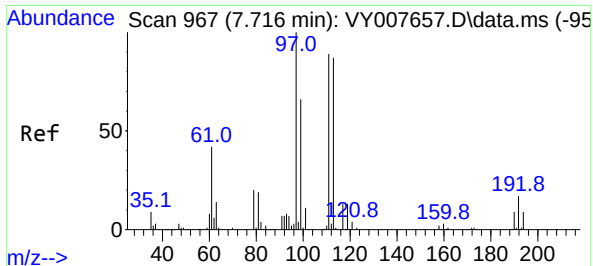
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

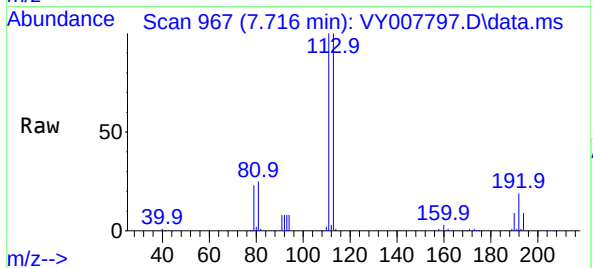
88 13.5 0.0 31.8



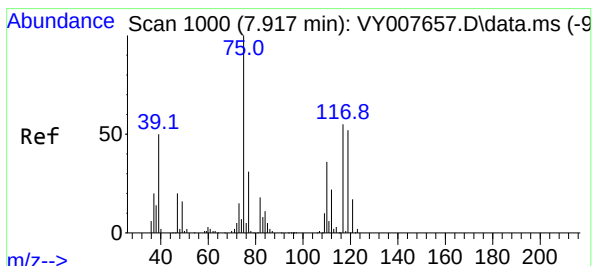
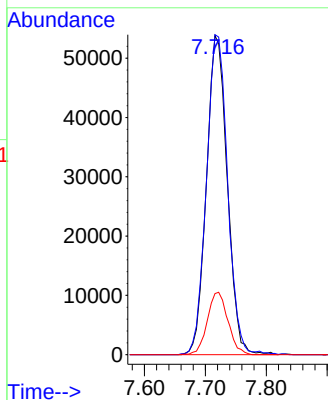
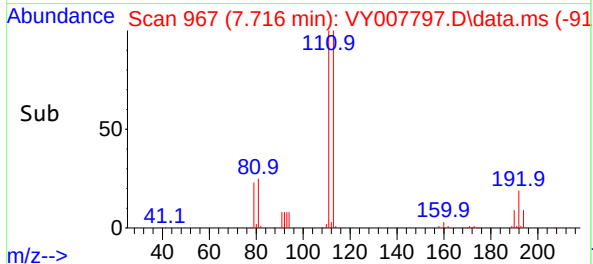


#35
Dibromofluoromethane
Concen: 54.468 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

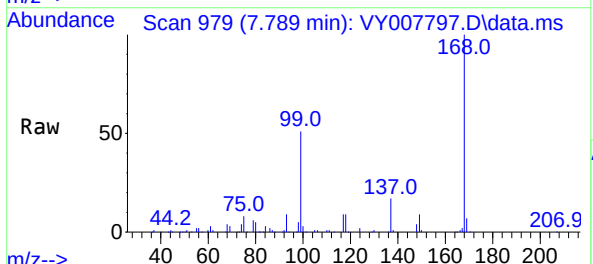
Instrument :
MSVOA_Y
ClientSampleId :



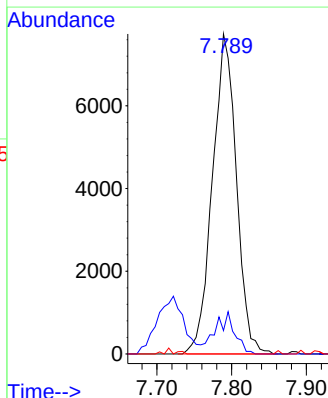
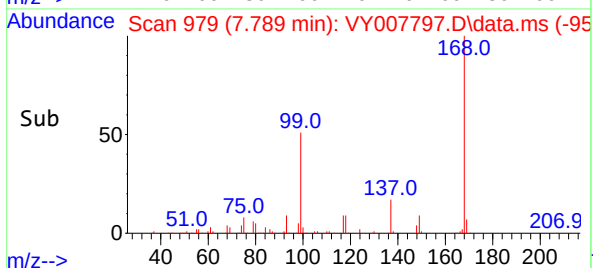
Tgt Ion:113 Resp: 127670
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.4 17.6 26.4

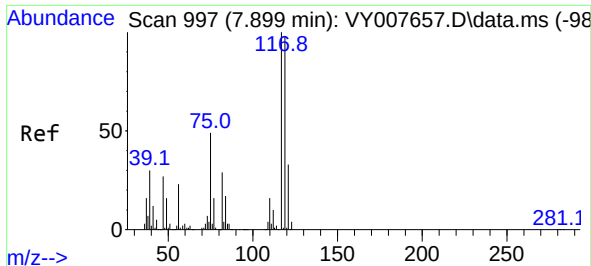


#36
1,1-Dichloropropene
Concen: 4.673 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56



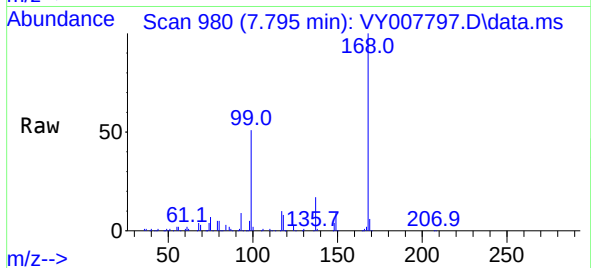
Tgt Ion: 75 Resp: 17230
Ion Ratio Lower Upper
75 100
110 10.7 17.1 51.2#
77 0.0 24.4 36.6#



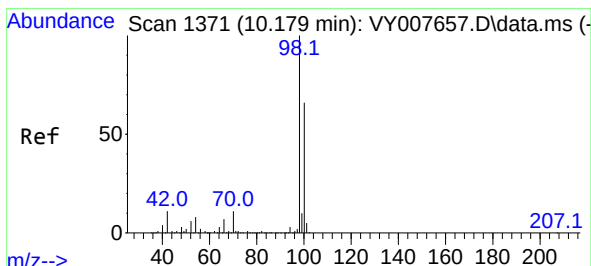
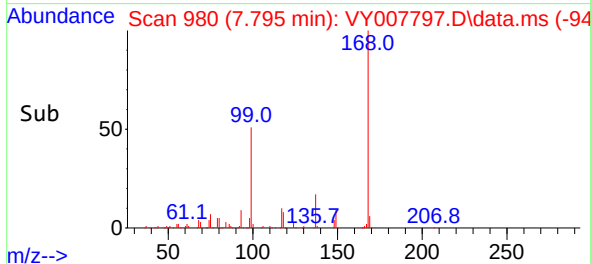
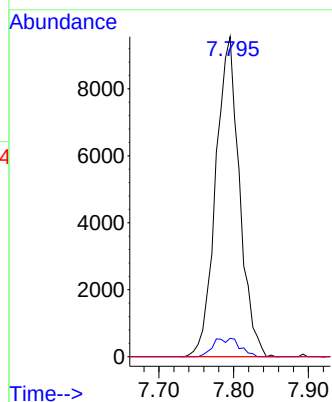


#38
Carbon Tetrachloride
Concen: 5.361 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

Instrument :
MSVOA_Y
ClientSampleId :

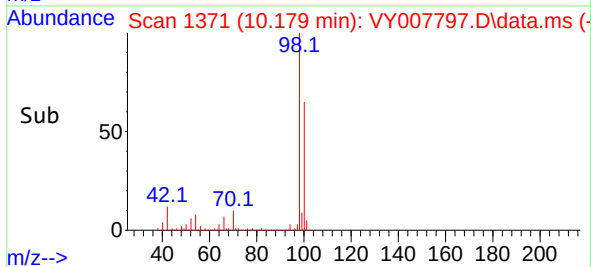
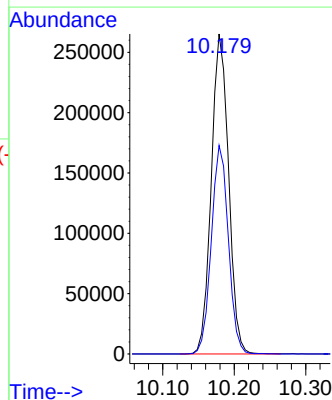
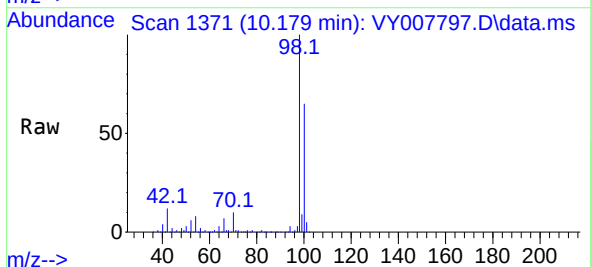


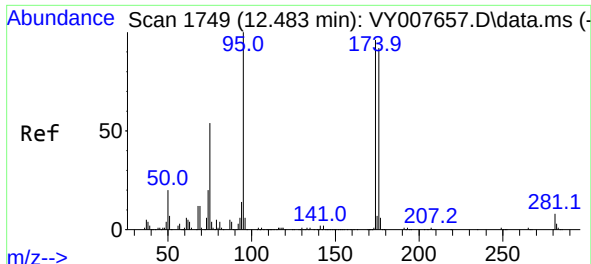
Tgt Ion:117 Resp: 21087
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.536 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

Tgt Ion: 98 Resp: 444661
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

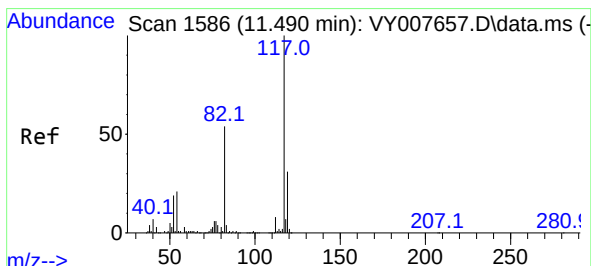
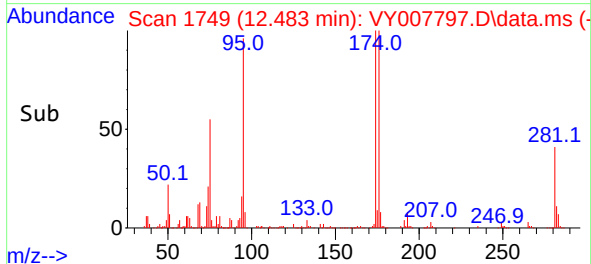
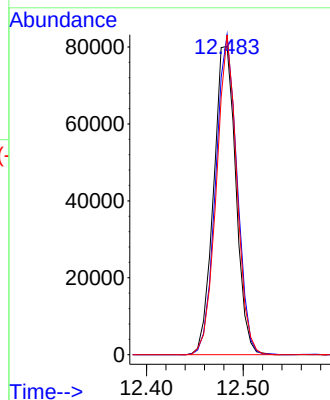
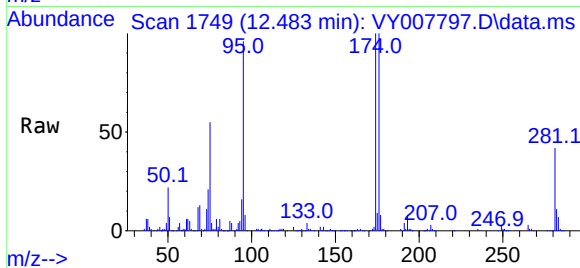




#62
4-Bromofluorobenzene
Concen: 46.094 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

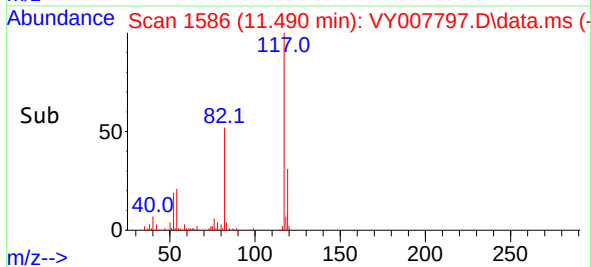
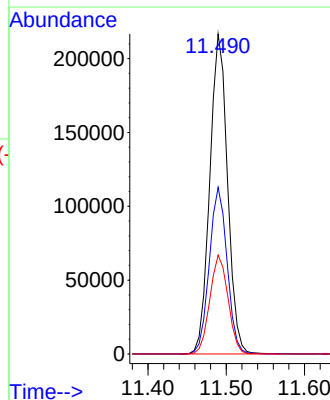
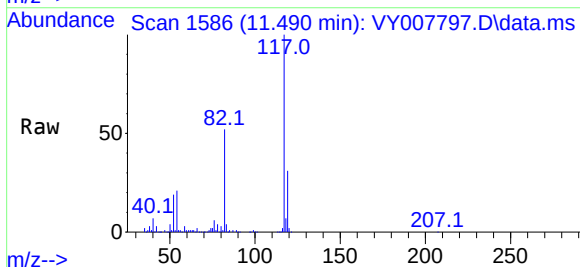
Instrument :
MSVOA_Y
ClientSampleId :

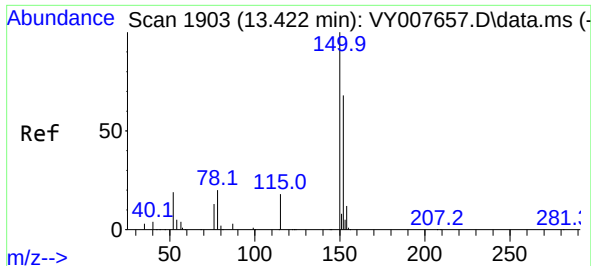
Tgt Ion: 95 Resp: 128199
Ion Ratio Lower Upper
95 100
174 99.3 0.0 177.0
176 94.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

Tgt Ion: 117 Resp: 340444
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 30.9 25.4 38.0



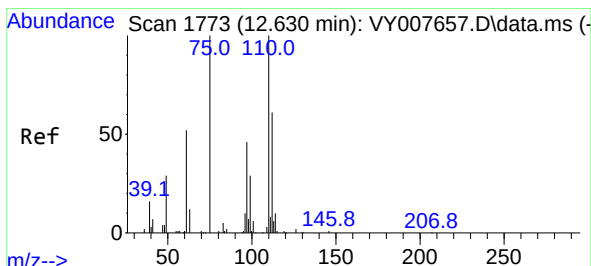
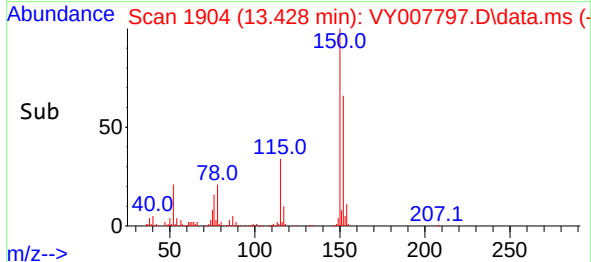
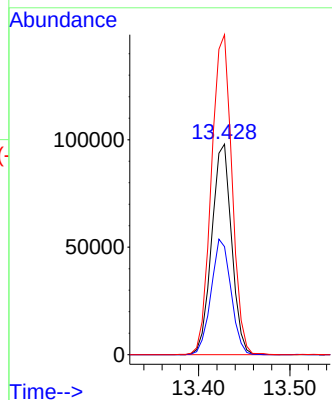
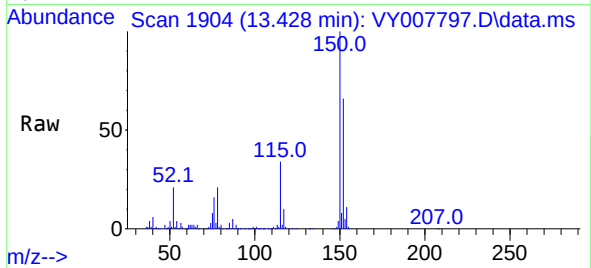


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007797.D
 Acq: 08 Mar 2022 21:56

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 147900

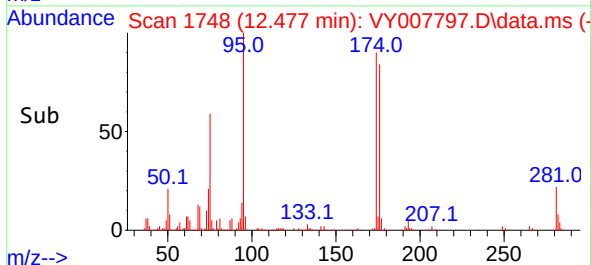
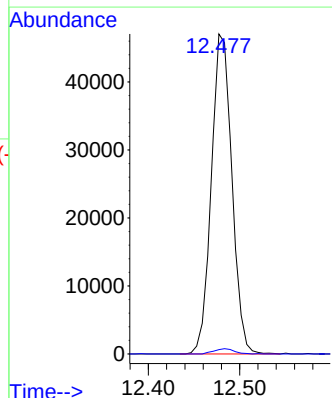
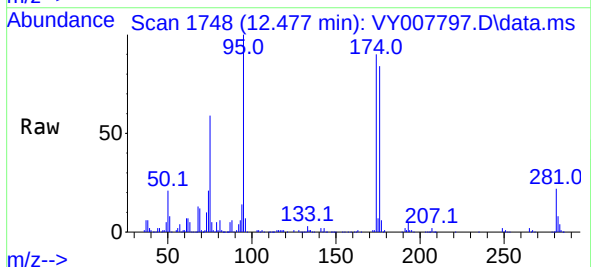
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	157.0	0.0	347.6

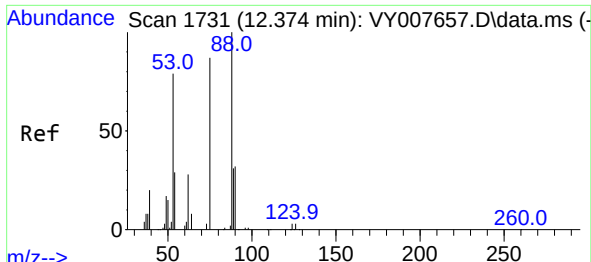


#76
 1,2,3-Trichloropropane
 Concen: 44.485 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007797.D
 Acq: 08 Mar 2022 21:56

Tgt Ion: 75 Resp: 73475

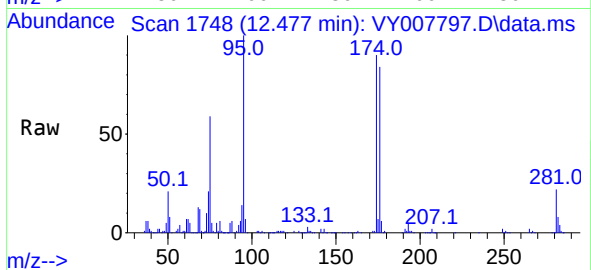
Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.943 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007797.D
Acq: 08 Mar 2022 21:56

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 73475
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

