

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
 Data File : VY009549.D
 Acq On : 13 Jul 2022 10:22
 Operator : KP/MD
 Sample : VY0713SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBL01

Quant Time: Jul 14 02:42:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

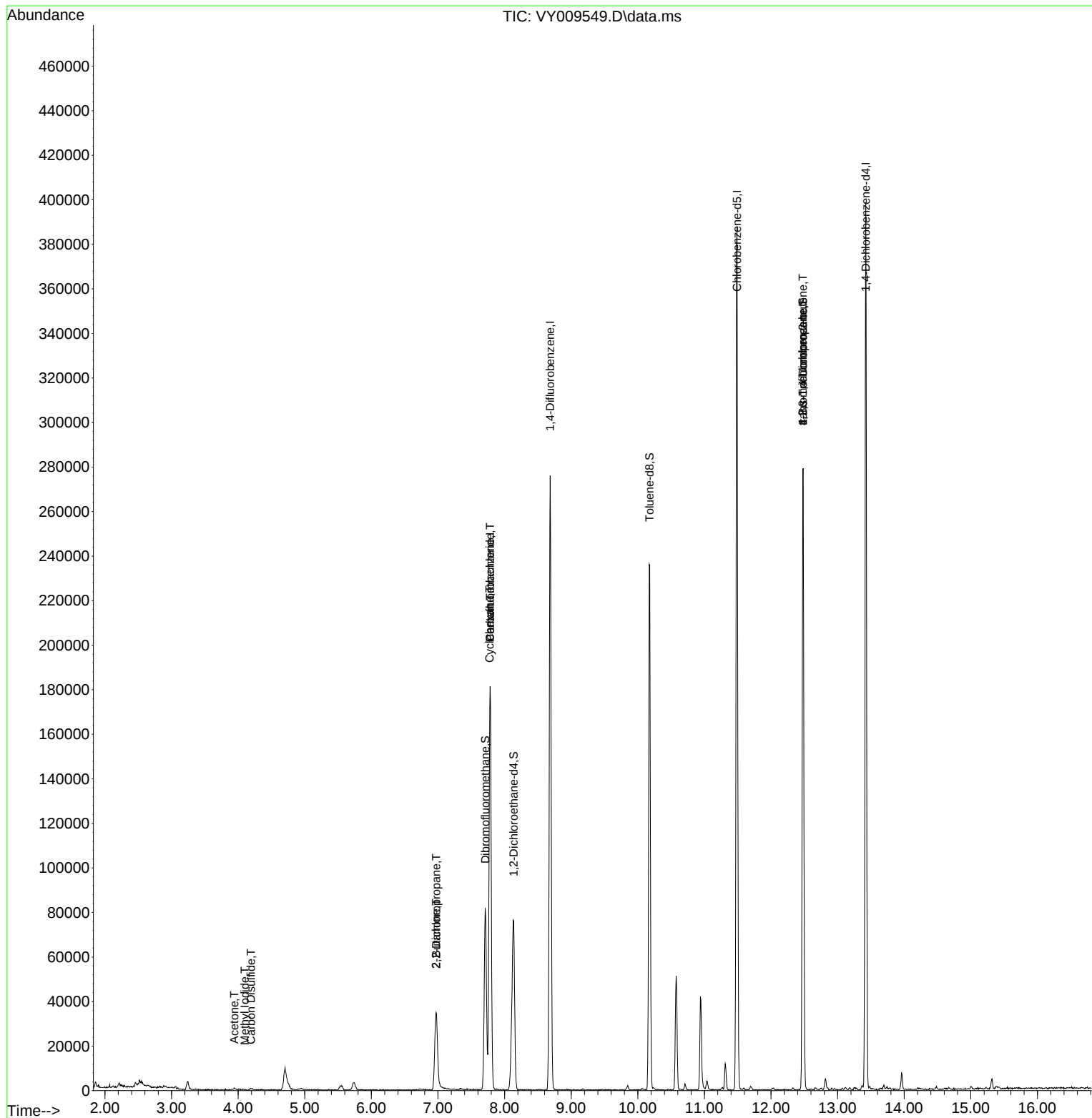
Internal Standards						
1) Pentafluorobenzene	7.783	168	146052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	235423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51555	50.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.260%	
35) Dibromofluoromethane	7.709	113	56361	45.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.000%	
50) Toluene-d8	10.179	98	153366	44.218	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 88.440%	
62) 4-Bromofluorobenzene	12.477	95	76512	43.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 87.520%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	397	4.372	ug/l #	46
11) Tert butyl alcohol	4.923	59	560	Below Cal	#	77
16) Acetone	3.942	43	1326	3.732	ug/l	93
17) Carbon Disulfide	4.192	76	145	4.455	ug/l #	75
20) Methylene Chloride	4.704	84	6343	Below Cal		89
23) Vinyl Acetate	6.057	43	116	Below Cal	#	75
25) 2-Butanone	6.972	43	2058	3.581	ug/l #	70
26) 2,2-Dichloropropane	6.972	77	2842	1.170	ug/l #	55
31) Cyclohexane	7.777	56	3503	1.462	ug/l #	28
38) Carbon Tetrachloride	7.783	117	13772	6.385	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	40543	38.495	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40543	78.785	ug/l #	7

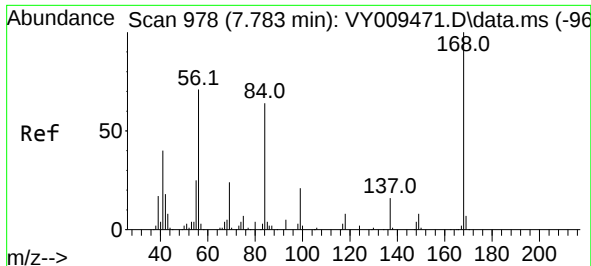
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071322\
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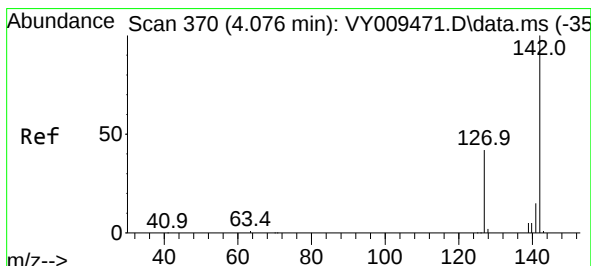
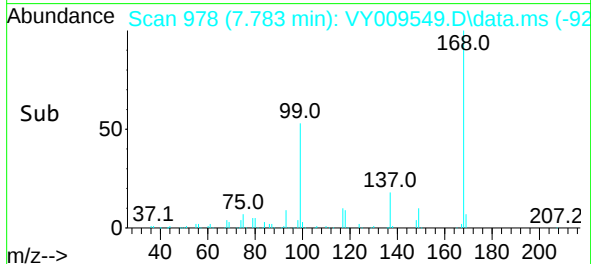
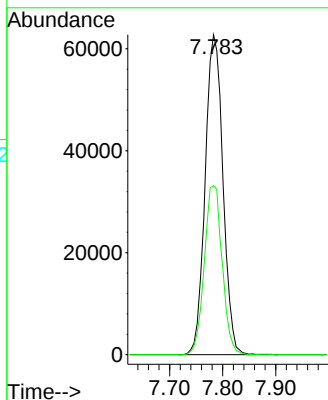
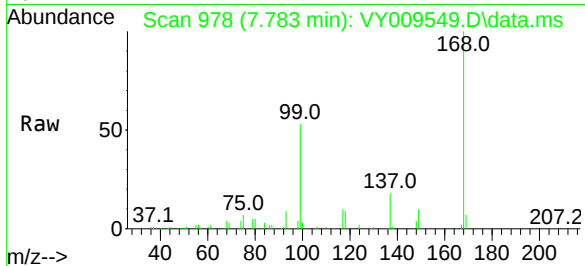




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

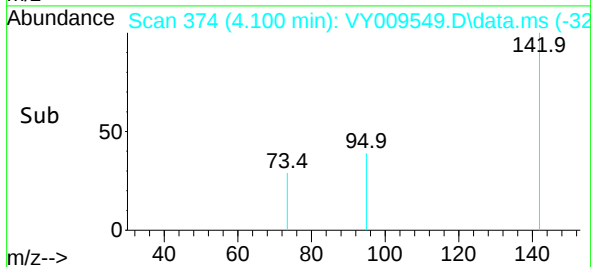
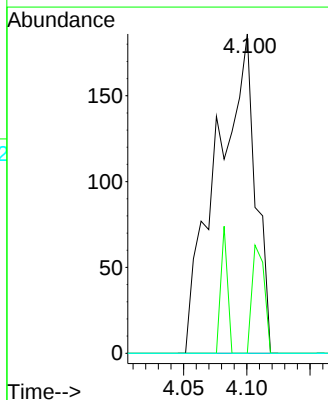
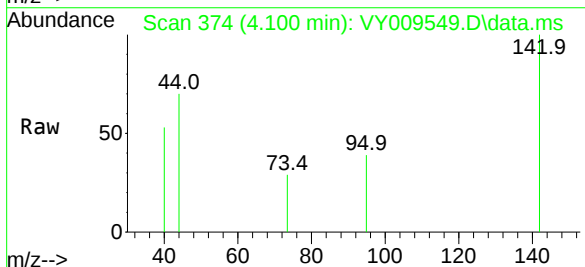
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

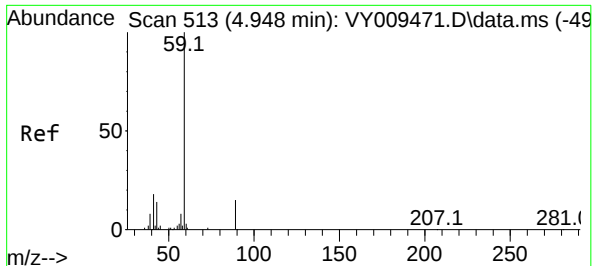
Tgt Ion:168 Resp: 146052
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#10
Methyl Iodide
Concen: 4.372 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.024 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

Tgt Ion:142 Resp: 397
Ion Ratio Lower Upper
142 100
127 10.6 41.5 62.3#
141 0.0 11.9 17.9#

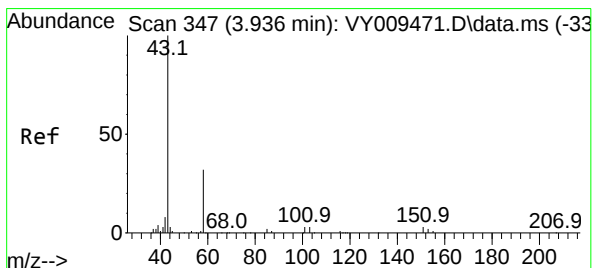
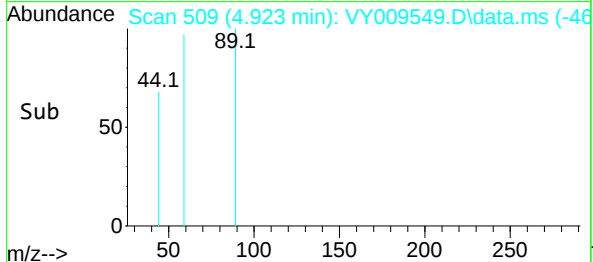
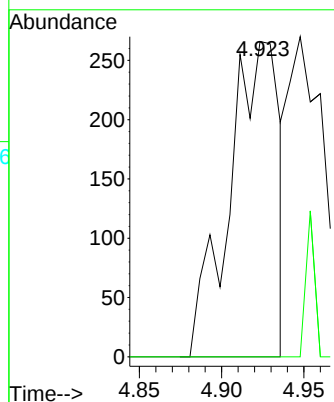
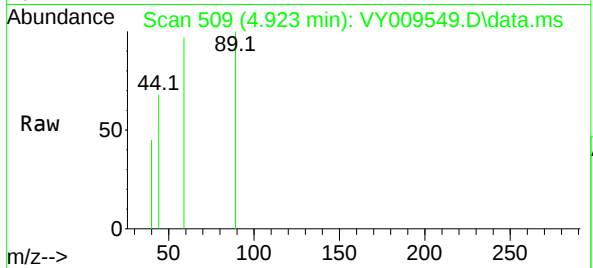




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

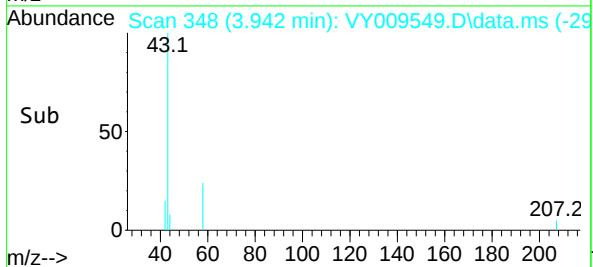
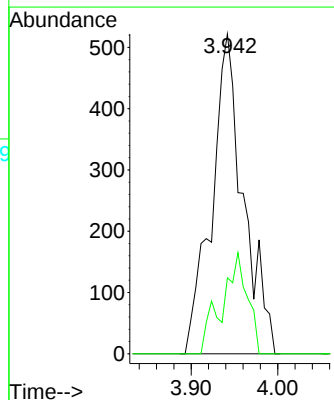
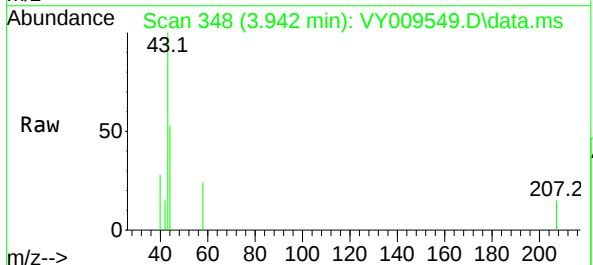
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

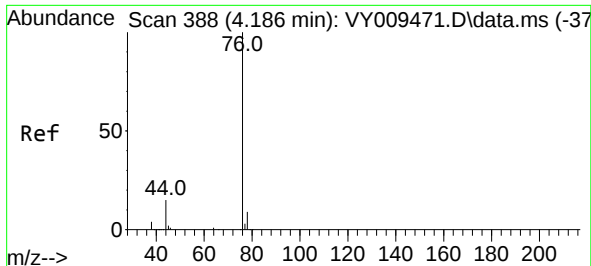
Tgt Ion: 59 Resp: 560
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.732 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 43 Resp: 1326
Ion Ratio Lower Upper
43 100
58 23.8 22.0 33.0





#17

Carbon Disulfide

Concen: 4.455 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY009549.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_Y

ClientSampleId :

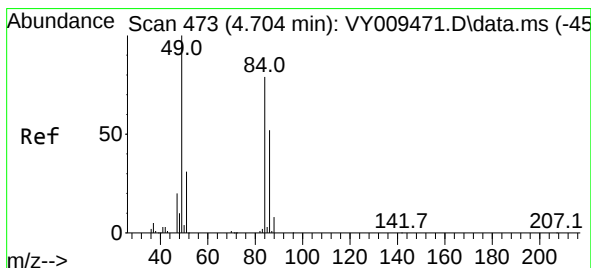
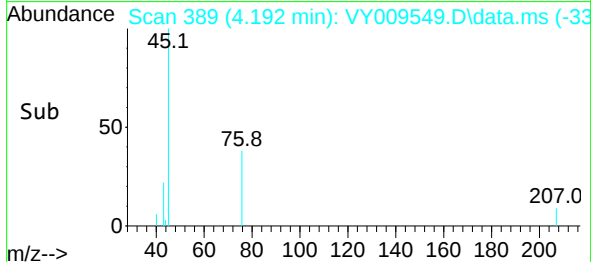
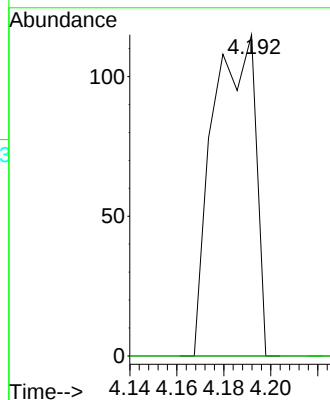
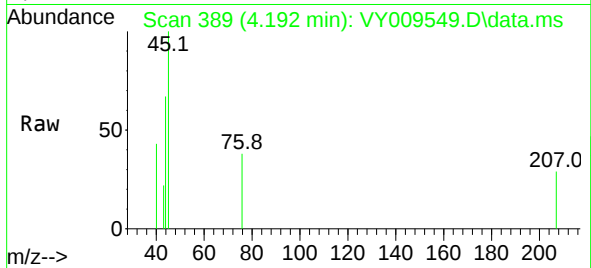
VY0713SBL01

Tgt Ion: 76 Resp: 145

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.000 min

Lab File: VY009549.D

Acq: 13 Jul 2022 10:22

Tgt Ion: 84 Resp: 6343

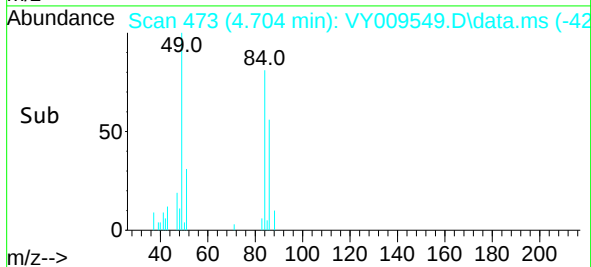
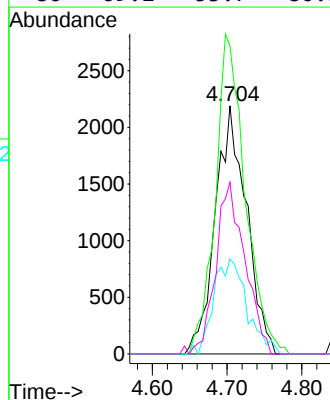
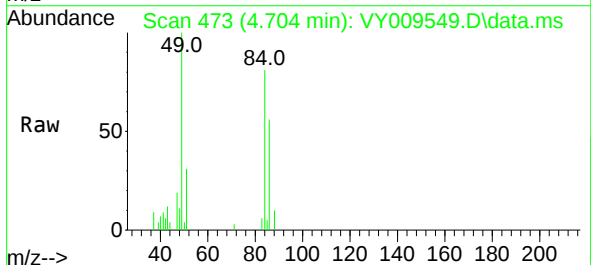
Ion Ratio Lower Upper

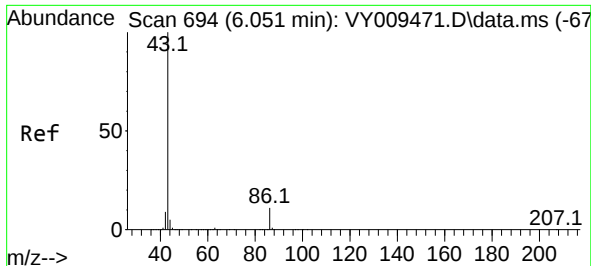
84 100

49 124.2 114.4 171.6

51 38.2 35.3 52.9

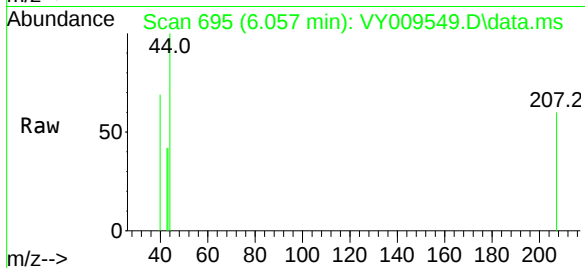
86 69.2 53.7 80.5



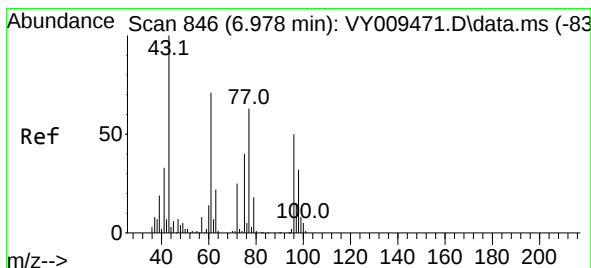
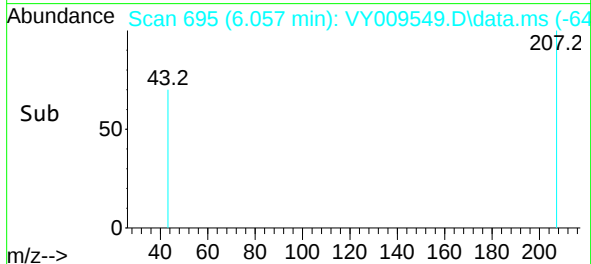
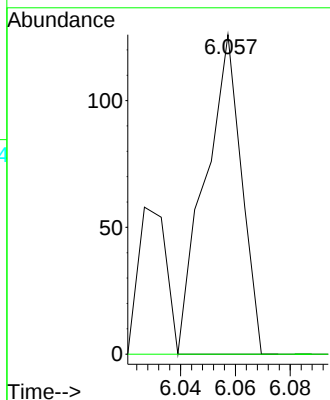


#23
Vinyl Acetate
Concen: Below Cal
RT: 6.057 min Scan# 694
Delta R.T. 0.006 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

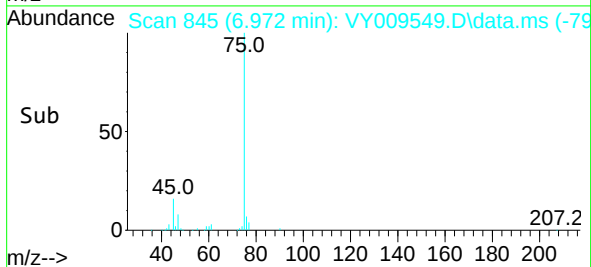
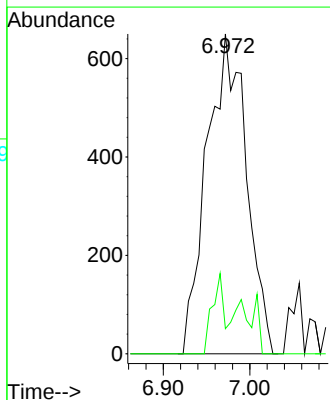
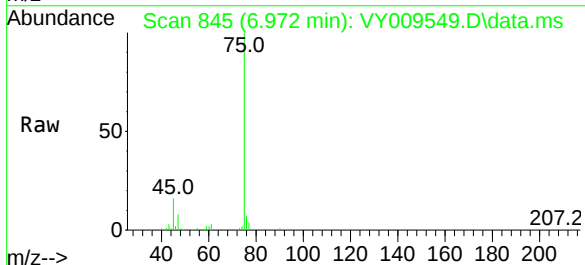


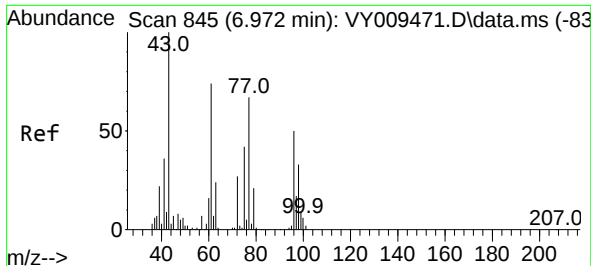
Tgt Ion: 43 Resp: 116
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#



#25
2-Butanone
Concen: 3.581 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
72 7.8 17.7 26.5#

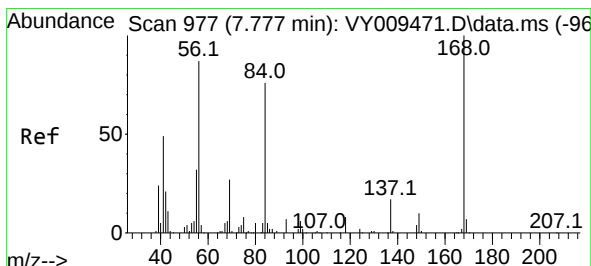
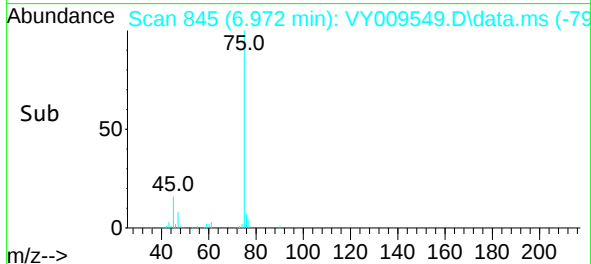
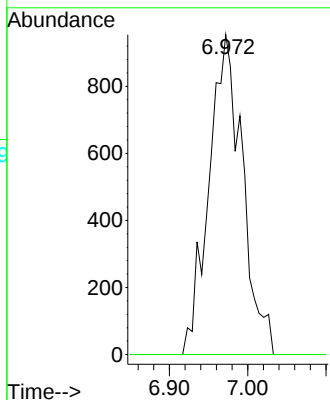
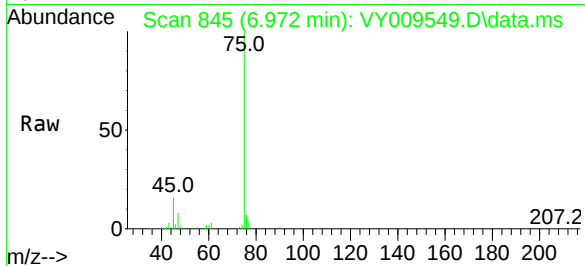




#26
2,2-Dichloropropane
Concen: 1.170 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

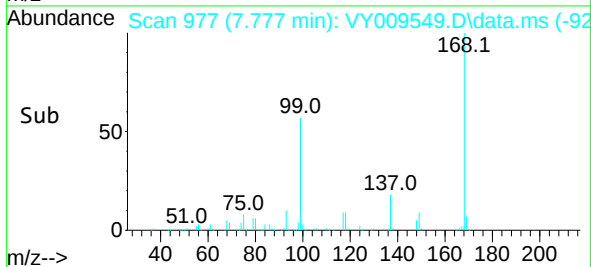
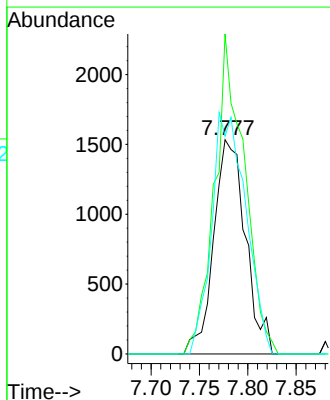
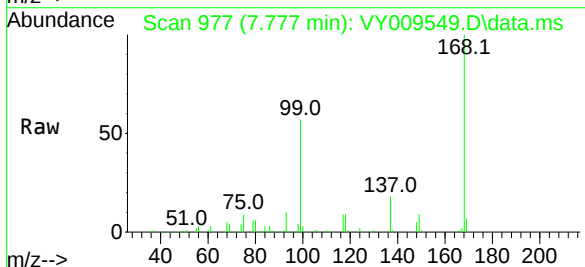
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

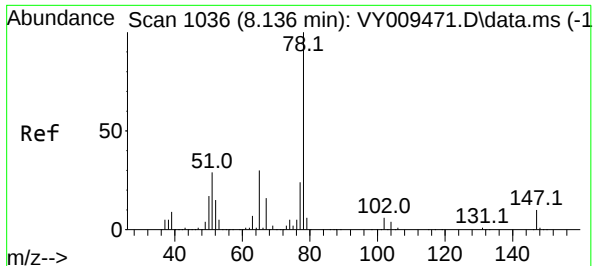
Tgt Ion: 77 Resp: 2842
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.462 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 56 Resp: 3503
Ion Ratio Lower Upper
56 100
69 149.3 26.7 40.1#
84 101.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.128 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009549.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_Y

ClientSampleId :

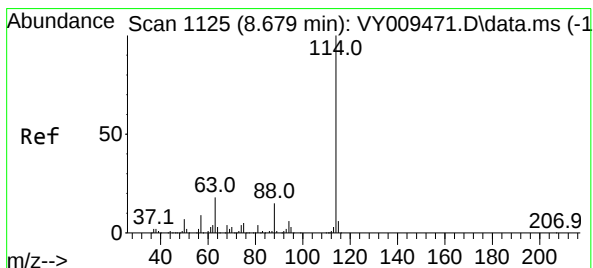
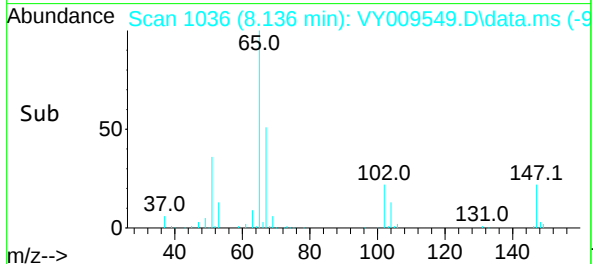
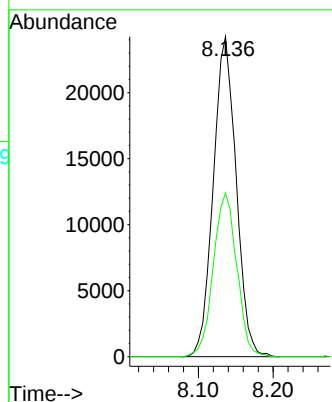
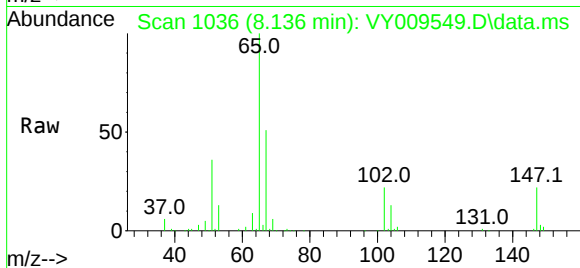
VY0713SBL01

Tgt Ion: 65 Resp: 51555

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009549.D

Acq: 13 Jul 2022 10:22

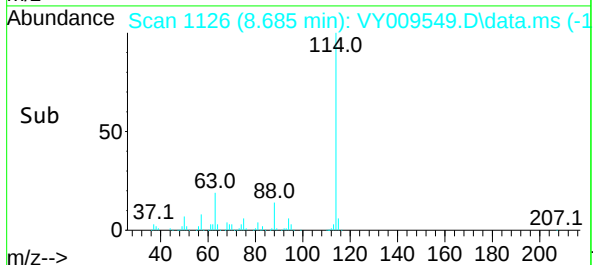
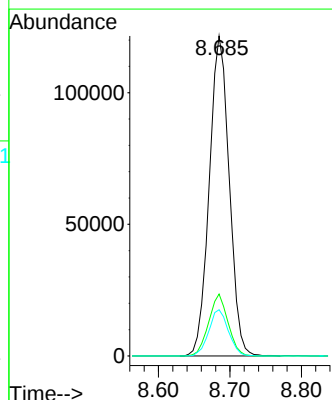
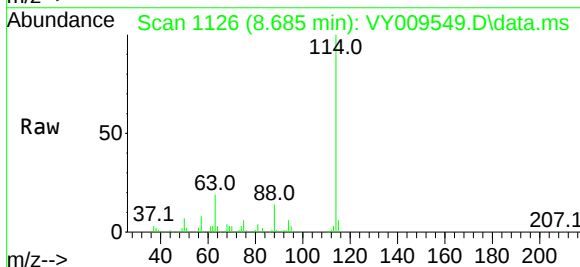
Tgt Ion: 114 Resp: 235423

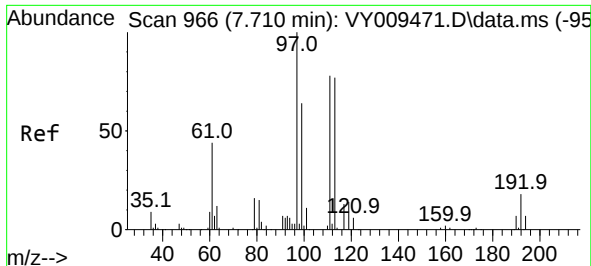
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.4 0.0 31.8

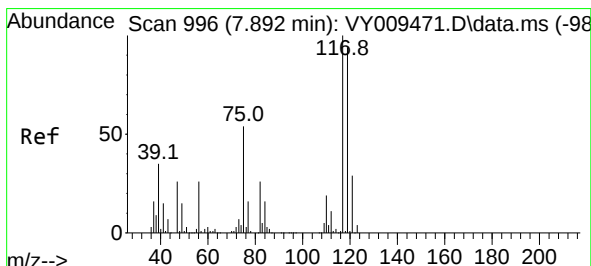
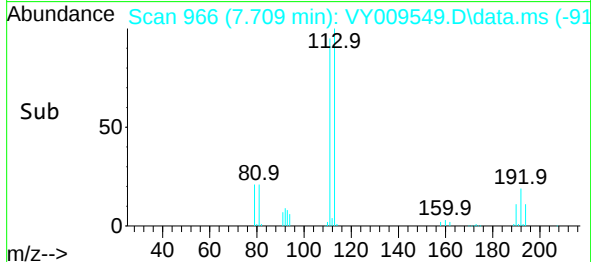
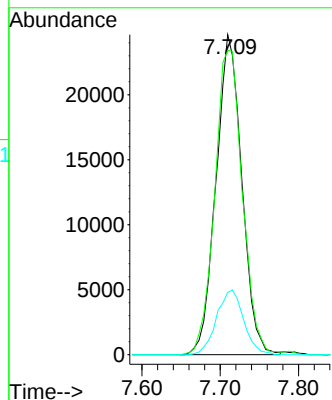
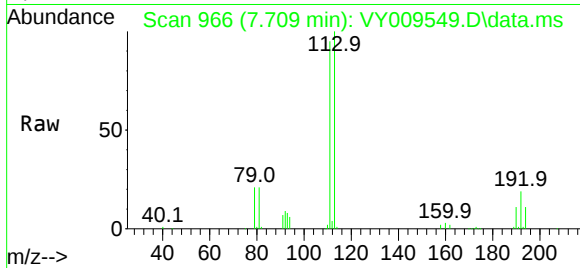




#35
Dibromofluoromethane
Concen: 45.499 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

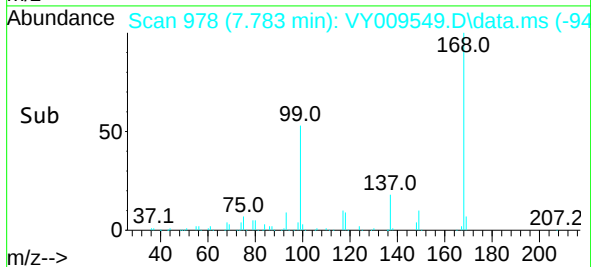
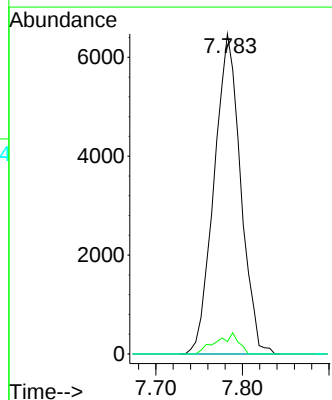
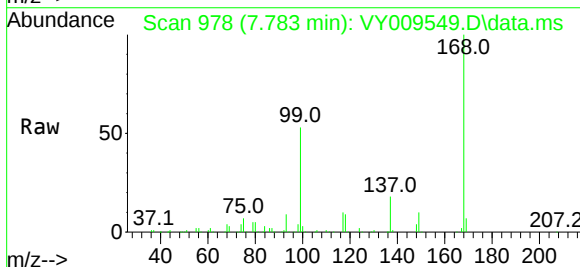
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

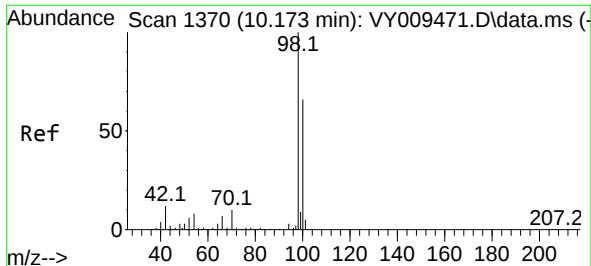
Tgt Ion:113 Resp: 56361
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 21.2 17.6 26.4



#38
Carbon Tetrachloride
Concen: 6.385 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

Tgt Ion:117 Resp: 13772
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#

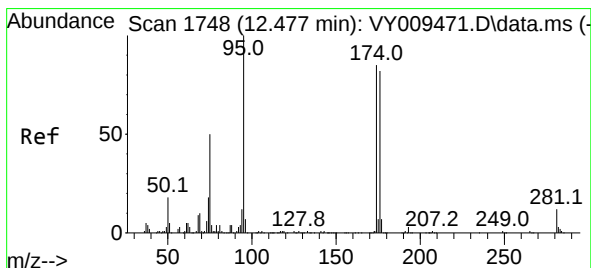
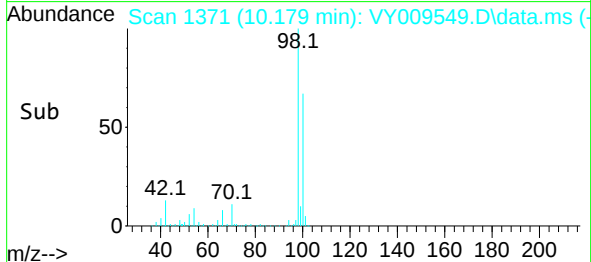
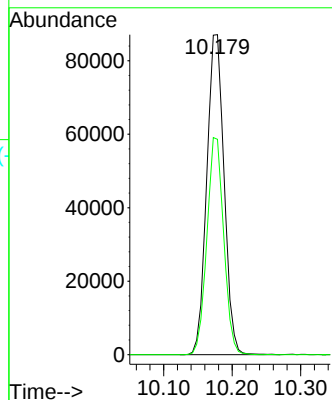
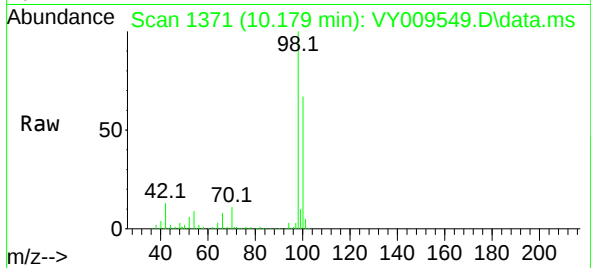




#50
Toluene-d8
Concen: 44.218 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

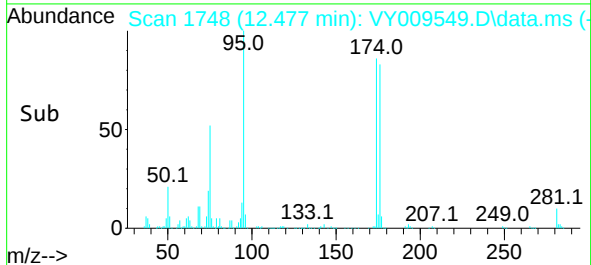
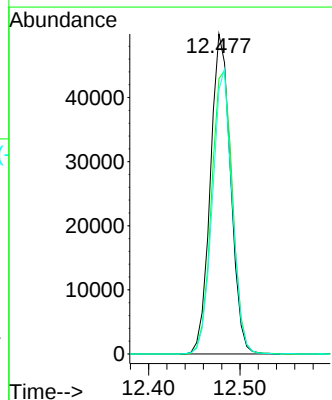
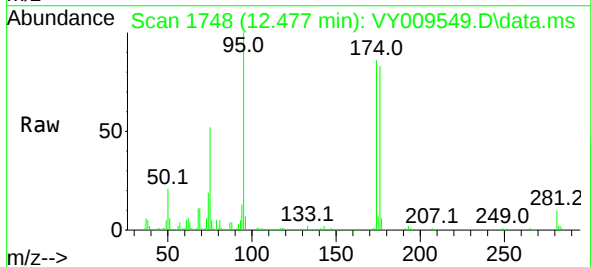
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

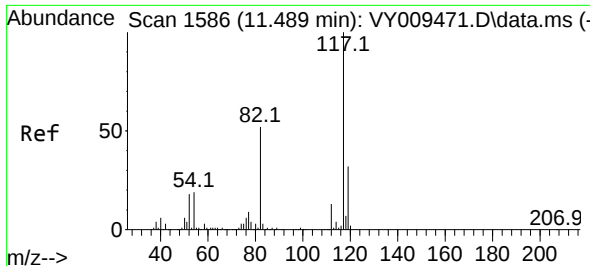
Tgt Ion: 98 Resp: 153366
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.757 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

Tgt Ion: 95 Resp: 76512
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 87.1 0.0 175.8

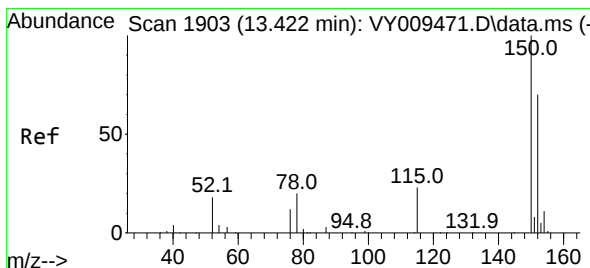
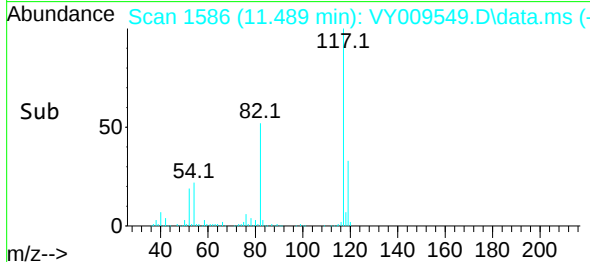
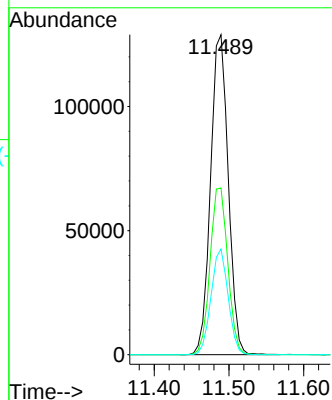
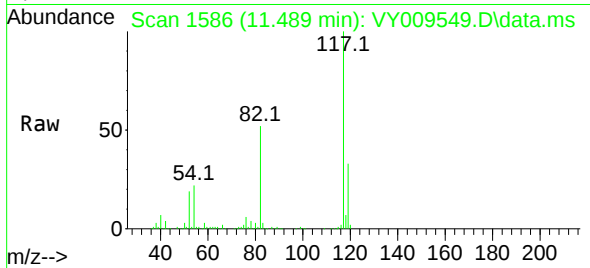




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

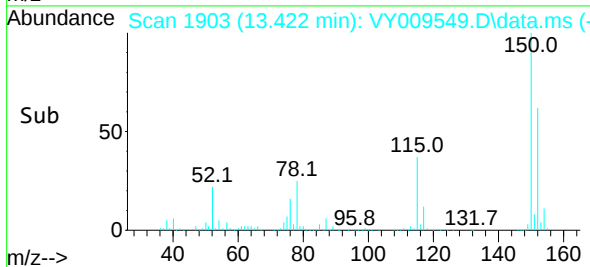
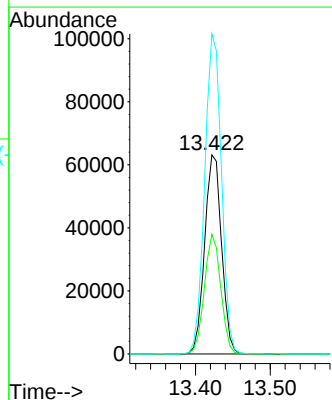
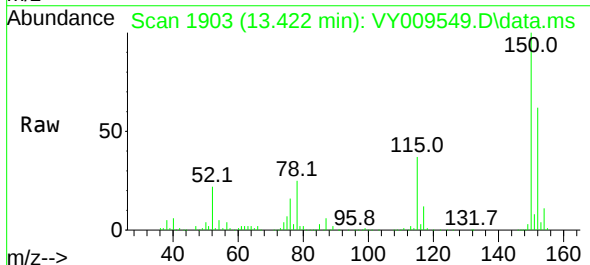
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

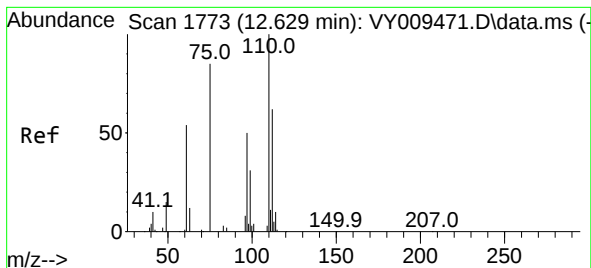
Tgt Ion:117 Resp: 211819
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009549.D
Acq: 13 Jul 2022 10:22

Tgt Ion:152 Resp: 99493
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 158.6 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 38.495 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009549.D

Acq: 13 Jul 2022 10:22

Instrument :

MSVOA_Y

ClientSampleId :

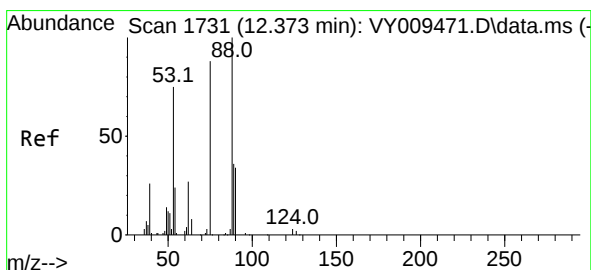
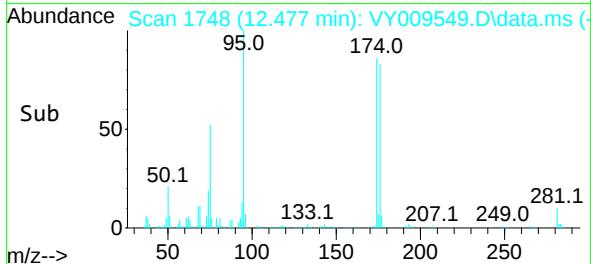
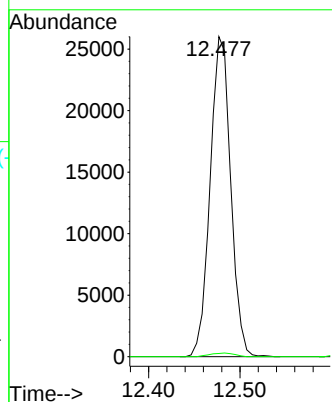
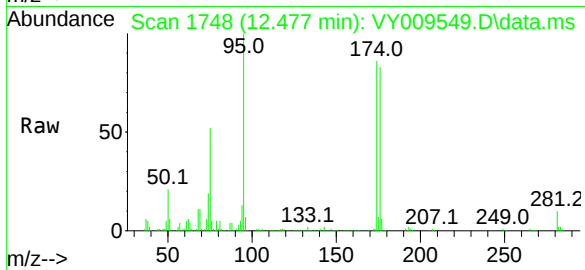
VY0713SBL01

Tgt Ion: 75 Resp: 40543

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.785 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY009549.D

Acq: 13 Jul 2022 10:22

Tgt Ion: 75 Resp: 40543

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.4 37.0 55.4#

