

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007713.D
 Acq On : 03 Mar 2022 18:39
 Operator : SY/MD
 Sample : N1759-04
 Misc : 6.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-4

Quant Time: Mar 04 00:43:17 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)

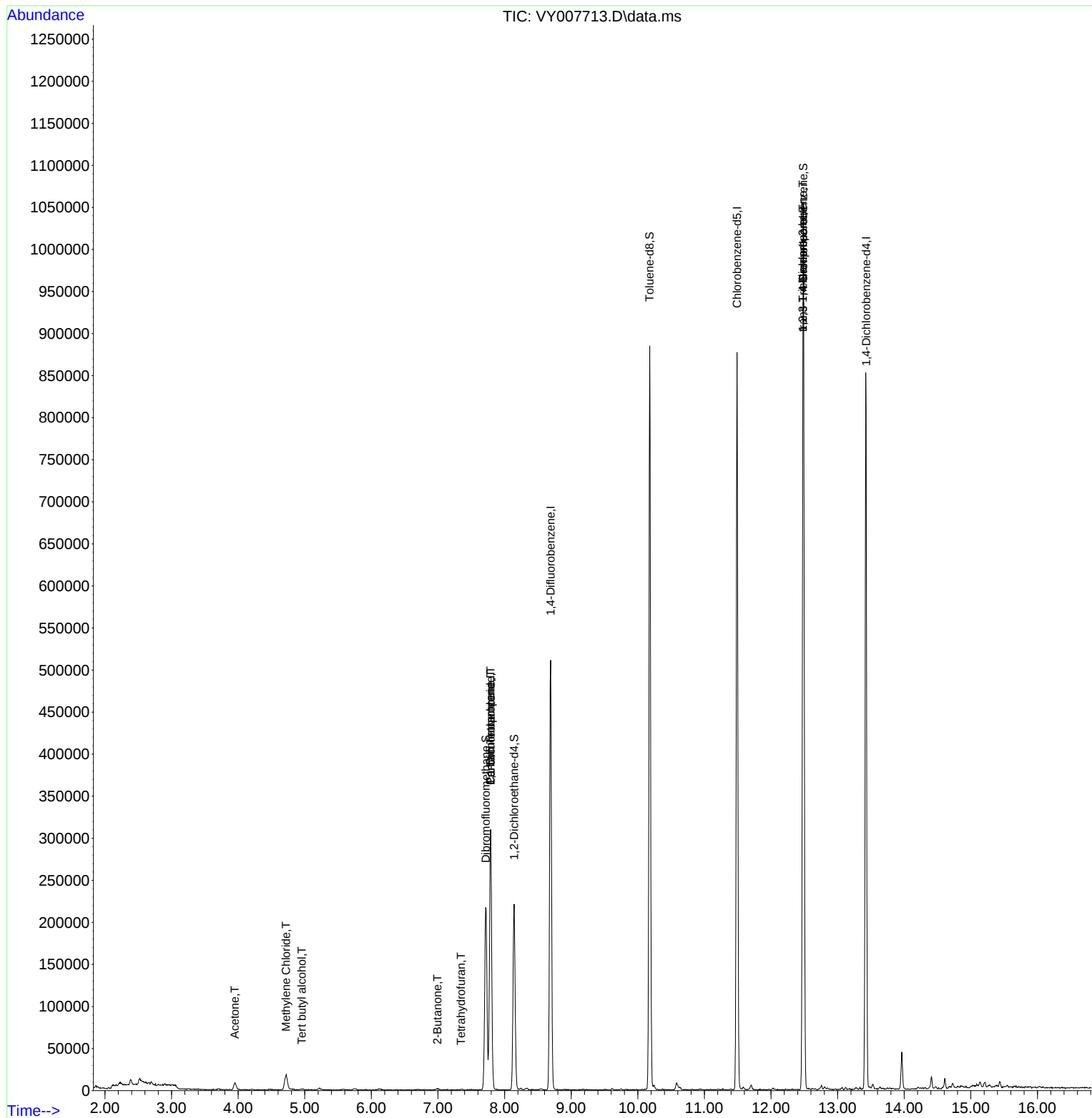
Internal Standards						
1) Pentafluorobenzene	7.789	168	239821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	447590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	454521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	164472	65.508	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 131.020%		
35) Dibromofluoromethane	7.716	113	152221	53.195	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.380%		
50) Toluene-d8	10.179	98	564482	53.588	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.180%		
62) 4-Bromofluorobenzene	12.483	95	188958	55.650	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 111.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	72	Below Cal	#	43
3) Chloromethane	2.113	50	1164	Below Cal	#	84
11) Tert butyl alcohol	4.954	59	1225	5.635	ug/l #	77
13) Acrolein	3.747	56	572	Below Cal	#	14
16) Acetone	3.948	43	14006	27.423	ug/l	97
17) Carbon Disulfide	4.180	76	48	Below Cal	#	75
18) Methyl Acetate	4.491	43	1142	Below Cal		91
20) Methylene Chloride	4.716	84	13453	1.248	ug/l #	77
25) 2-Butanone	6.990	43	1866	2.178	ug/l #	31
29) Tetrahydrofuran	7.344	42	634	1.081	ug/l #	48
31) Cyclohexane	7.795	56	6012	Below Cal	#	42
36) 1,1-Dichloropropene	7.789	75	19062	4.235	ug/l #	50
38) Carbon Tetrachloride	7.789	117	22845	4.758	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	111588	47.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	111588	97.822	ug/l #	8

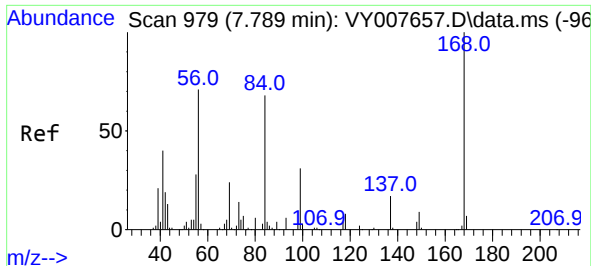
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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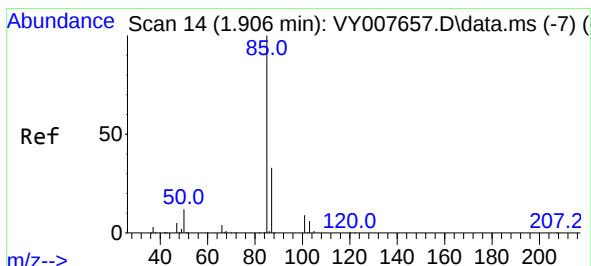
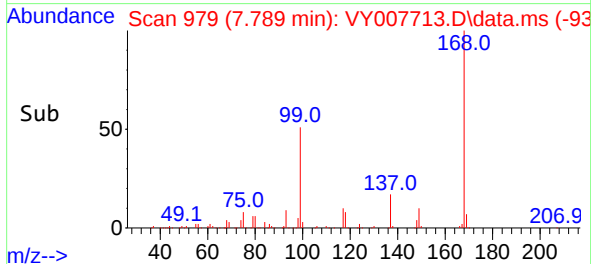
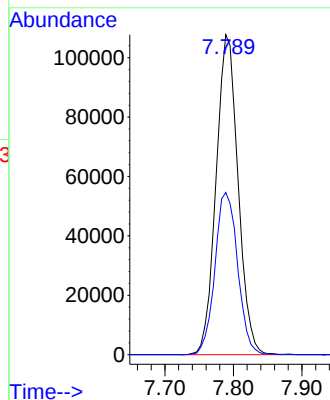
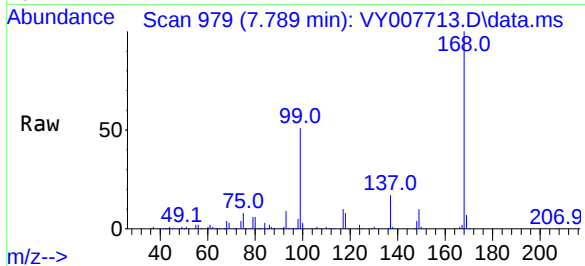




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

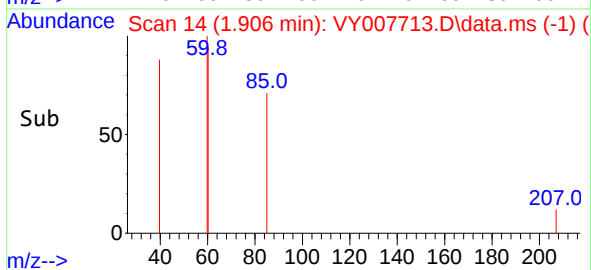
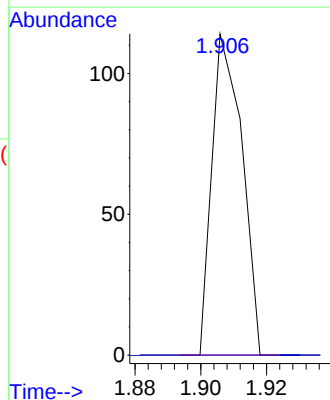
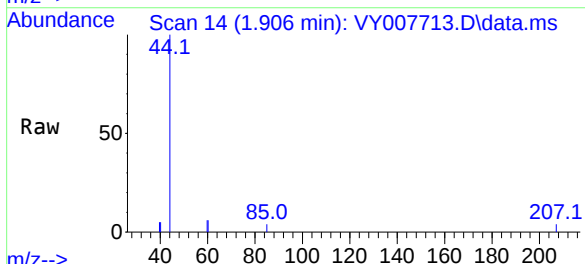
Instrument :
MSVOA_Y
ClientSampleId :
DISP-4

Tgt Ion:168 Resp: 239821
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3

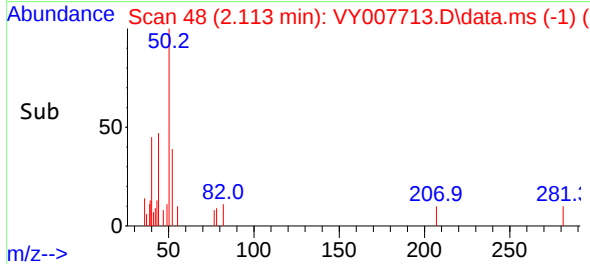
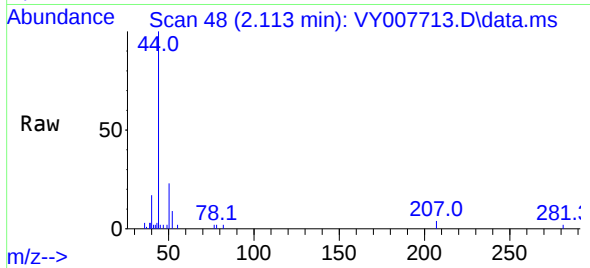
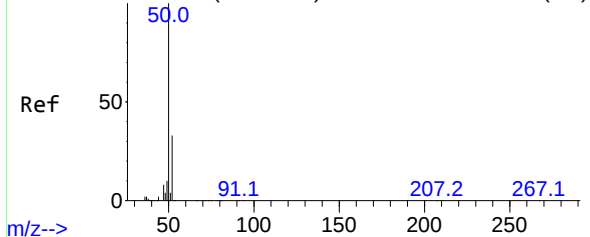


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

Tgt Ion: 85 Resp: 72
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: VY007713.D

Acq: 03 Mar 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

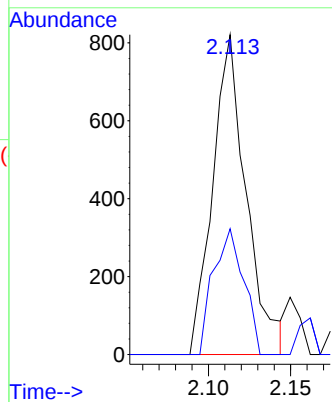
DISP-4

Tgt Ion: 50 Resp: 1164

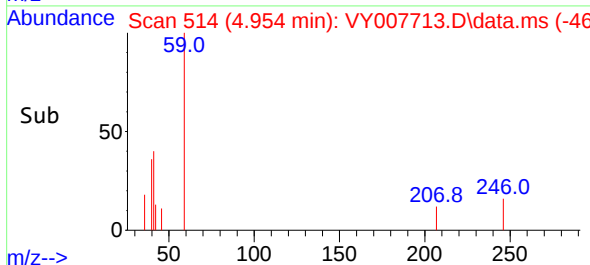
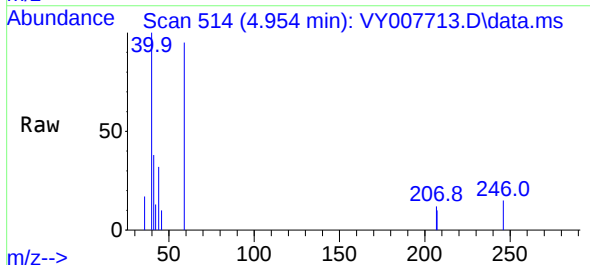
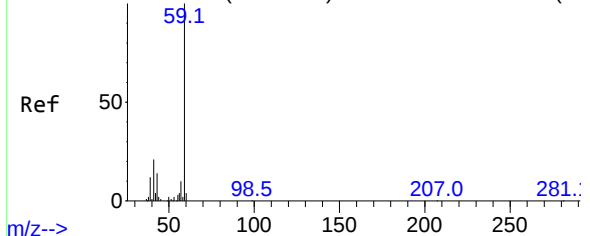
Ion Ratio Lower Upper

50 100

52 39.3 24.6 37.0#



Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: 5.635 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY007713.D

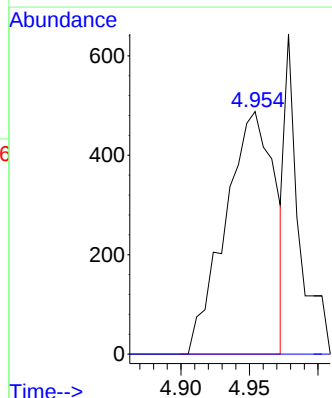
Acq: 03 Mar 2022 18:39

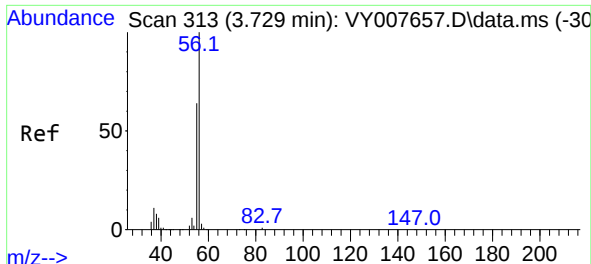
Tgt Ion: 59 Resp: 1225

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#





#13

Acrolein

Concen: Below Cal

RT: 3.747 min Scan# 313

Delta R.T. 0.018 min

Lab File: VY007713.D

Acq: 03 Mar 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

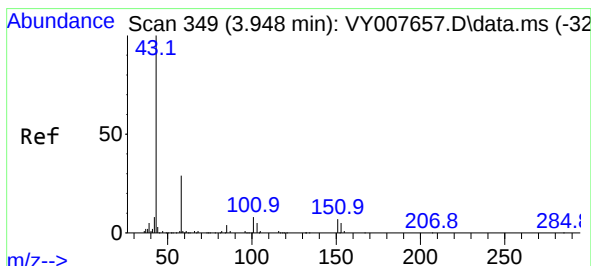
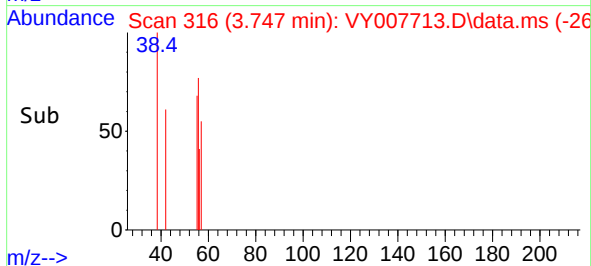
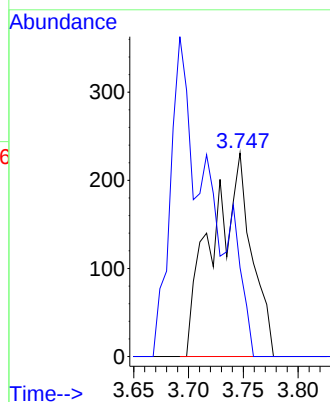
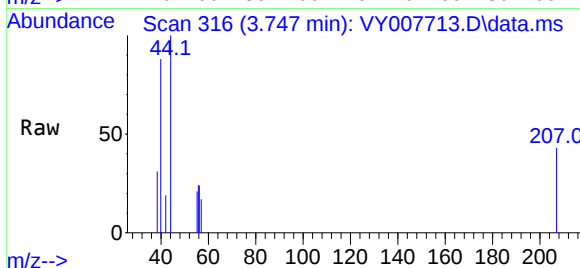
DISP-4

Tgt Ion: 56 Resp: 572

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



#16

Acetone

Concen: 27.423 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007713.D

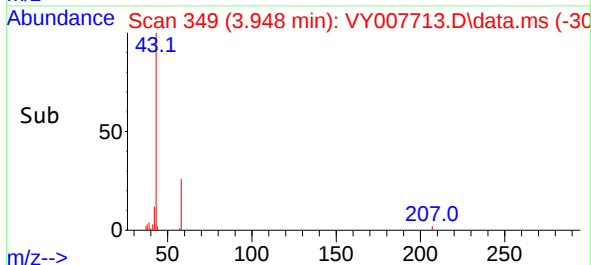
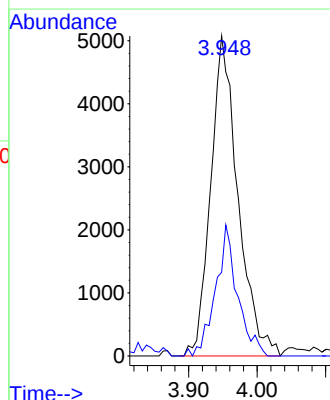
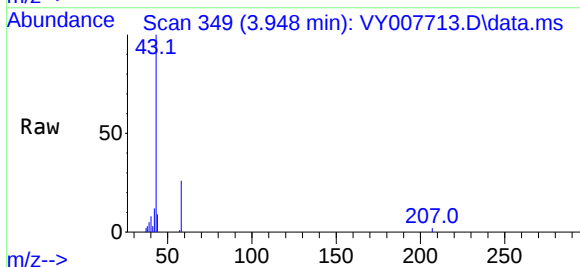
Acq: 03 Mar 2022 18:39

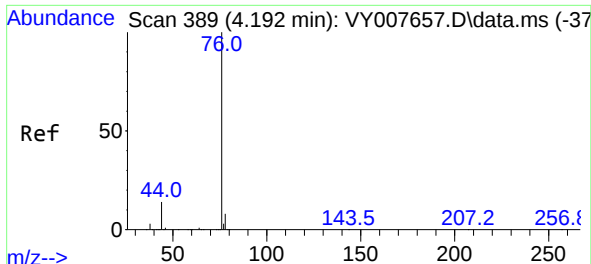
Tgt Ion: 43 Resp: 14006

Ion Ratio Lower Upper

43 100

58 26.1 22.0 33.0

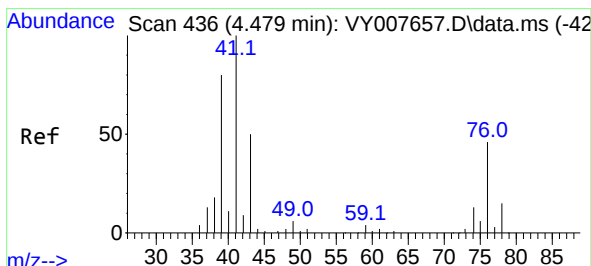
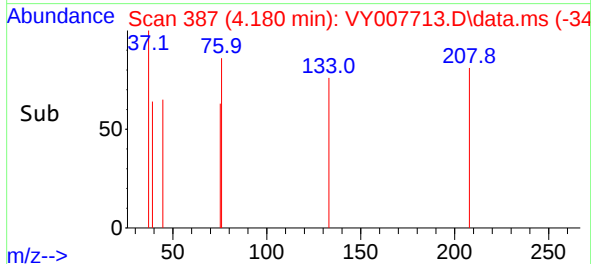
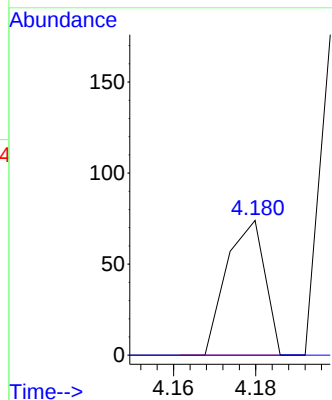
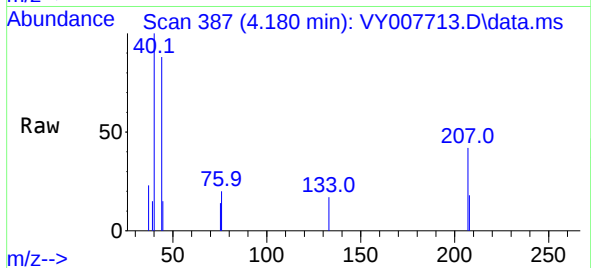




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

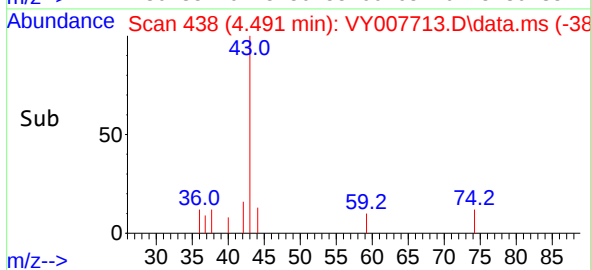
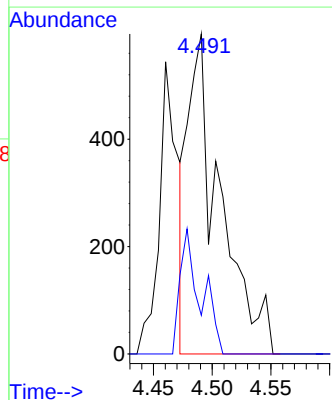
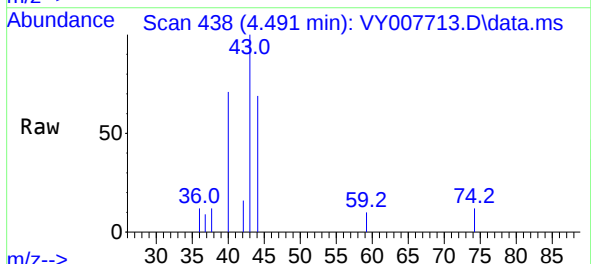
Instrument :
MSVOA_Y
ClientSampleId :
DISP-4

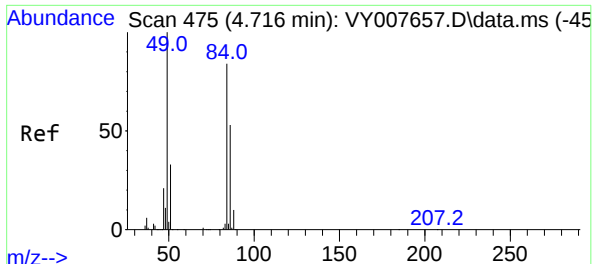
Tgt Ion: 76 Resp: 48
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
74 24.7 16.6 24.8

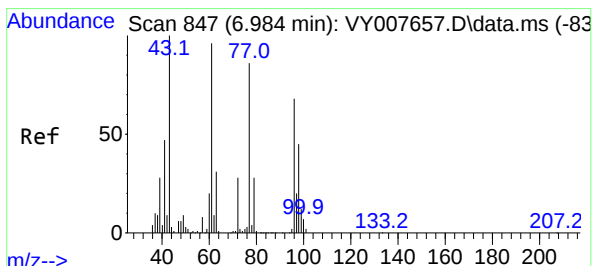
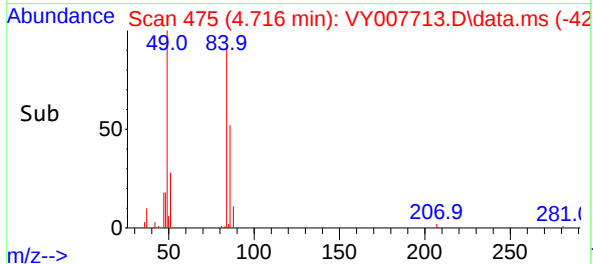
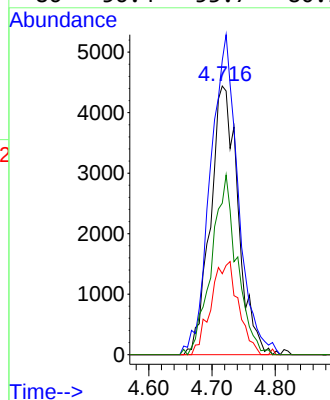
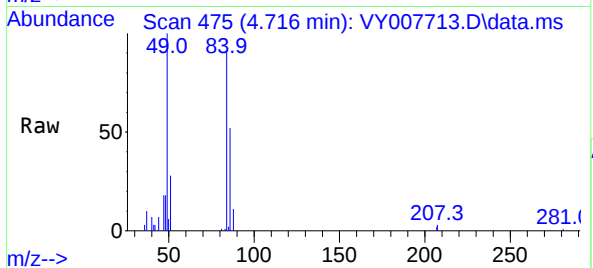




#20
Methylene Chloride
Concen: 1.248 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

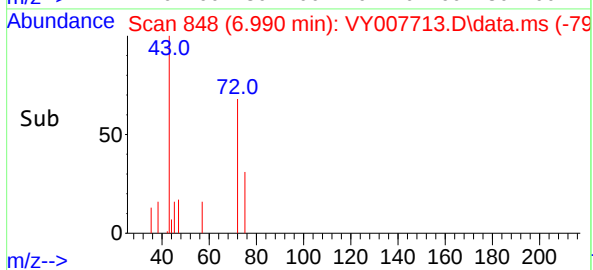
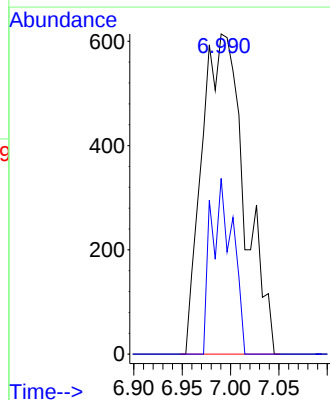
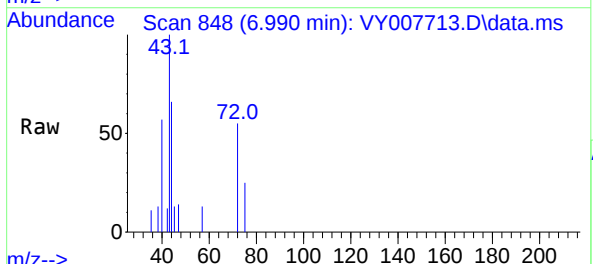
Instrument :
MSVOA_Y
ClientSampleId :
DISP-4

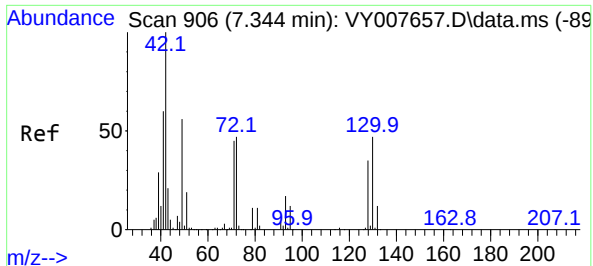
Tgt Ion: 84 Resp: 13453
Ion Ratio Lower Upper
84 100
49 109.5 114.4 171.6#
51 30.2 35.3 52.9#
86 56.4 53.7 80.5



#25
2-Butanone
Concen: 2.178 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

Tgt Ion: 43 Resp: 1866
Ion Ratio Lower Upper
43 100
72 54.9 17.7 26.5#

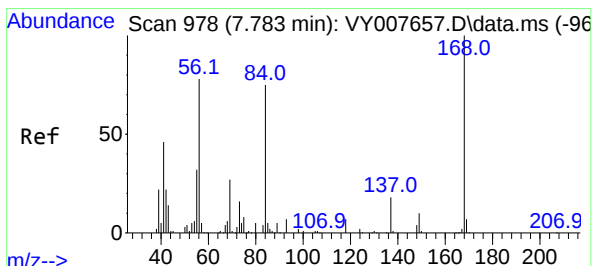
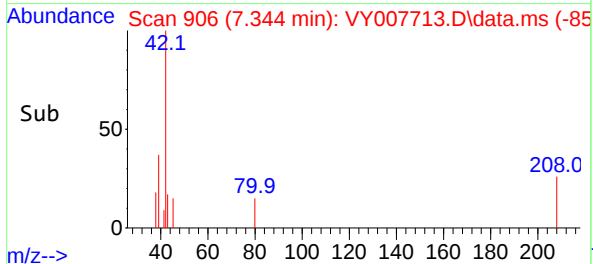
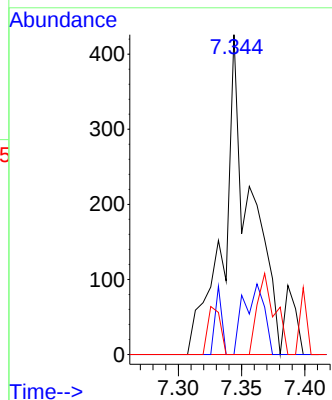
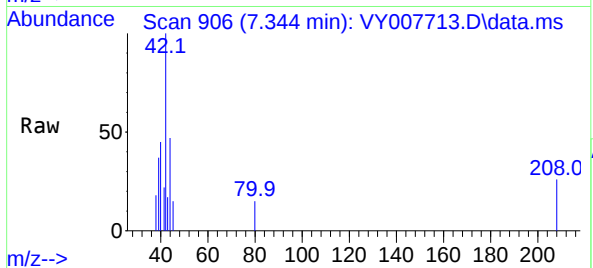




#29
Tetrahydrofuran
Concen: 1.081 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

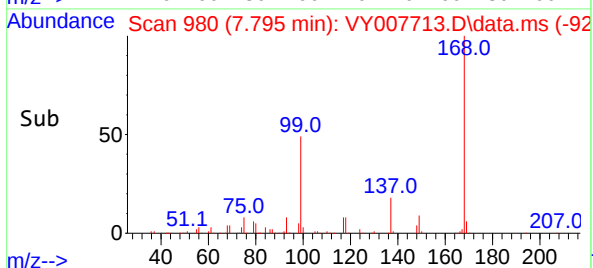
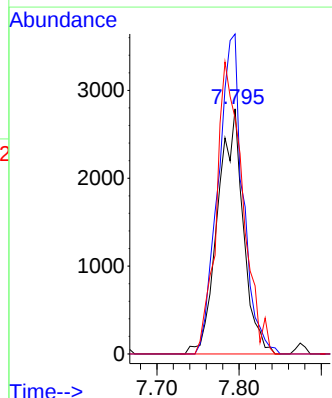
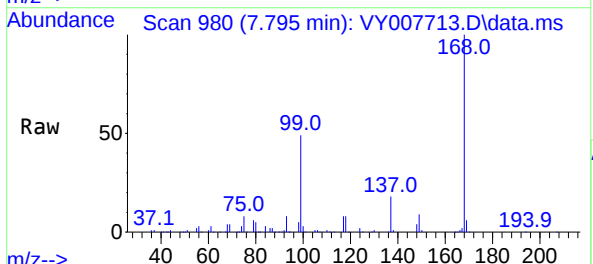
Instrument :
MSVOA_Y
ClientSampleId :
DISP-4

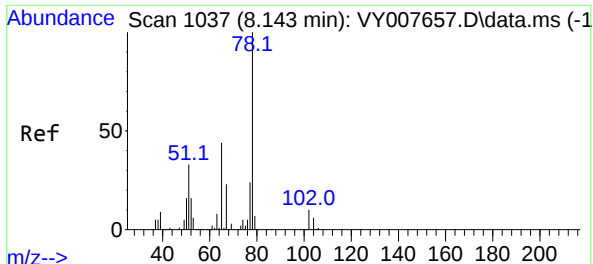
Tgt Ion:	42	Resp:	634
Ion	Ratio	Lower	Upper
42	100		
72	5.2	30.3	45.5#
71	6.9	29.0	43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

Tgt Ion:	56	Resp:	6012
Ion	Ratio	Lower	Upper
56	100		
69	130.5	26.7	40.1#
84	96.3	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 65.508 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007713.D

Acq: 03 Mar 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

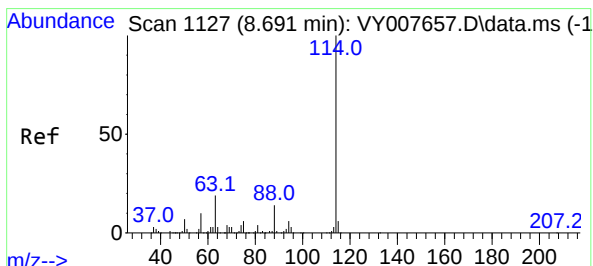
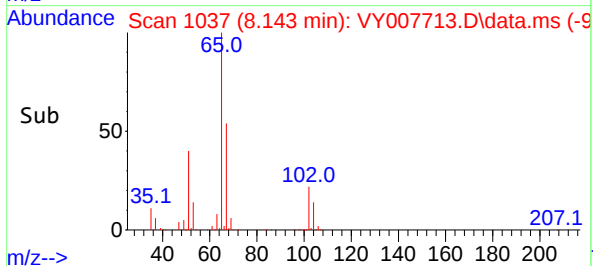
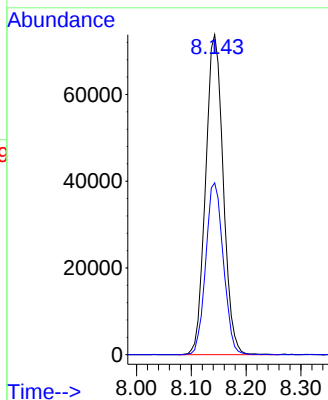
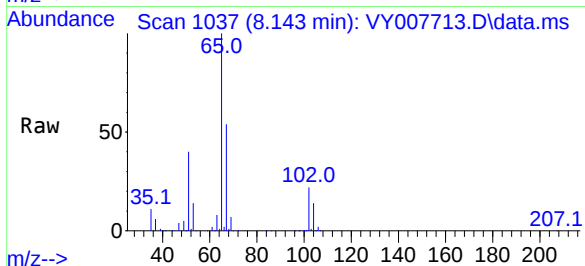
DISP-4

Tgt Ion: 65 Resp: 164472

Ion Ratio Lower Upper

65 100

67 53.7 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: VY007713.D

Acq: 03 Mar 2022 18:39

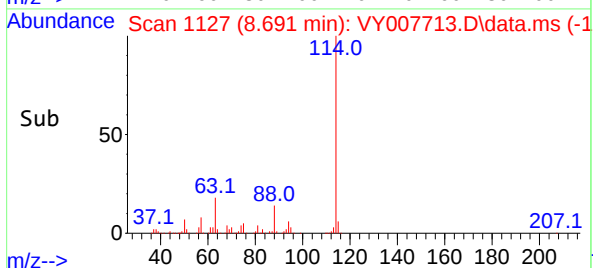
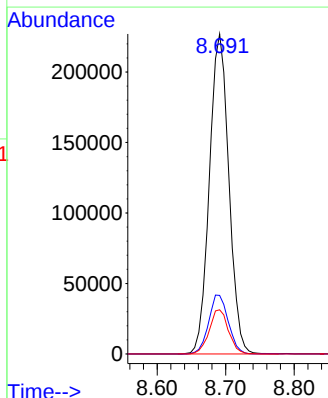
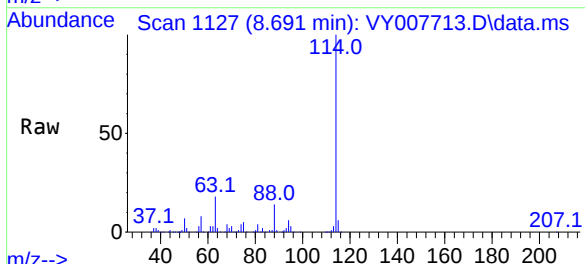
Tgt Ion: 114 Resp: 447590

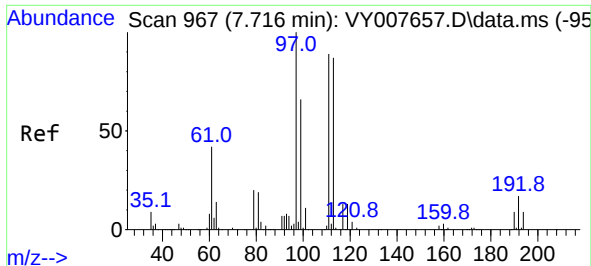
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.8 0.0 31.8

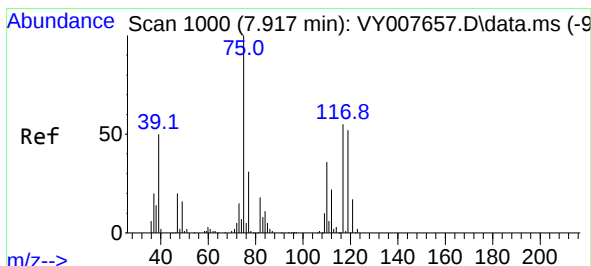
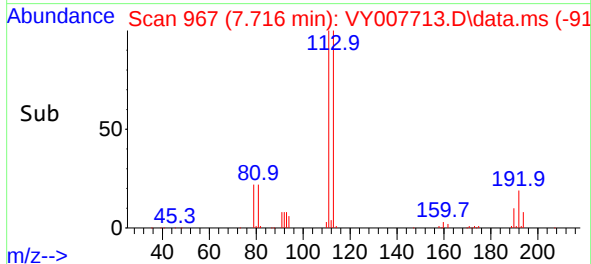
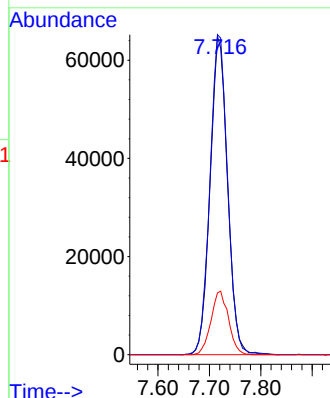
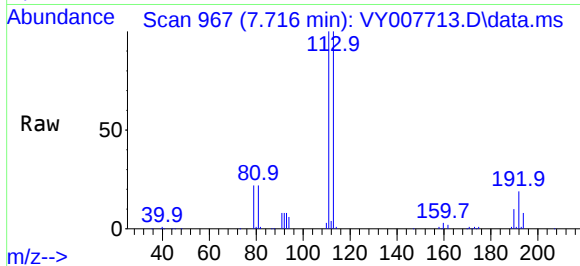




#35
Dibromofluoromethane
Concen: 53.195 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

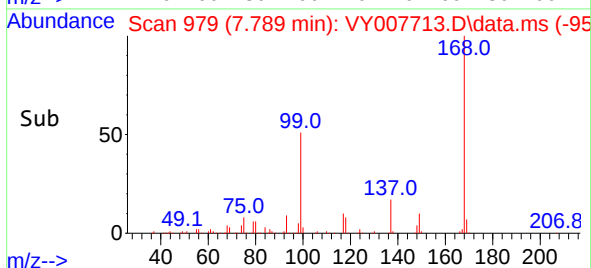
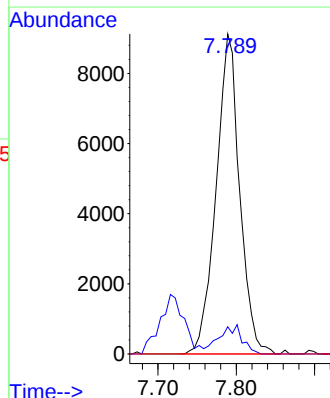
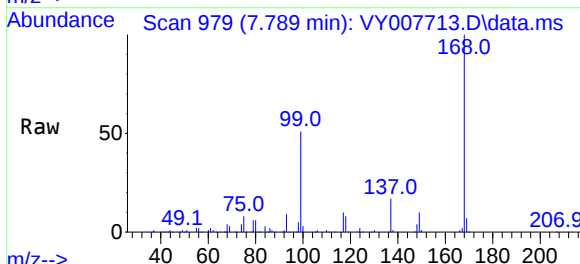
Instrument :
MSVOA_Y
ClientSampleId :
DISP-4

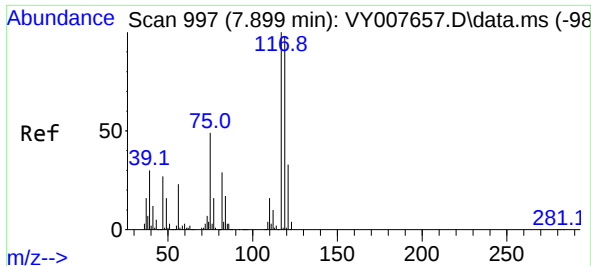
Tgt Ion:113 Resp: 152221
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.235 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

Tgt Ion: 75 Resp: 19062
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

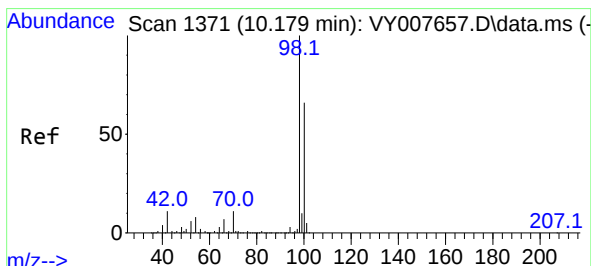
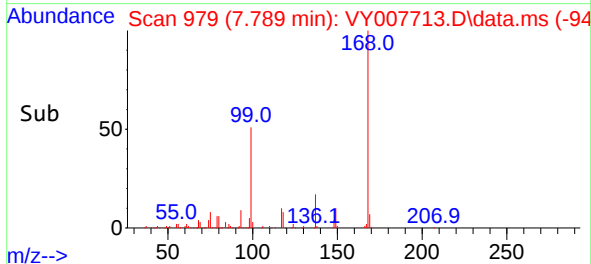
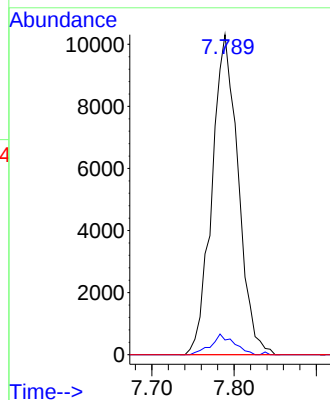
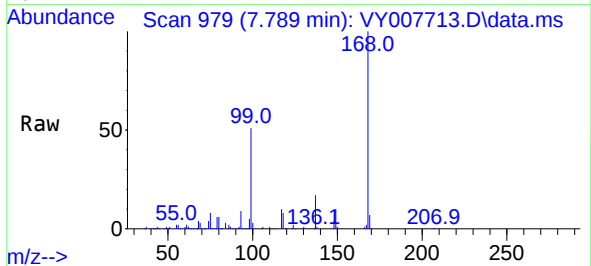




#38
Carbon Tetrachloride
Concen: 4.758 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

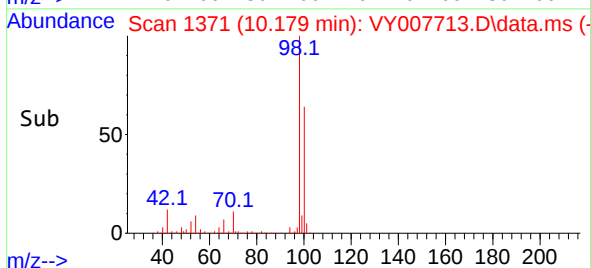
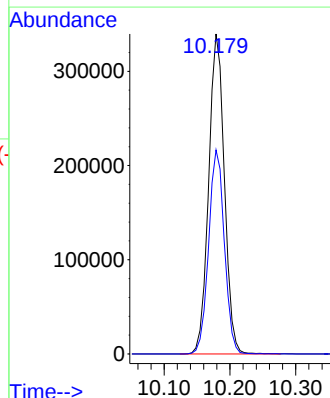
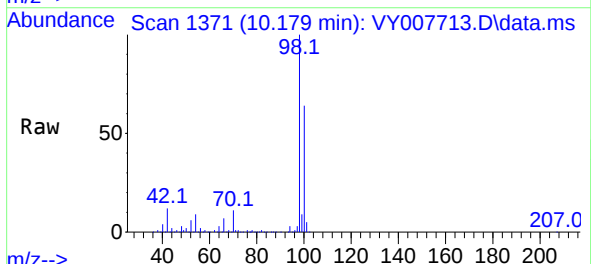
Instrument :
MSVOA_Y
ClientSampleId :
DISP-4

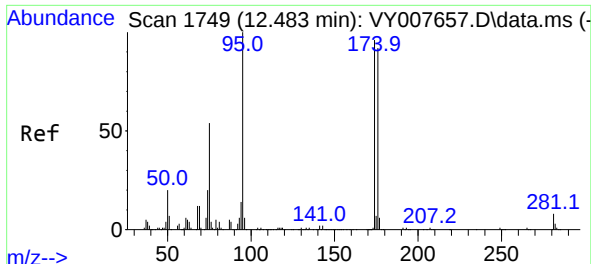
Tgt Ion:117 Resp: 22845
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.588 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

Tgt Ion: 98 Resp: 564482
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

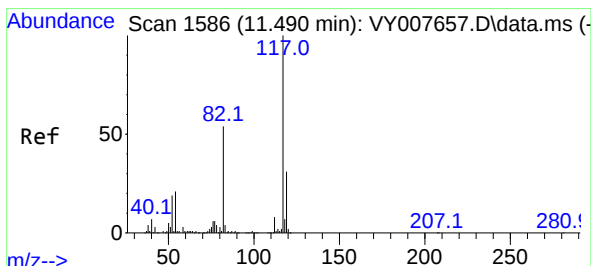
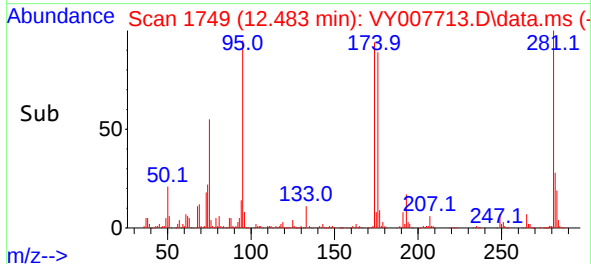
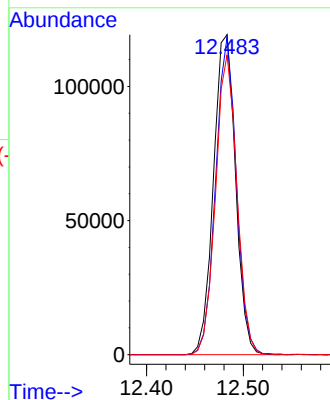
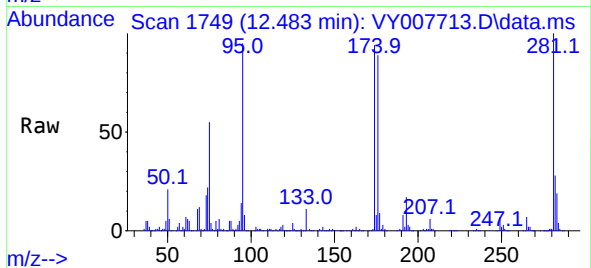




#62
4-Bromofluorobenzene
Concen: 55.650 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

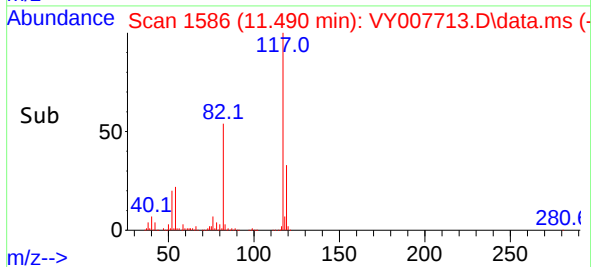
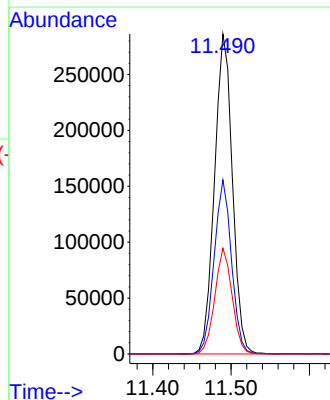
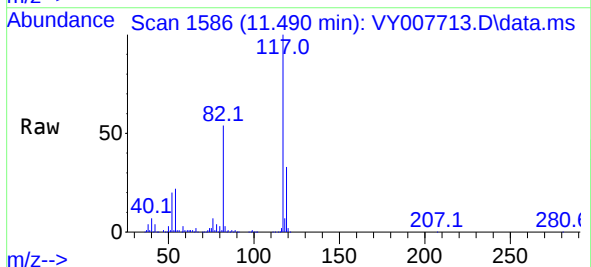
Instrument :
MSVOA_Y
ClientSampleId :
DISP-4

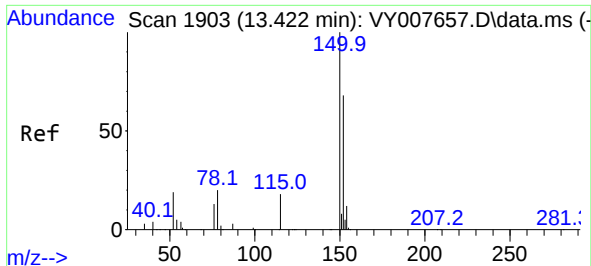
Tgt Ion: 95 Resp: 188958
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 90.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

Tgt Ion: 117 Resp: 454521
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 33.1 25.4 38.0

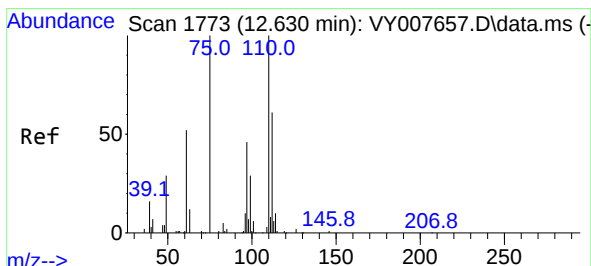
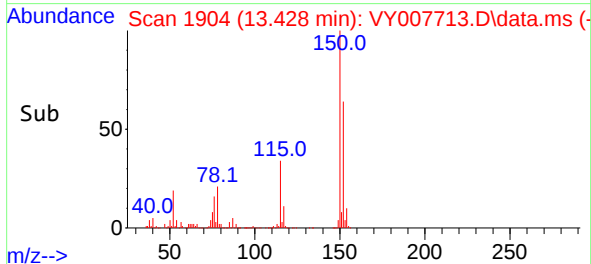
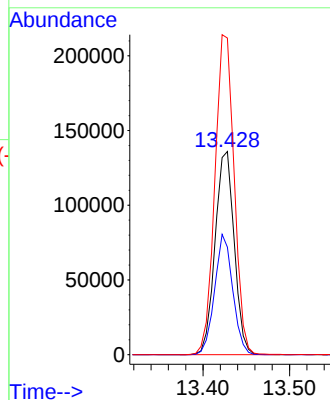
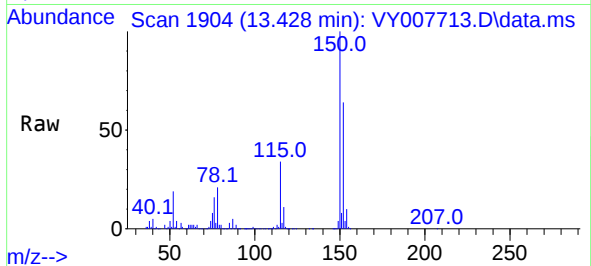




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

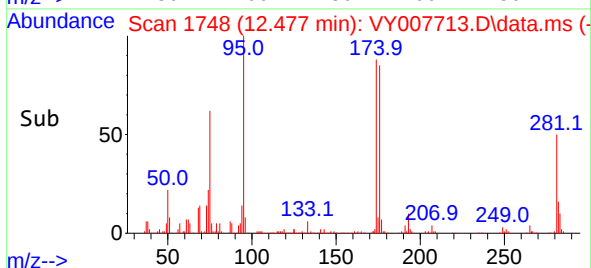
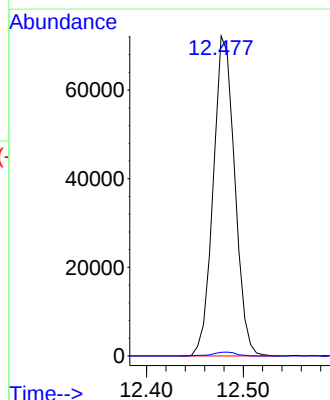
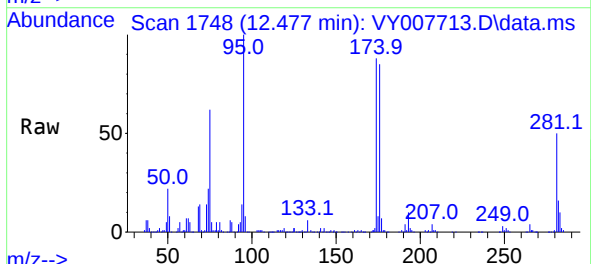
Instrument :
MSVOA_Y
ClientSampleId :
DISP-4

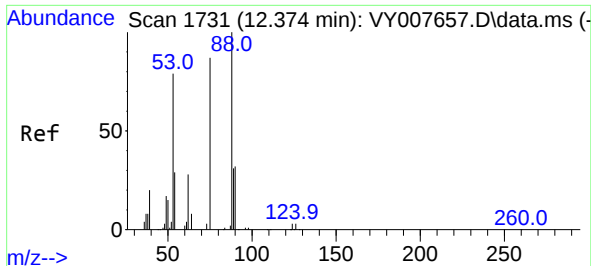
Tgt Ion:152 Resp: 208823
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 158.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.850 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007713.D
Acq: 03 Mar 2022 18:39

Tgt Ion: 75 Resp: 111588
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.822 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007713.D
 Acq: 03 Mar 2022 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-4

Tgt Ion: 75 Resp: 111588
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.2 37.0 55.4#

