

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009729.D
 Acq On : 27 Jul 2022 17:02
 Operator : KP/MD
 Sample : N3912-01
 Misc : 4.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6601-S

Quant Time: Jul 28 02:46:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

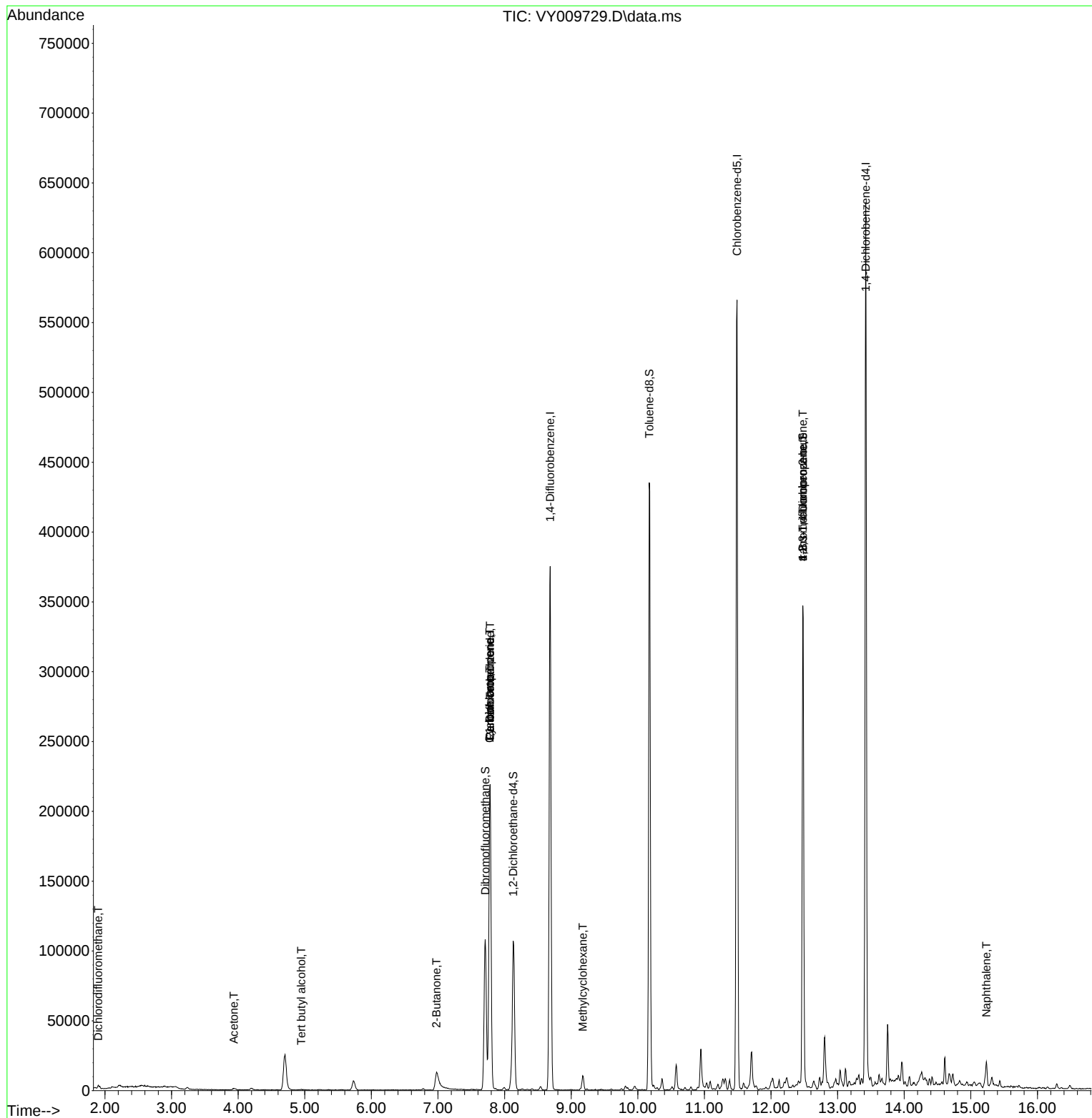
Internal Standards						
1) Pentafluorobenzene	7.783	168	181276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	330774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	163022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	75961	64.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.900%	
35) Dibromofluoromethane	7.710	113	77196	42.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.540%	
50) Toluene-d8	10.173	98	290812	55.812	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 111.620%	
62) 4-Bromofluorobenzene	12.477	95	95970	40.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 80.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	1667	1.033	ug/l	92
11) Tert butyl alcohol	4.948	59	611	2.620	ug/l #	77
16) Acetone	3.936	43	2019	4.658	ug/l	92
18) Methyl Acetate	4.466	43	42	Below Cal	#	56
20) Methylene Chloride	4.704	84	19678	Below Cal	#	79
25) 2-Butanone	6.978	43	1030	1.611	ug/l #	54
31) Cyclohexane	7.777	56	4588	1.591	ug/l #	15
36) 1,1-Dichloropropene	7.777	75	12129	4.129	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16405	5.212	ug/l #	15
39) Methylcyclohexane	9.173	83	3952	1.086	ug/l	92
76) 1,2,3-Trichloropropane	12.477	75	49687	32.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49687	65.406	ug/l #	7
95) Naphthalene	15.233	128	14708	2.562	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009729.D
Acq On : 27 Jul 2022 17:02
Operator : KP/MD
Sample : N3912-01
Misc : 4.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
6601-S

Quant Time: Jul 28 02:46:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 2022
Response via : Initial Calibration

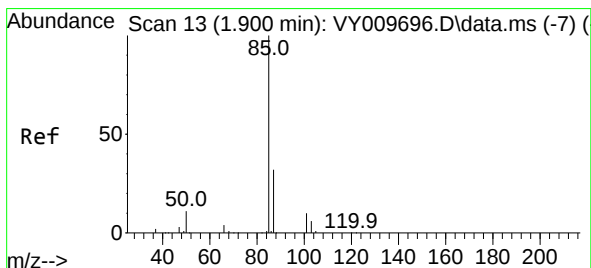
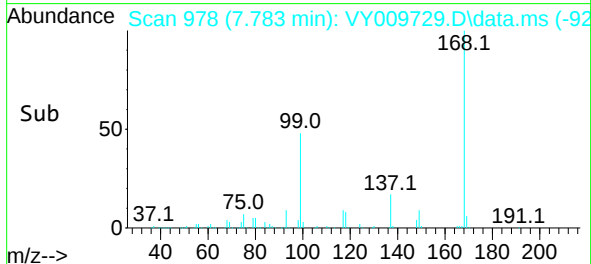
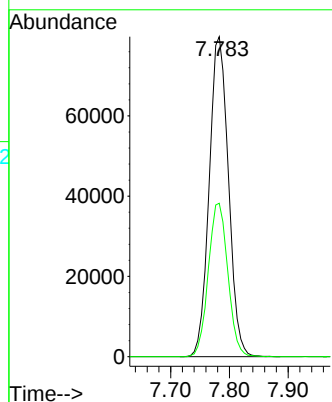
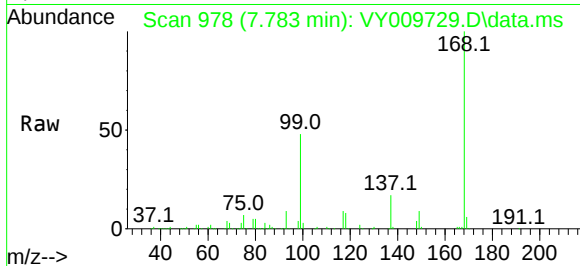




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

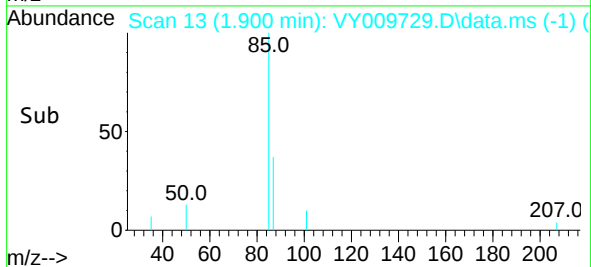
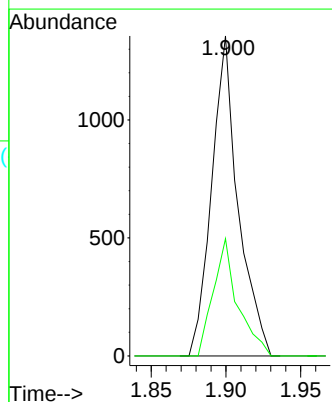
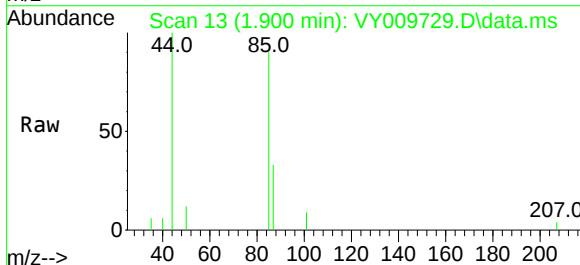
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

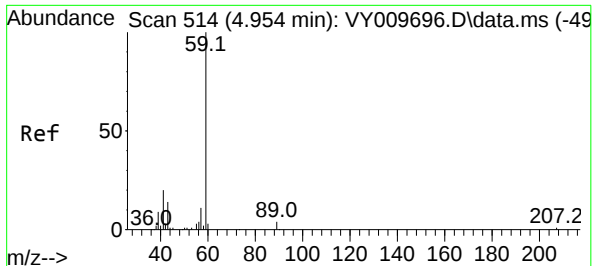
Tgt Ion:168 Resp: 181276
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.033 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 85 Resp: 1667
Ion Ratio Lower Upper
85 100
87 36.7 16.1 48.2

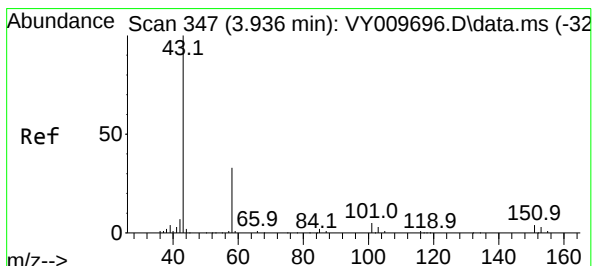
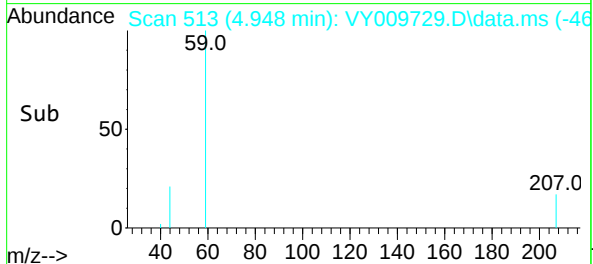
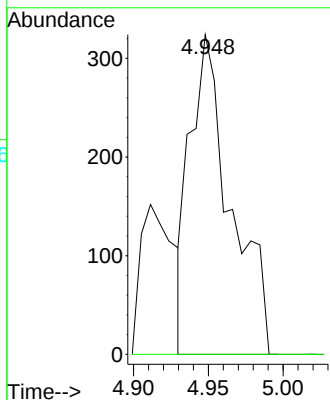
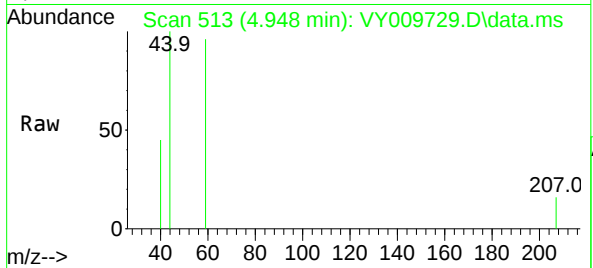




#11
Tert butyl alcohol
Concen: 2.620 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

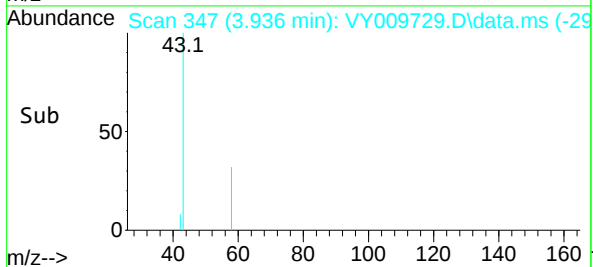
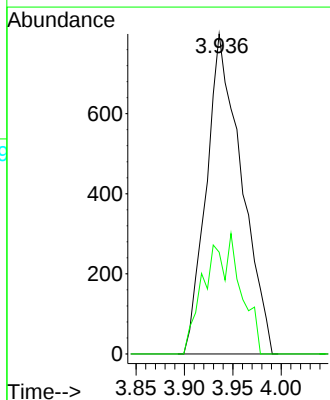
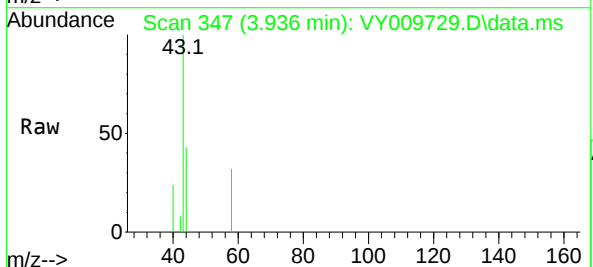
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

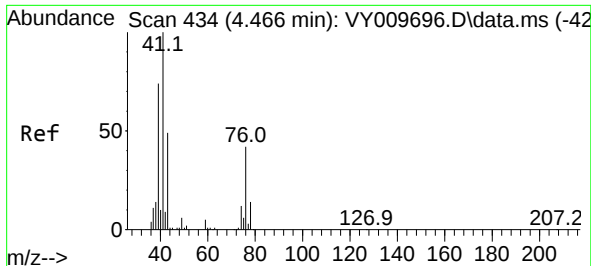
Tgt Ion: 59 Resp: 611
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 4.658 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 43 Resp: 2019
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0

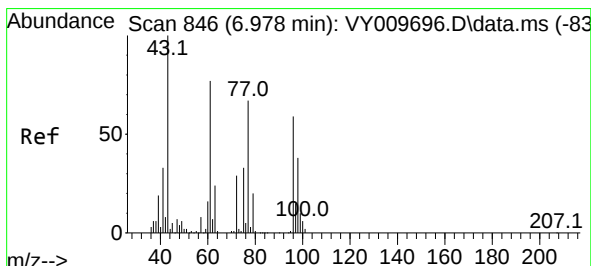
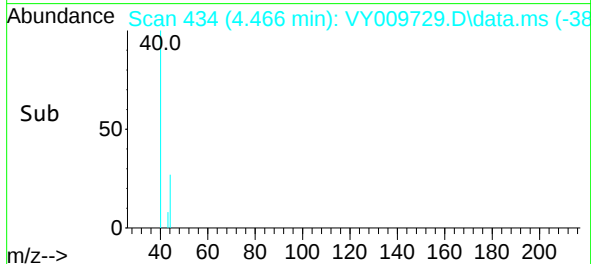
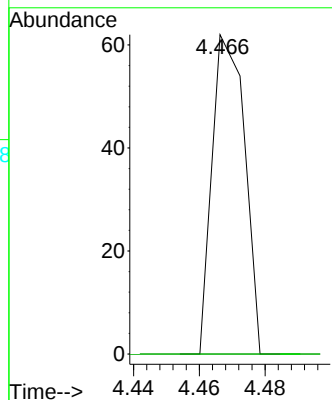
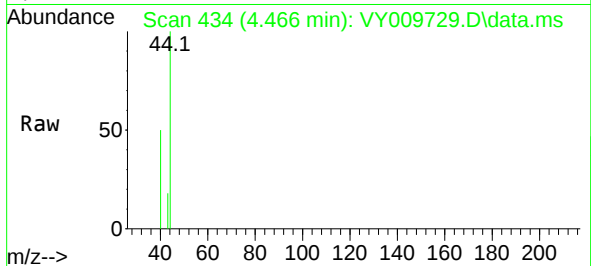




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

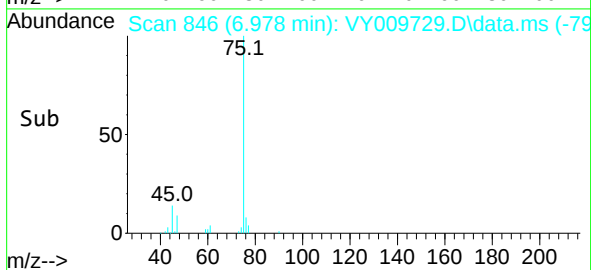
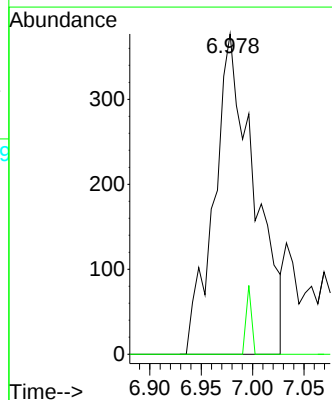
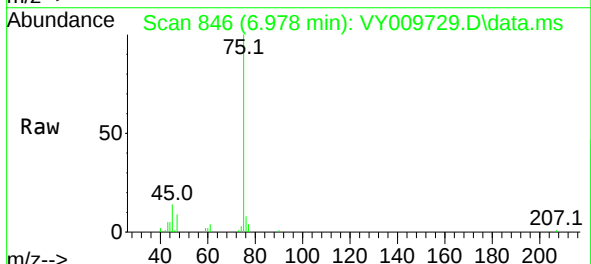
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

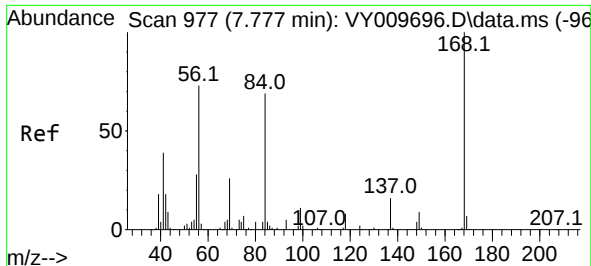
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.611 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

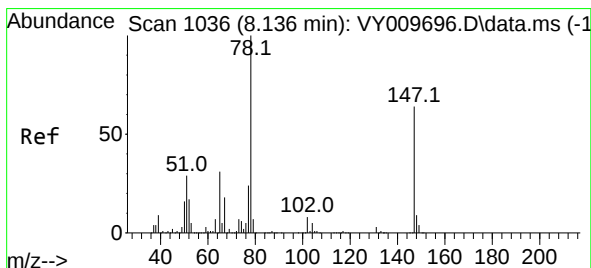
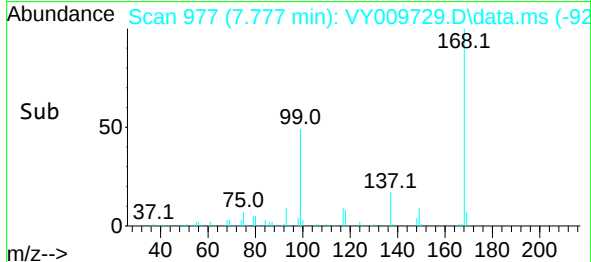
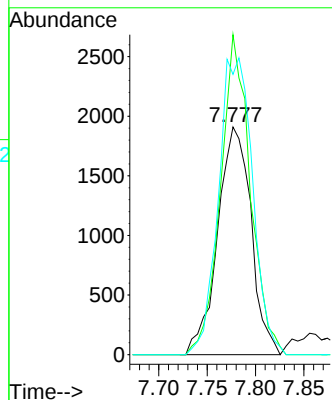
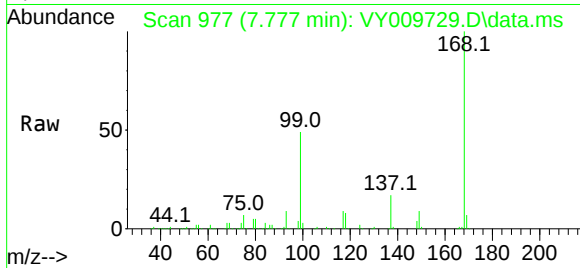




#31
Cyclohexane
Concen: 1.591 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

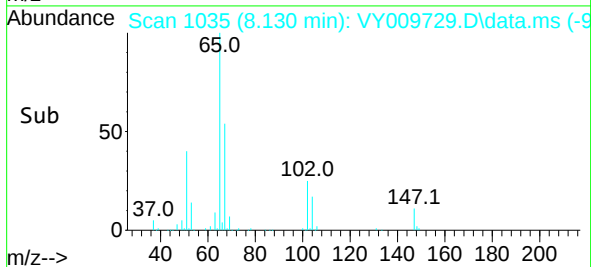
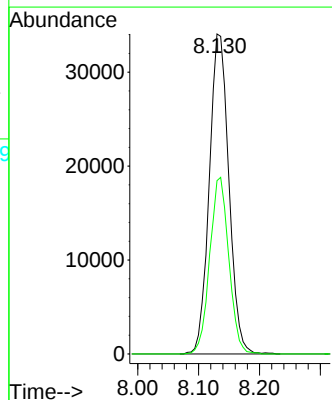
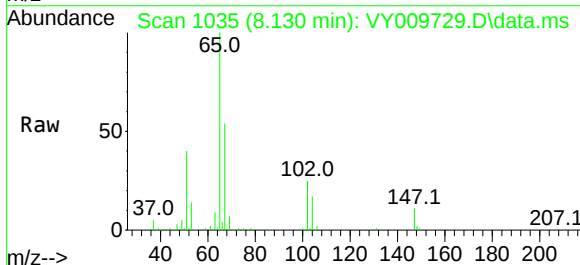
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

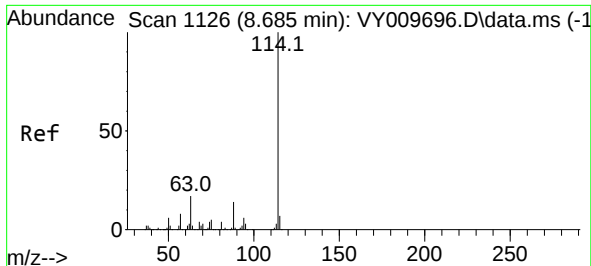
Tgt Ion: 56 Resp: 4588
Ion Ratio Lower Upper
56 100
69 140.6 26.7 40.1#
84 123.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.447 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 65 Resp: 75961
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009729.D

Acq: 27 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

6601-S

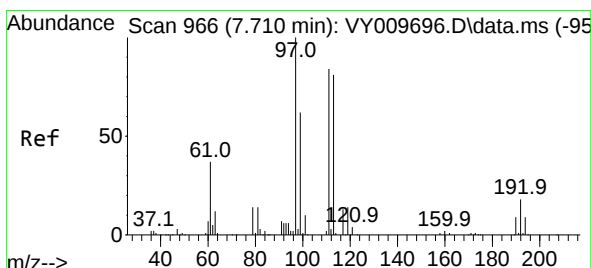
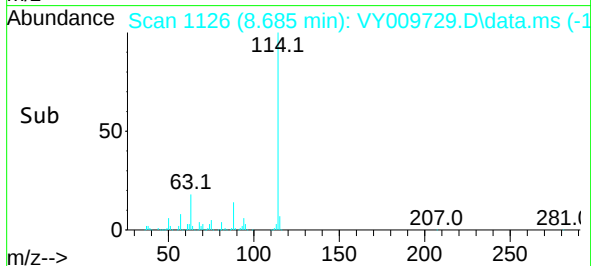
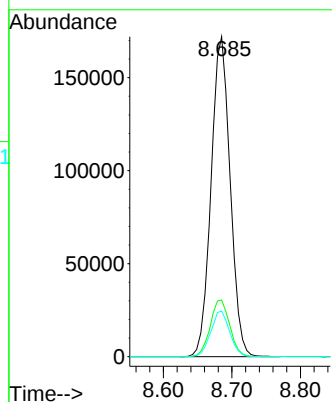
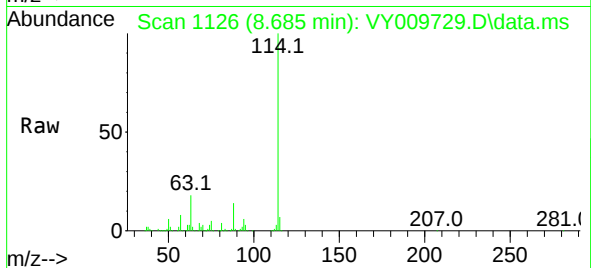
Tgt Ion:114 Resp: 331893

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.766 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009729.D

Acq: 27 Jul 2022 17:02

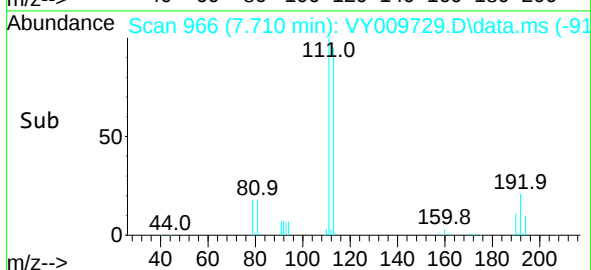
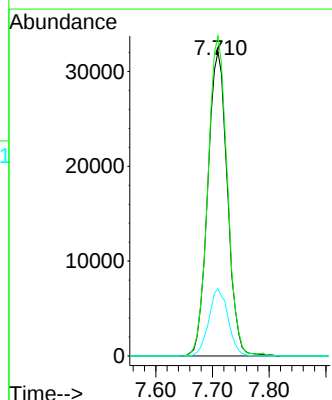
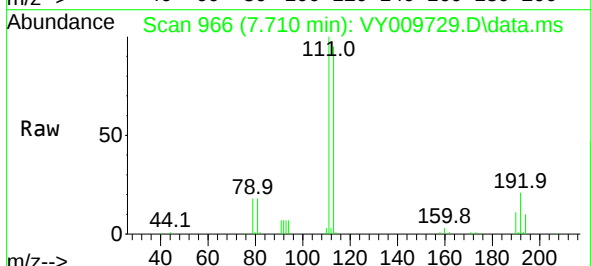
Tgt Ion:113 Resp: 77196

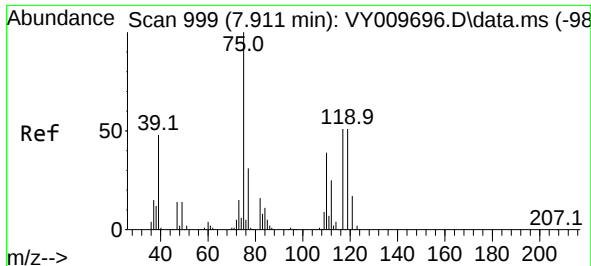
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 21.8 17.6 26.4

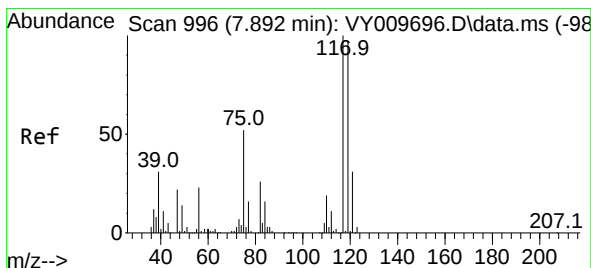
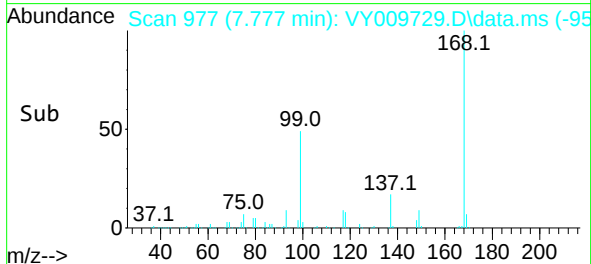
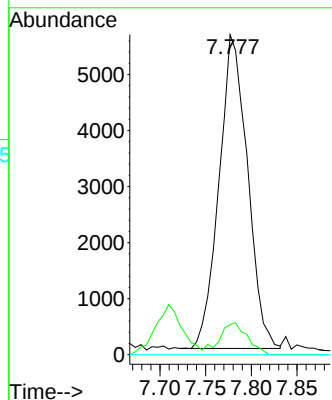
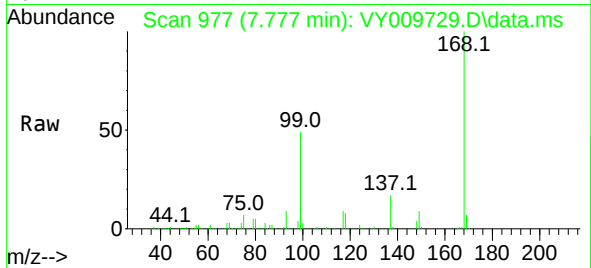




#36
1,1-Dichloropropene
Concen: 4.129 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

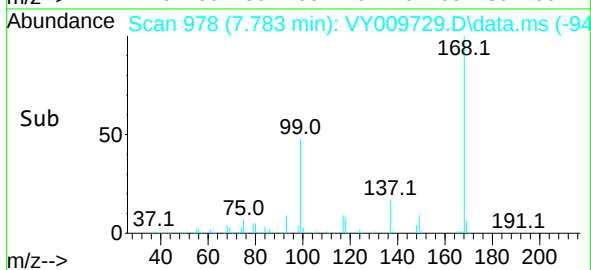
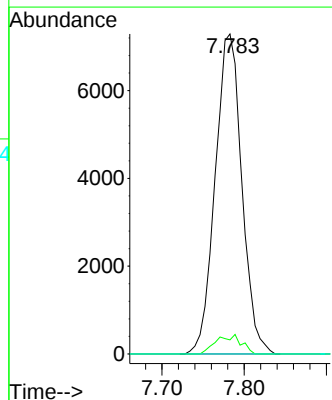
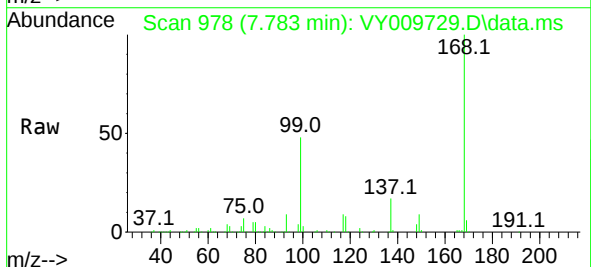
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

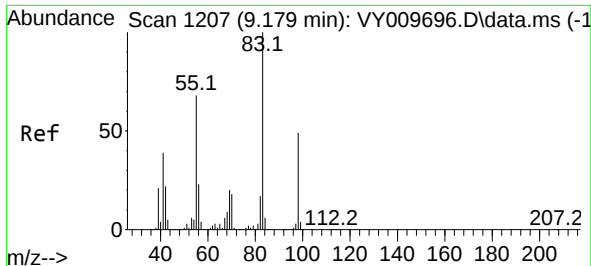
Tgt Ion: 75 Resp: 12129
Ion Ratio Lower Upper
75 100
110 9.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.212 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 117 Resp: 16405
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.086 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009729.D

Acq: 27 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

6601-S

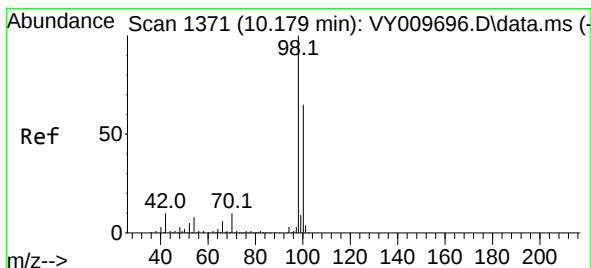
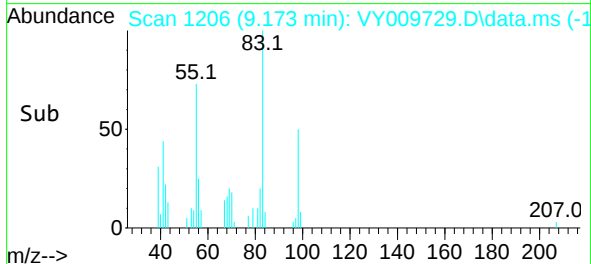
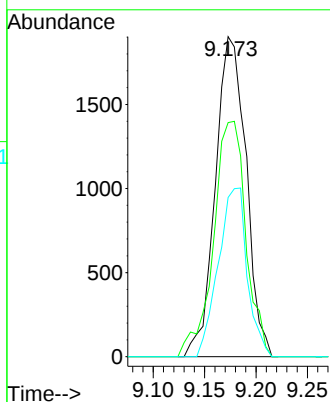
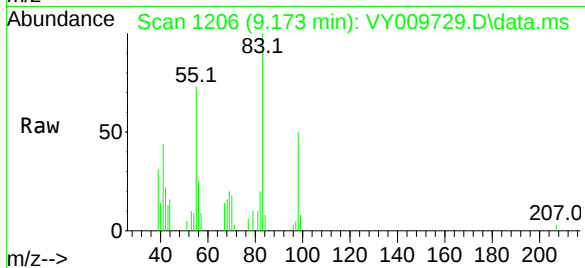
Tgt Ion: 83 Resp: 3952

Ion Ratio Lower Upper

83 100

55 73.1 66.5 99.7

98 49.8 37.9 56.9



#50

Toluene-d8

Concen: 55.812 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009729.D

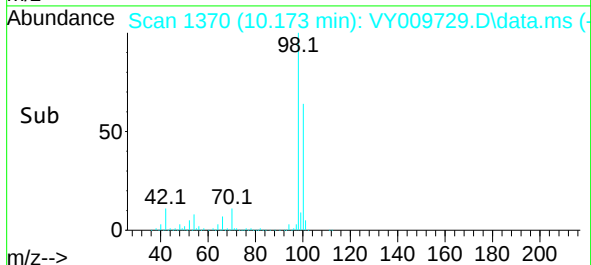
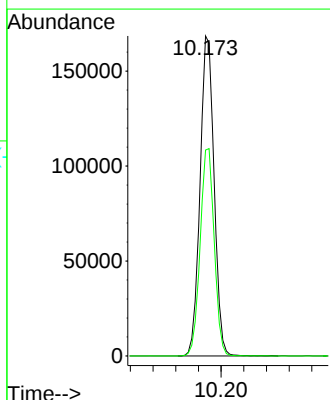
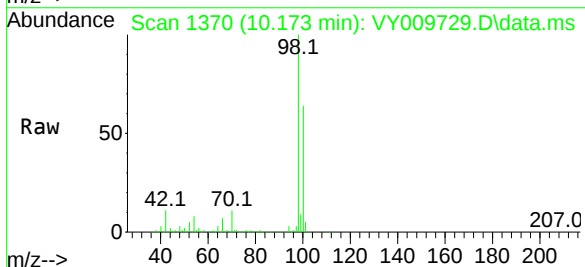
Acq: 27 Jul 2022 17:02

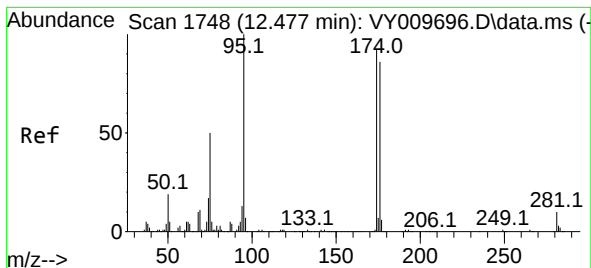
Tgt Ion: 98 Resp: 290812

Ion Ratio Lower Upper

98 100

100 64.9 50.2 75.2

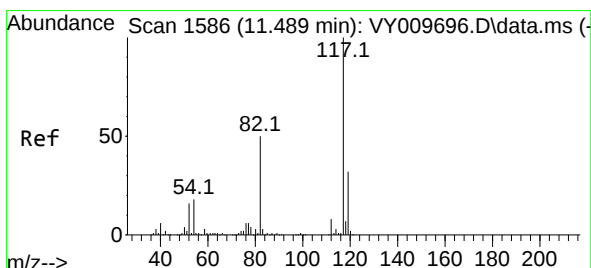
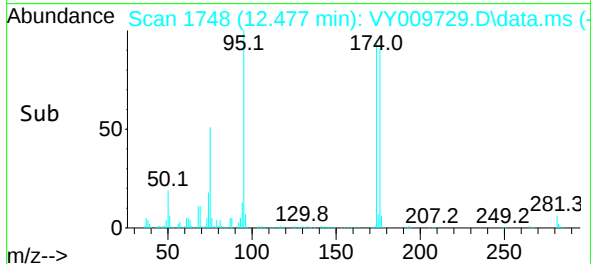
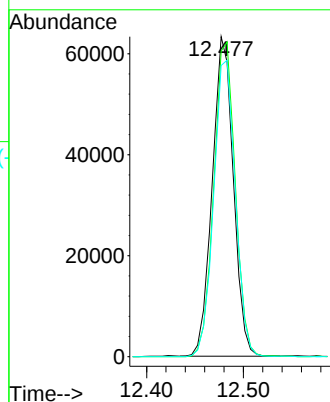
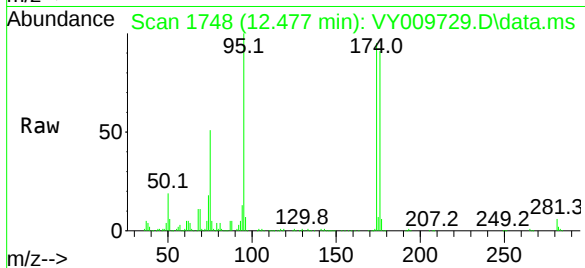




#62
4-Bromofluorobenzene
Concen: 40.096 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

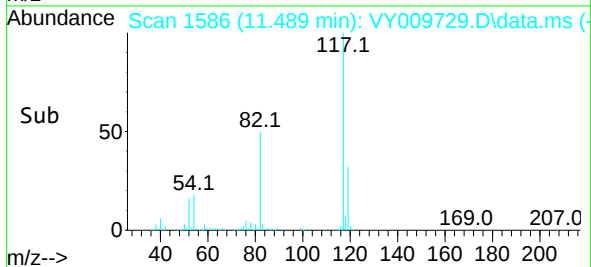
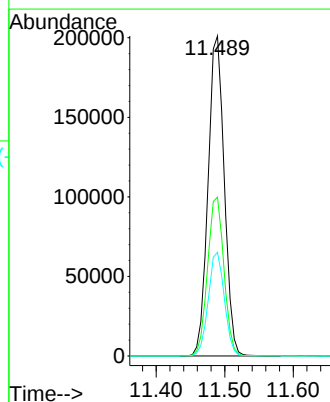
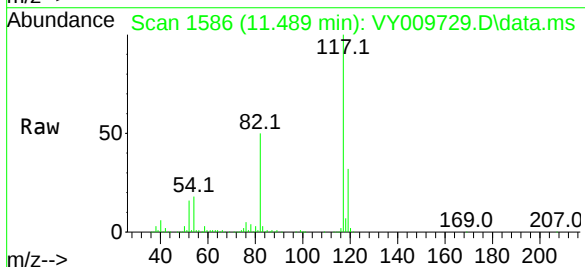
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

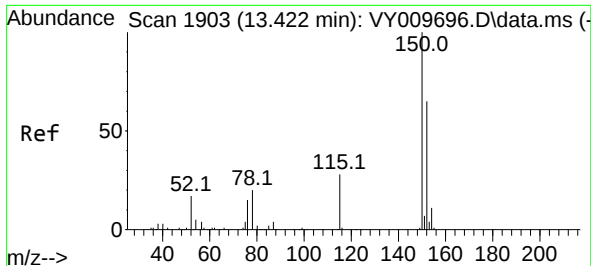
Tgt Ion: 95 Resp: 95970
Ion Ratio Lower Upper
95 100
174 100.3 0.0 177.0
176 95.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 117 Resp: 330774
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 32.4 25.4 38.0

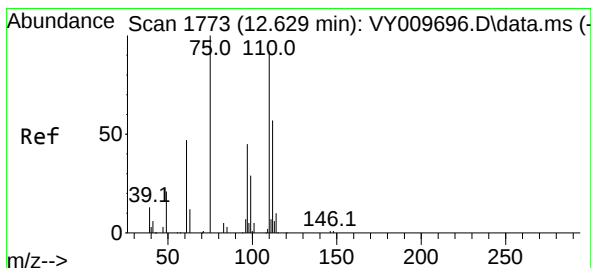
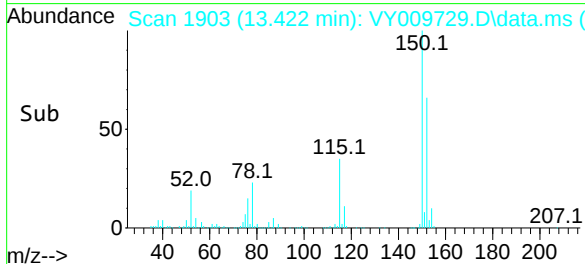
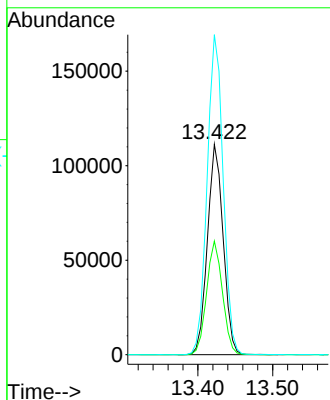
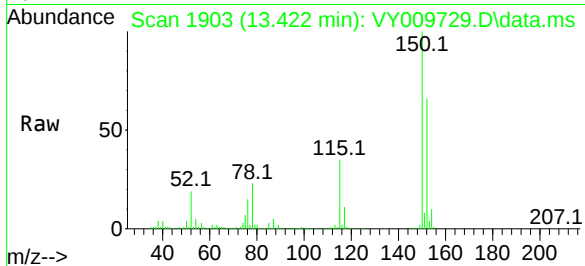




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

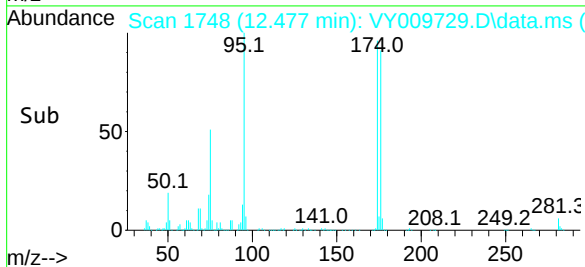
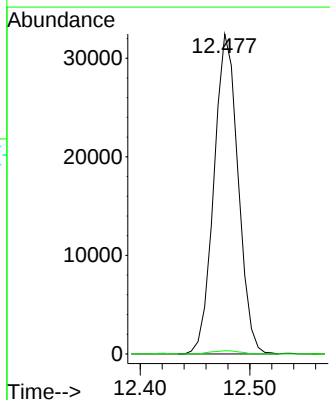
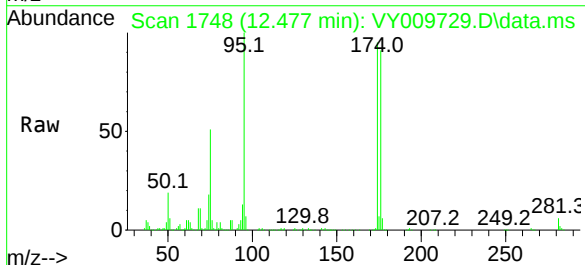
Instrument :
MSVOA_Y
ClientSampleId :
6601-S

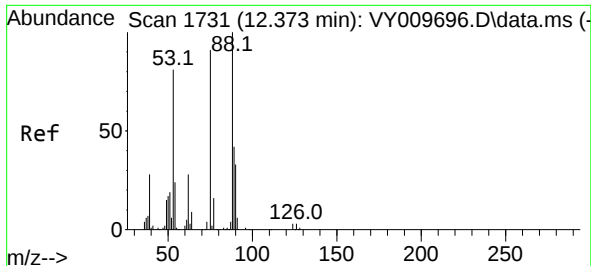
Tgt Ion:152 Resp: 163022
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 155.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 32.813 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 75 Resp: 49687
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

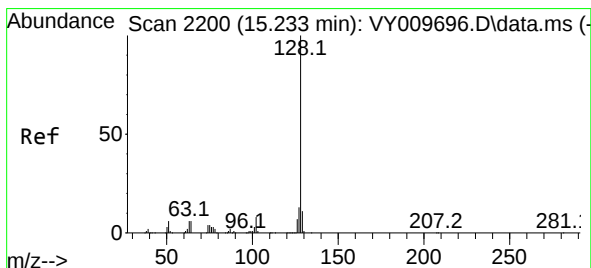
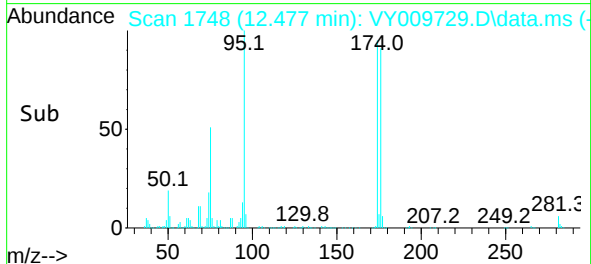
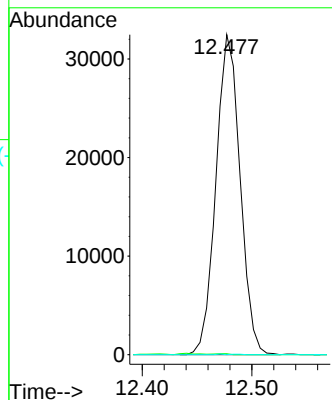
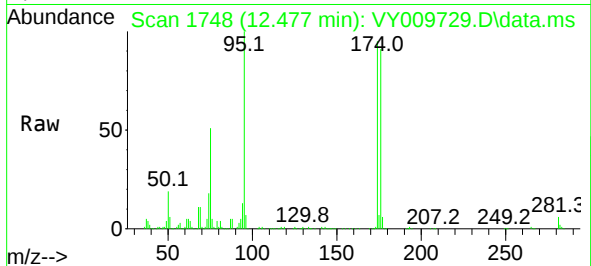




#81
trans-1,4-Dichloro-2-butene
Concen: 65.406 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
6601-S

Tgt Ion: 75 Resp: 49687
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 2.562 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY009729.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 128 Resp: 14708
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.2 8.4 12.6

