

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007035.D
 Acq On : 06 Jan 2022 16:17
 Operator : SY/MD
 Sample : N1047-03
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:48:23 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)

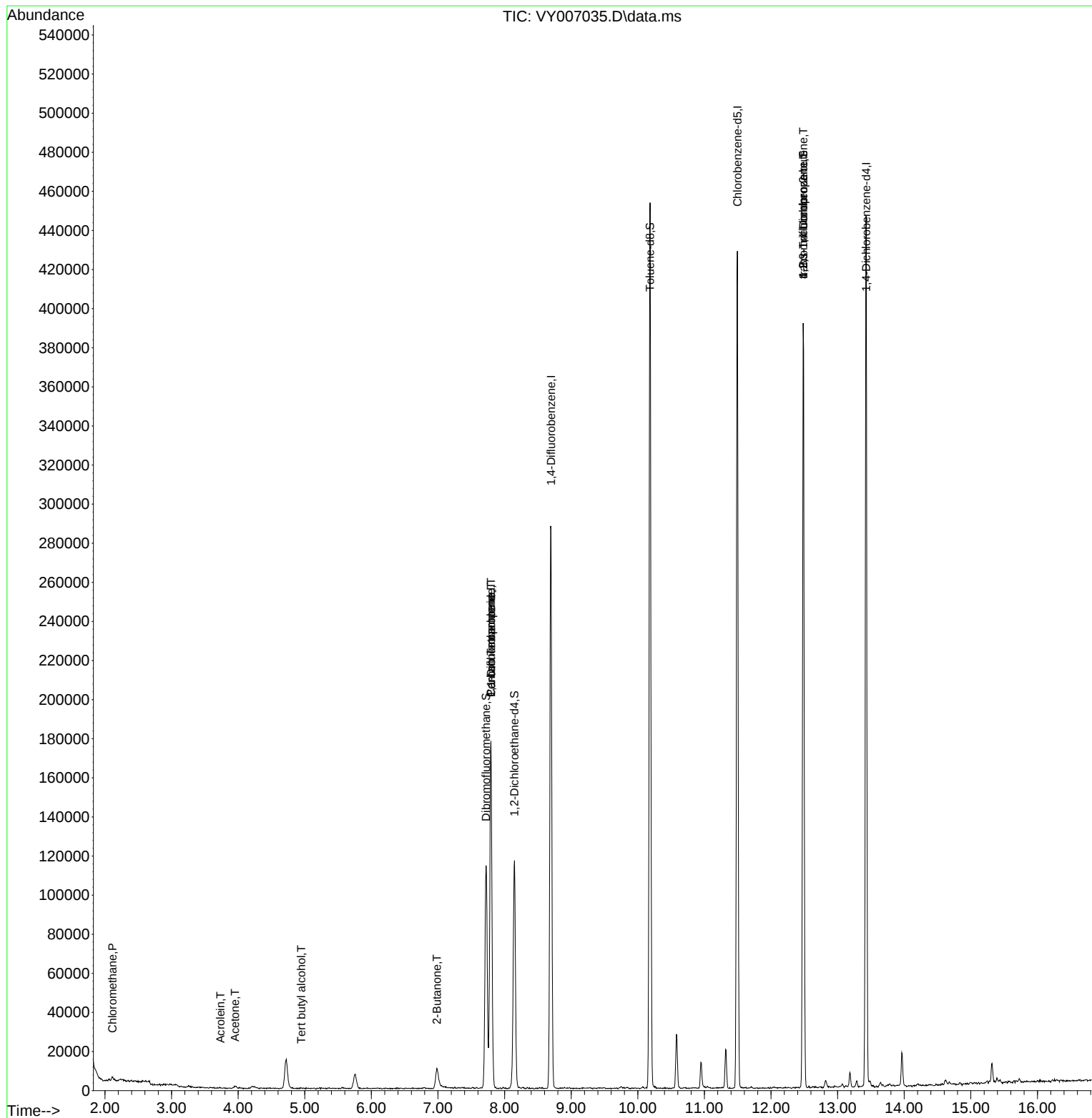
Internal Standards						
1) Pentafluorobenzene	7.795	168	133194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	238292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93221	59.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.580%	
35) Dibromofluoromethane	7.722	113	85157	51.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.185	98	307510	50.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.483	95	118001	51.205	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.420%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1534	1.676	ug/l	96
11) Tert butyl alcohol	4.948	59	236	1.665	ug/l #	71
13) Acrolein	3.735	56	56	1.277	ug/l #	1
16) Acetone	3.954	43	2186	6.311	ug/l #	75
20) Methylene Chloride	4.722	84	11422	Below Cal		94
25) 2-Butanone	6.984	43	950	1.905	ug/l #	46
36) 1,1-Dichloropropene	7.795	75	11198	4.080	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14460	5.037	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	61017	43.278	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61017	79.045	ug/l #	4

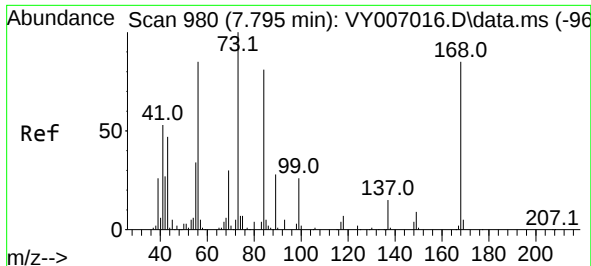
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
Data File : VY007035.D
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Misc : 6.22g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 07 11:48:23 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

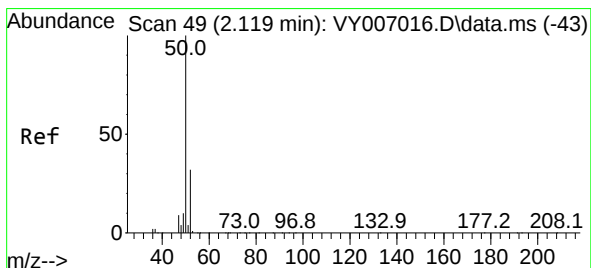
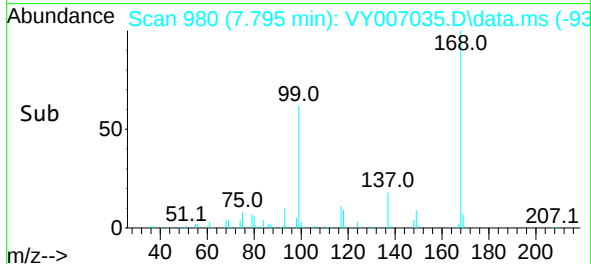
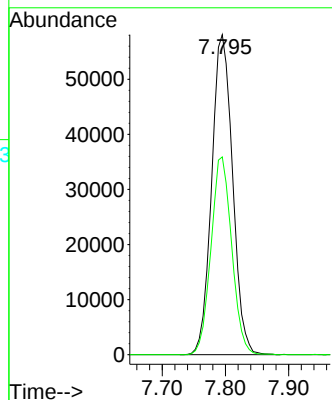
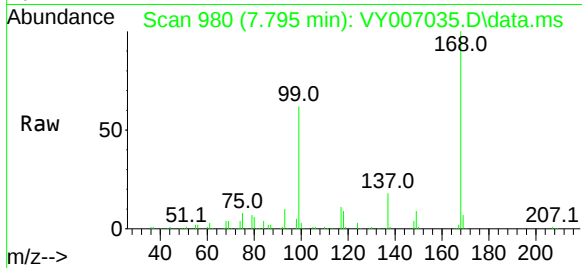




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

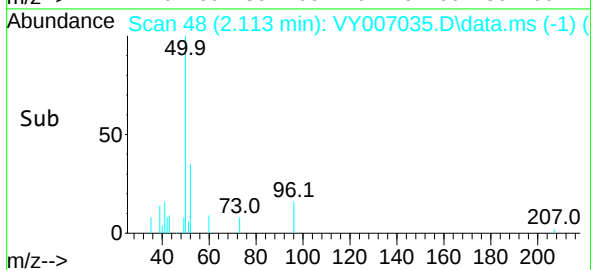
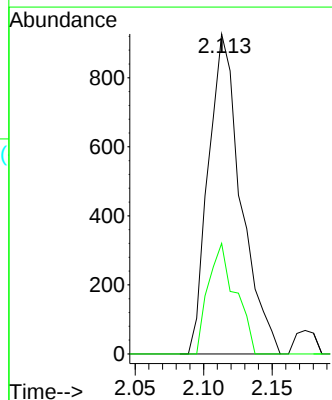
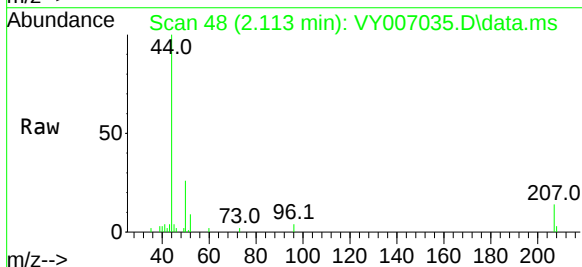
Instrument :
MSVOA_Y
ClientSampleId :

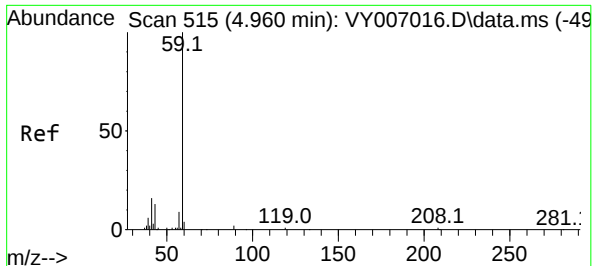
Tgt Ion:168 Resp: 133194
Ion Ratio Lower Upper
168 100
99 61.8 48.9 73.3



#3
Chloromethane
Concen: 1.676 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

Tgt Ion: 50 Resp: 1534
Ion Ratio Lower Upper
50 100
52 34.5 25.8 38.8





#11

Tert butyl alcohol

Concen: 1.665 ug/l

RT: 4.948 min Scan# 51

Delta R.T. -0.012 min

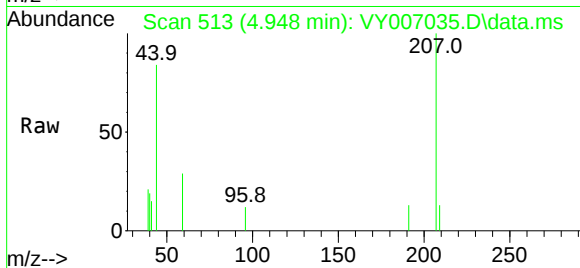
Lab File: VY007035.D

Acq: 06 Jan 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

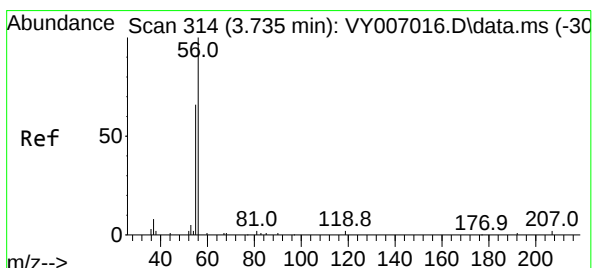
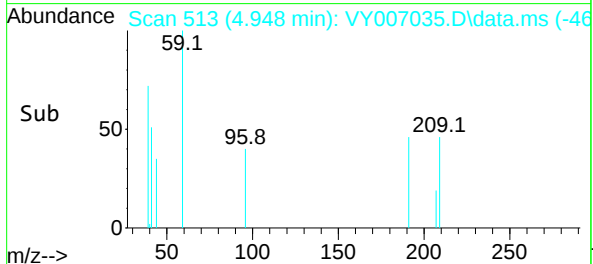
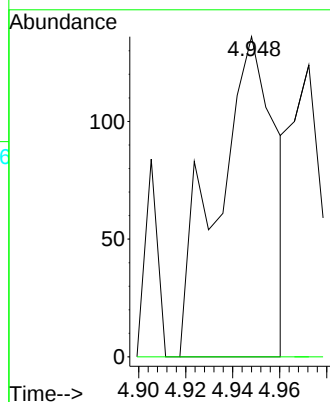


Tgt Ion: 59 Resp: 236

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#13

Acrolein

Concen: 1.277 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY007035.D

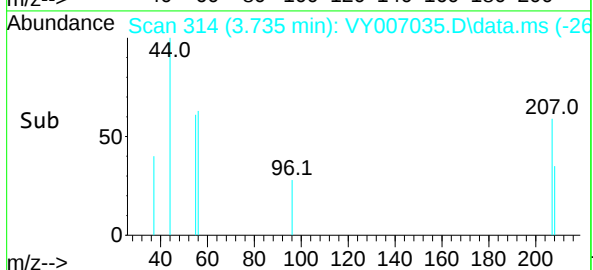
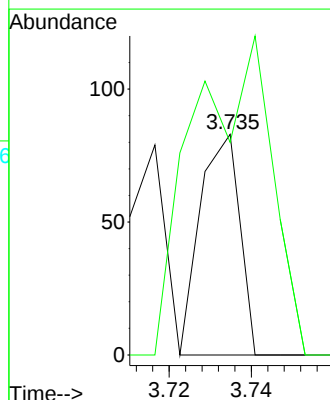
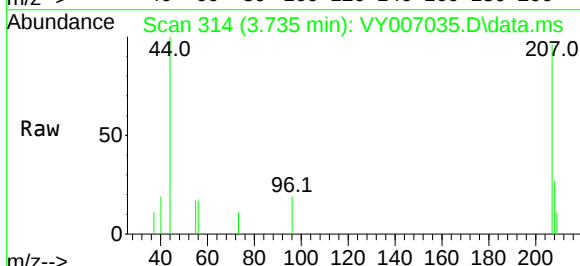
Acq: 06 Jan 2022 16:17

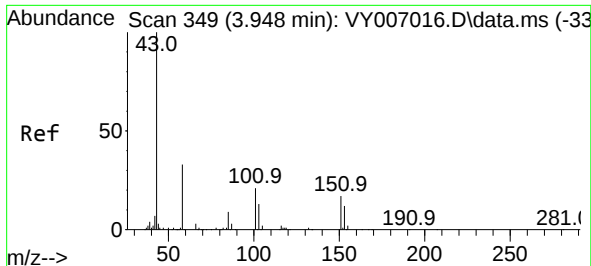
Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

56 100

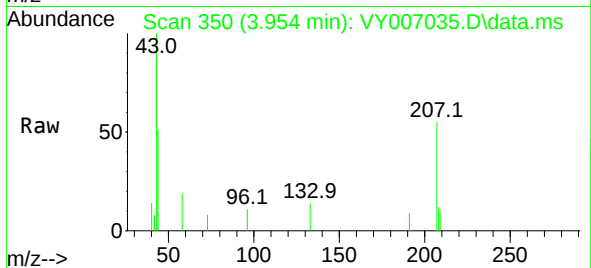
55 280.4 54.6 82.0#



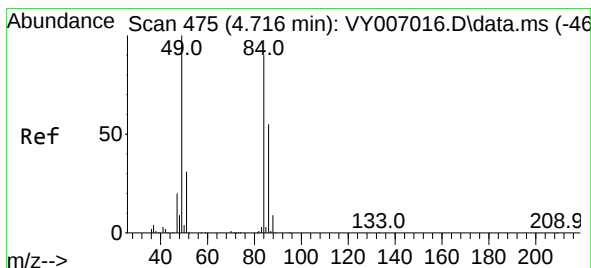
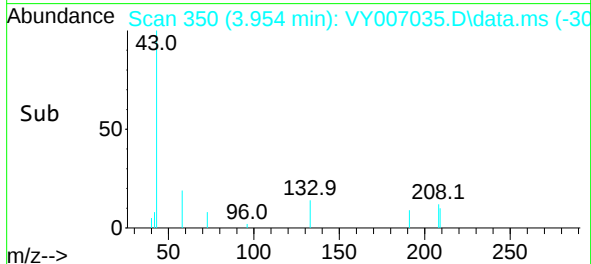
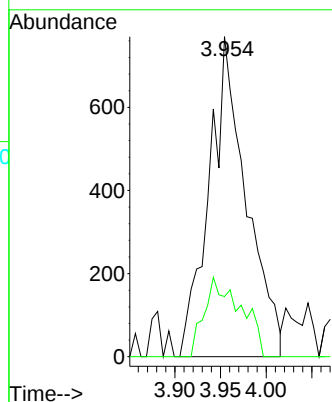


#16
Acetone
Concen: 6.311 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

Instrument :
MSVOA_Y
ClientSampleId :

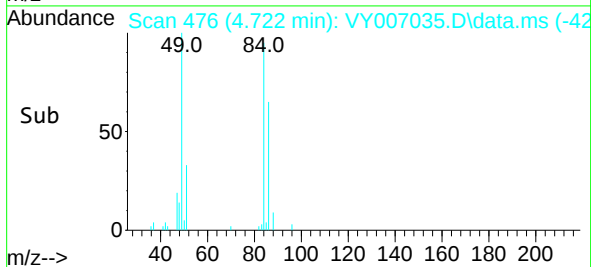
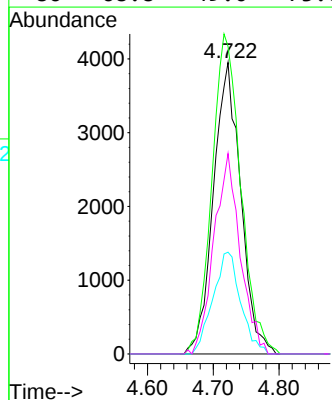
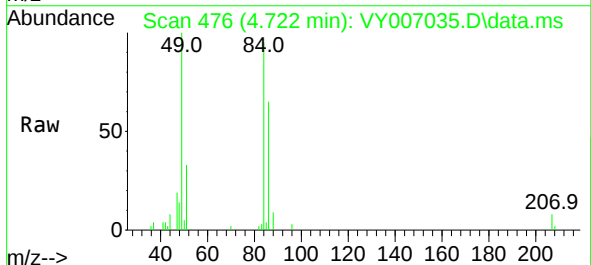


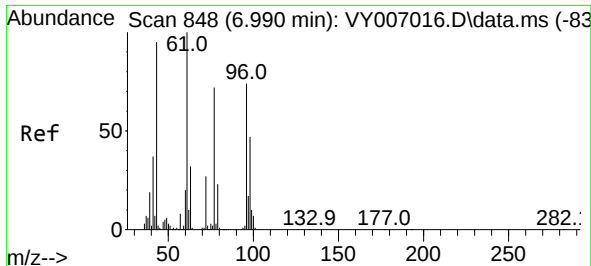
Tgt Ion: 43 Resp: 2186
Ion Ratio Lower Upper
43 100
58 18.8 26.3 39.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

Tgt Ion: 84 Resp: 11422
Ion Ratio Lower Upper
84 100
49 105.5 89.4 134.0
51 34.9 27.7 41.5
86 68.8 49.0 73.6

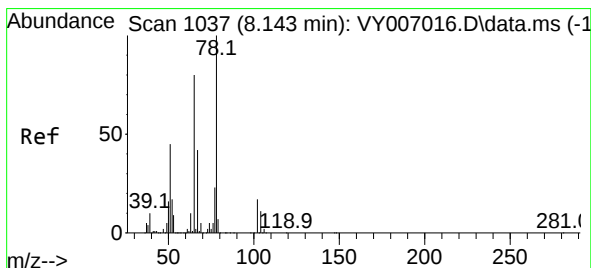
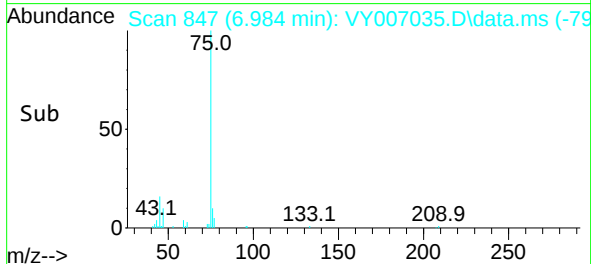
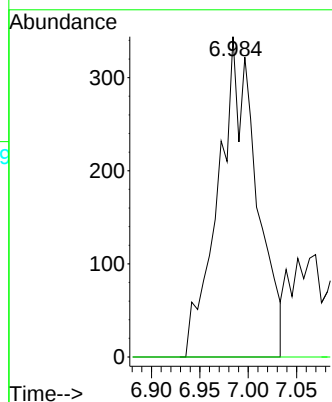
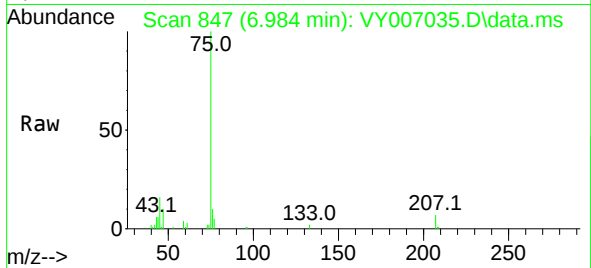




#25
2-Butanone
Concen: 1.905 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

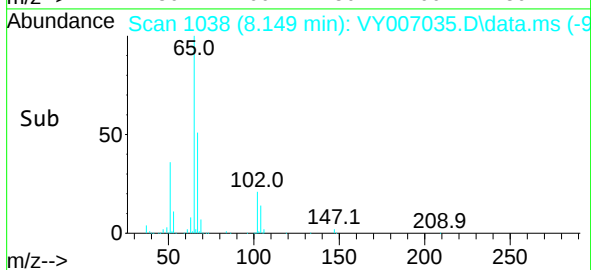
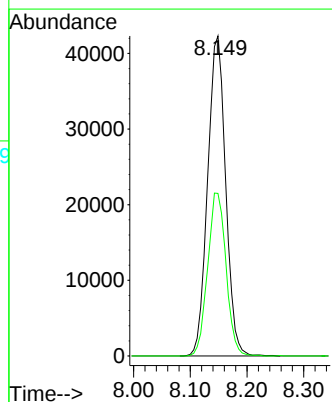
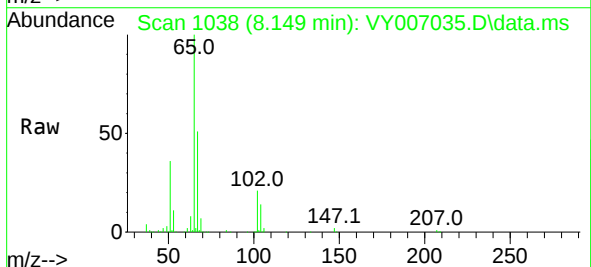
Instrument :
MSVOA_Y
ClientSampleId :

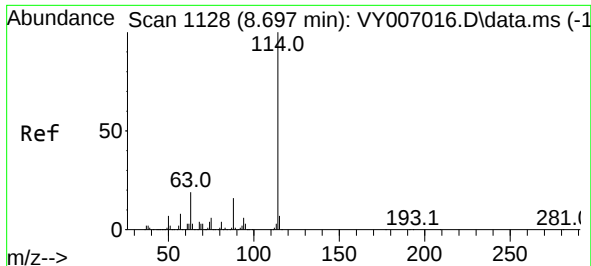
Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#



#33
1,2-Dichloroethane-d4
Concen: 59.292 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

Tgt Ion: 65 Resp: 93221
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007035.D

Acq: 06 Jan 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

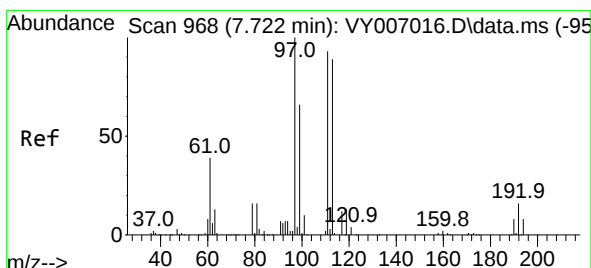
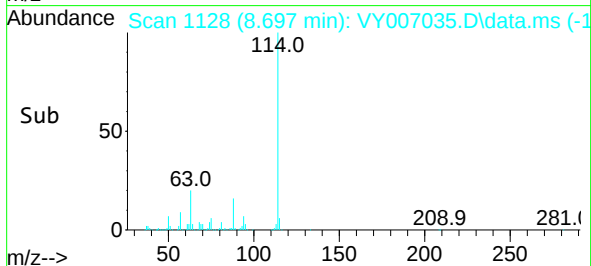
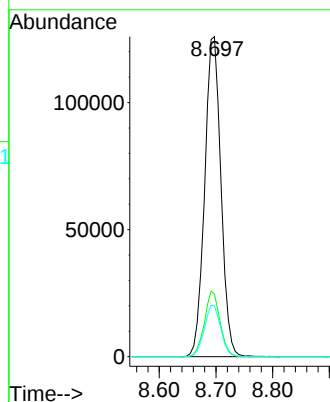
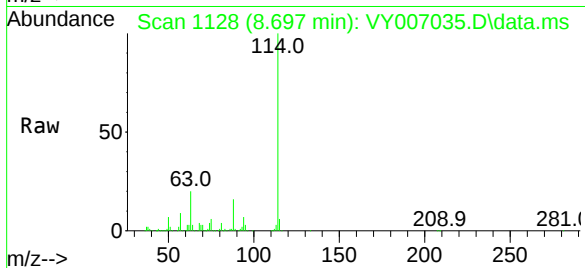
Tgt Ion:114 Resp: 250539

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 15.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.707 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007035.D

Acq: 06 Jan 2022 16:17

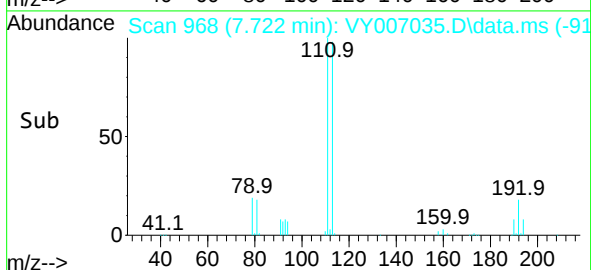
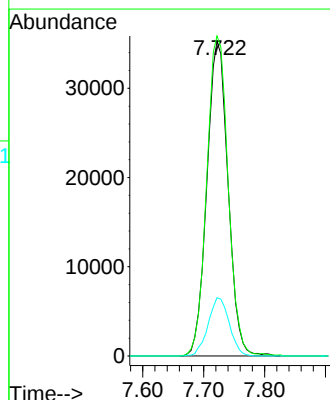
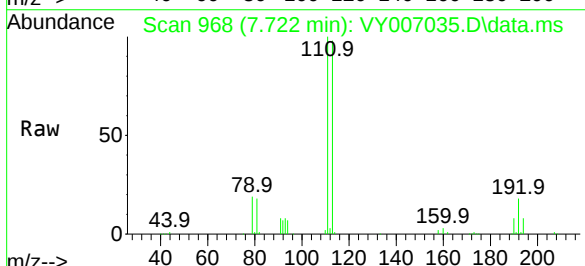
Tgt Ion:113 Resp: 85157

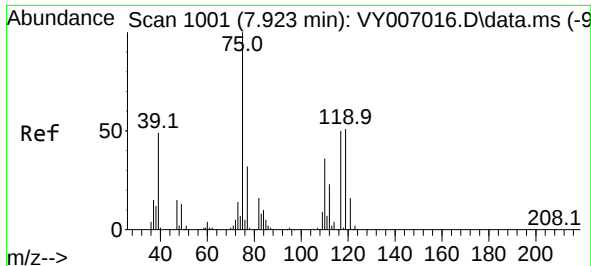
Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

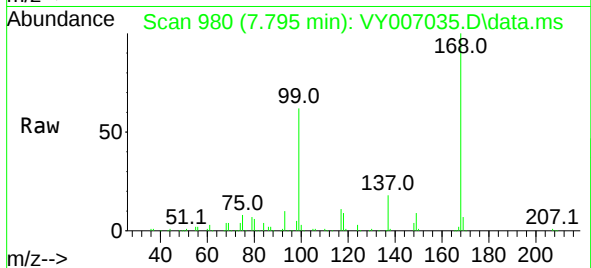
192 18.5 14.6 21.8



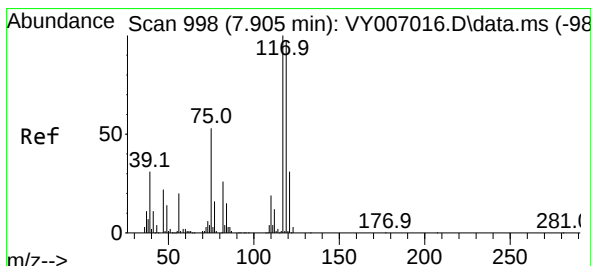
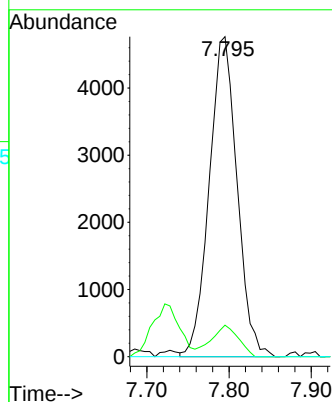
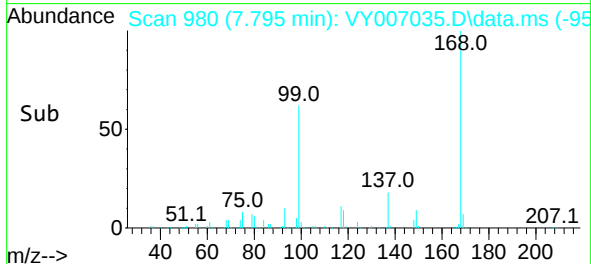


#36
1,1-Dichloropropene
Concen: 4.080 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

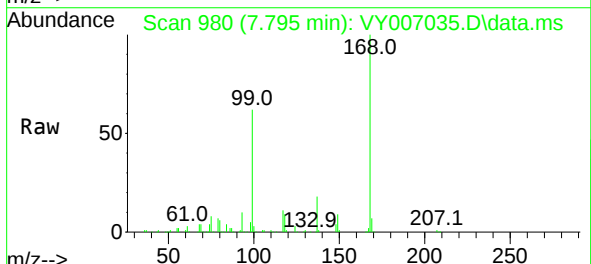
Instrument :
MSVOA_Y
ClientSampleId :



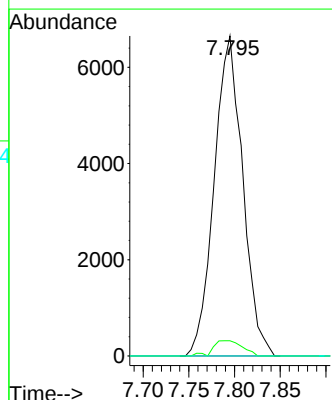
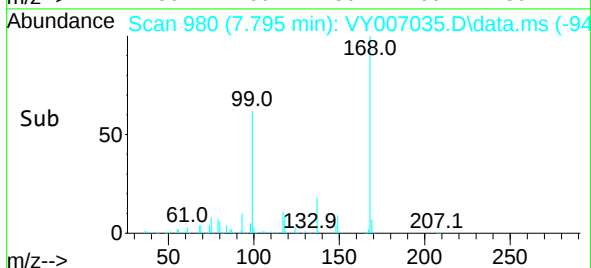
Tgt Ion: 75 Resp: 11198
Ion Ratio Lower Upper
75 100
110 9.6 18.0 54.0#
77 0.0 25.4 38.2#

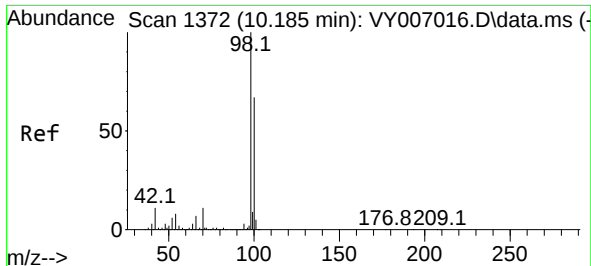


#38
Carbon Tetrachloride
Concen: 5.037 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17



Tgt Ion: 117 Resp: 14460
Ion Ratio Lower Upper
117 100
119 4.8 77.7 116.5#
121 0.0 24.4 36.6#

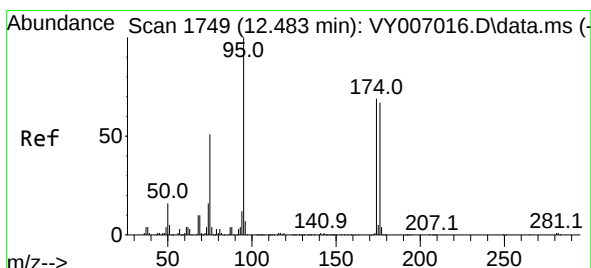
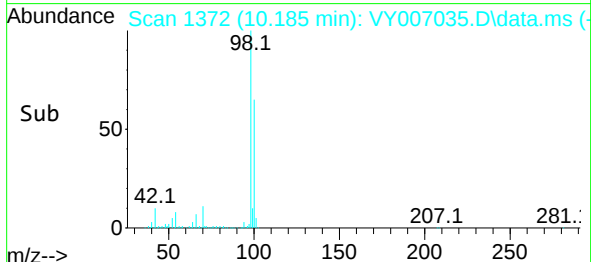
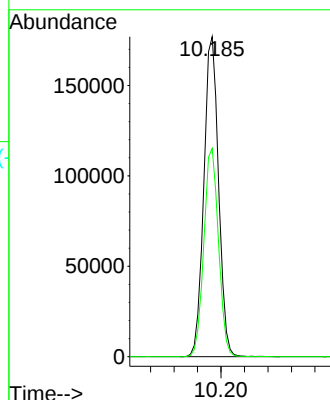
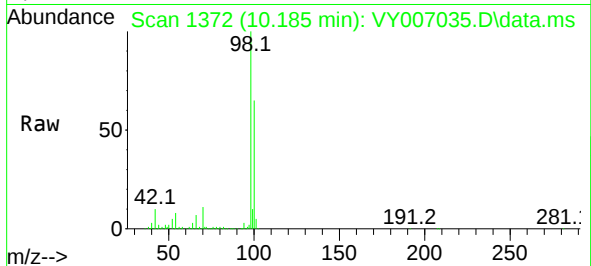




#50
Toluene-d8
Concen: 50.255 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

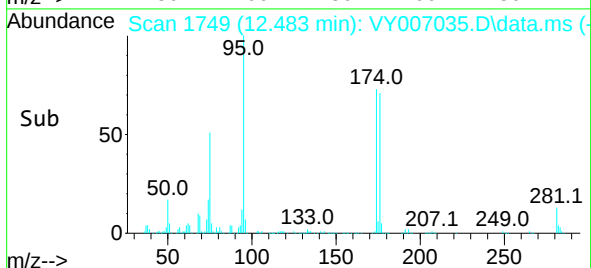
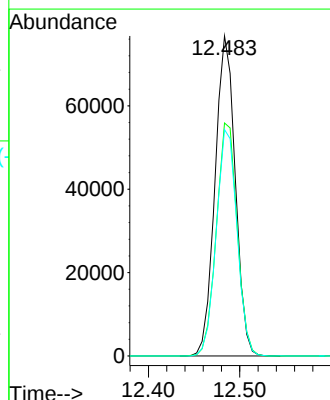
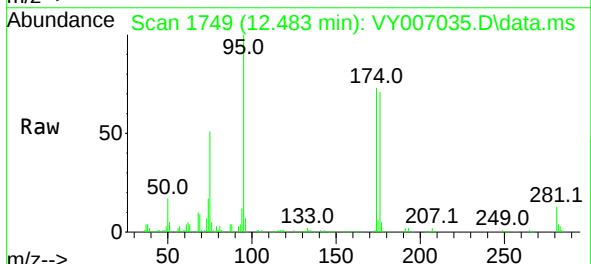
Instrument :
MSVOA_Y
ClientSampleId :

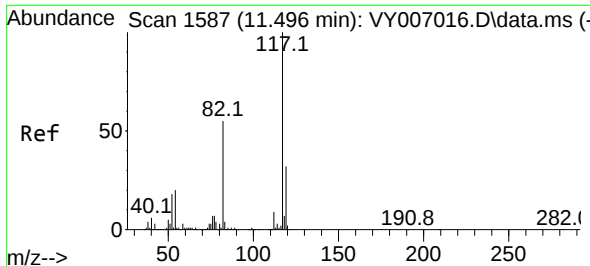
Tgt Ion: 98 Resp: 307510
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.205 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

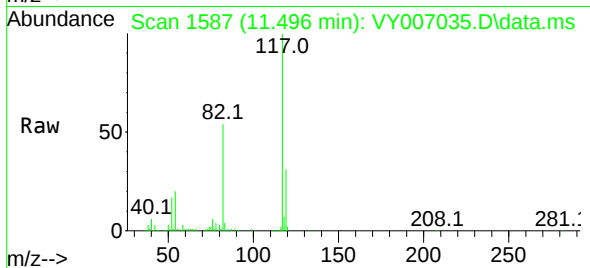
Tgt Ion: 95 Resp: 118001
Ion Ratio Lower Upper
95 100
174 74.8 0.0 144.6
176 72.6 0.0 141.0



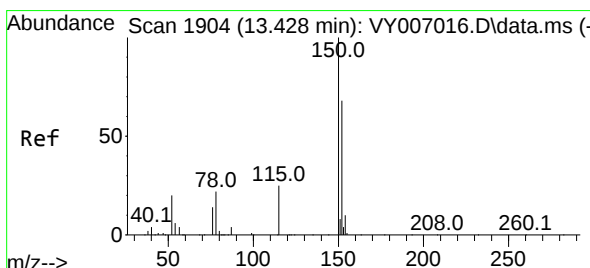
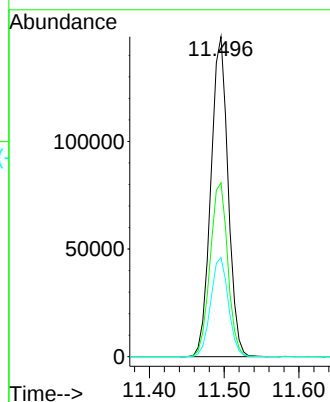
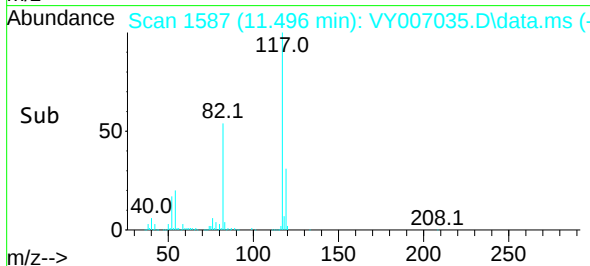


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17

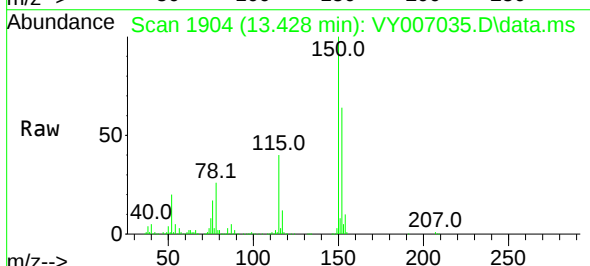
Instrument :
MSVOA_Y
ClientSampleId :



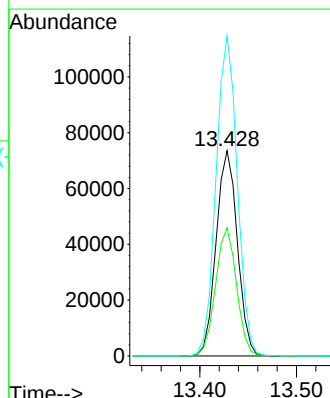
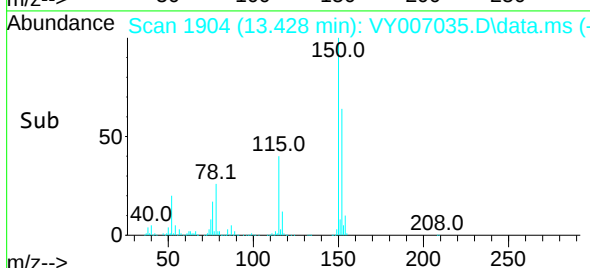
Tgt Ion:117 Resp: 238292
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 30.9 25.3 37.9

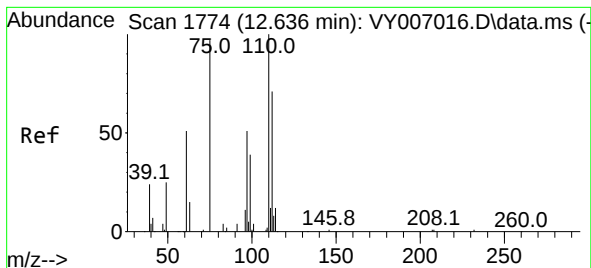


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007035.D
Acq: 06 Jan 2022 16:17



Tgt Ion:152 Resp: 111930
Ion Ratio Lower Upper
152 100
115 61.6 31.9 95.5
150 155.9 0.0 358.0





#76

1,2,3-Trichloropropane

Concen: 43.278 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007035.D

Acq: 06 Jan 2022 16:17

Instrument :

MSVOA_Y

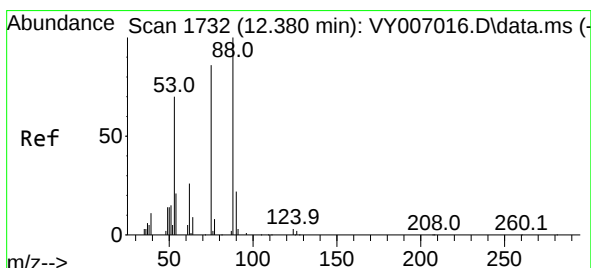
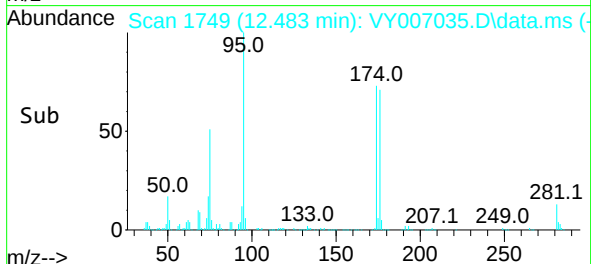
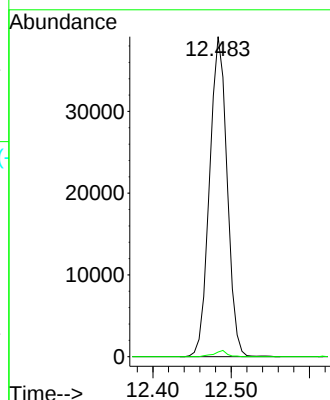
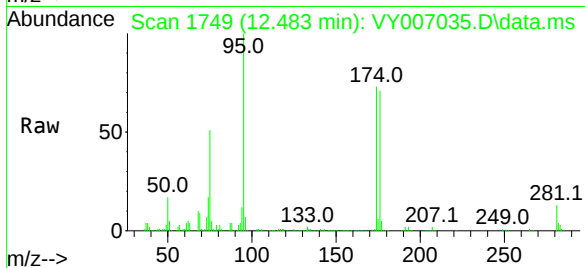
ClientSampleId :

Tgt Ion: 75 Resp: 61017

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.045 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY007035.D

Acq: 06 Jan 2022 16:17

Tgt Ion: 75 Resp: 61017

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.4#

89 0.4 0.0 0.0#

