

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007792.D
 Acq On : 08 Mar 2022 19:58
 Operator : SY/MD
 Sample : N1763-06
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:29:49 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

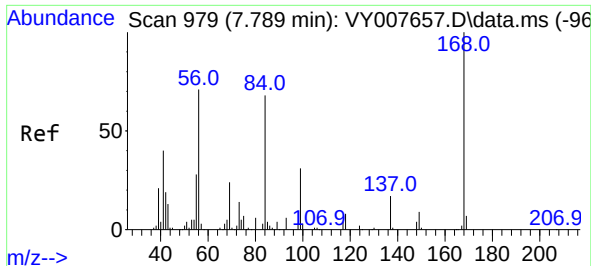
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	254740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	407856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	349108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	130136	48.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.600%
35) Dibromofluoromethane	7.716	113	134530	51.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.180%
50) Toluene-d8	10.179	98	484689	50.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.000%
62) 4-Bromofluorobenzene	12.483	95	132495	42.823	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.640%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	44	Below Cal	#	43
3) Chloromethane	2.113	50	1324	Below Cal		92
13) Acrolein	3.735	56	20	Below Cal	#	14
16) Acetone	3.954	43	1223	2.254	ug/l #	47
18) Methyl Acetate	4.558	43	110	Below Cal	#	56
20) Methylene Chloride	4.710	84	3913	Below Cal	#	72
31) Cyclohexane	7.783	56	6003	Below Cal	#	6
36) 1,1-Dichloropropene	7.789	75	20000	4.876	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24692	5.643	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80497	53.492	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80497	109.358	ug/l #	8

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

Quant Time: Mar 09 00:29:49 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

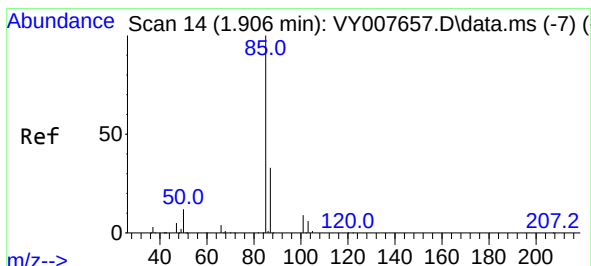
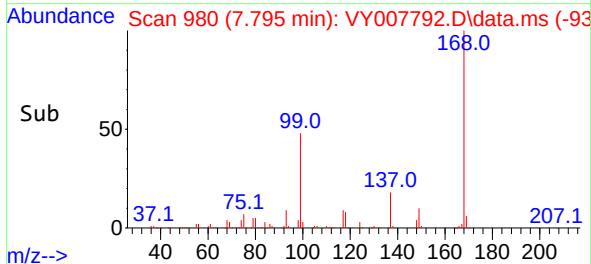
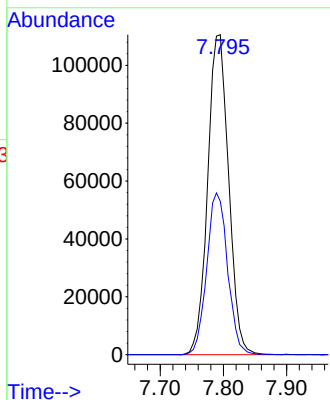
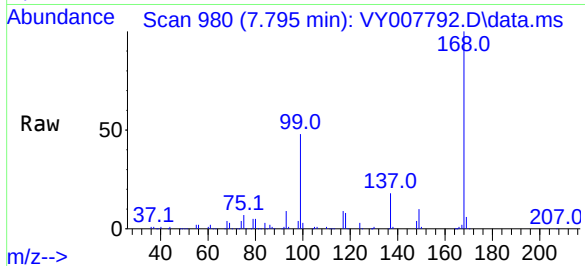




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

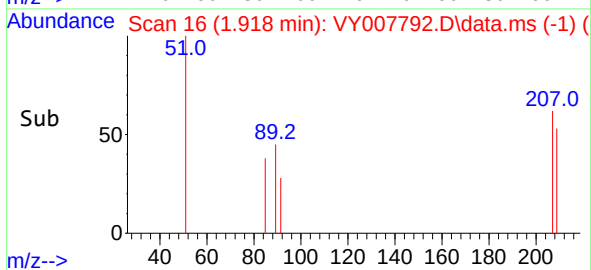
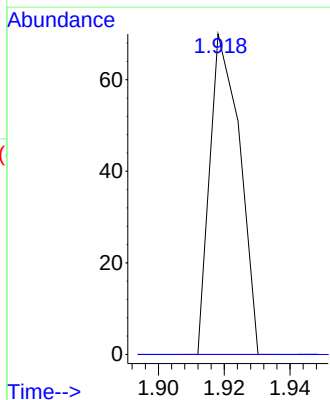
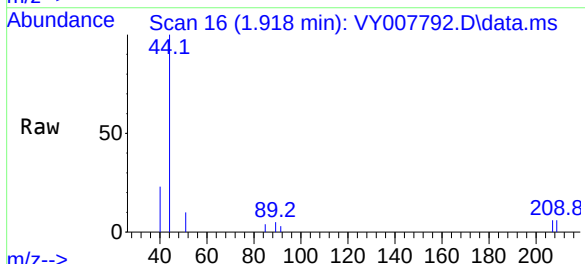
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 254740
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3

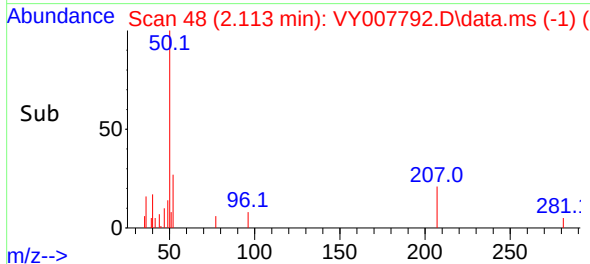
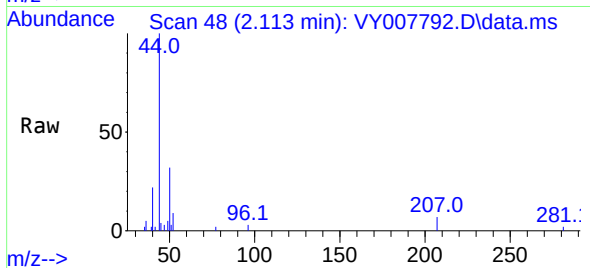
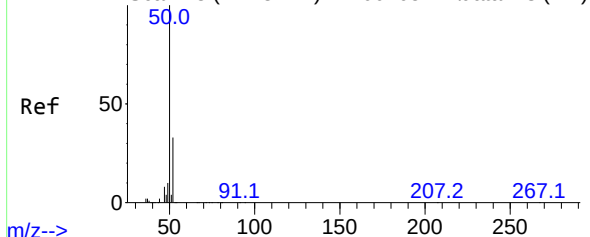


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

Tgt Ion: 85 Resp: 44
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



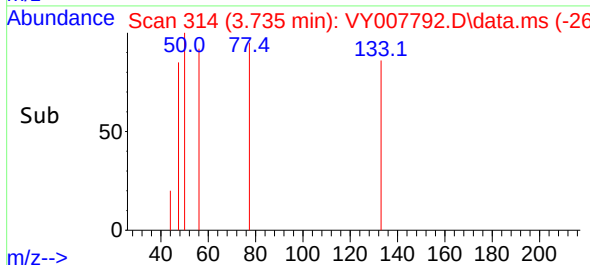
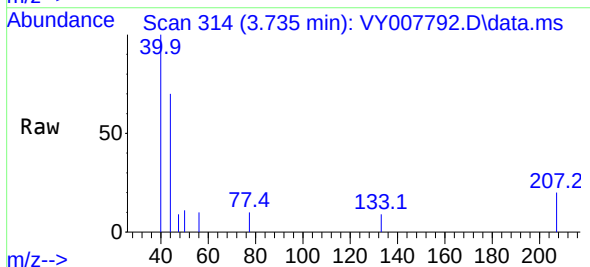
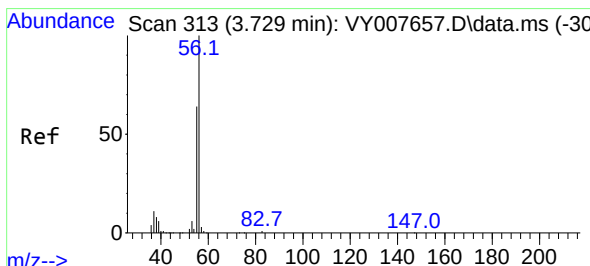
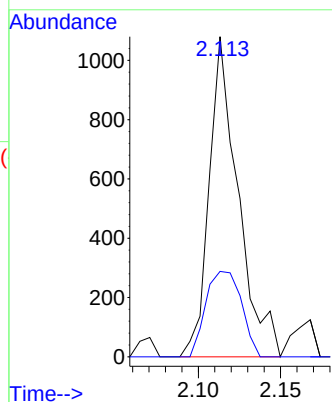
Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

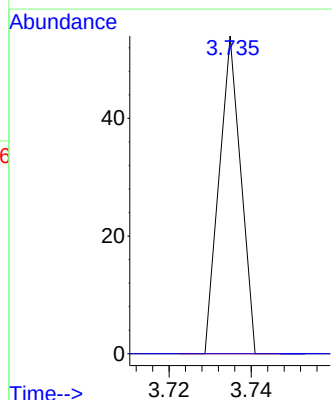
Instrument :
MSVOA_Y
ClientSampleId :

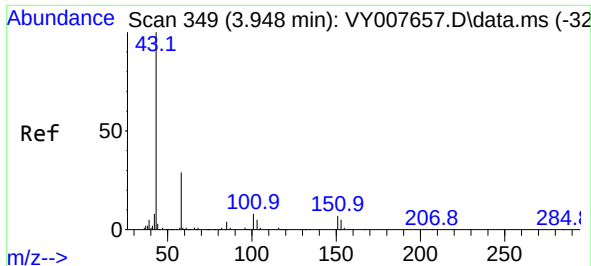
Tgt Ion: 50 Resp: 1324
Ion Ratio Lower Upper
50 100
52 26.7 24.6 37.0



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

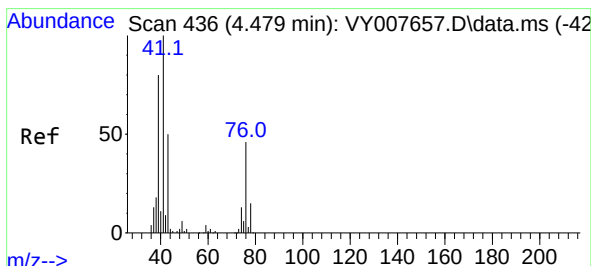
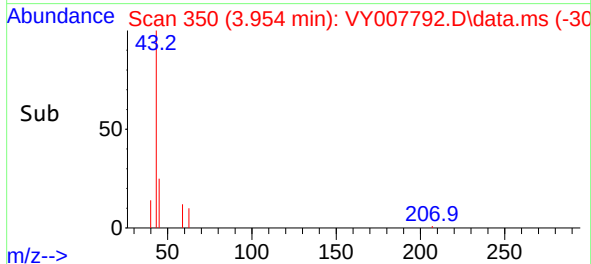
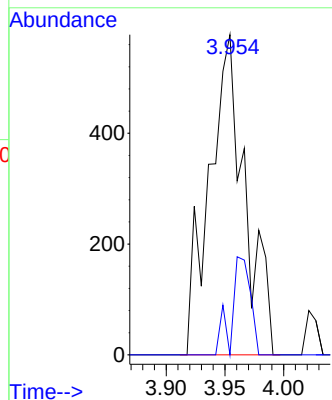
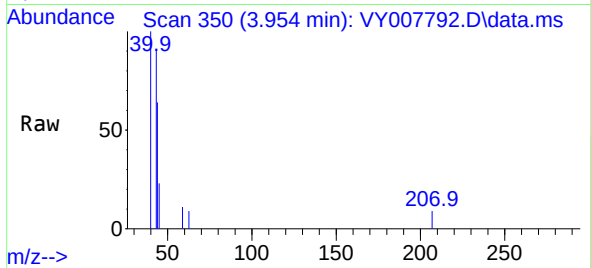




#16
Acetone
Concen: 2.254 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

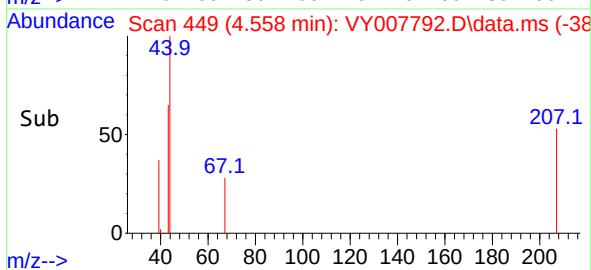
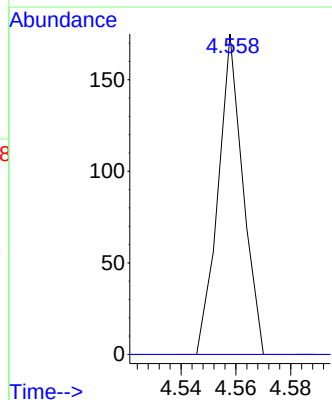
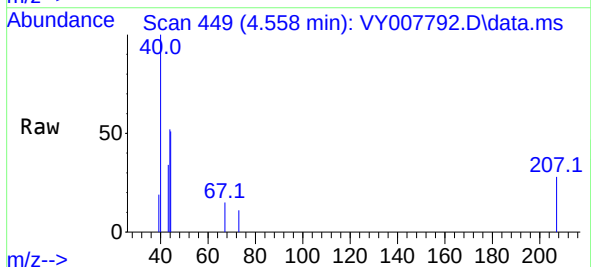
Instrument :
MSVOA_Y
ClientSampleId :

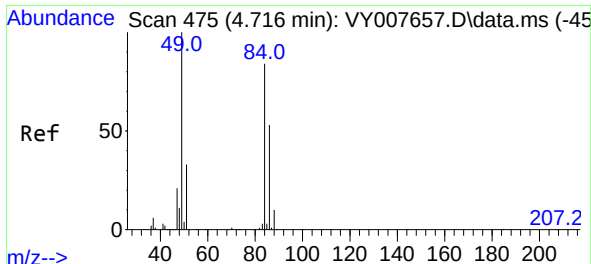
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.558 min Scan# 449
Delta R.T. 0.079 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

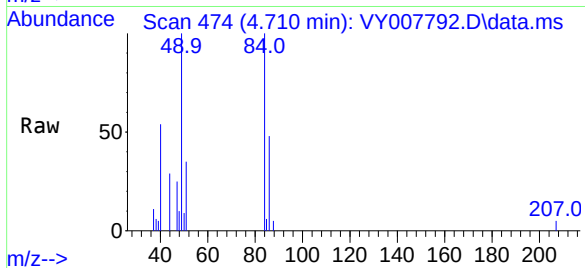
Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





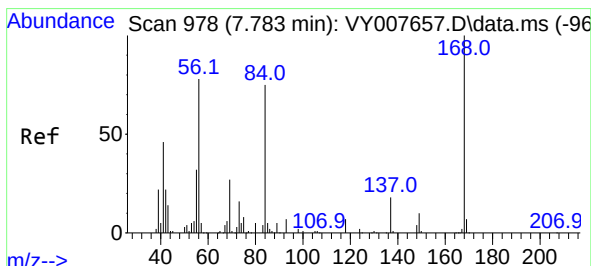
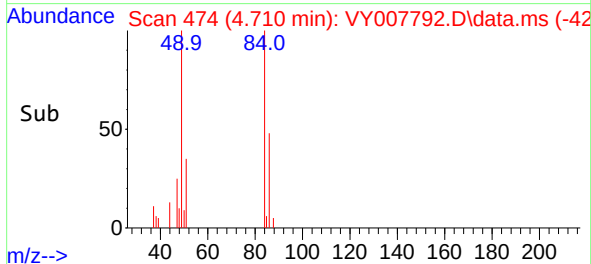
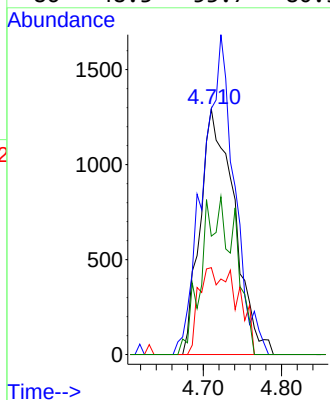
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3913

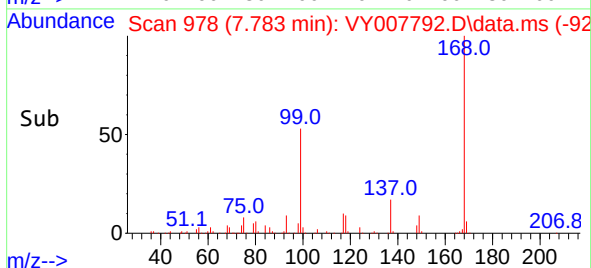
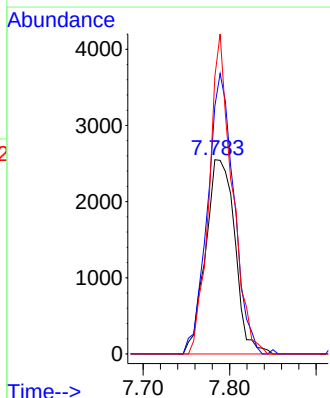
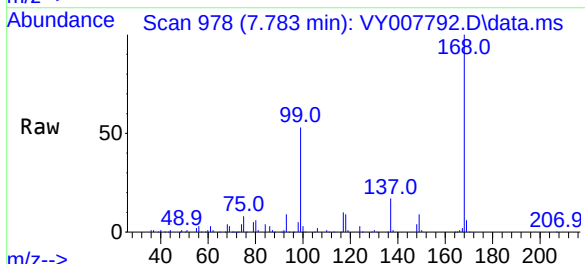
Ion	Ratio	Lower	Upper
84	100		
49	100.3	114.4	171.6#
51	35.4	35.3	52.9
86	48.3	53.7	80.5#

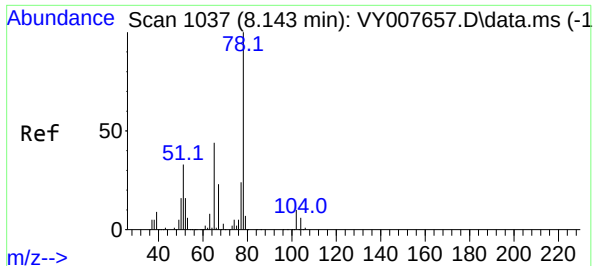


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

Tgt Ion: 56 Resp: 6003

Ion	Ratio	Lower	Upper
56	100		
69	127.6	26.7	40.1#
84	142.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 48.797 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007792.D

Acq: 08 Mar 2022 19:58

Instrument :

MSVOA_Y

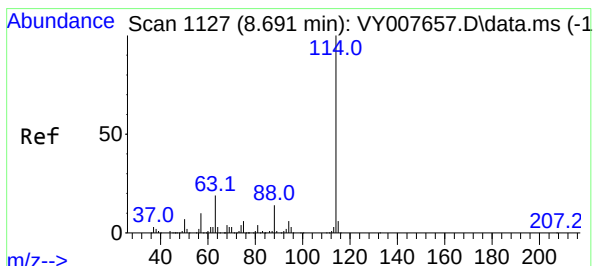
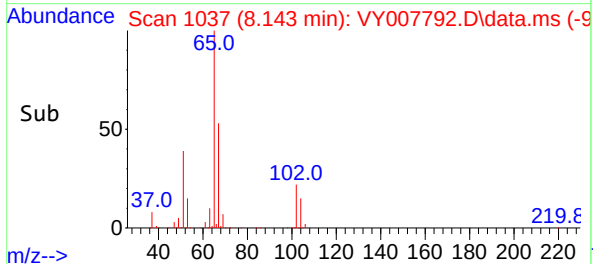
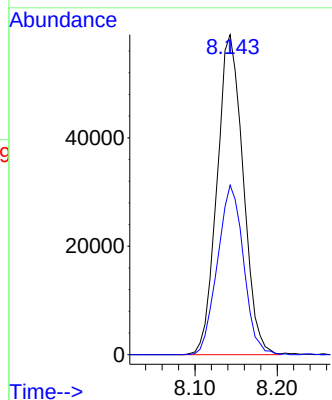
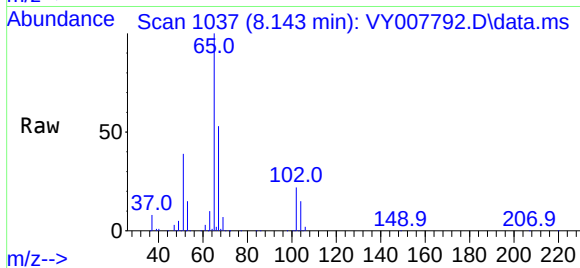
ClientSampleId :

Tgt Ion: 65 Resp: 130136

Ion Ratio Lower Upper

65 100

67 52.9 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: VY007792.D

Acq: 08 Mar 2022 19:58

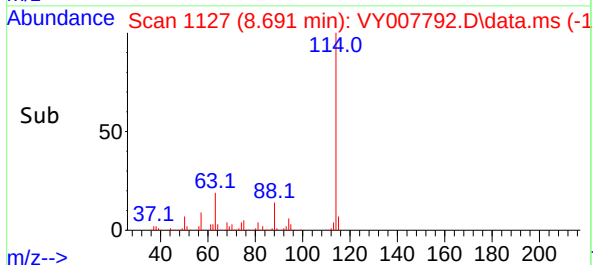
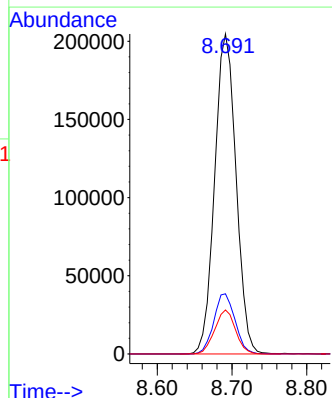
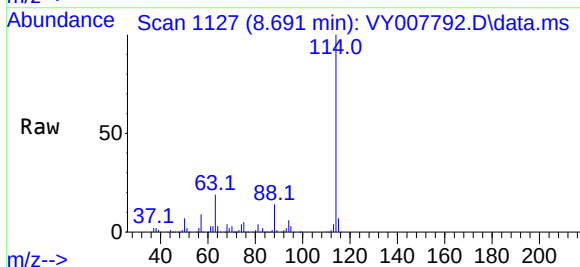
Tgt Ion: 114 Resp: 407856

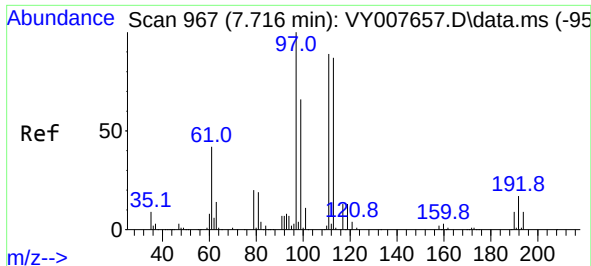
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

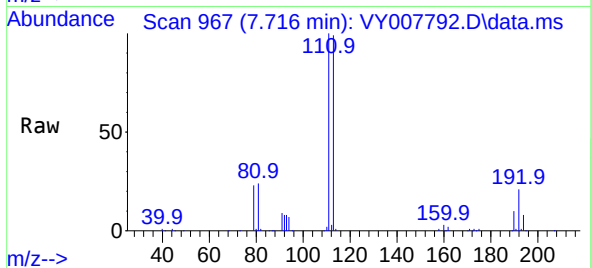
88 13.8 0.0 31.8



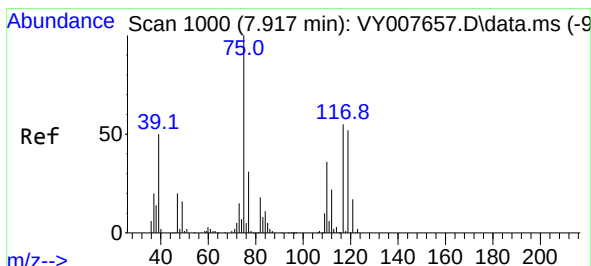
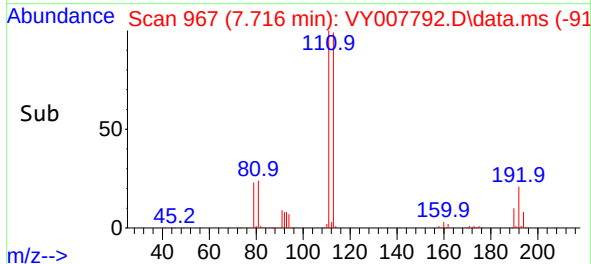
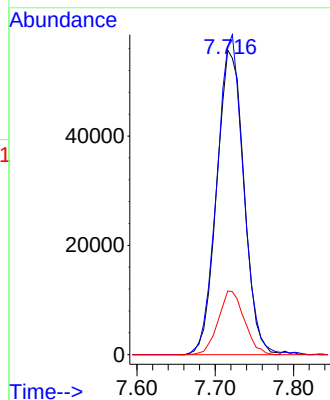


#35
Dibromofluoromethane
Concen: 51.592 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

Instrument :
MSVOA_Y
ClientSampleId :

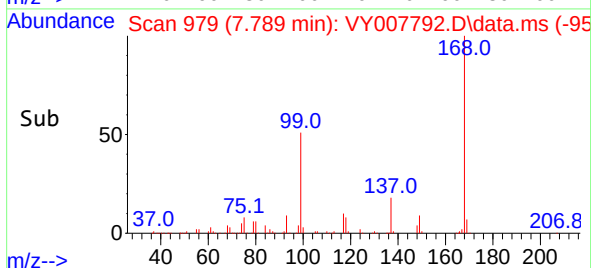
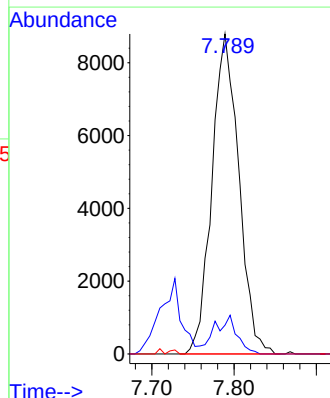
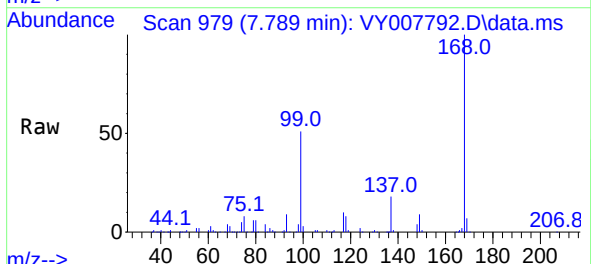


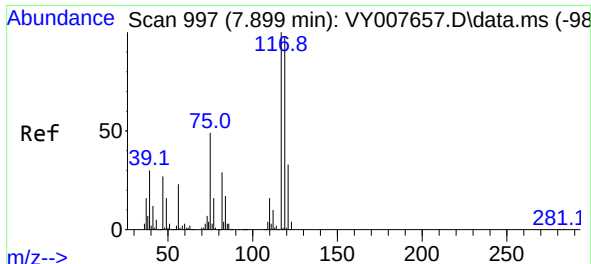
Tgt Ion:113 Resp: 134530
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

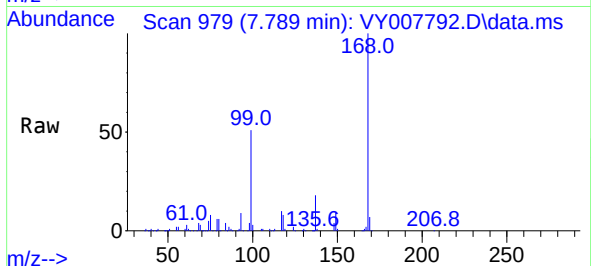
Tgt Ion: 75 Resp: 20000
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



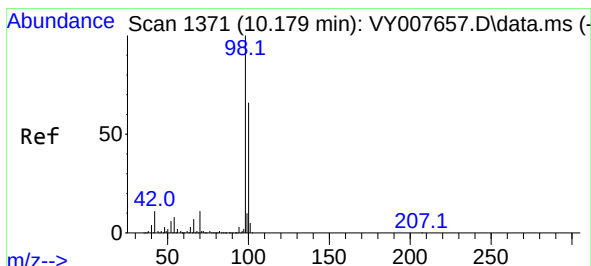
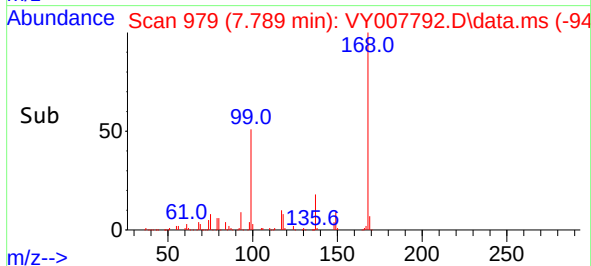
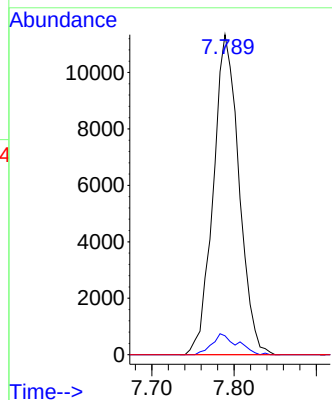


#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

Instrument :
MSVOA_Y
ClientSampleId :

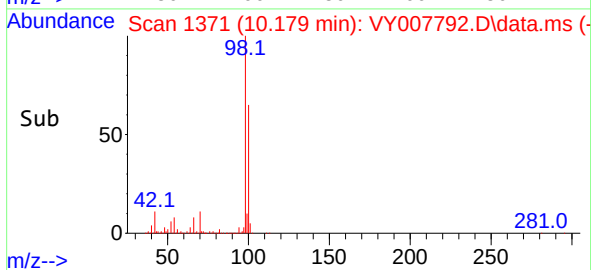
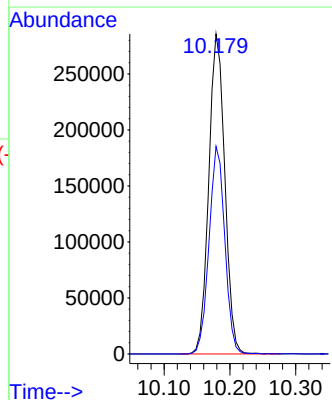
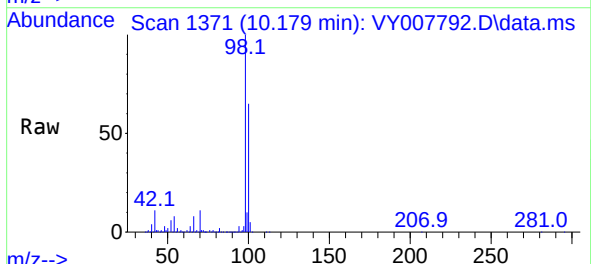


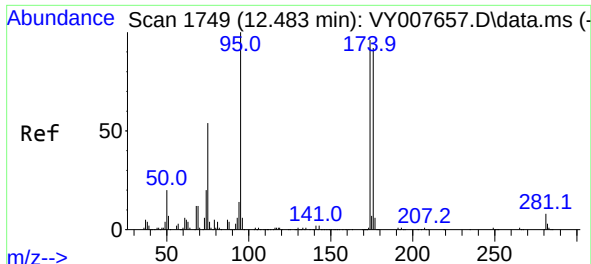
Tgt Ion:117 Resp: 24692
Ion Ratio Lower Upper
117 100
119 5.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.496 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

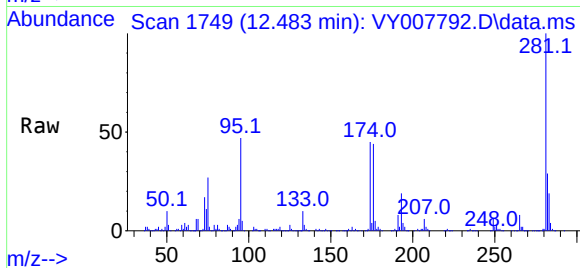
Tgt Ion: 98 Resp: 484689
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



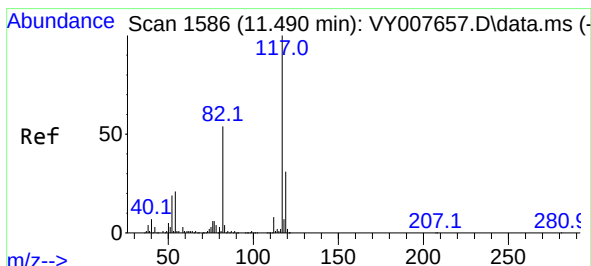
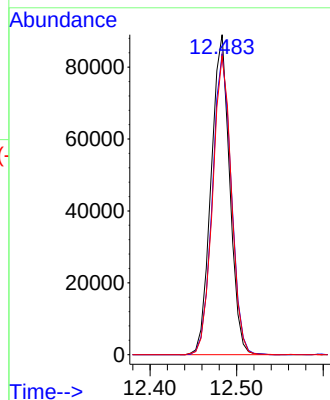
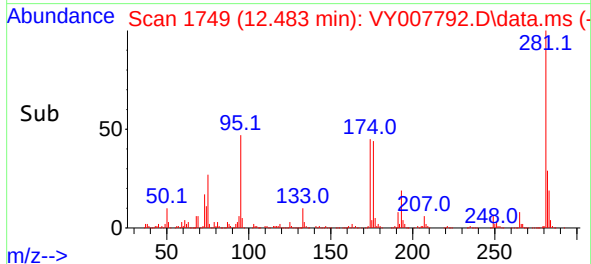


#62
4-Bromofluorobenzene
Concen: 42.823 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

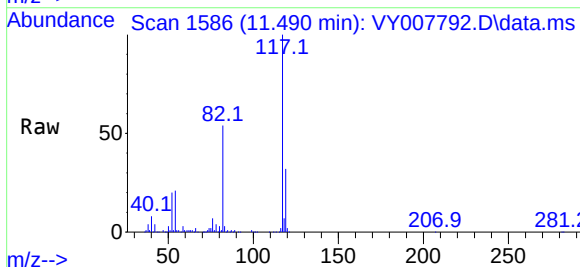
Instrument :
MSVOA_Y
ClientSampleId :



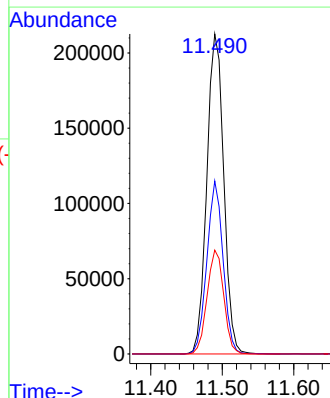
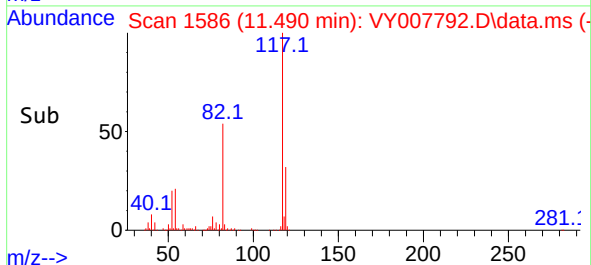
Tgt Ion: 95 Resp: 132495
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 94.1 0.0 175.8

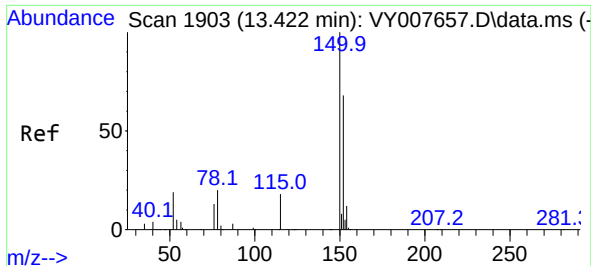


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58



Tgt Ion: 117 Resp: 349108
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.4 25.4 38.0

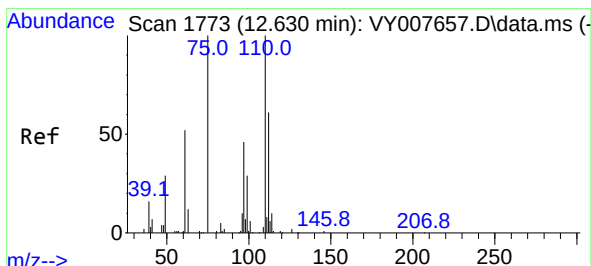
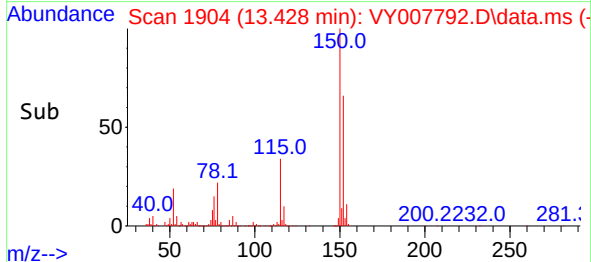
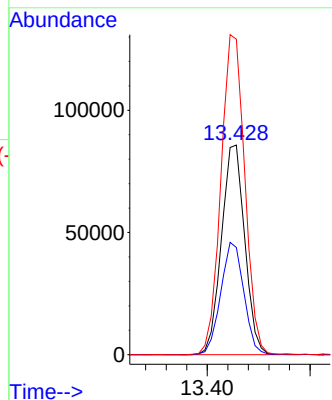
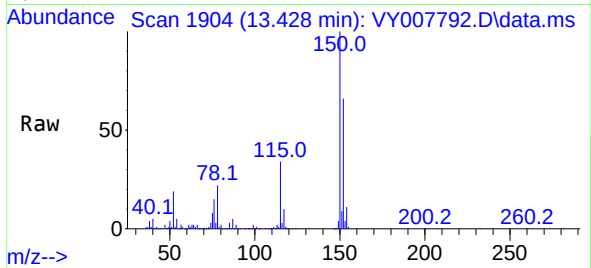




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

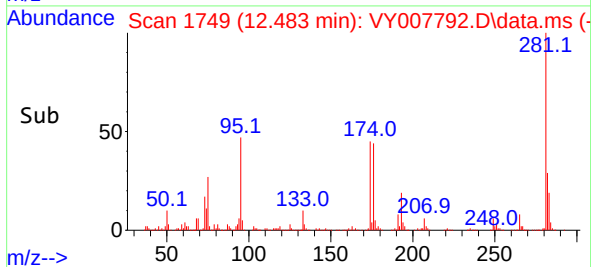
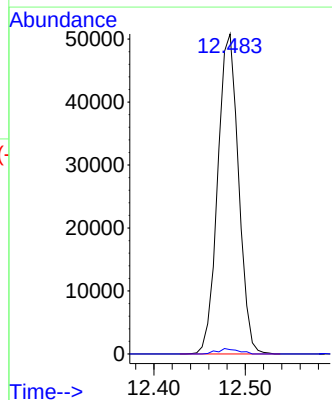
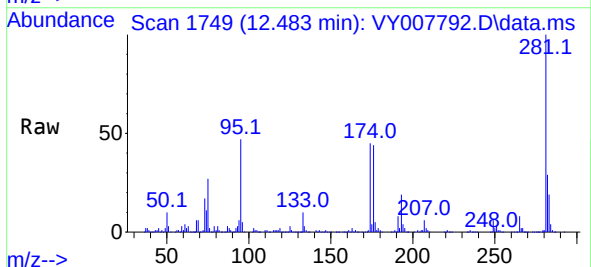
Instrument :
MSVOA_Y
ClientSampleId :

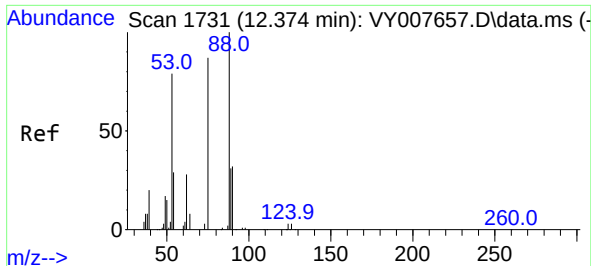
Tgt Ion:152 Resp: 134750
Ion Ratio Lower Upper
152 100
115 53.2 28.2 84.7
150 156.2 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 53.492 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007792.D
Acq: 08 Mar 2022 19:58

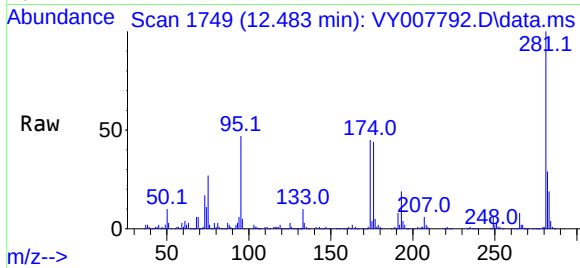
Tgt Ion: 75 Resp: 80497
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.358 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007792.D
 Acq: 08 Mar 2022 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80497
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 2.7 37.0 55.4#

