

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009478.D
 Acq On : 08 Jul 2022 13:17
 Operator : KP/MD
 Sample : VD0708SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBL01

Quant Time: Jul 11 02:13:43 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)

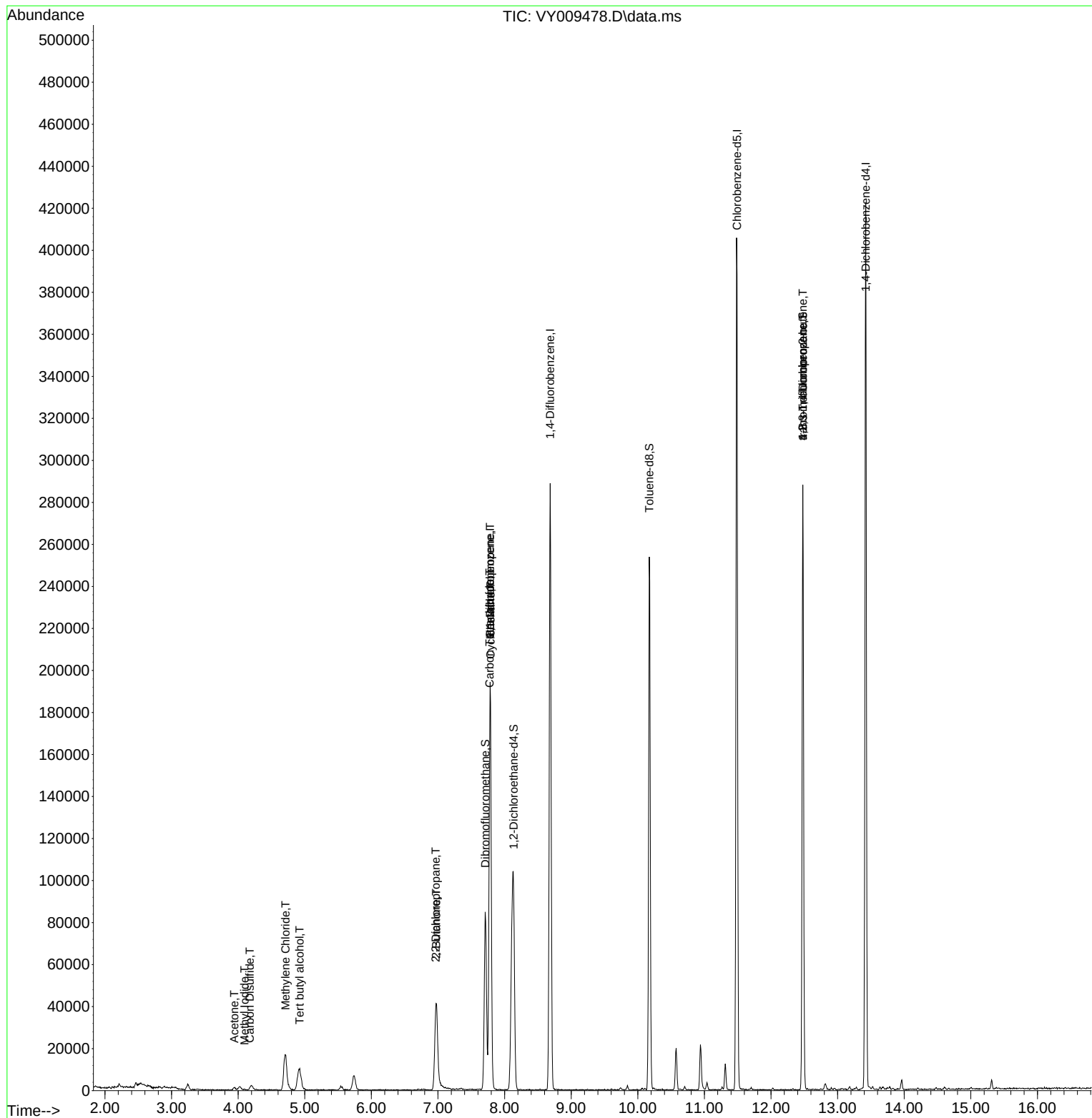
Internal Standards						
1) Pentafluorobenzene	7.783	168	154319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	217894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	103937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	54806	50.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.960%			
35) Dibromofluoromethane	7.710	113	57404	44.848	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.700%			
50) Toluene-d8	10.173	98	159839	44.682	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 89.360%			
62) 4-Bromofluorobenzene	12.477	95	78764	43.593	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 87.180%			
Target Compounds						Qvalue
10) Methyl Iodide	4.094	142	206	4.265	ug/l #	73
11) Tert butyl alcohol	4.924	59	9781	28.552	ug/l #	77
16) Acetone	3.942	43	2165	5.767	ug/l #	72
17) Carbon Disulfide	4.174	76	411	4.511	ug/l #	75
20) Methylene Chloride	4.710	84	12271	2.405	ug/l #	88
23) Vinyl Acetate	6.051	43	29	Below Cal	#	75
25) 2-Butanone	6.972	43	3059	5.037	ug/l #	87
26) 2,2-Dichloropropane	6.966	77	3492	1.361	ug/l #	55
31) Cyclohexane	7.789	56	3048	1.204	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	11580	5.557	ug/l #	50
38) Carbon Tetrachloride	7.777	117	14648	6.573	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	42737	38.843	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42737	79.497	ug/l #	7

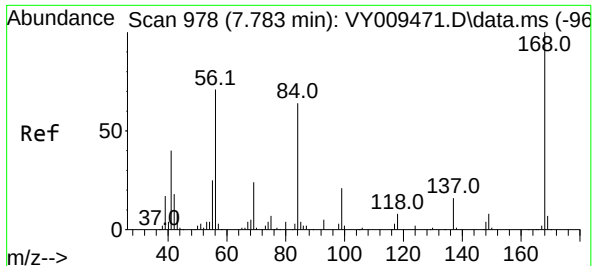
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
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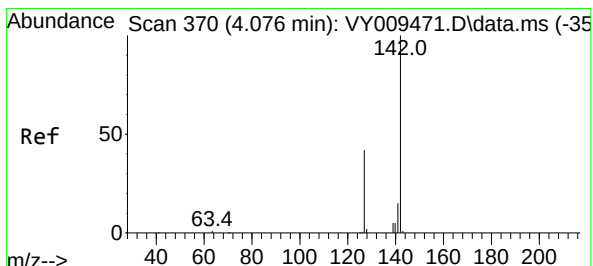
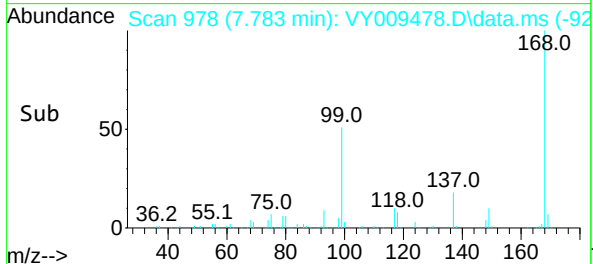
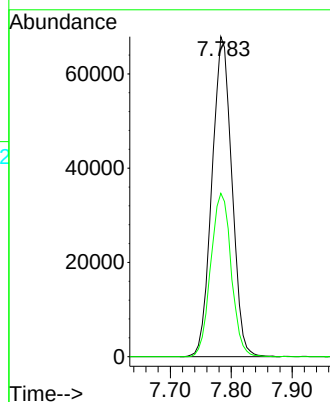
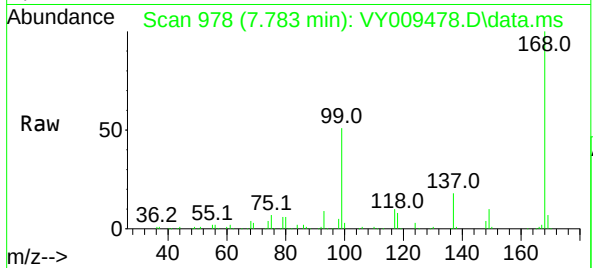




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

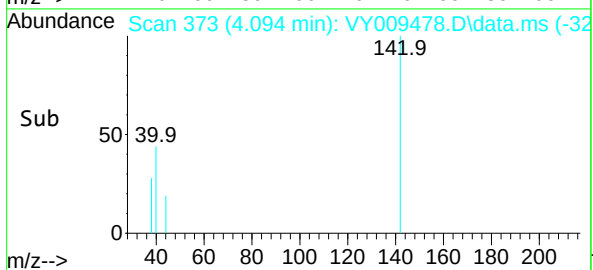
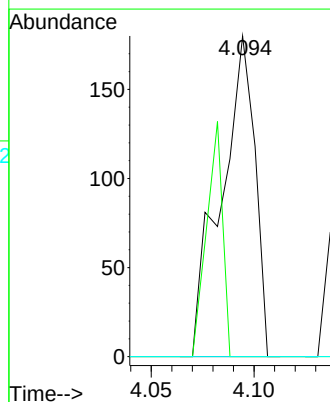
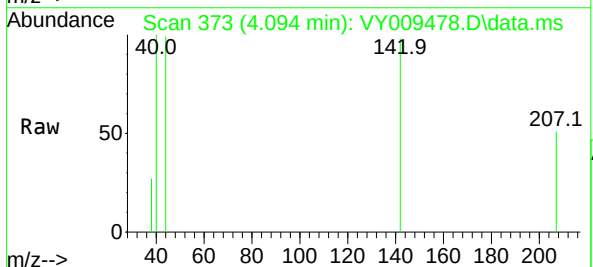
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

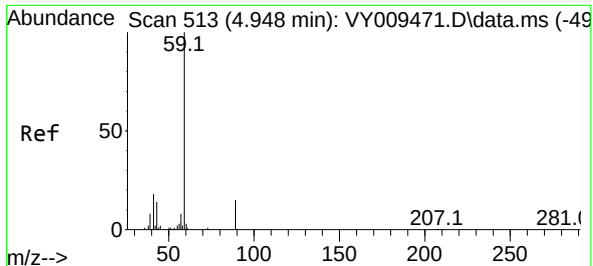
Tgt Ion:168 Resp: 154319
Ion Ratio Lower Upper
168 100
99 51.1 46.9 70.3



#10
Methyl Iodide
Concen: 4.265 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

Tgt Ion:142 Resp: 206
Ion Ratio Lower Upper
142 100
127 35.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 28.552 ug/l

RT: 4.924 min Scan# 50

Delta R.T. -0.024 min

Lab File: VY009478.D

Acq: 08 Jul 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

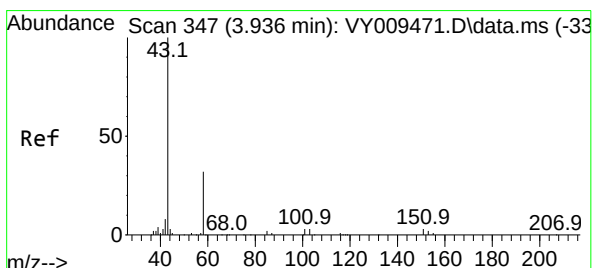
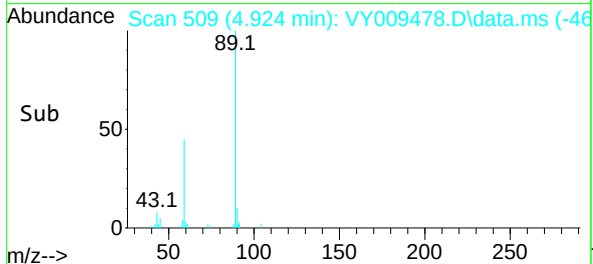
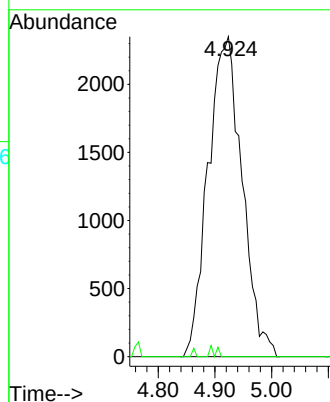
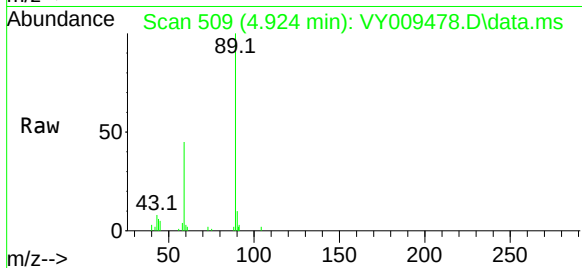
VY0708SBL01

Tgt Ion: 59 Resp: 9781

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.767 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009478.D

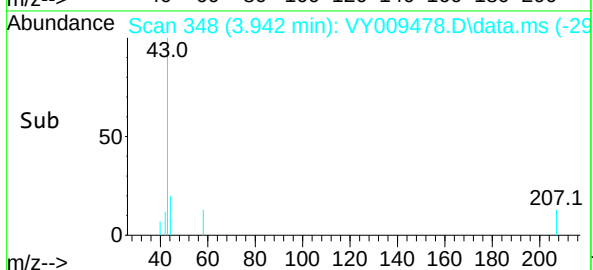
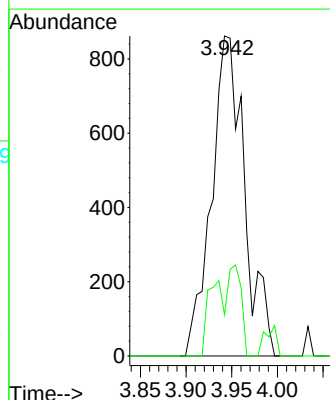
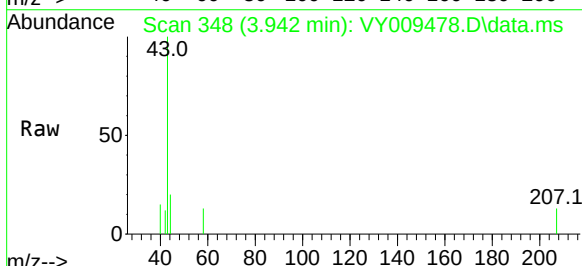
Acq: 08 Jul 2022 13:17

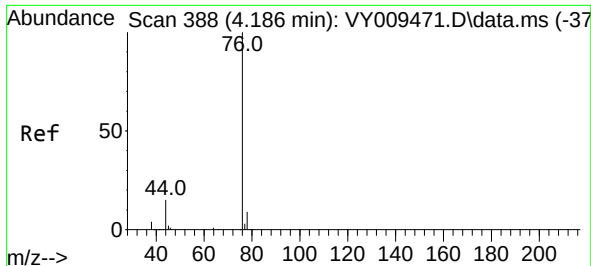
Tgt Ion: 43 Resp: 2165

Ion Ratio Lower Upper

43 100

58 12.9 22.0 33.0#

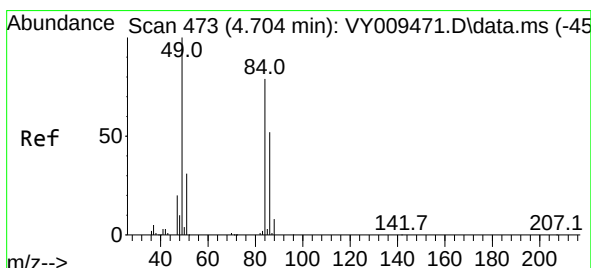
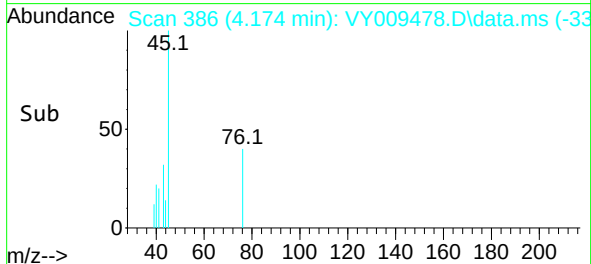
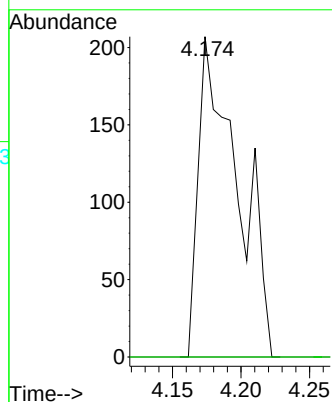
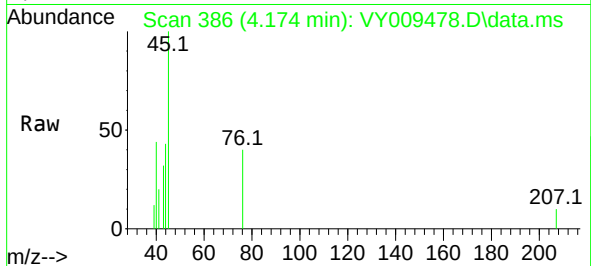




#17
Carbon Disulfide
Concen: 4.511 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.012 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

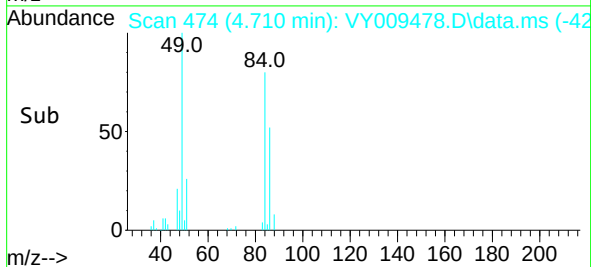
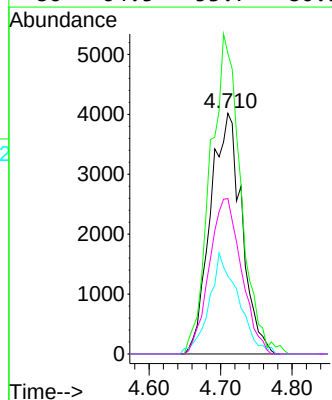
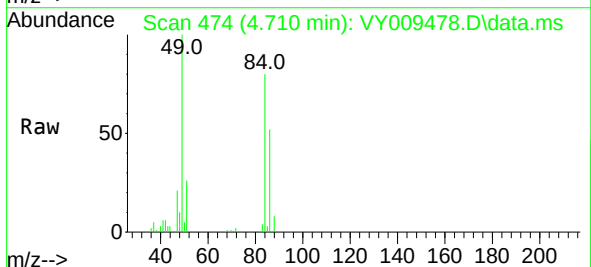
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

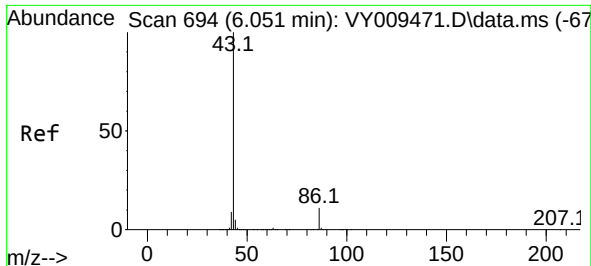
Tgt Ion: 76 Resp: 411
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: 2.405 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

Tgt Ion: 84 Resp: 12271
Ion Ratio Lower Upper
84 100
49 124.9 114.4 171.6
51 32.4 35.3 52.9#
86 64.5 53.7 80.5

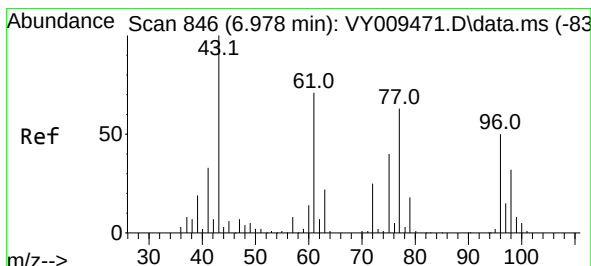
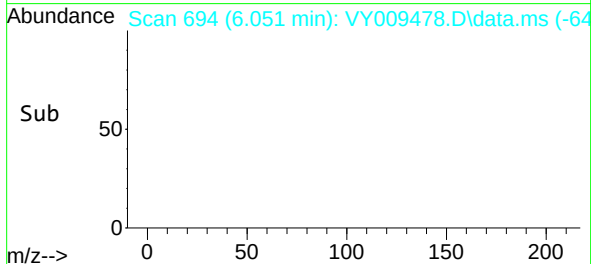
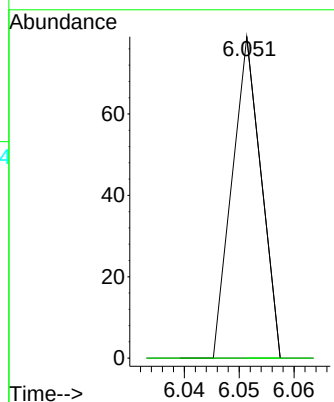
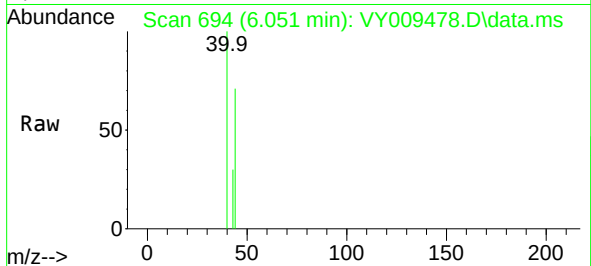




#23
 Vinyl Acetate
 Concen: Below Cal
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009478.D
 Acq: 08 Jul 2022 13:17

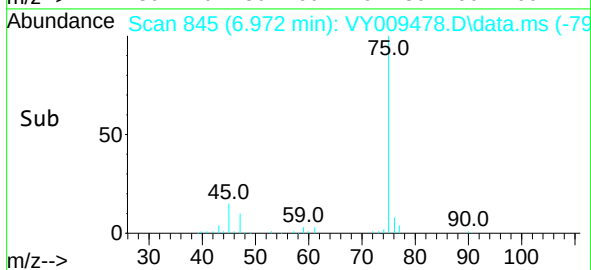
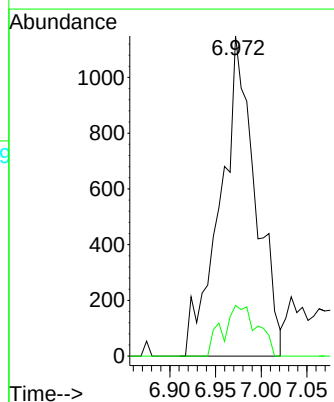
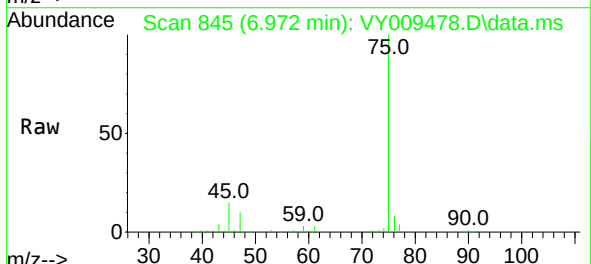
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0708SBL01

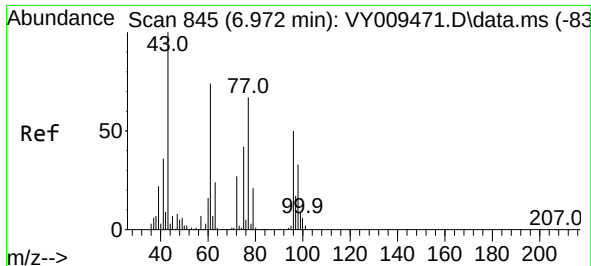
Tgt Ion: 43 Resp: 29
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 5.037 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. -0.006 min
 Lab File: VY009478.D
 Acq: 08 Jul 2022 13:17

Tgt Ion: 43 Resp: 3059
 Ion Ratio Lower Upper
 43 100
 72 15.8 17.7 26.5#

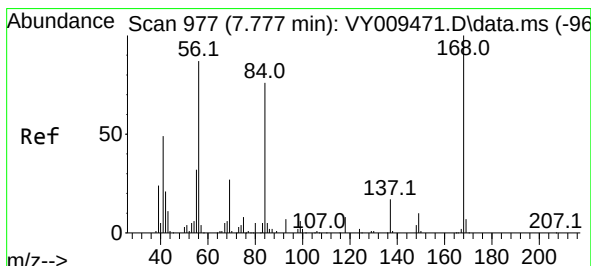
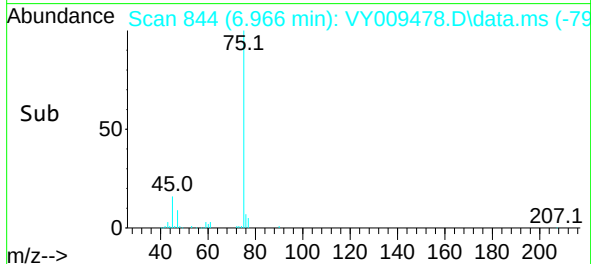
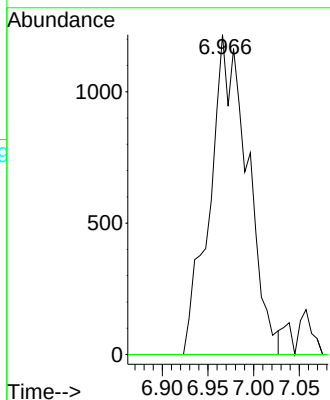
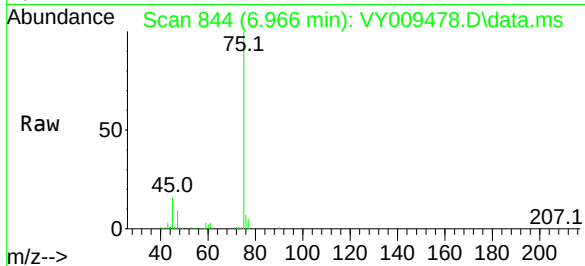




#26
2,2-Dichloropropane
Concen: 1.361 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

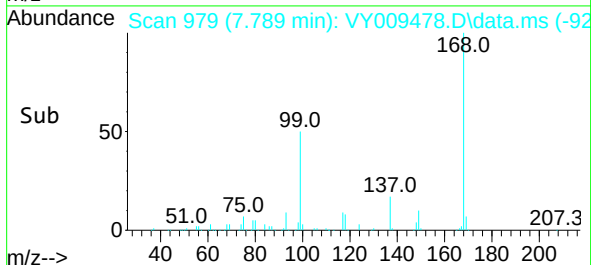
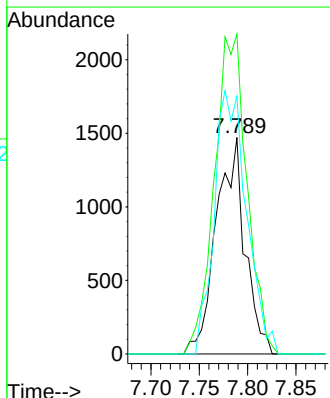
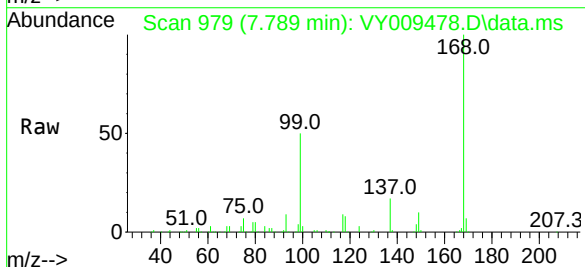
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

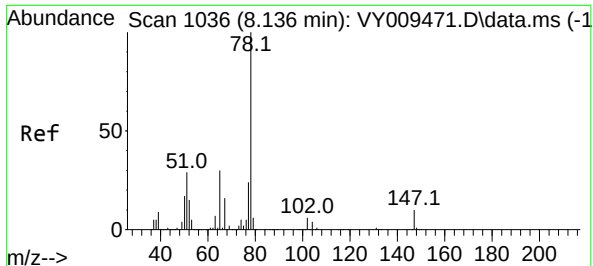
Tgt Ion: 77 Resp: 3492
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

Tgt Ion: 56 Resp: 3048
Ion Ratio Lower Upper
56 100
69 147.9 26.7 40.1#
84 119.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.479 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009478.D

Acq: 08 Jul 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

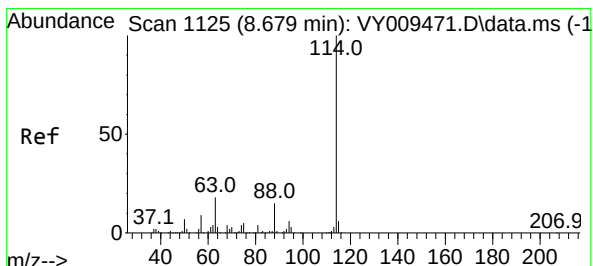
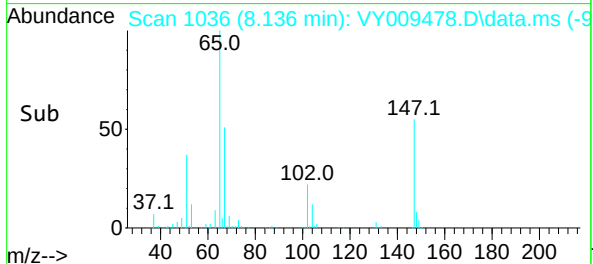
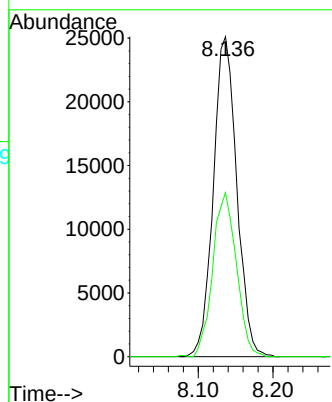
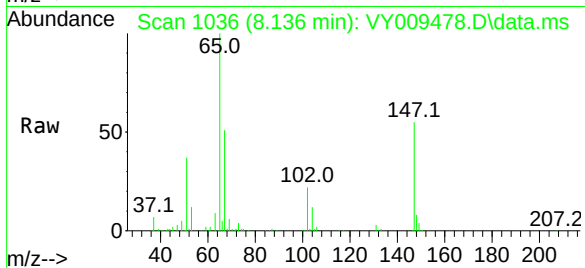
VY0708SBL01

Tgt Ion: 65 Resp: 54806

Ion Ratio Lower Upper

65 100

67 51.6 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: VY009478.D

Acq: 08 Jul 2022 13:17

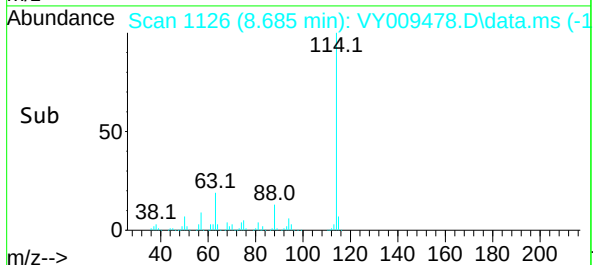
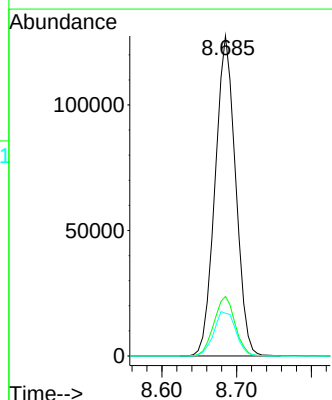
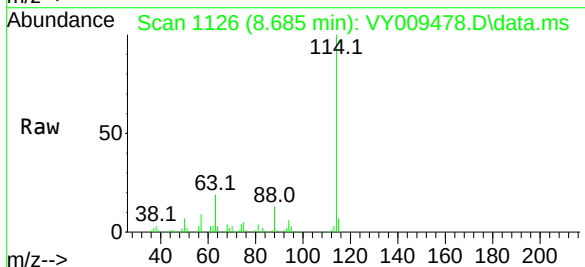
Tgt Ion: 114 Resp: 243263

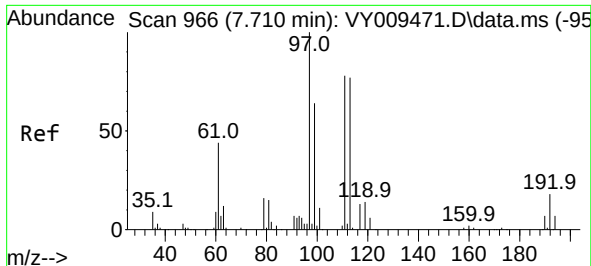
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

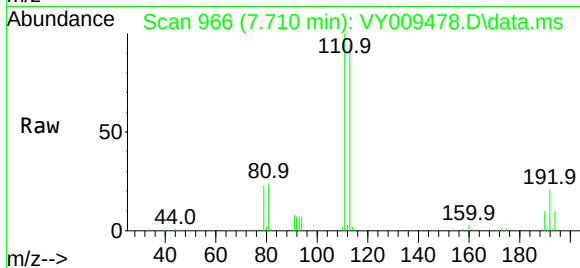
88 13.3 0.0 31.8



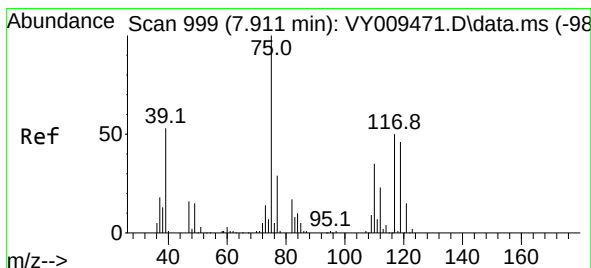
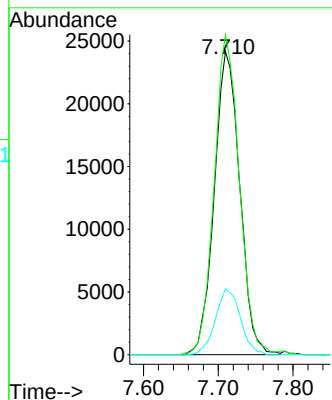
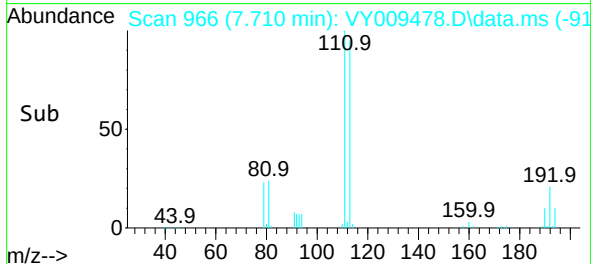


#35
Dibromofluoromethane
Concen: 44.848 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

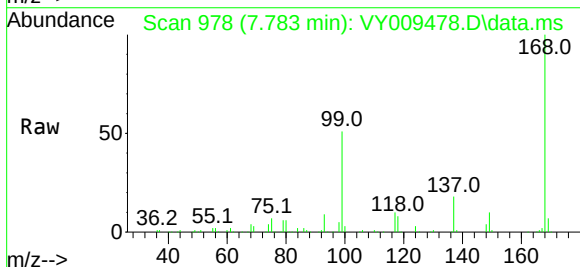
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01



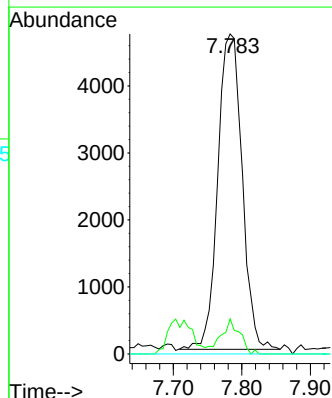
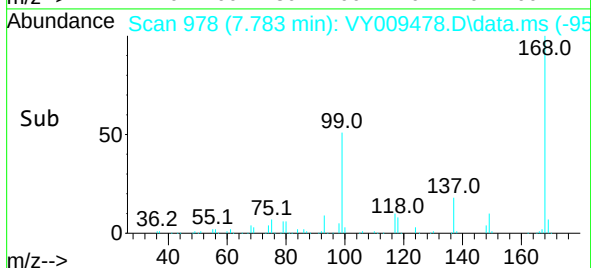
Tgt Ion:113 Resp: 57404
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 21.2 17.6 26.4

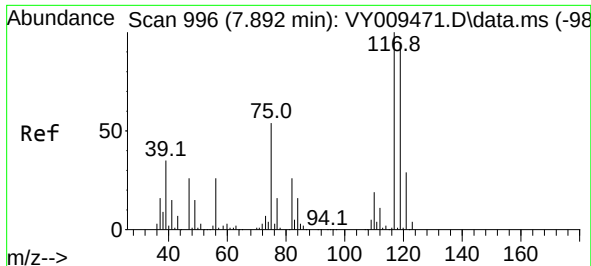


#36
1,1-Dichloropropene
Concen: 5.557 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17



Tgt Ion: 75 Resp: 11580
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

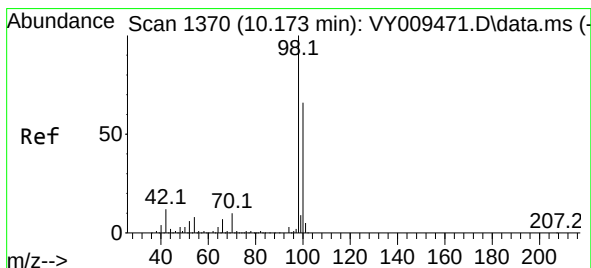
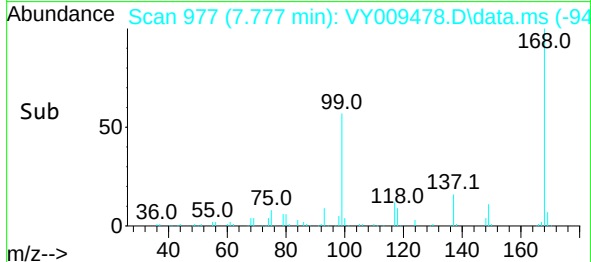
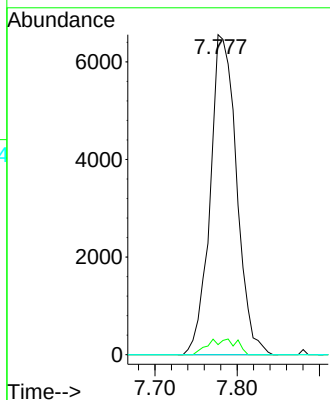
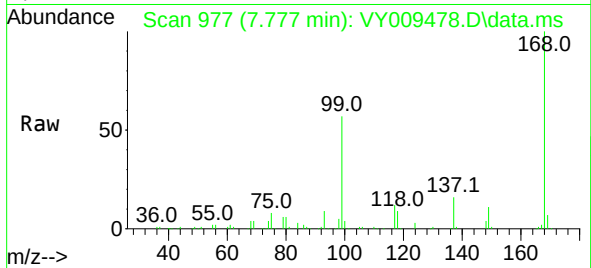




#38
Carbon Tetrachloride
Concen: 6.573 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

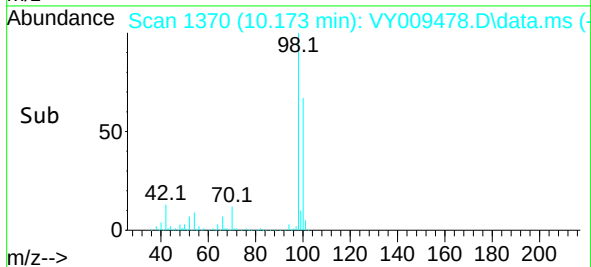
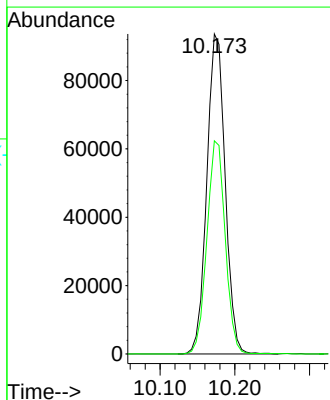
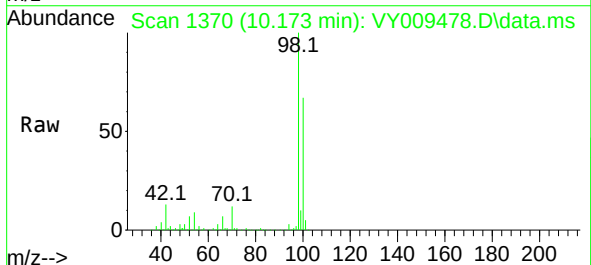
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

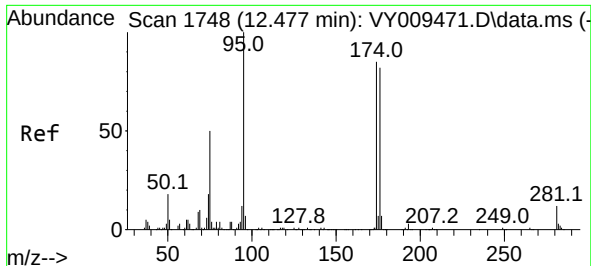
Tgt Ion:117 Resp: 14648
Ion Ratio Lower Upper
117 100
119 3.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 44.682 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

Tgt Ion: 98 Resp: 159839
Ion Ratio Lower Upper
98 100
100 66.6 50.2 75.2

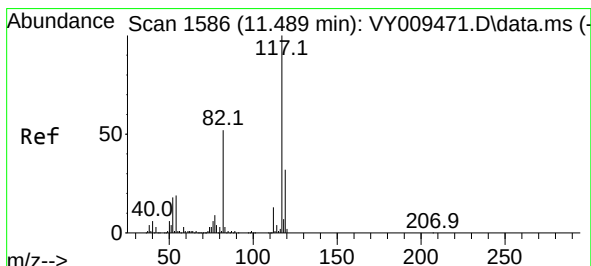
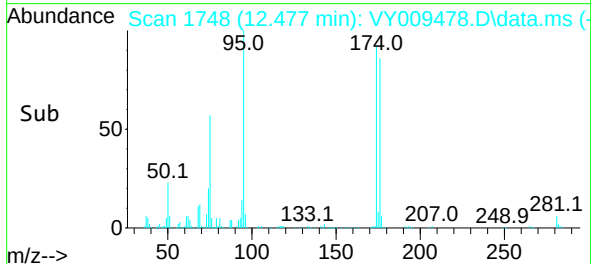
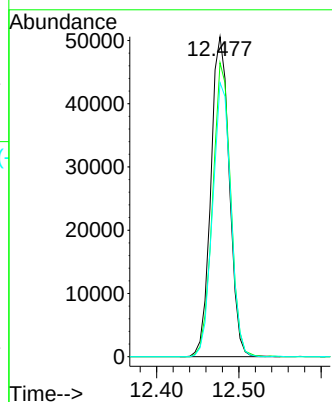
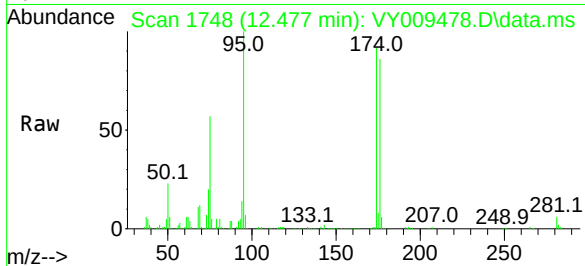




#62
4-Bromofluorobenzene
Concen: 43.593 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

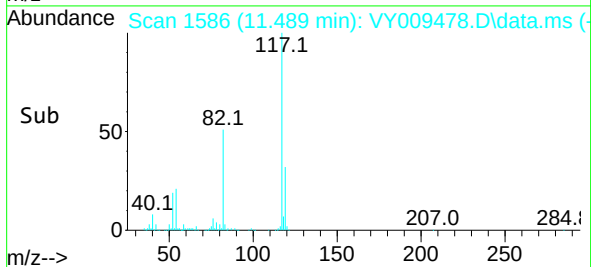
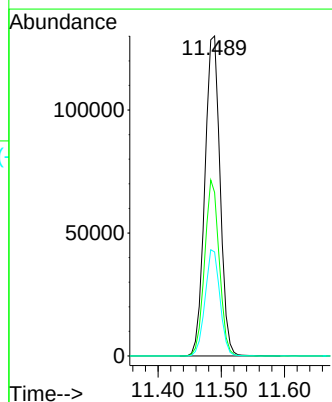
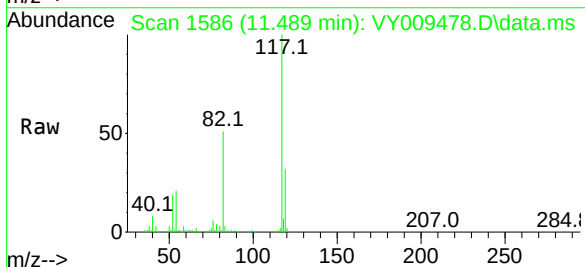
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

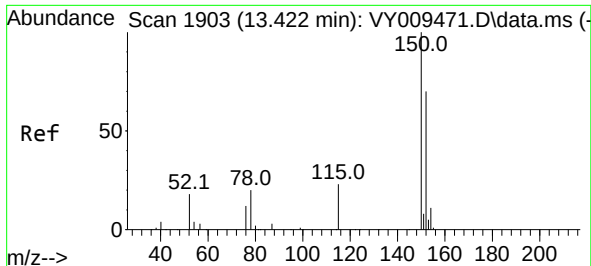
Tgt Ion: 95 Resp: 78764
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

Tgt Ion: 117 Resp: 217894
Ion Ratio Lower Upper
117 100
82 51.1 43.0 64.4
119 32.5 25.4 38.0

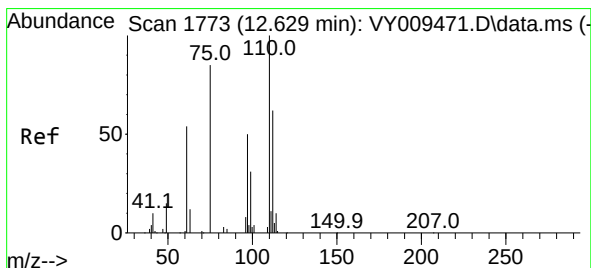
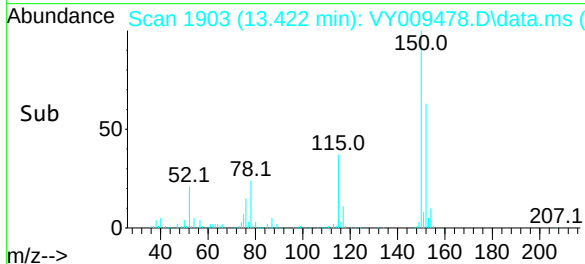
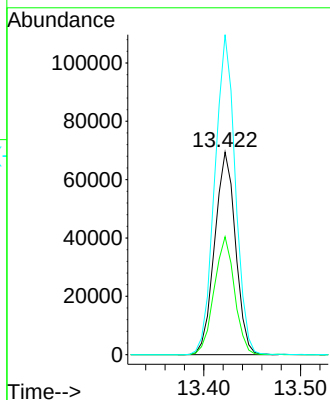
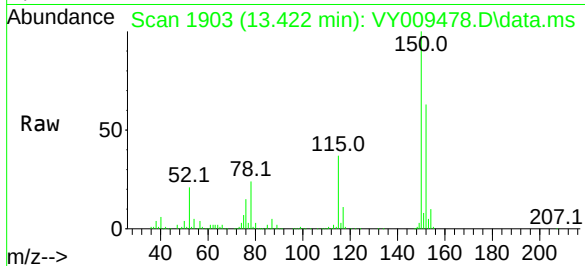




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

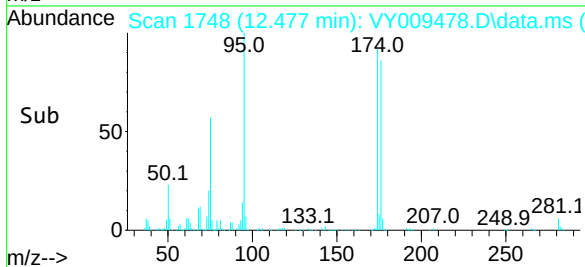
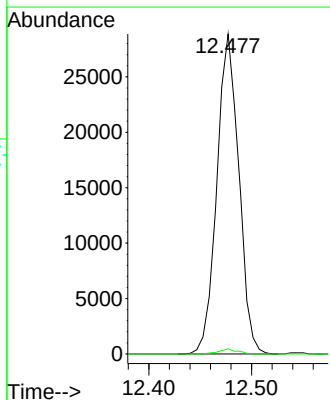
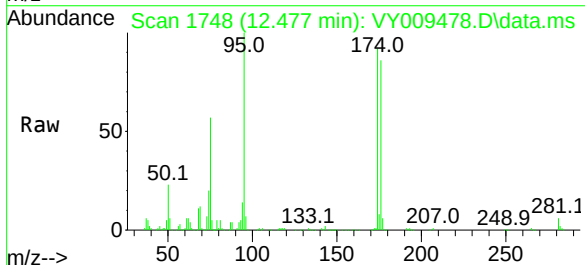
Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01

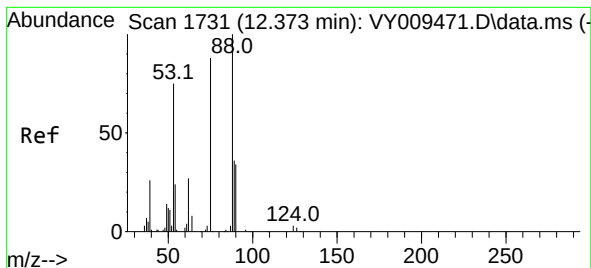
Tgt Ion:152 Resp: 103937
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 38.843 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

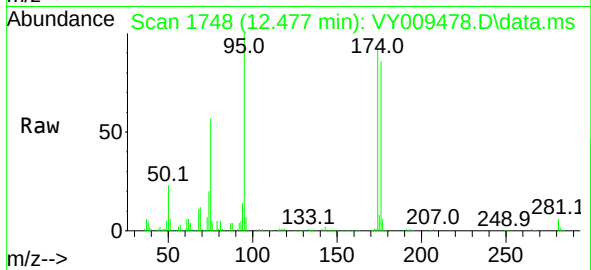
Tgt Ion: 75 Resp: 42737
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 79.497 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009478.D
Acq: 08 Jul 2022 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0708SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.3	37.0	55.4#

