

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007060.D
 Acq On : 07 Jan 2022 18:02
 Operator : SY/MD
 Sample : N1065-24
 Misc : 2.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:12:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

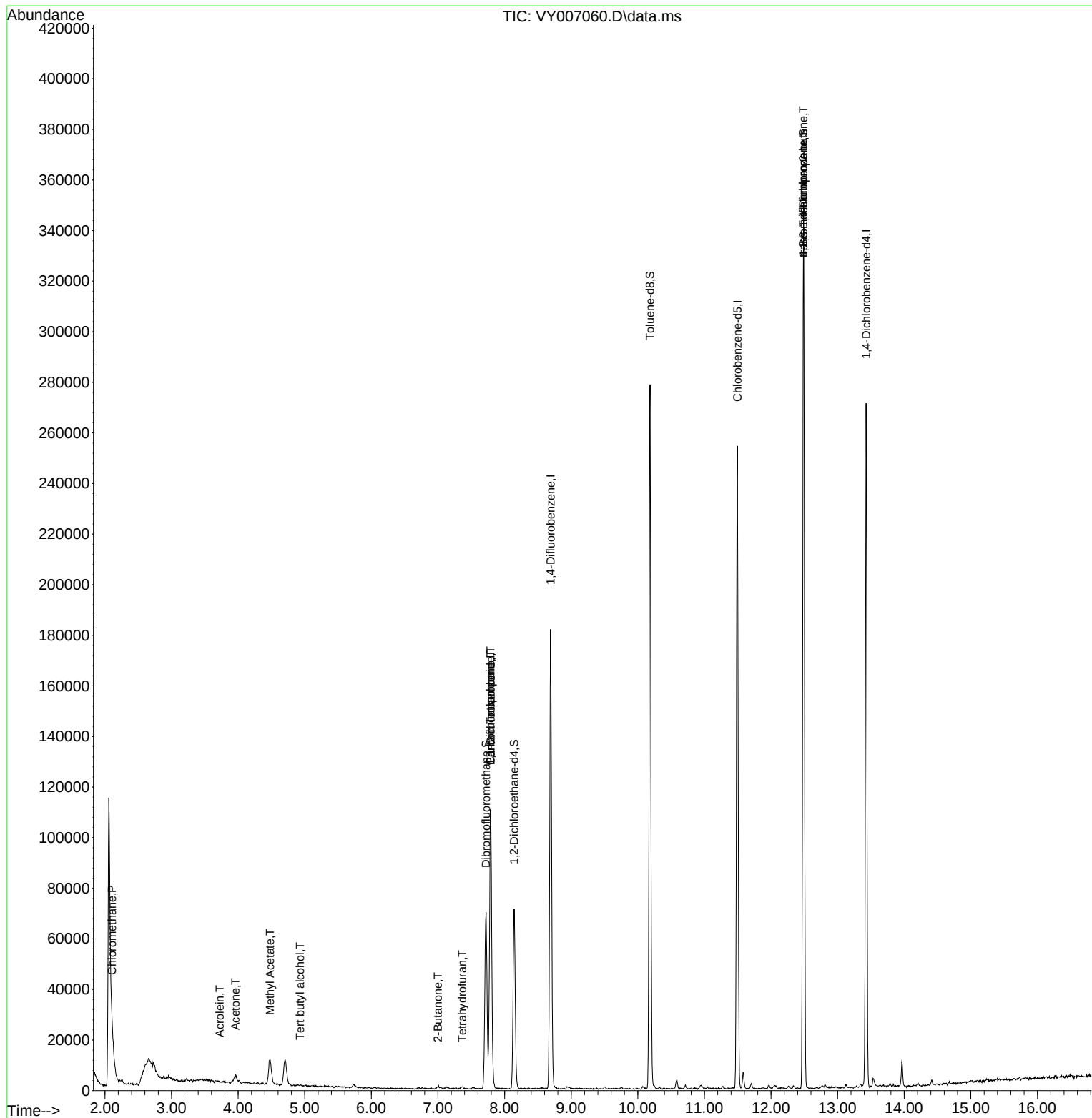
Internal Standards						
1) Pentafluorobenzene	7.789	168	83989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	142565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57930	58.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.860%			
35) Dibromofluoromethane	7.722	113	50411	49.446	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%			
50) Toluene-d8	10.184	98	186560	49.250	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.483	95	70807	49.634	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.260%			
Target Compounds						Qvalue
3) Chloromethane	2.107	50	1176	2.019	ug/l	96
11) Tert butyl alcohol	4.929	59	148	1.655	ug/l #	44
13) Acrolein	3.722	56	93	3.362	ug/l #	74
16) Acetone	3.960	43	6188	28.330	ug/l	94
18) Methyl Acetate	4.478	43	20021	21.365	ug/l	99
20) Methylene Chloride	4.704	84	7824	Below Cal		94
25) 2-Butanone	6.996	43	886	2.817	ug/l	96
29) Tetrahydrofuran	7.362	42	588	2.517	ug/l #	53
36) 1,1-Dichloropropene	7.789	75	7397	4.353	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9012	5.071	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	37617	45.438	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37617	82.988	ug/l #	4

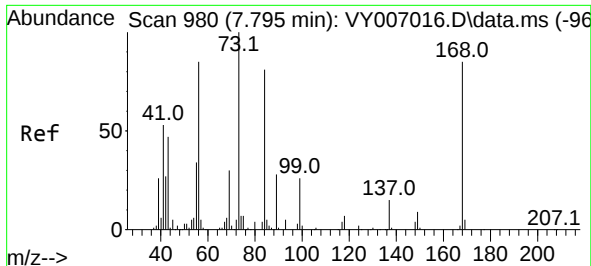
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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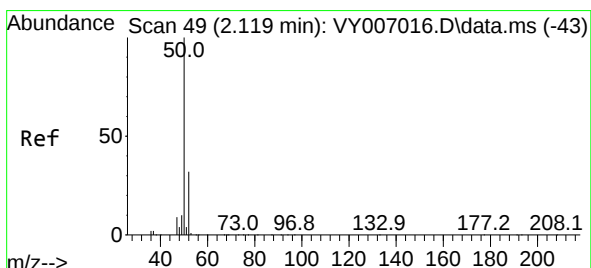
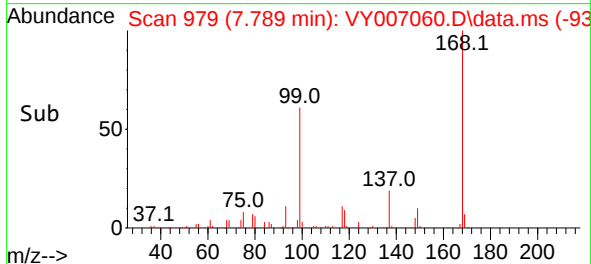
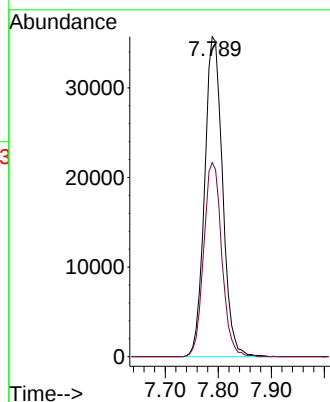
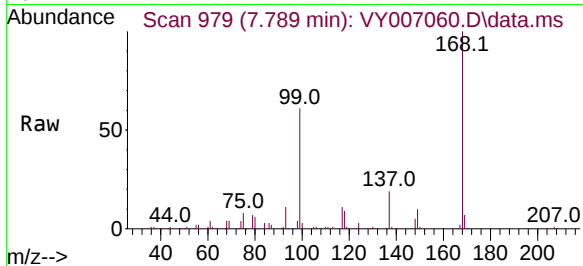




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

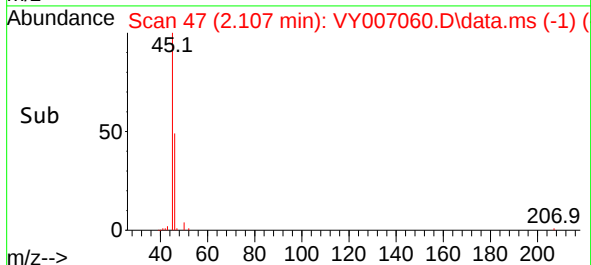
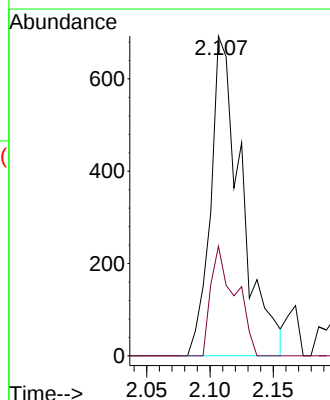
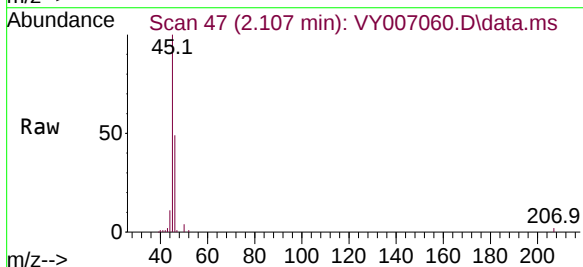
Instrument :
MSVOA_Y
ClientSampleId :

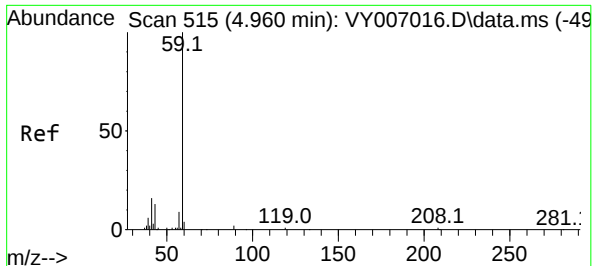
Tgt Ion:168 Resp: 83989
Ion Ratio Lower Upper
168 100
99 60.6 48.9 73.3



#3
Chloromethane
Concen: 2.019 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

Tgt Ion: 50 Resp: 1176
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.8





#11

Tert butyl alcohol

Concen: 1.655 ug/l

RT: 4.929 min Scan# 51

Delta R.T. -0.031 min

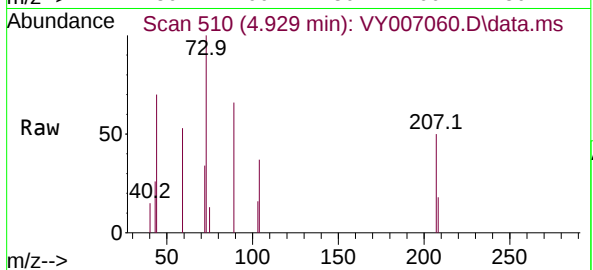
Lab File: VY007060.D

Acq: 07 Jan 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

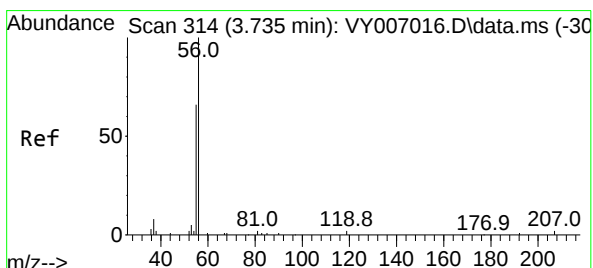
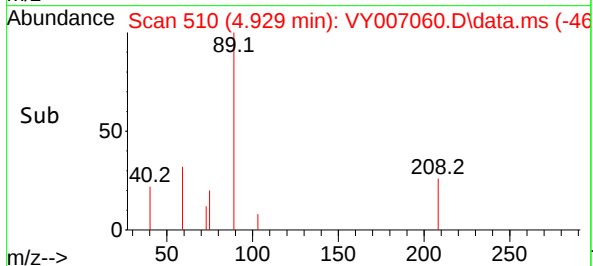
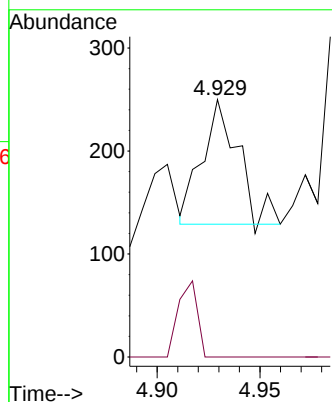


Tgt Ion: 59 Resp: 148

Ion Ratio Lower Upper

59 100

57 32.4 8.9 13.3#



#13

Acrolein

Concen: 3.362 ug/l

RT: 3.722 min Scan# 312

Delta R.T. -0.013 min

Lab File: VY007060.D

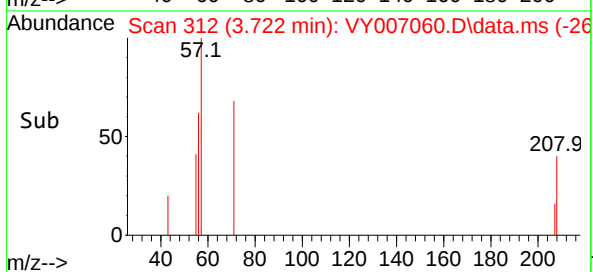
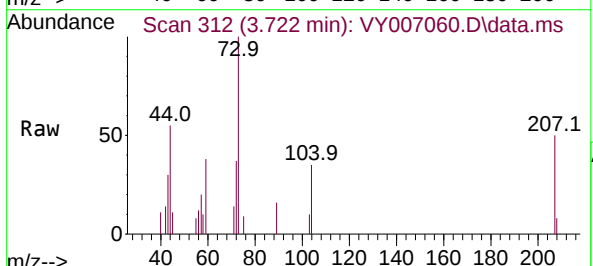
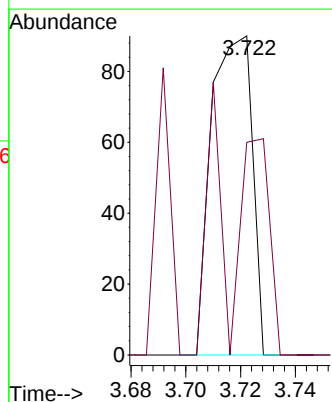
Acq: 07 Jan 2022 18:02

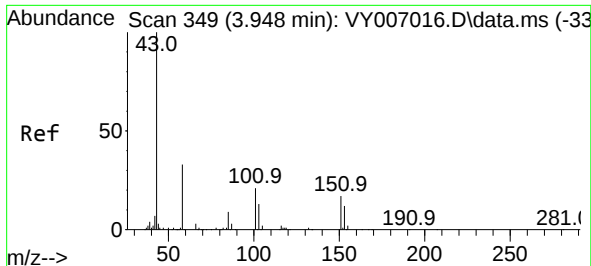
Tgt Ion: 56 Resp: 93

Ion Ratio Lower Upper

56 100

55 47.3 54.6 82.0#

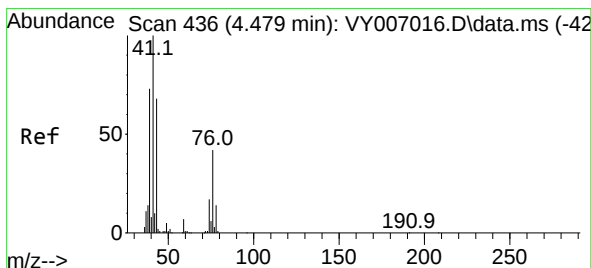
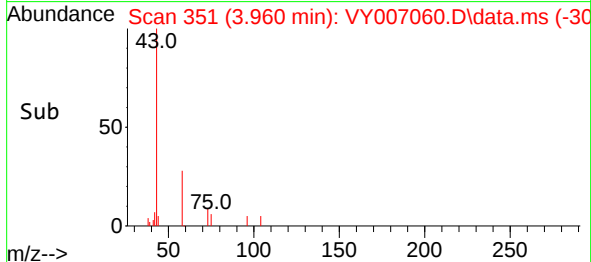
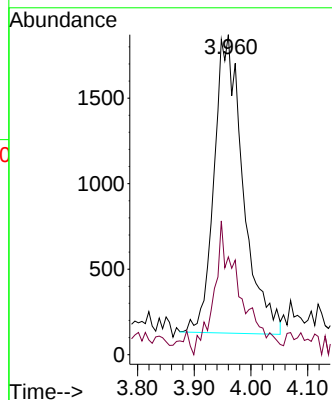
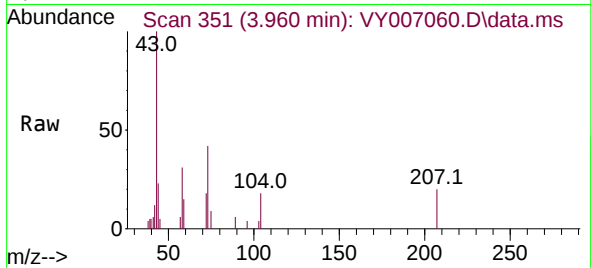




#16
Acetone
Concen: 28.330 ug/l
RT: 3.960 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

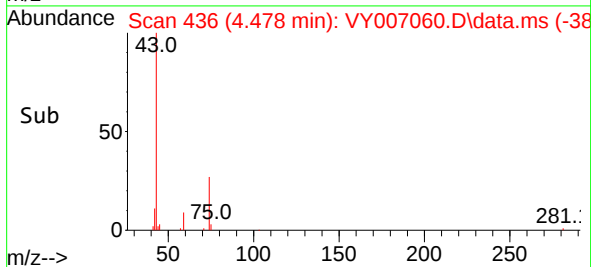
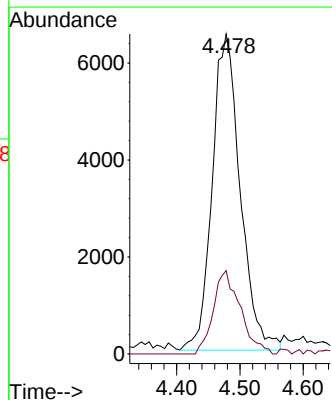
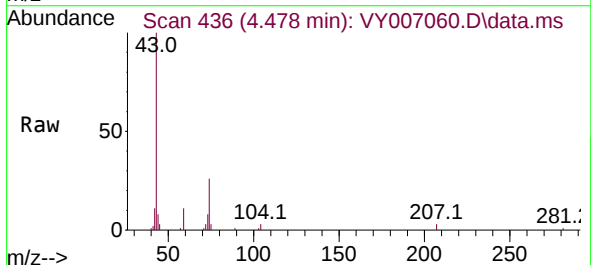
Instrument :
MSVOA_Y
ClientSampleId :

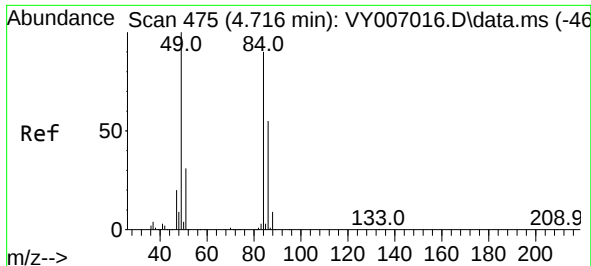
Tgt Ion: 43 Resp: 6188
Ion Ratio Lower Upper
43 100
58 29.5 26.3 39.5



#18
Methyl Acetate
Concen: 21.365 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

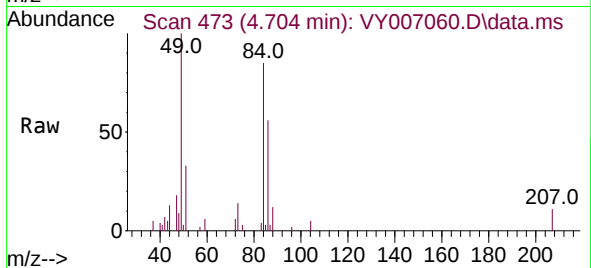
Tgt Ion: 43 Resp: 20021
Ion Ratio Lower Upper
43 100
74 25.4 20.9 31.3



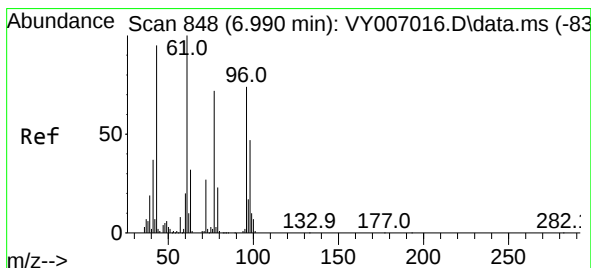
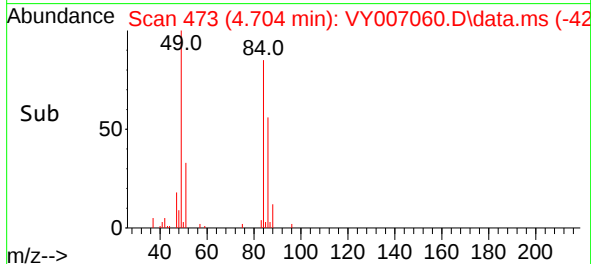
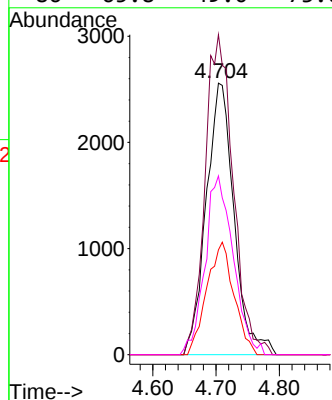


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

Instrument :
MSVOA_Y
ClientSampleId :

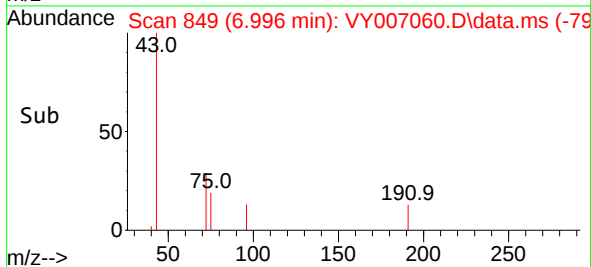
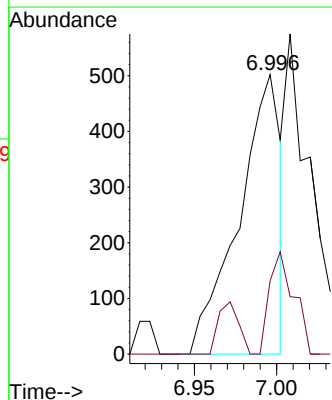
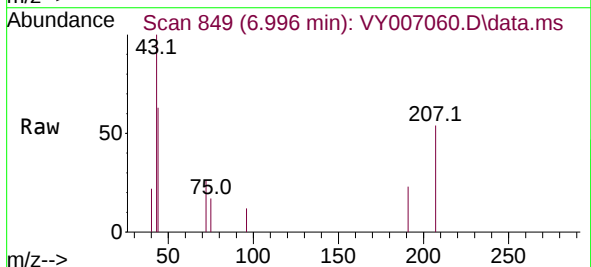


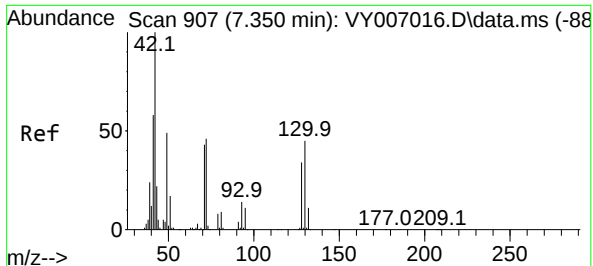
Tgt Ion: 84	Resp: 7824
Ion Ratio	Lower Upper
84 100	
49 117.9	89.4 134.0
51 38.6	27.7 41.5
86 65.8	49.0 73.6



#25
2-Butanone
Concen: 2.817 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

Tgt Ion: 43	Resp: 886		
Ion Ratio	Lower	Upper	
43 100			
72 26.3	22.6	34.0	





#29

Tetrahydrofuran

Concen: 2.517 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY007060.D

Acq: 07 Jan 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :

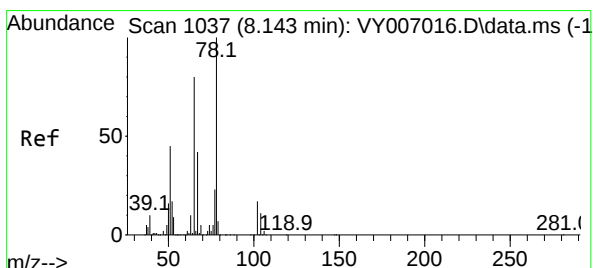
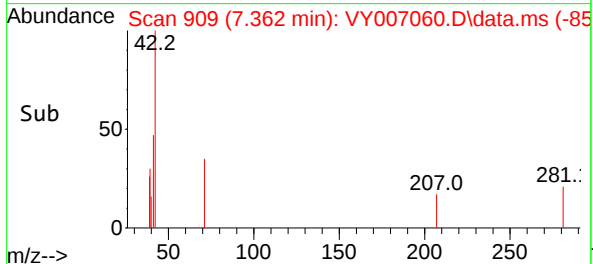
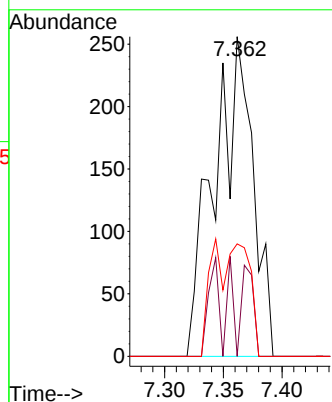
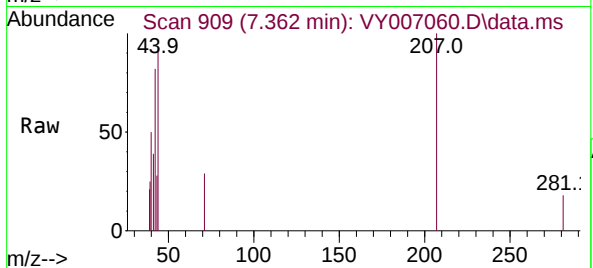
Tgt Ion: 42 Resp: 588

Ion Ratio Lower Upper

42 100

72 8.5 37.1 55.7#

71 20.4 34.6 52.0#



#33

1,2-Dichloroethane-d4

Concen: 58.431 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007060.D

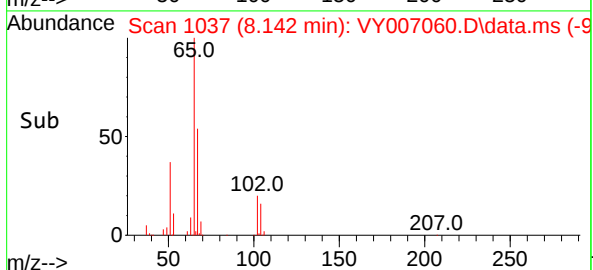
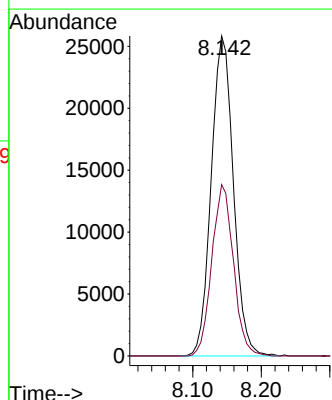
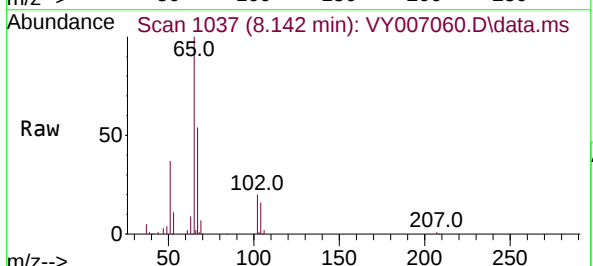
Acq: 07 Jan 2022 18:02

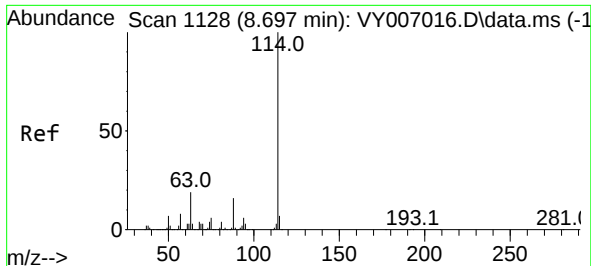
Tgt Ion: 65 Resp: 57930

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

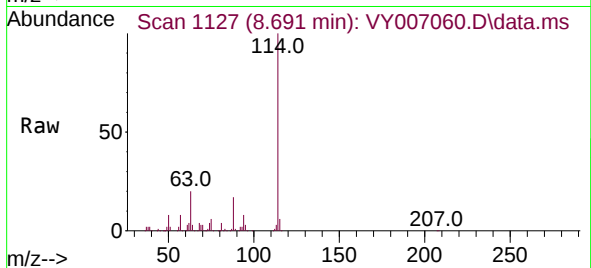
Lab File: VY007060.D

Acq: 07 Jan 2022 18:02

Instrument :

MSVOA_Y

ClientSampleId :



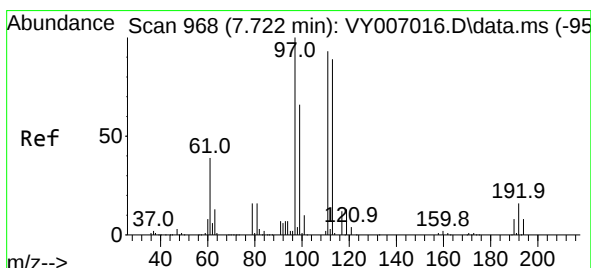
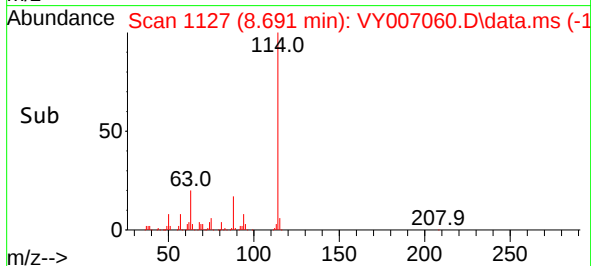
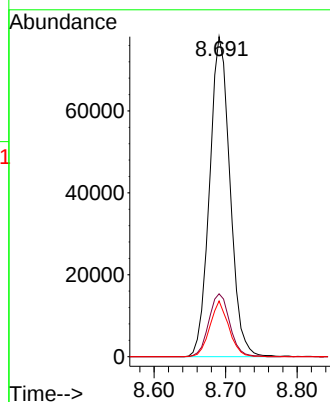
Tgt Ion:114 Resp: 155098

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.6

88 17.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.446 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007060.D

Acq: 07 Jan 2022 18:02

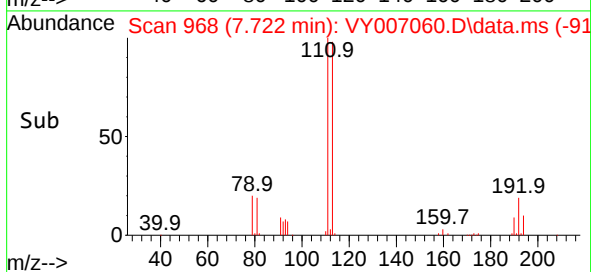
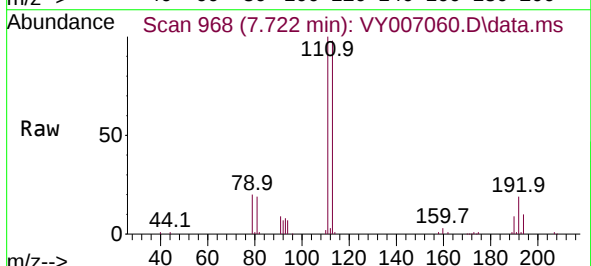
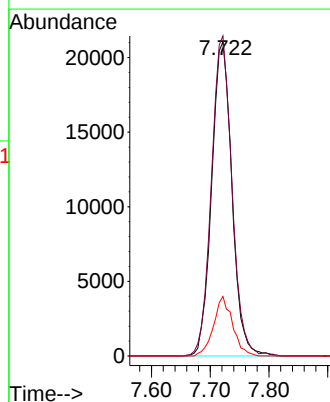
Tgt Ion:113 Resp: 50411

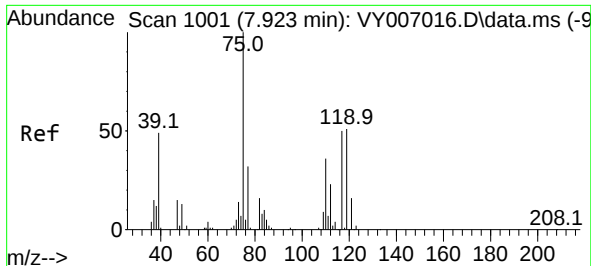
Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

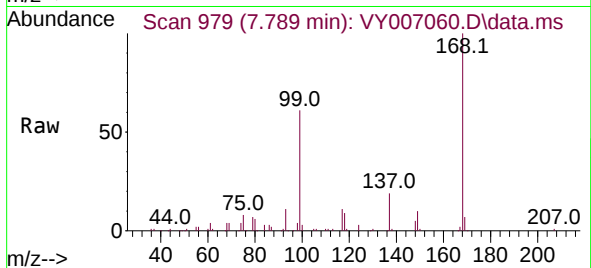
192 17.7 14.6 21.8



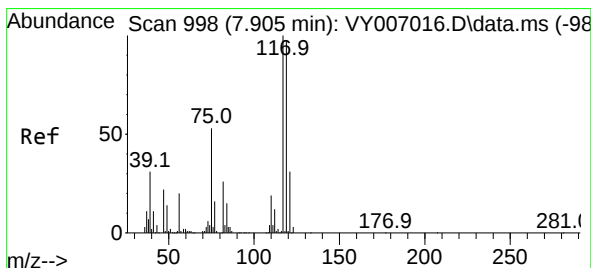
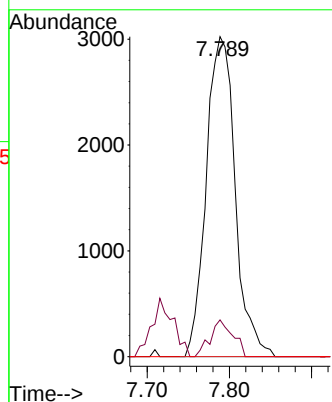
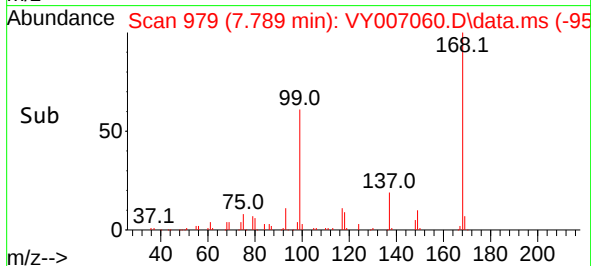


#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

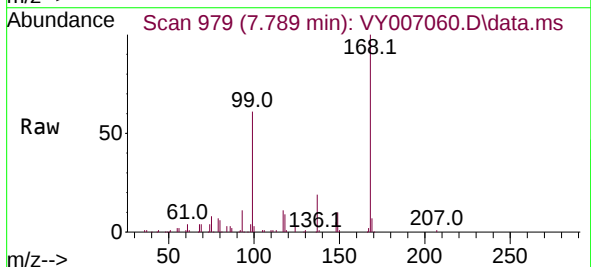
Instrument :
MSVOA_Y
ClientSampleId :



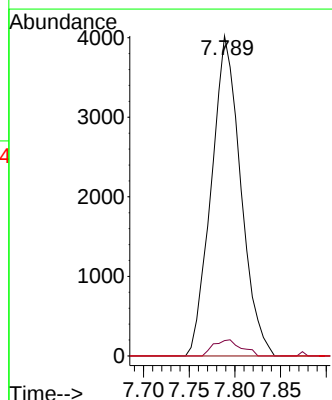
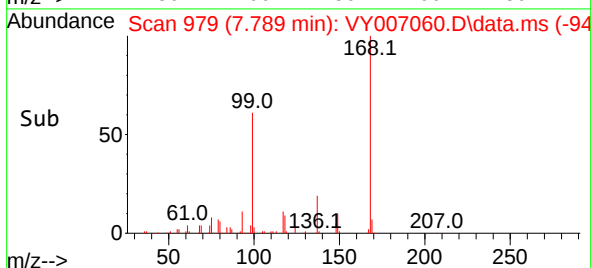
Tgt Ion: 75 Resp: 7397
Ion Ratio Lower Upper
75 100
110 9.0 18.0 54.0#
77 0.0 25.4 38.2#

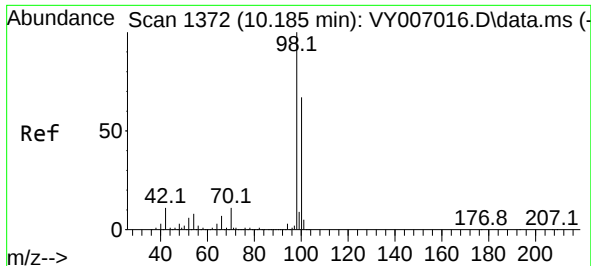


#38
Carbon Tetrachloride
Concen: 5.071 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02



Tgt Ion: 117 Resp: 9012
Ion Ratio Lower Upper
117 100
119 4.8 77.7 116.5#
121 0.0 24.4 36.6#

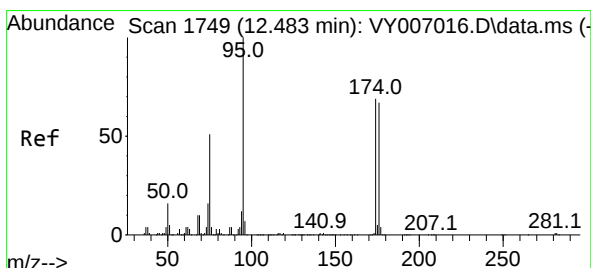
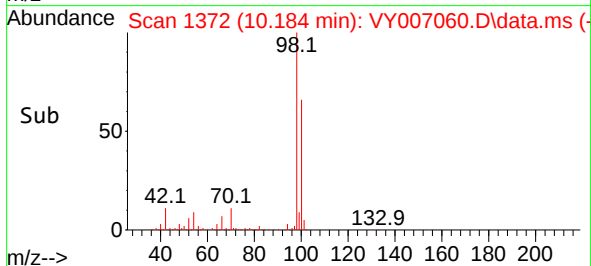
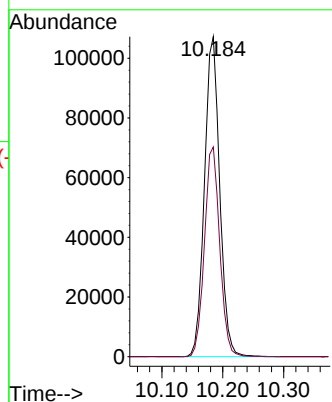
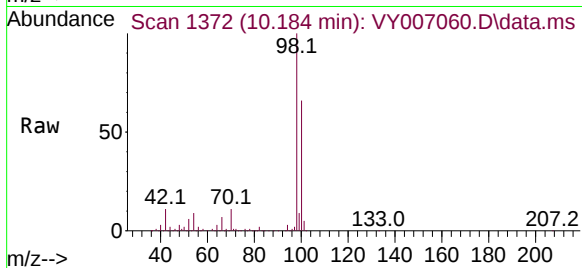




#50
Toluene-d8
Concen: 49.250 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

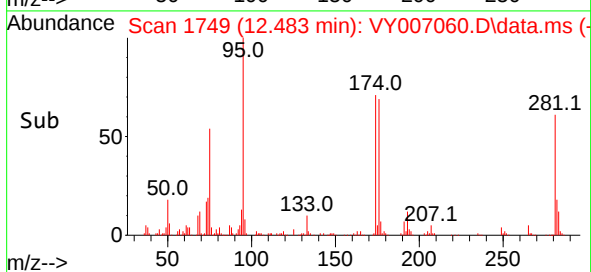
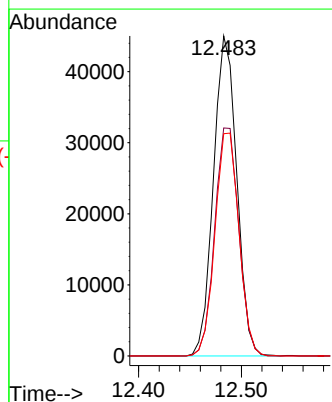
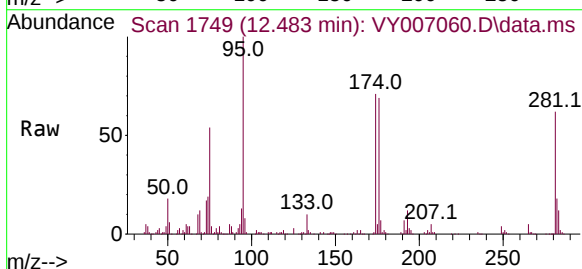
Instrument :
MSVOA_Y
ClientSampleId :

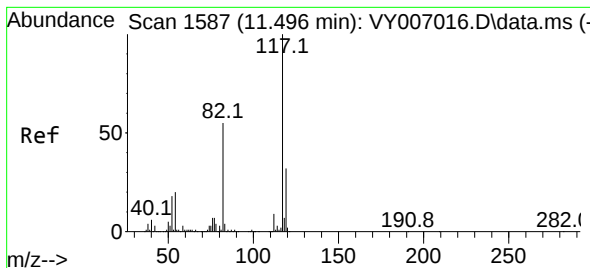
Tgt Ion: 98 Resp: 186560
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.634 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

Tgt Ion: 95 Resp: 70807
Ion Ratio Lower Upper
95 100
174 73.4 0.0 144.6
176 71.9 0.0 141.0

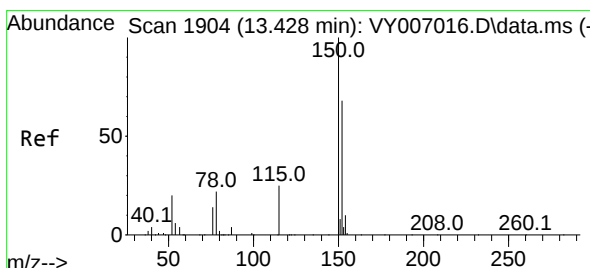
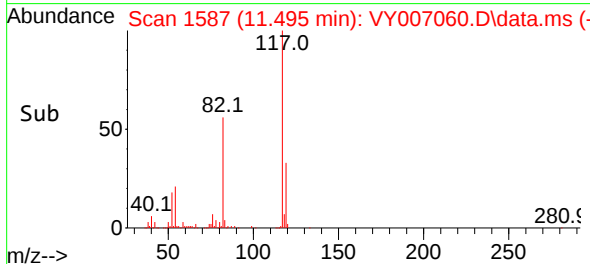
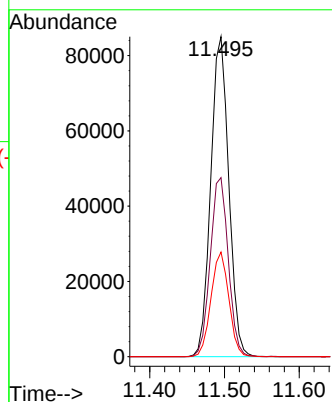
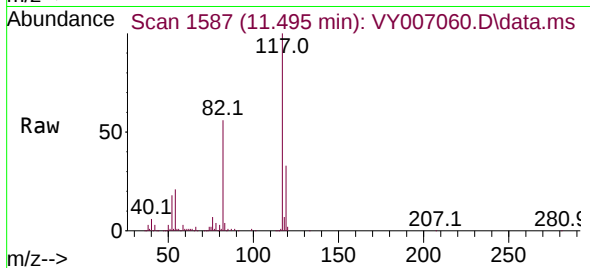




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11587
Delta R.T. -0.000 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

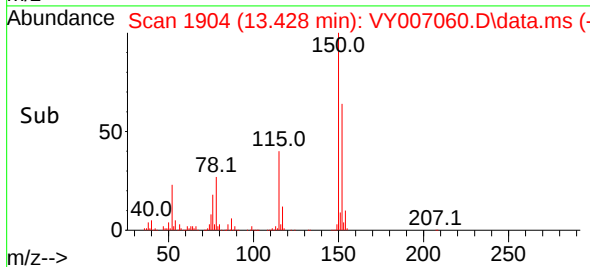
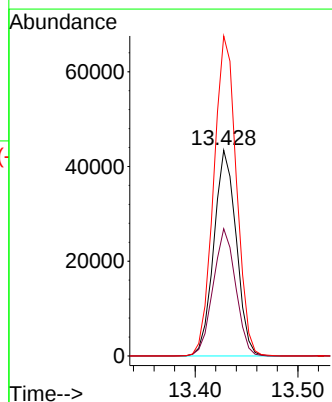
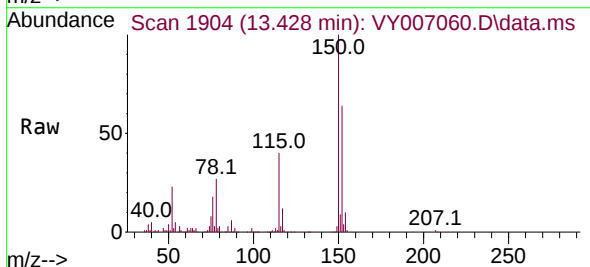
Instrument :
MSVOA_Y
ClientSampleId :

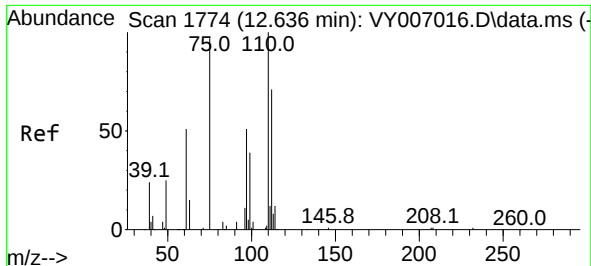
Tgt Ion:117 Resp: 142565
Ion Ratio Lower Upper
117 100
82 55.9 44.1 66.1
119 32.7 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

Tgt Ion:152 Resp: 65726
Ion Ratio Lower Upper
152 100
115 62.2 31.9 95.5
150 157.9 0.0 358.0

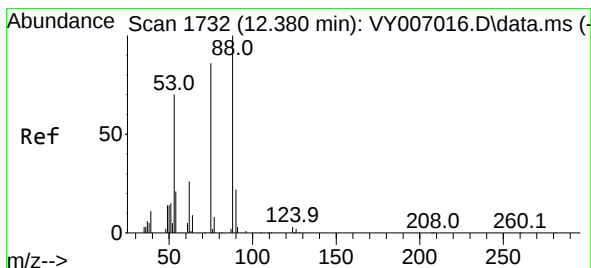
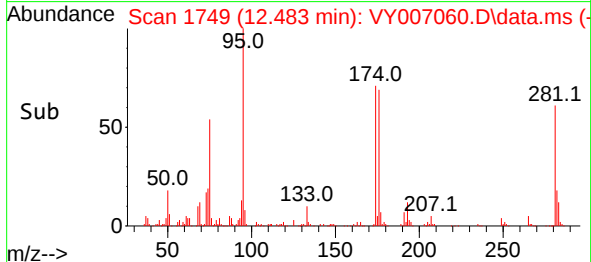
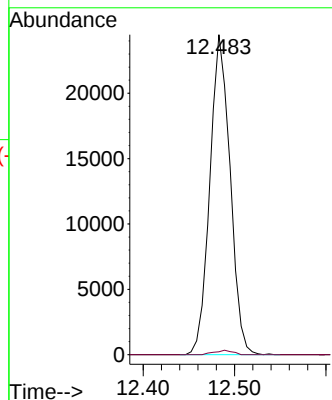
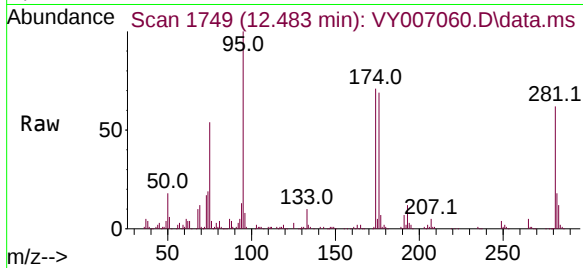




#76
1,2,3-Trichloropropane
Concen: 45.438 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37617
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.988 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY007060.D
Acq: 07 Jan 2022 18:02

Tgt Ion: 75 Resp: 37617
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 1.8 0.0 0.0#

