

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010041.D
 Acq On : 16 Aug 2022 14:06
 Operator : KP/MD
 Sample : N4183-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILERE

Quant Time: Aug 16 16:53:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

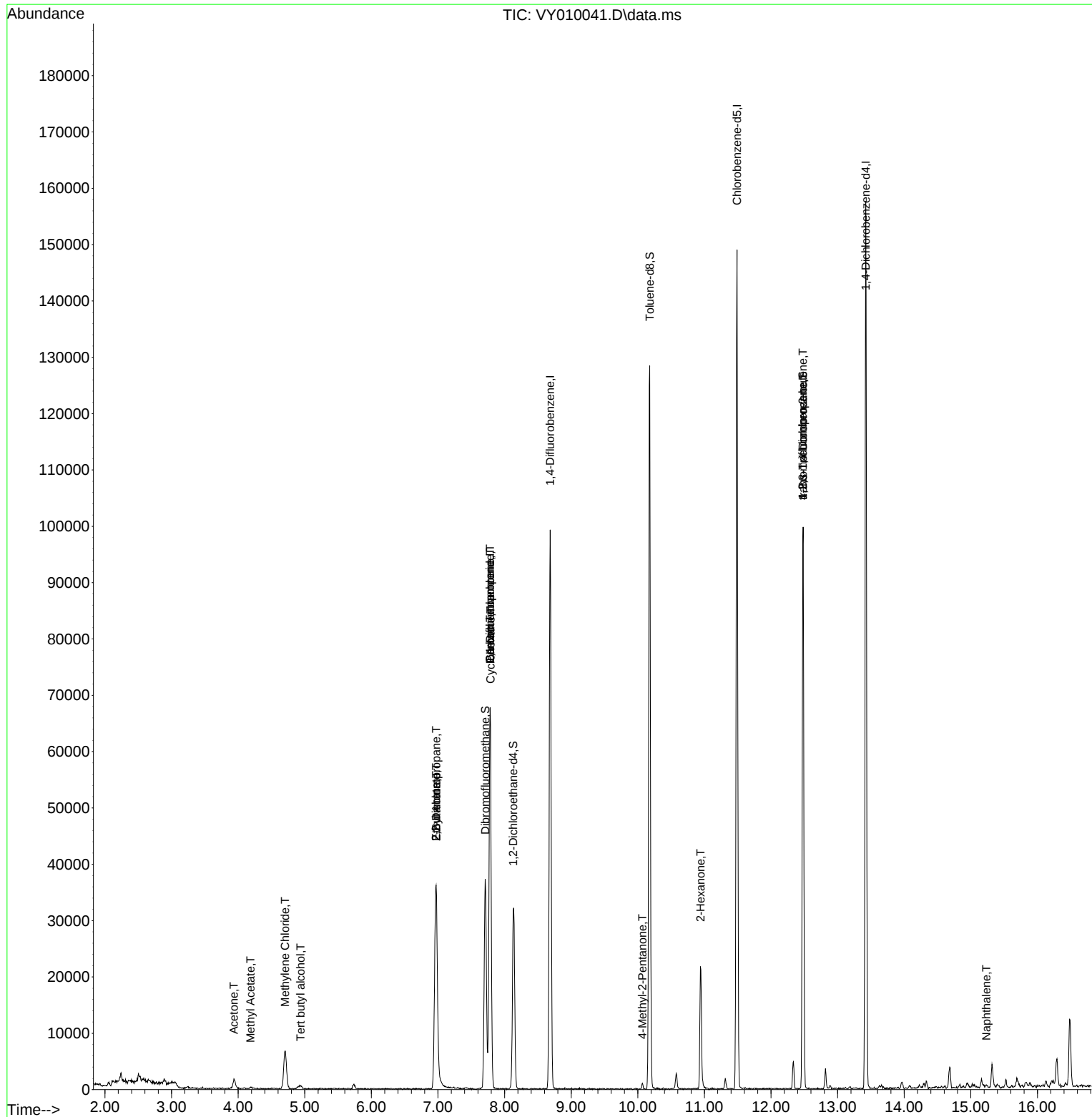
Internal Standards						
1) Pentafluorobenzene	7.782	168	55227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	85622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	83598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	41388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26525	48.036	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.080%		
35) Dibromofluoromethane	7.709	113	25009	45.040	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.080%		
50) Toluene-d8	10.178	98	84294	41.033	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.060%		
62) 4-Bromofluorobenzene	12.477	95	29275	40.573	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	81.140%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	235	Below Cal	#	3
11) Tert butyl alcohol	4.935	59	689	18.629	ug/l #	74
16) Acetone	3.936	43	3105	26.252	ug/l	94
18) Methyl Acetate	4.186	43	31	4.107	ug/l #	49
20) Methylene Chloride	4.704	84	5497	7.159	ug/l	93
25) 2-Butanone	6.972	43	2002	12.373	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	2611	2.989	ug/l #	53
31) Cyclohexane	7.789	56	1128	1.446	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	3977	5.142	ug/l #	49
37) Ethyl Acetate	6.972	43	2002	5.140	ug/l #	1
38) Carbon Tetrachloride	7.782	117	4935	5.188	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	533	1.307	ug/l	96
59) 2-Hexanone	10.940	43	154	24.594	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	14786	37.689	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14786	85.173	ug/l #	12
95) Naphthalene	15.232	128	591	4.697	ug/l #	69

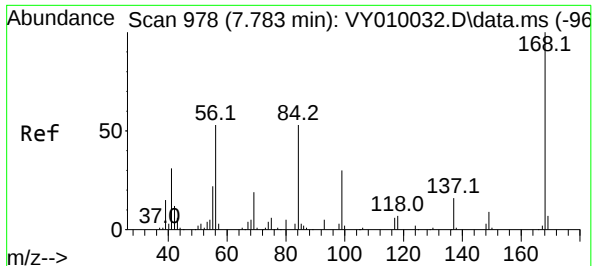
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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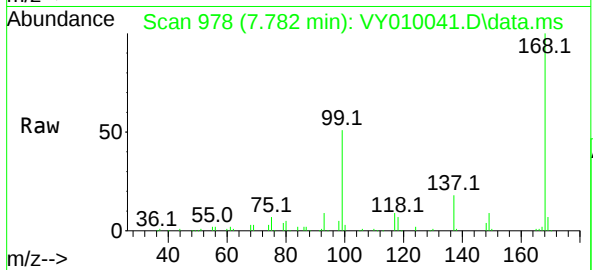
Quant Time: Aug 16 16:53:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 07:01:08 2022
Response via : Initial Calibration



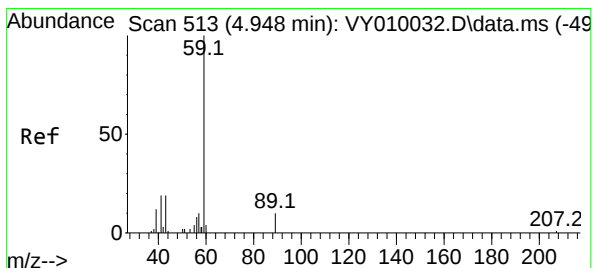
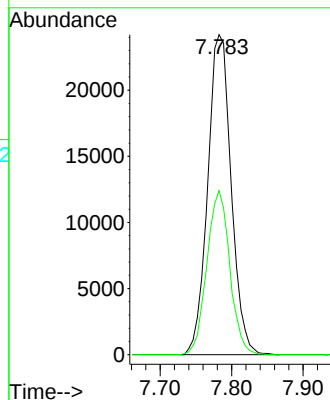
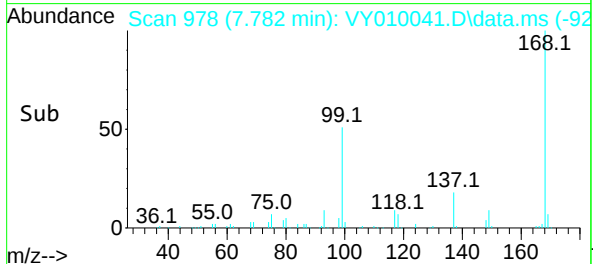


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILERE

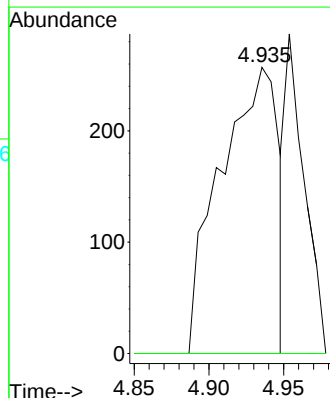
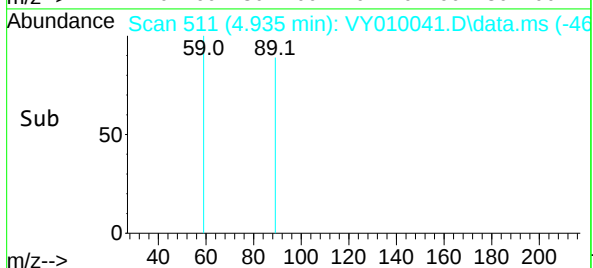
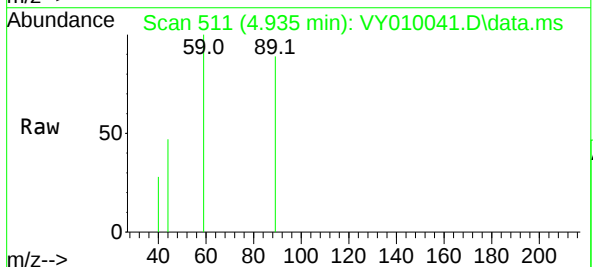


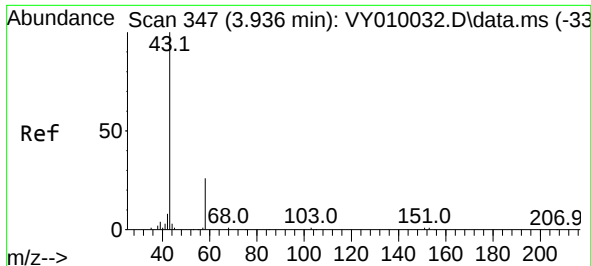
Tgt Ion:168 Resp: 55227
Ion Ratio Lower Upper
168 100
99 51.2 37.7 56.5



#11
Tert butyl alcohol
Concen: 18.629 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Tgt Ion: 59 Resp: 689
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

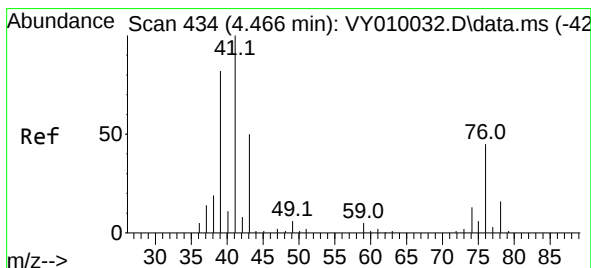
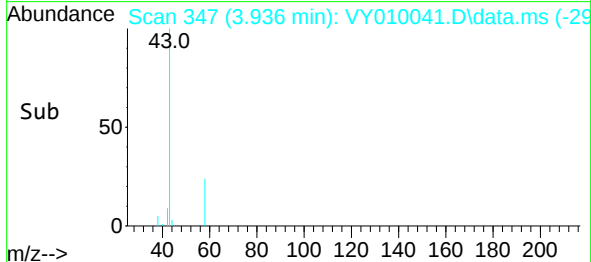
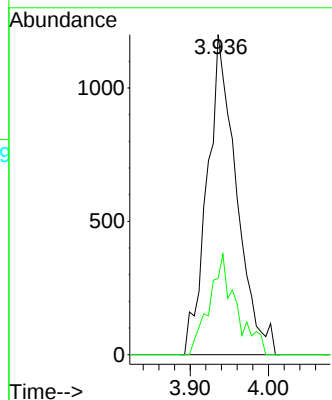
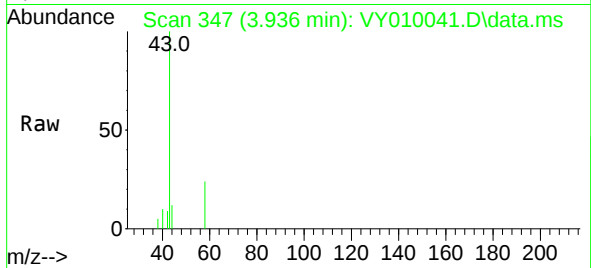




#16
Acetone
Concen: 26.252 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

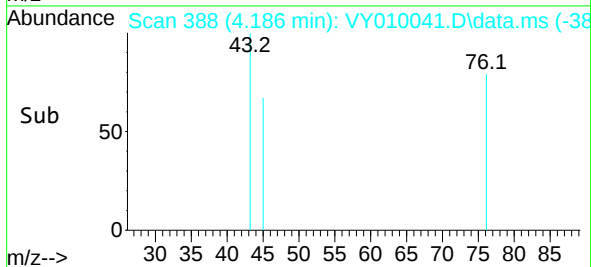
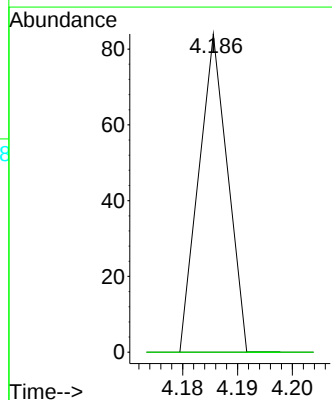
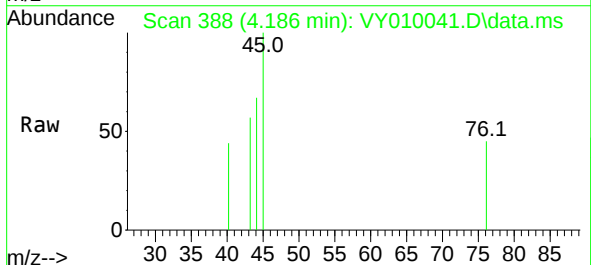
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILERE

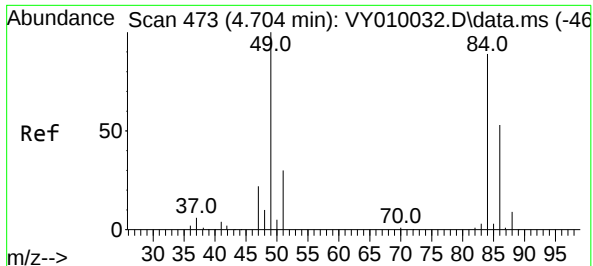
Tgt Ion: 43 Resp: 3105
Ion Ratio Lower Upper
43 100
58 23.8 21.4 32.0



#18
Methyl Acetate
Concen: 4.107 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.280 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

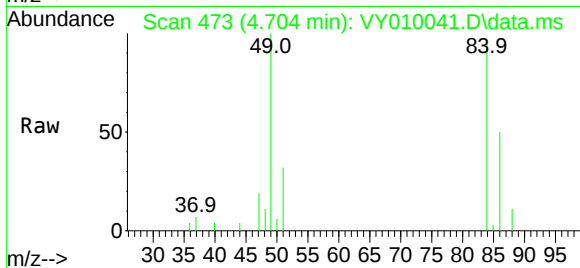
Tgt Ion: 43 Resp: 31
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



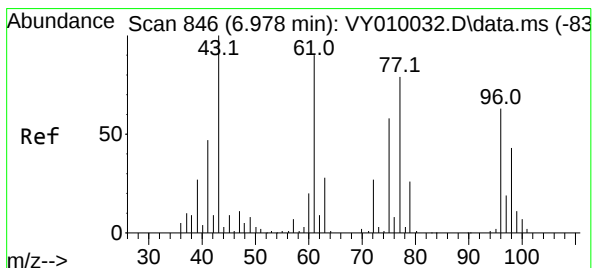
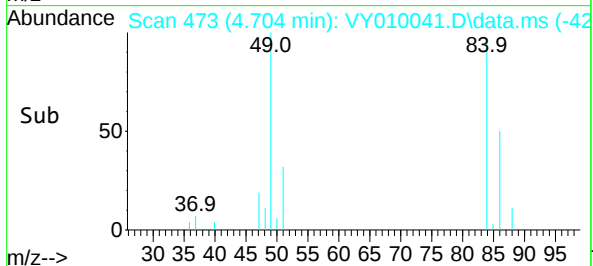
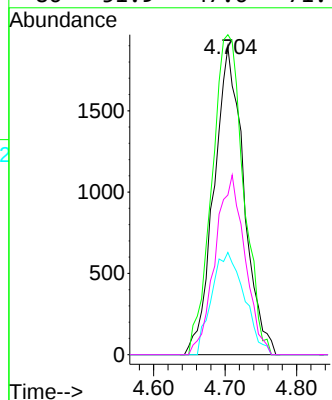


#20
Methylene Chloride
Concen: 7.159 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILERE

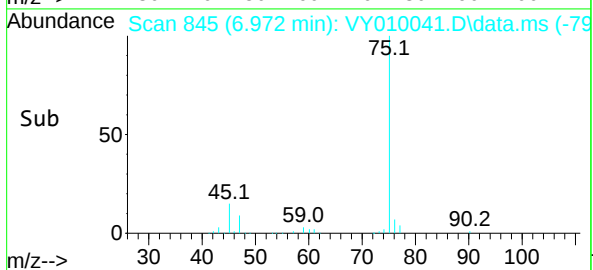
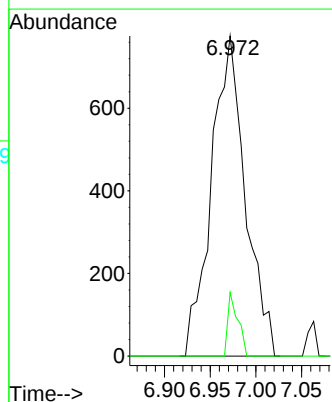
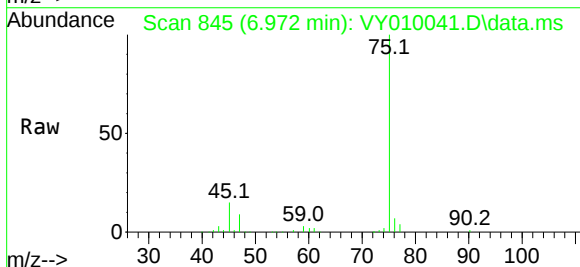


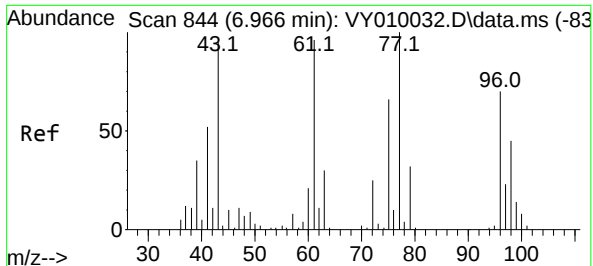
Tgt Ion:	84	Resp:	5497
Ion	Ratio	Lower	Upper
84	100		
49	104.0	89.5	134.3
51	33.2	26.8	40.2
86	51.9	47.6	71.4



#25
2-Butanone
Concen: 12.373 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Tgt Ion:	43	Resp:	2002
Ion	Ratio	Lower	Upper
43	100		
72	19.9	21.7	32.5#





#26

2,2-Dichloropropane

Concen: 2.989 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

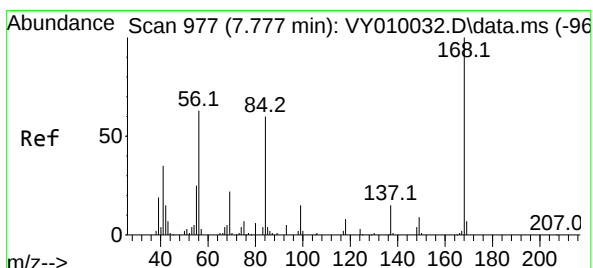
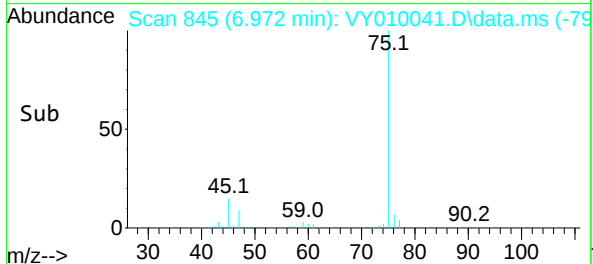
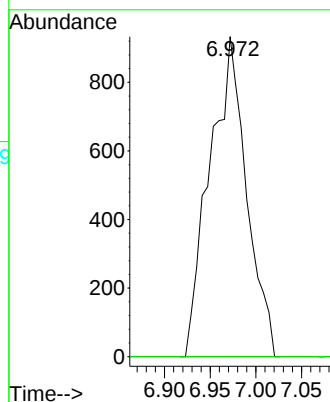
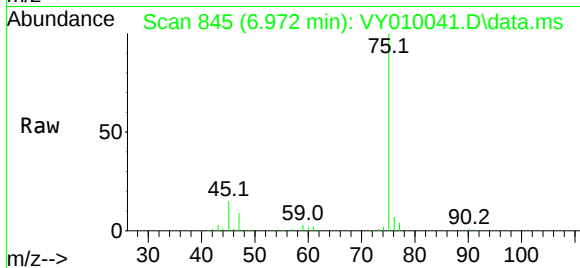
STOCKPILERE

Tgt Ion: 77 Resp: 2611

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#



#31

Cyclohexane

Concen: 1.446 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.012 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

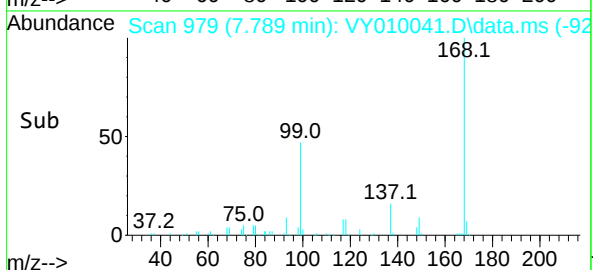
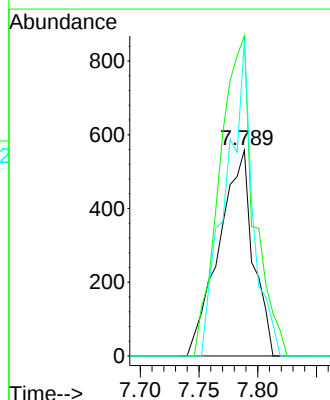
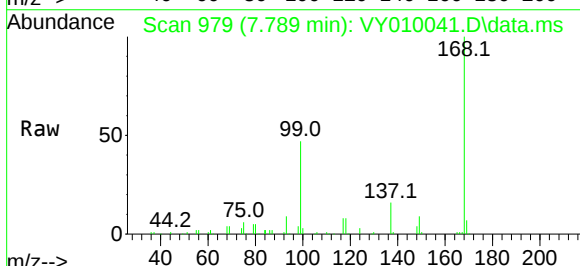
Tgt Ion: 56 Resp: 1128

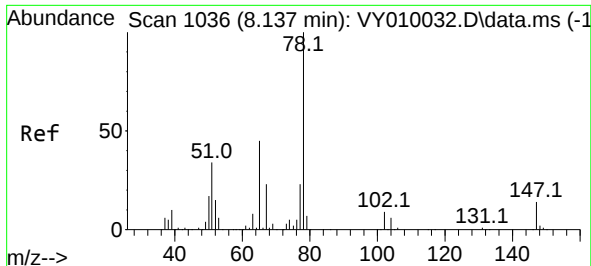
Ion Ratio Lower Upper

56 100

69 155.6 28.6 43.0#

84 153.2 76.0 114.0#





#33

1,2-Dichloroethane-d4

Concen: 48.036 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

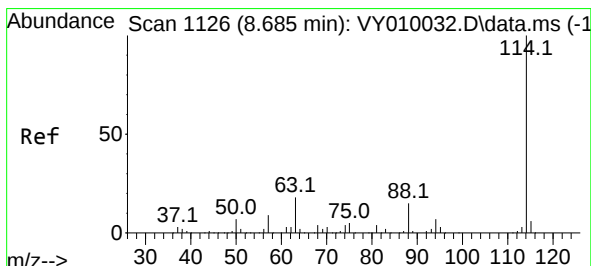
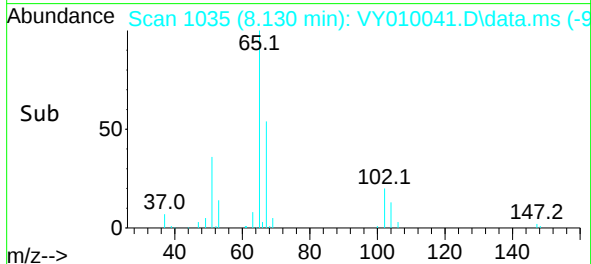
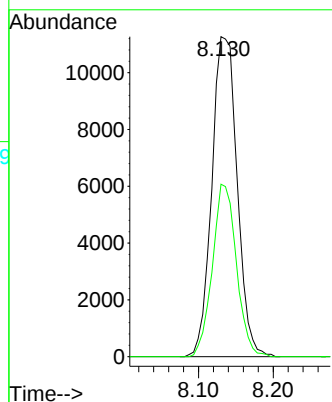
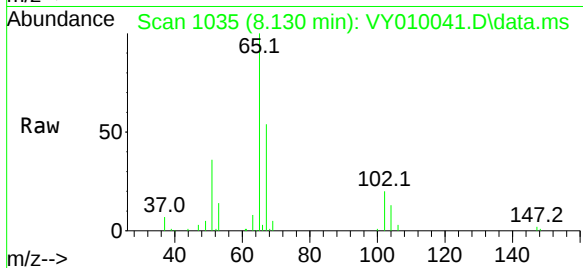
STOCKPILERE

Tgt Ion: 65 Resp: 26525

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

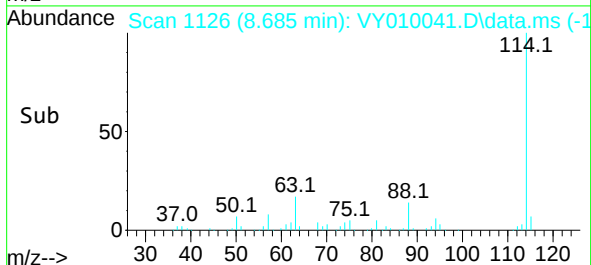
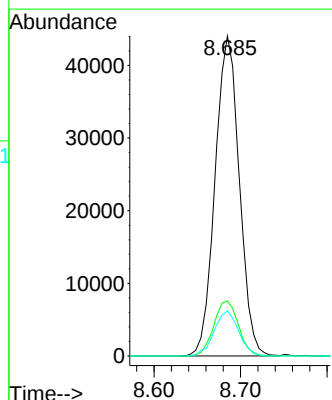
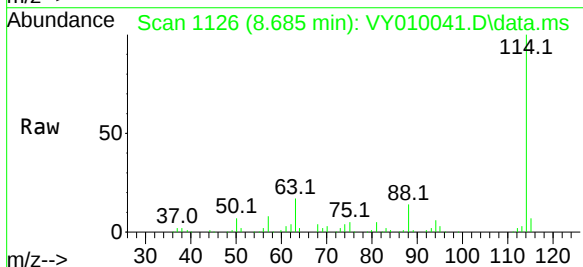
Tgt Ion: 114 Resp: 85622

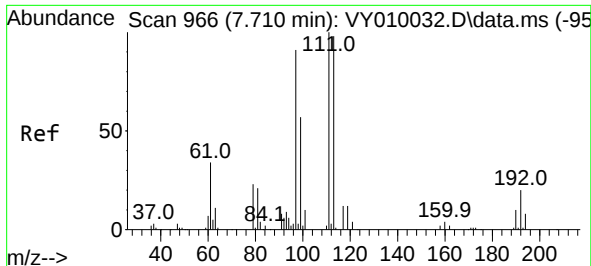
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.2

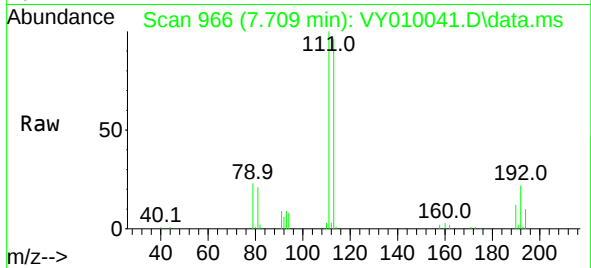
88 14.1 0.0 30.2



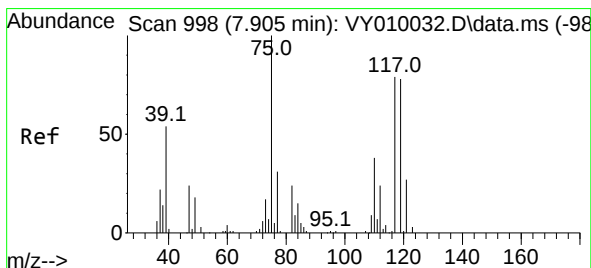
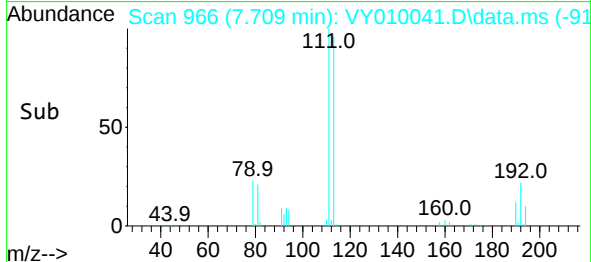
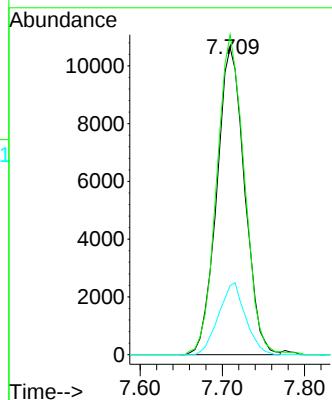


#35
Dibromofluoromethane
Concen: 45.040 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILERE

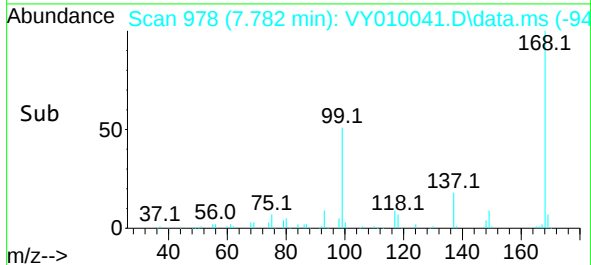
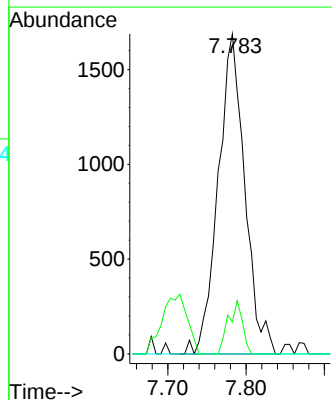
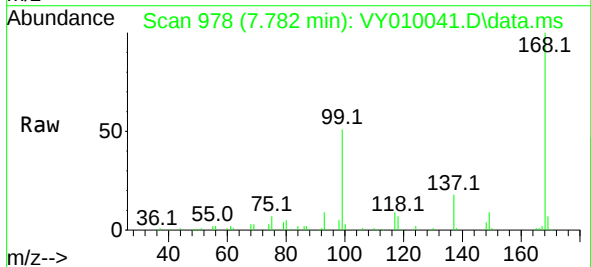


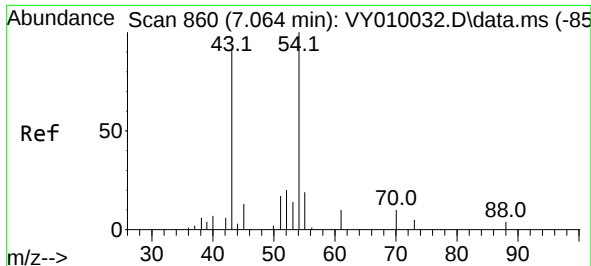
Tgt Ion:113 Resp: 25009
Ion Ratio Lower Upper
113 100
111 103.9 82.7 124.1
192 22.6 17.2 25.8



#36
1,1-Dichloropropene
Concen: 5.142 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.123 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Tgt Ion: 75 Resp: 3977
Ion Ratio Lower Upper
75 100
110 8.9 18.4 55.4#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 5.140 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.092 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILERE

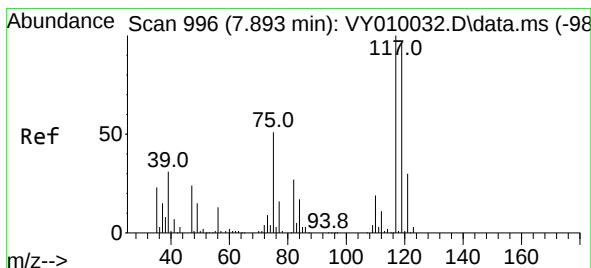
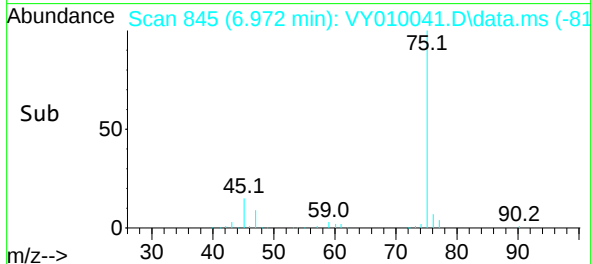
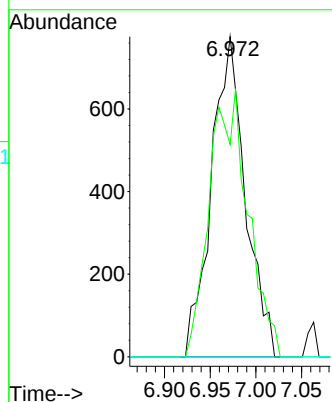
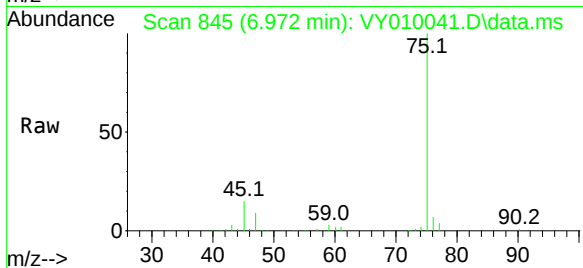
Tgt Ion: 43 Resp: 2002

Ion Ratio Lower Upper

43 100

61 94.7 9.6 14.4#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 5.188 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.111 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

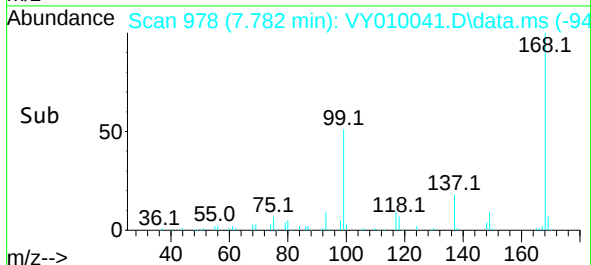
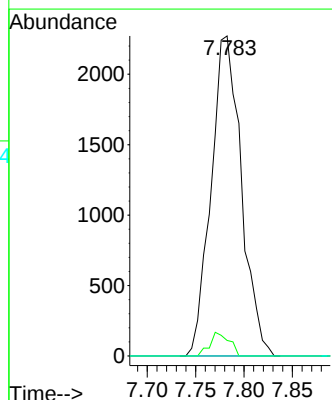
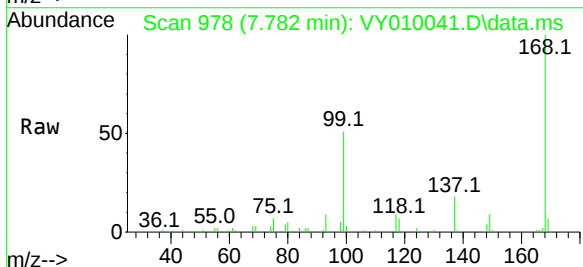
Tgt Ion: 117 Resp: 4935

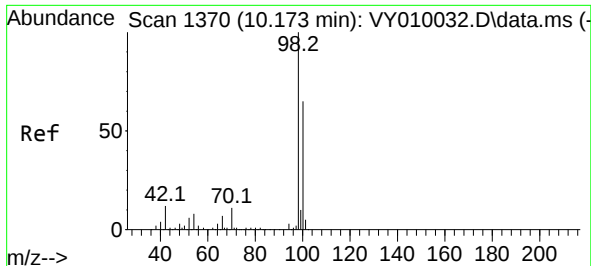
Ion Ratio Lower Upper

117 100

119 4.8 77.0 115.6#

121 0.0 24.2 36.4#

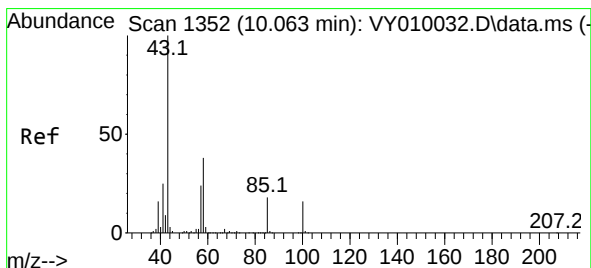
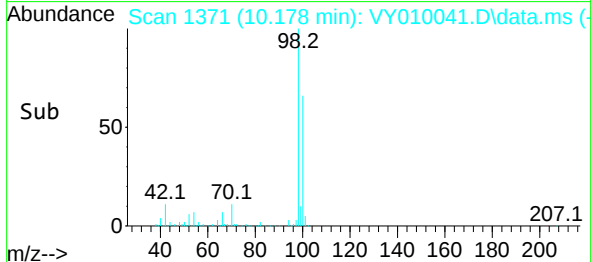
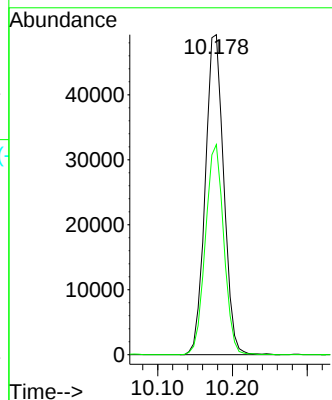
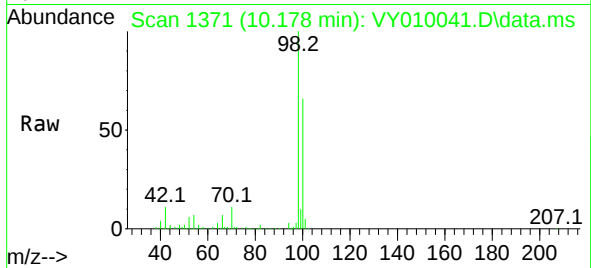




#50
Toluene-d8
Concen: 41.033 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

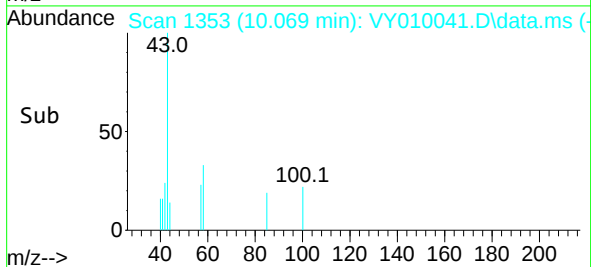
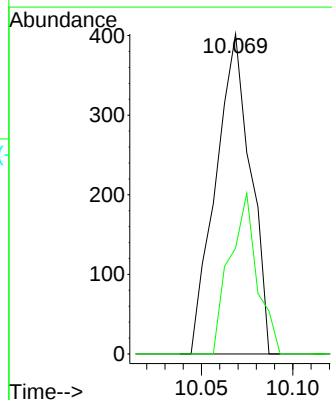
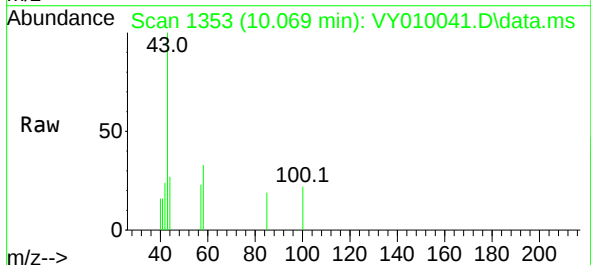
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILERE

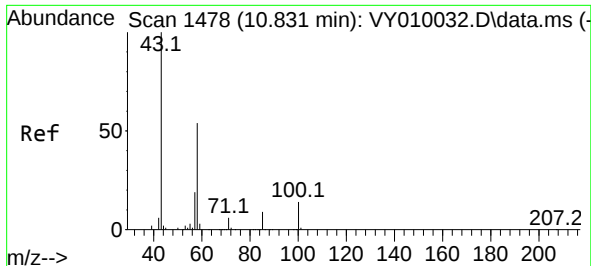
Tgt Ion: 98 Resp: 84294
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.307 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 39.4 29.8 44.8

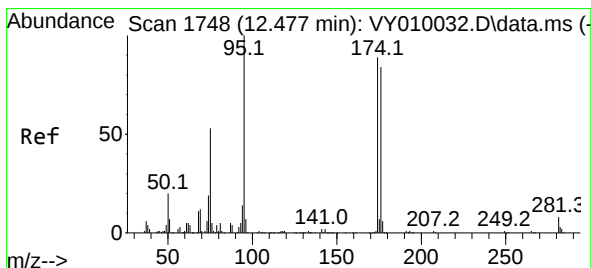
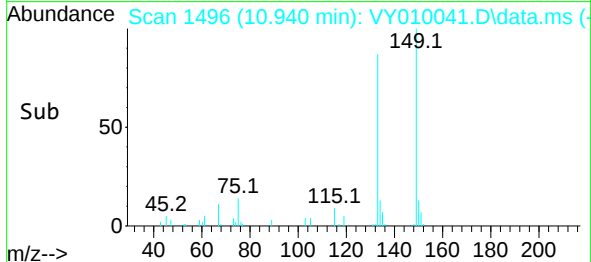
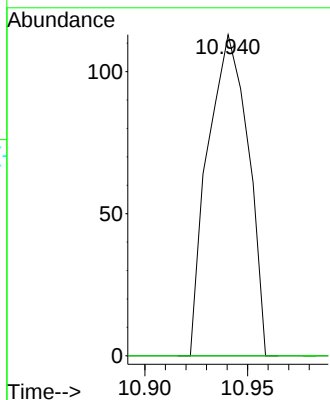
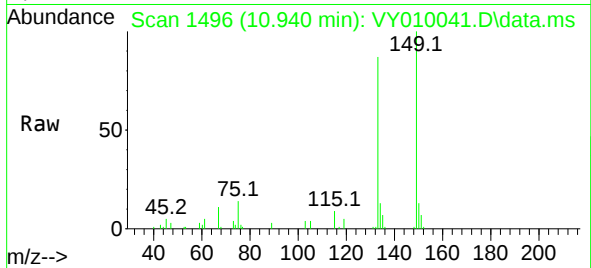




#59
2-Hexanone
Concen: 24.594 ug/l
RT: 10.940 min Scan# 1478
Delta R.T. 0.109 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

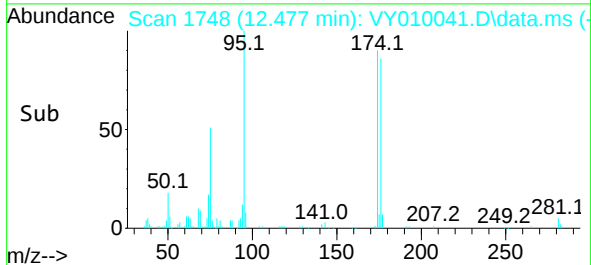
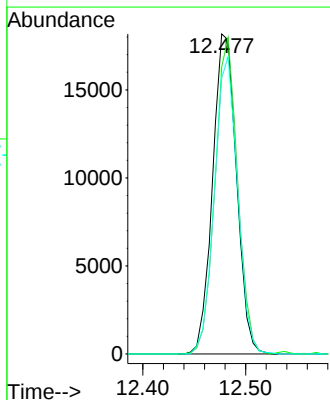
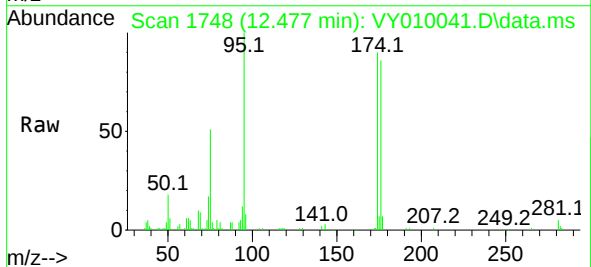
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILERE

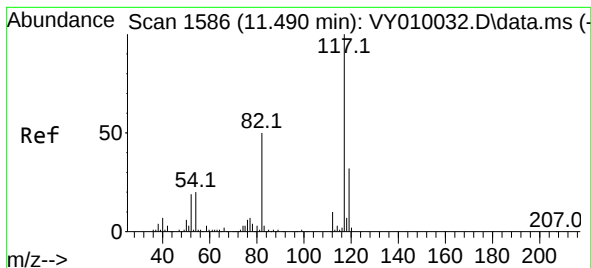
Tgt Ion: 43 Resp: 154
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 40.573 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Tgt Ion: 95 Resp: 29275
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.2
176 90.1 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILERE

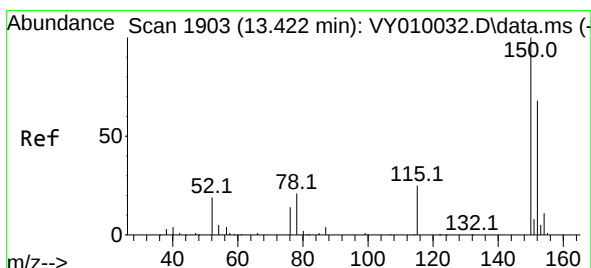
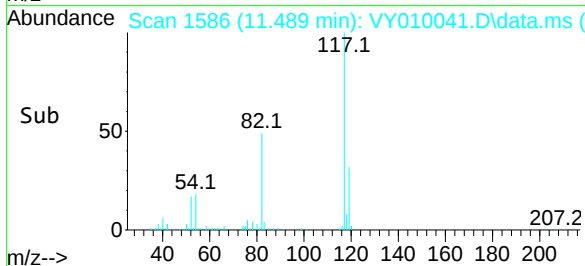
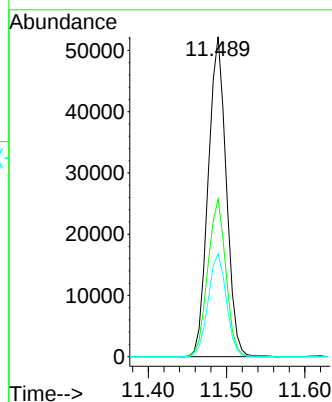
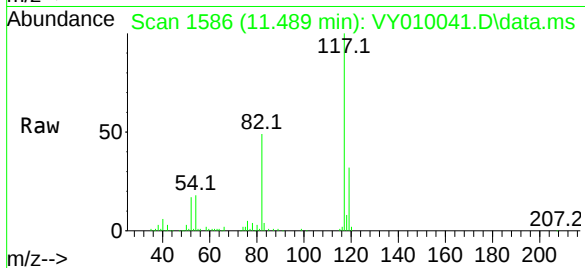
Tgt Ion:117 Resp: 83598

Ion Ratio Lower Upper

117 100

82 49.3 39.8 59.6

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010041.D

Acq: 16 Aug 2022 14:06

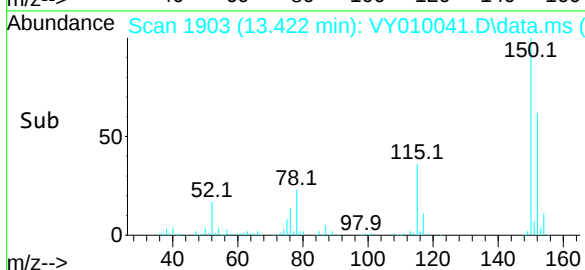
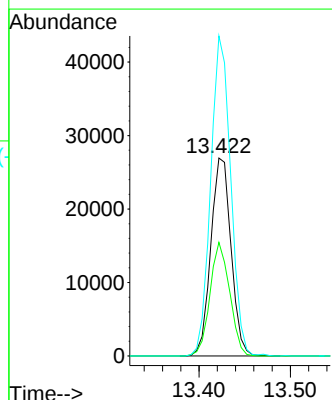
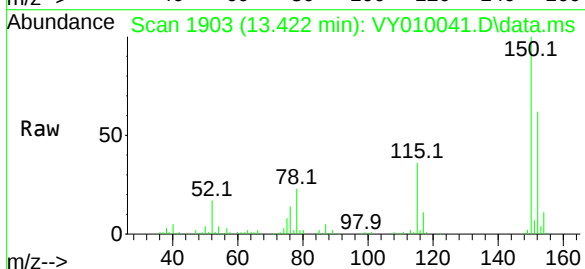
Tgt Ion:152 Resp: 41388

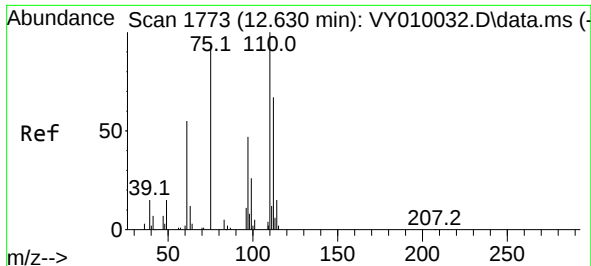
Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.3

150 159.8 0.0 346.6

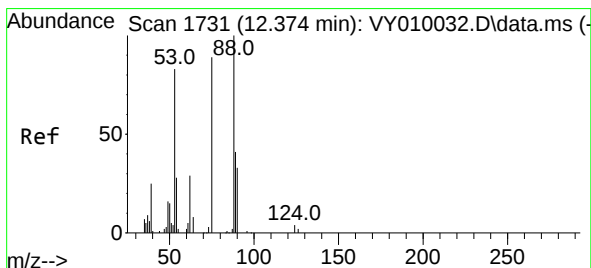
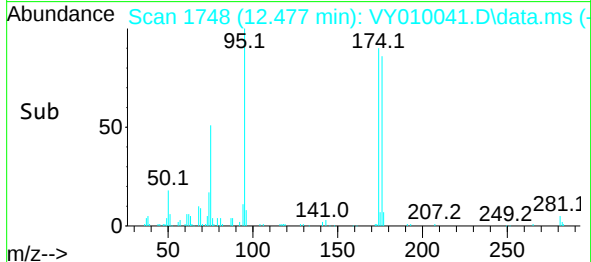
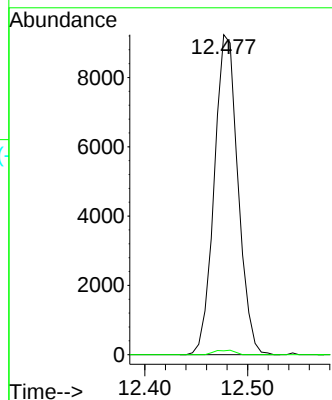
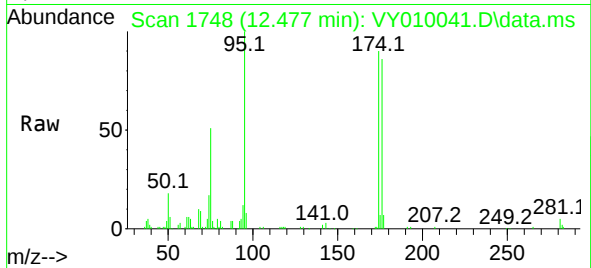




#76
1,2,3-Trichloropropane
Concen: 37.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

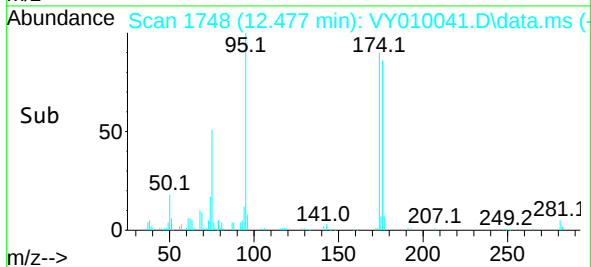
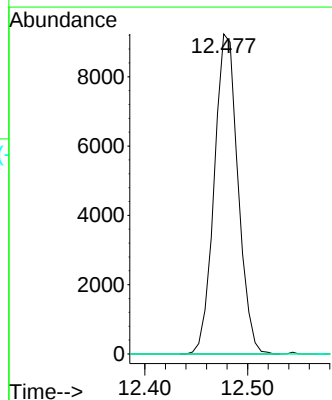
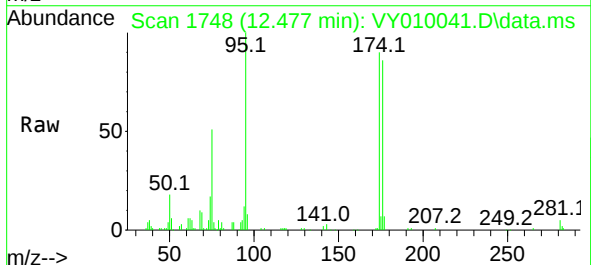
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILERE

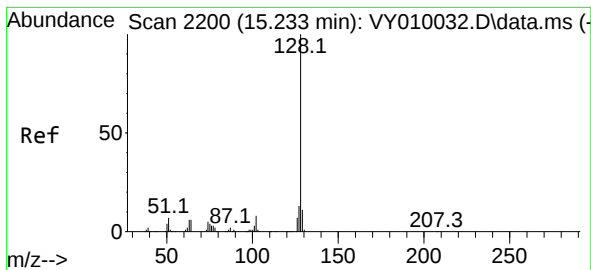
Tgt Ion: 75 Resp: 14786
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.173 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010041.D
Acq: 16 Aug 2022 14:06

Tgt Ion: 75 Resp: 14786
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#





#95

Naphthalene

Concen: 4.697 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.001 min

Lab File: VY010041.D

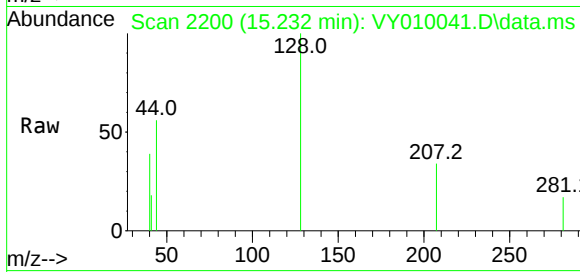
Acq: 16 Aug 2022 14:06

Instrument :

MSVOA_Y

ClientSampleId :

STOCKPILERE



Tgt Ion:128 Resp: 591

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.6 13.0#

