

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007058.D
 Acq On : 07 Jan 2022 17:15
 Operator : SY/MD
 Sample : N1065-16
 Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:11:32 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	123865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90541	61.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.840%
35) Dibromofluoromethane	7.722	113	79137	51.082	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.185	98	287310	49.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.483	95	108921	50.246	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.500%

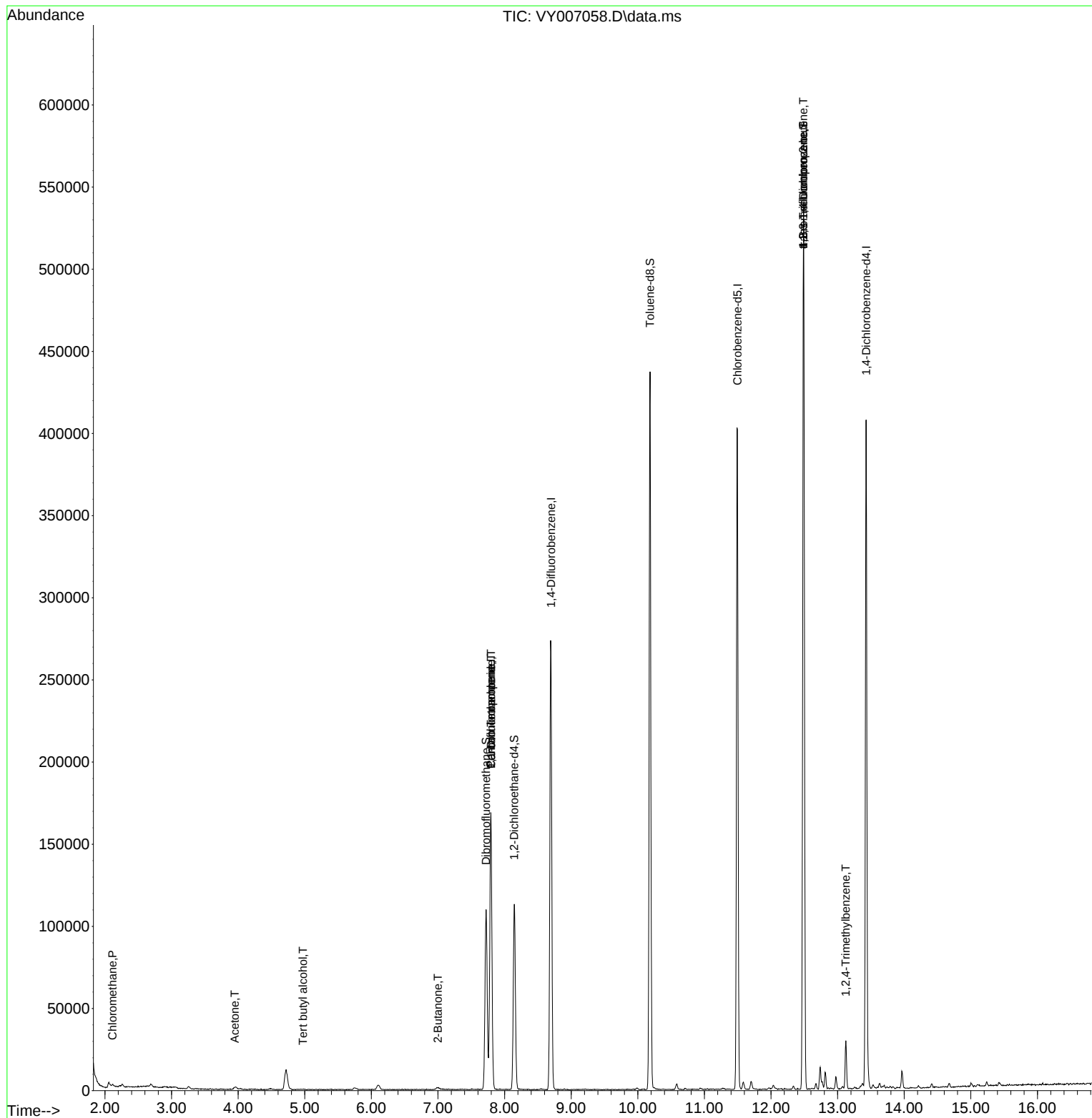
Target Compounds					Qvalue	
3) Chloromethane	2.113	50	821	1.001	ug/l	# 71
11) Tert butyl alcohol	4.972	59	216	1.638	ug/l	# 71
16) Acetone	3.948	43	2822	8.761	ug/l	94
20) Methylene Chloride	4.722	84	9264	Below Cal		97
25) 2-Butanone	6.996	43	801	1.727	ug/l	95
36) 1,1-Dichloropropene	7.795	75	10144	3.929	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	13810	5.114	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	57806	46.354	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	57806	84.662	ug/l	# 4
84) 1,2,4-Trimethylbenzene	13.123	105	15675	2.191	ug/l	100

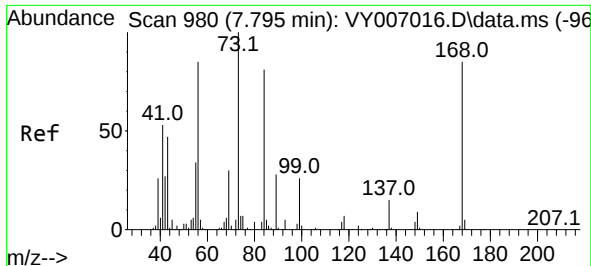
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
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ClientSampleId :

Quant Time: Jan 08 04:11:32 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

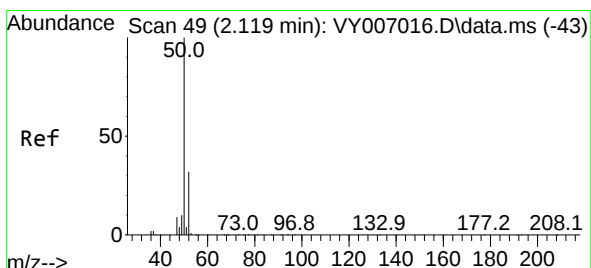
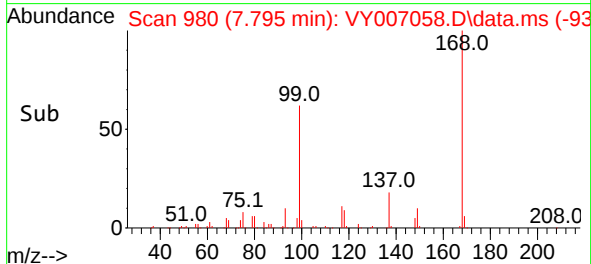
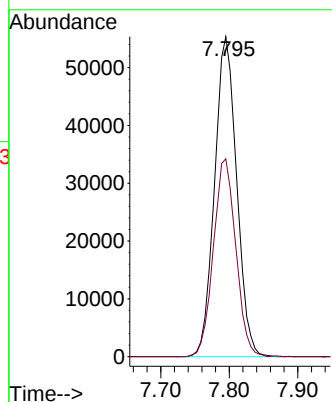
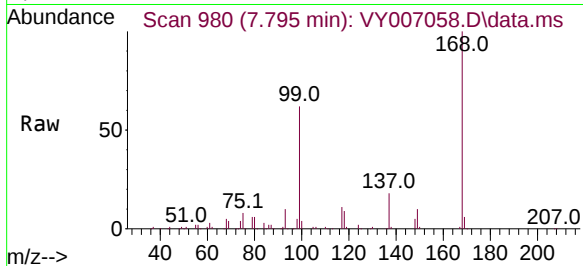




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

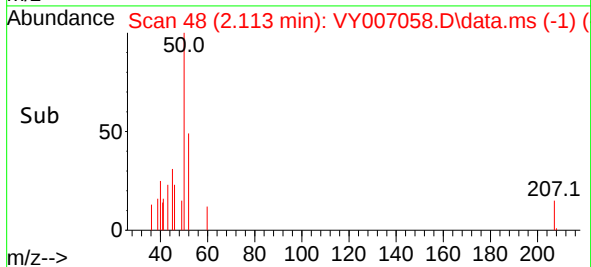
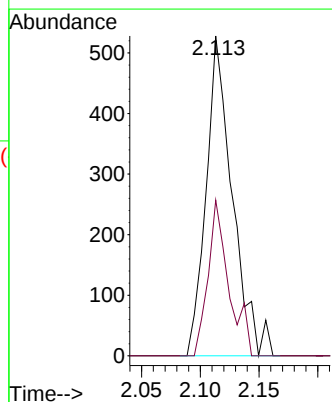
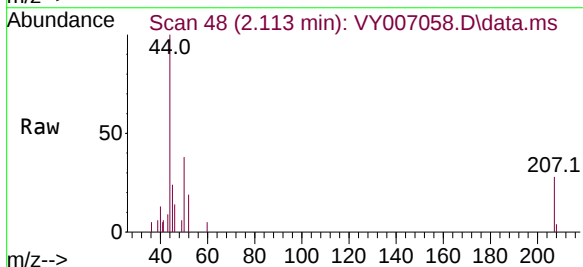
Instrument :
MSVOA_Y
ClientSampleId :

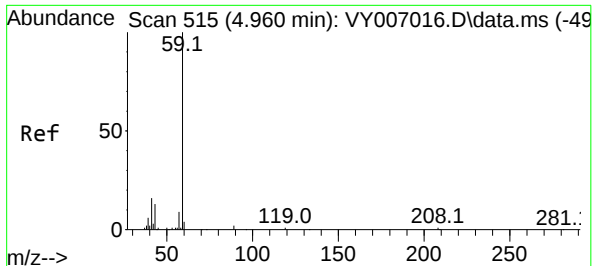
Tgt Ion:168 Resp: 123865
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#3
Chloromethane
Concen: 1.001 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

Tgt Ion: 50 Resp: 821
Ion Ratio Lower Upper
50 100
52 48.7 25.8 38.8#





#11

Tert butyl alcohol

Concen: 1.638 ug/l

RT: 4.972 min Scan# 515

Delta R.T. 0.012 min

Lab File: VY007058.D

Acq: 07 Jan 2022 17:15

Instrument :

MSVOA_Y

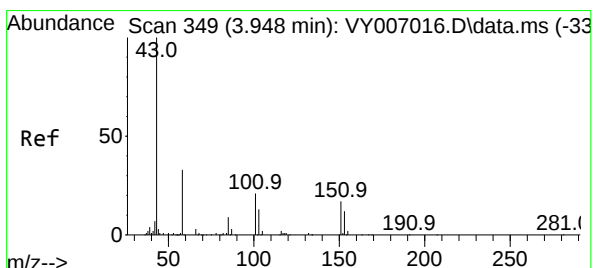
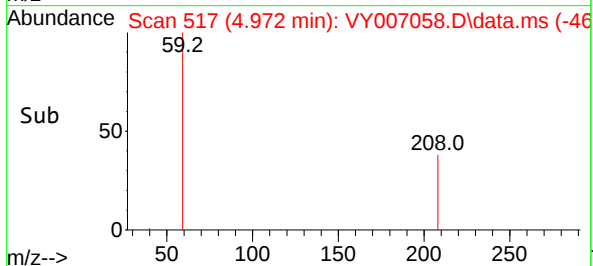
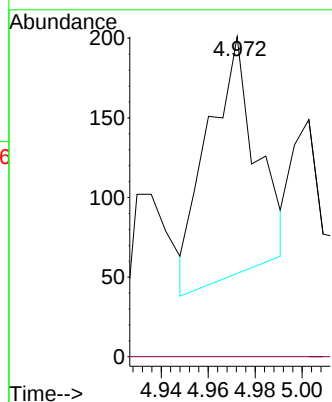
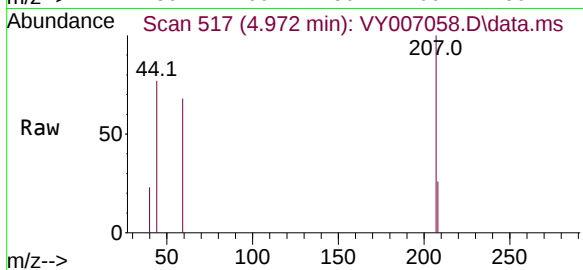
ClientSampleId :

Tgt Ion: 59 Resp: 216

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 8.761 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY007058.D

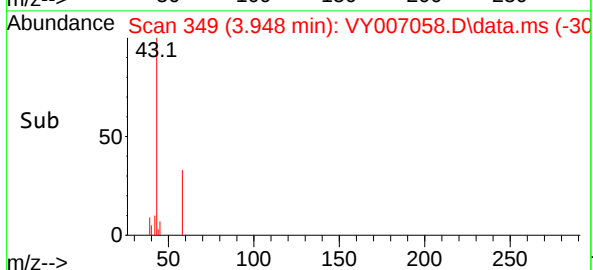
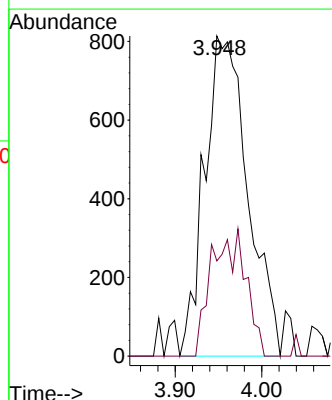
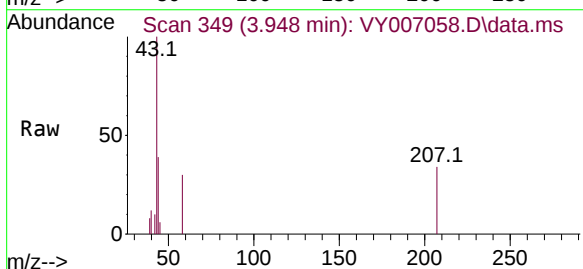
Acq: 07 Jan 2022 17:15

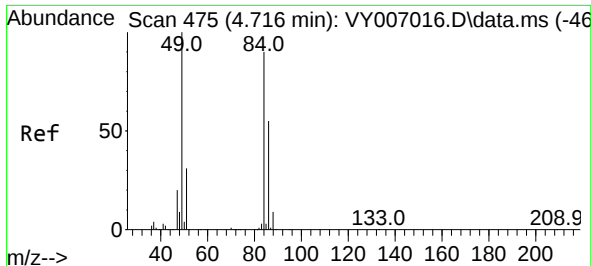
Tgt Ion: 43 Resp: 2822

Ion Ratio Lower Upper

43 100

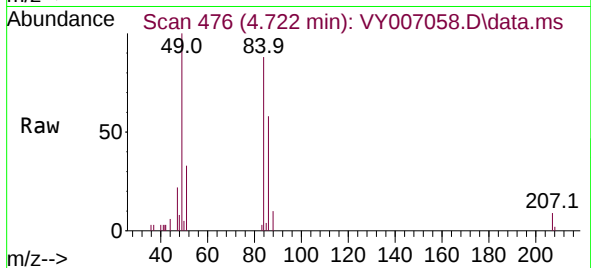
58 29.7 26.3 39.5



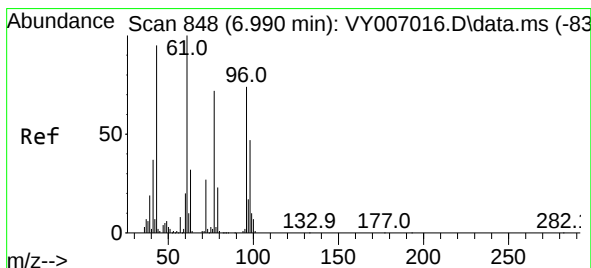
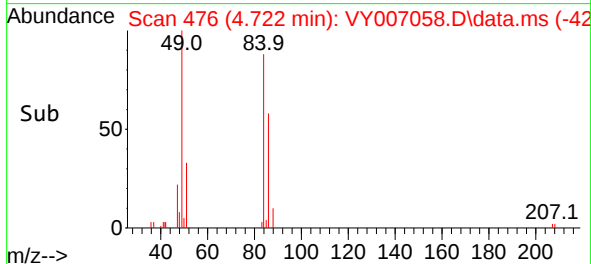
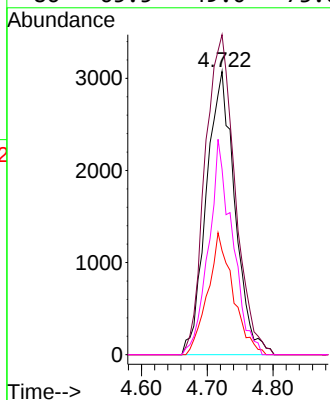


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :

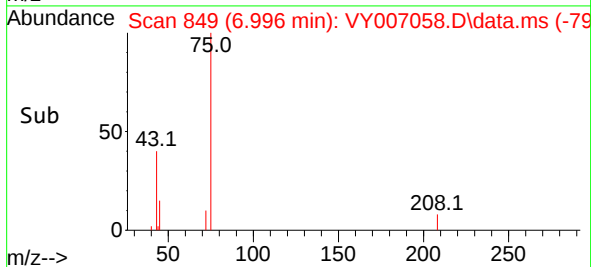
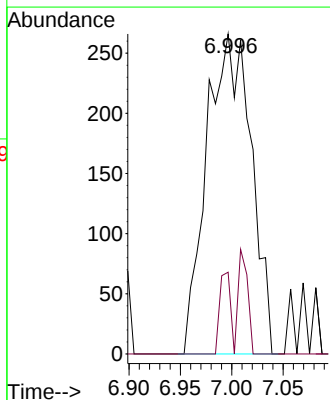
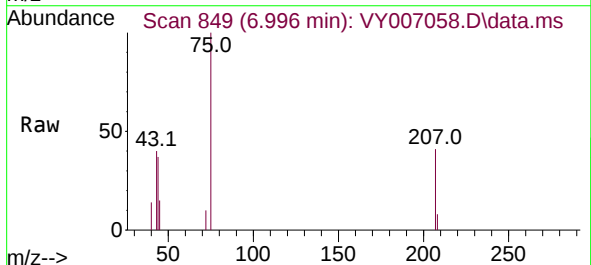


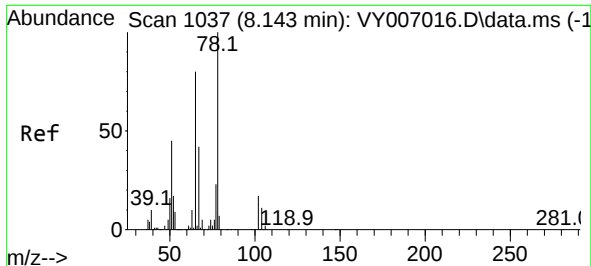
Tgt Ion: 84 Resp: 9264
Ion Ratio Lower Upper
84 100
49 113.0 89.4 134.0
51 36.8 27.7 41.5
86 65.5 49.0 73.6



#25
2-Butanone
Concen: 1.727 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
72 25.6 22.6 34.0





#33

1,2-Dichloroethane-d4

Concen: 61.924 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007058.D

Acq: 07 Jan 2022 17:15

Instrument :

MSVOA_Y

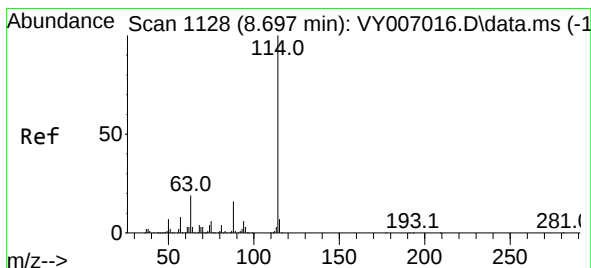
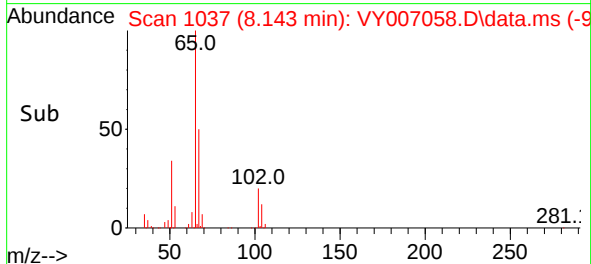
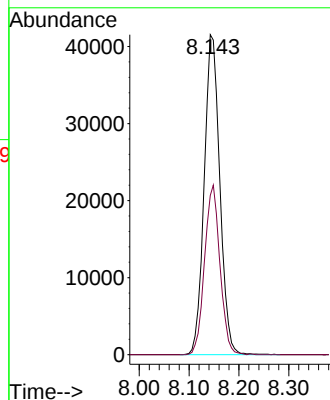
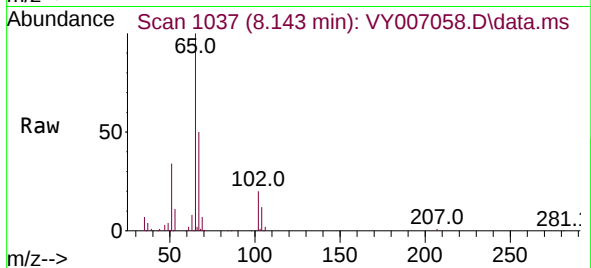
ClientSampleId :

Tgt Ion: 65 Resp: 90541

Ion Ratio Lower Upper

65 100

67 52.0 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: VY007058.D

Acq: 07 Jan 2022 17:15

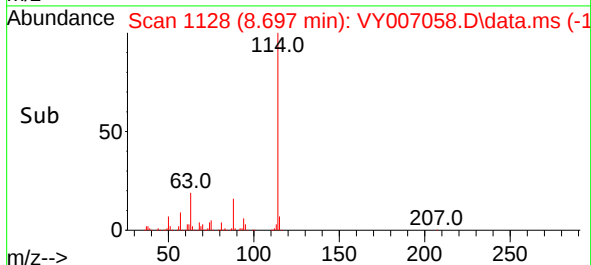
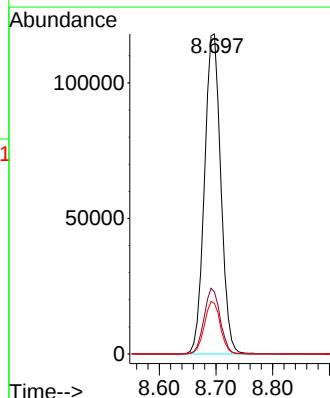
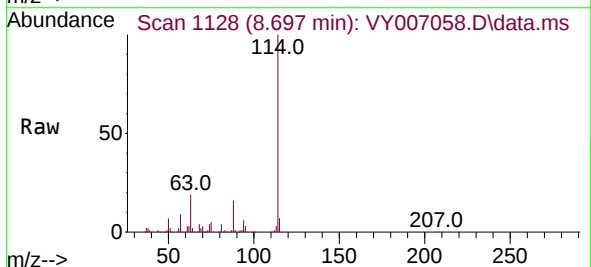
Tgt Ion: 114 Resp: 235678

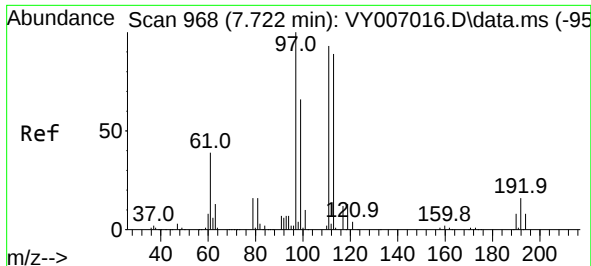
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

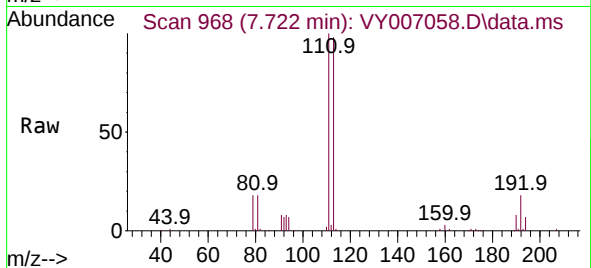
88 15.8 0.0 31.8



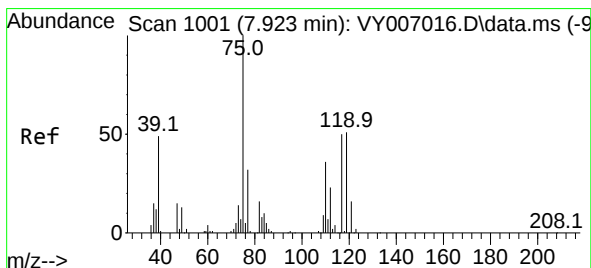
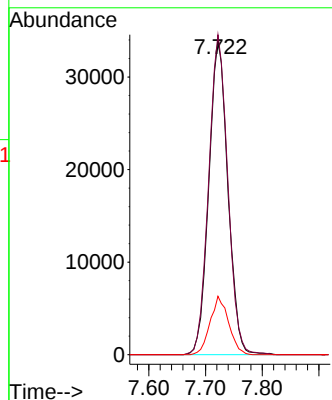
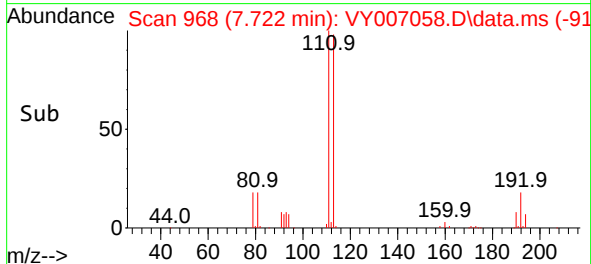


#35
Dibromofluoromethane
Concen: 51.082 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

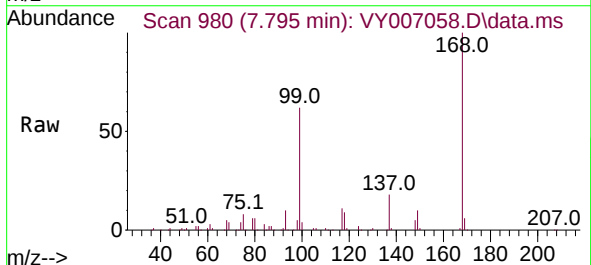
Instrument :
MSVOA_Y
ClientSampleId :



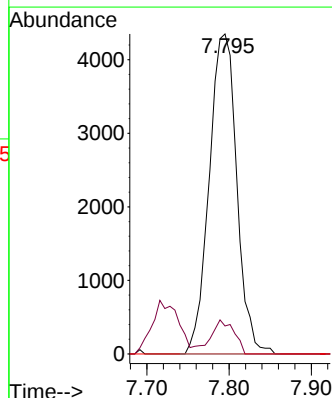
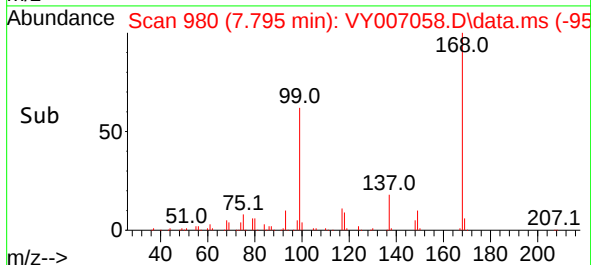
Tgt Ion:113 Resp: 79137
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 18.0 14.6 21.8

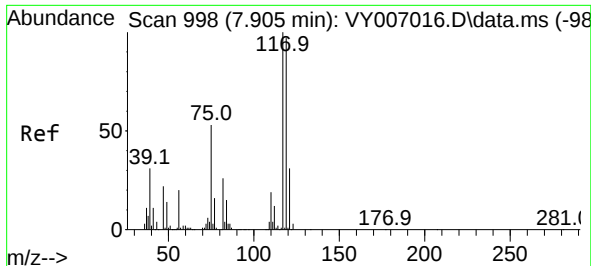


#36
1,1-Dichloropropene
Concen: 3.929 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15



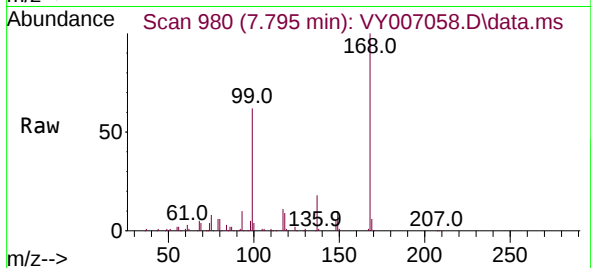
Tgt Ion: 75 Resp: 10144
Ion Ratio Lower Upper
75 100
110 8.9 18.0 54.0#
77 0.0 25.4 38.2#



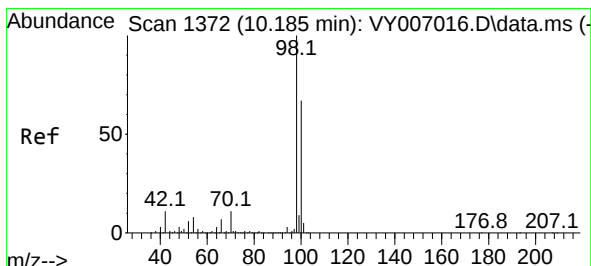
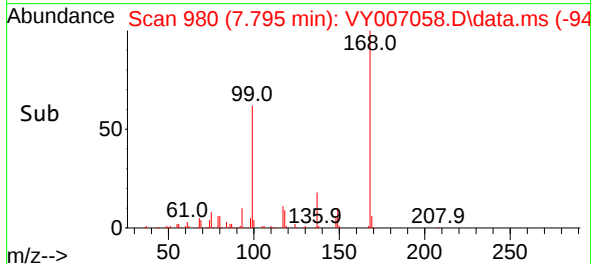
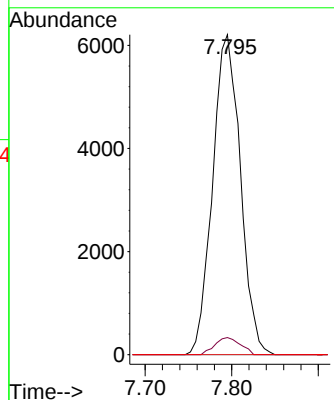


#38
Carbon Tetrachloride
Concen: 5.114 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :

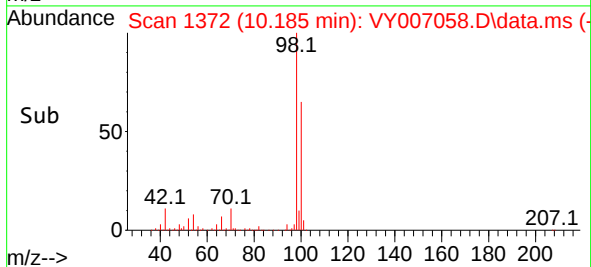
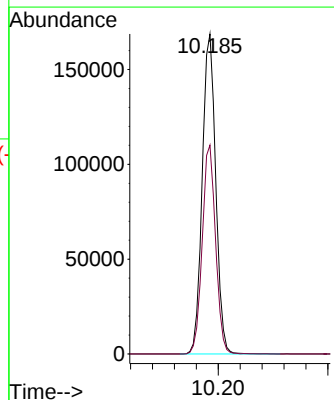
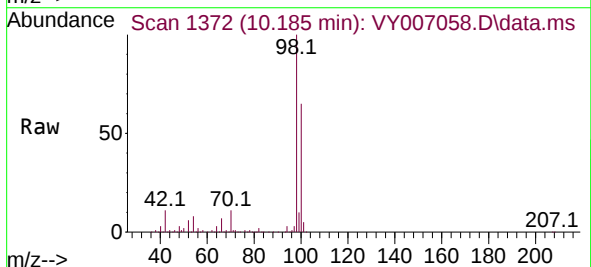


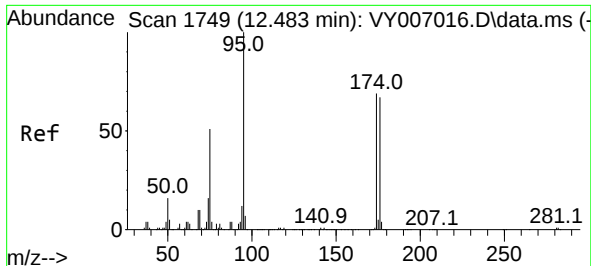
Tgt Ion:117 Resp: 13810
Ion Ratio Lower Upper
117 100
119 5.3 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.915 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

Tgt Ion: 98 Resp: 287310
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2

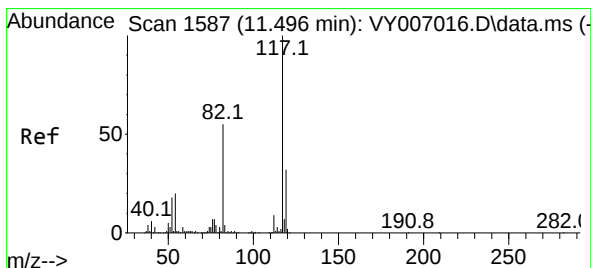
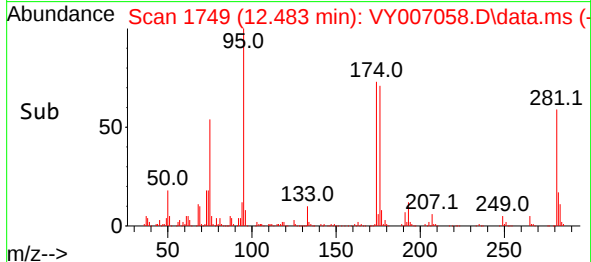
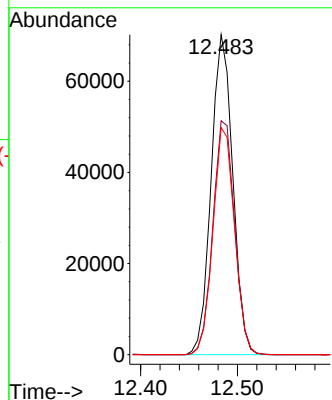
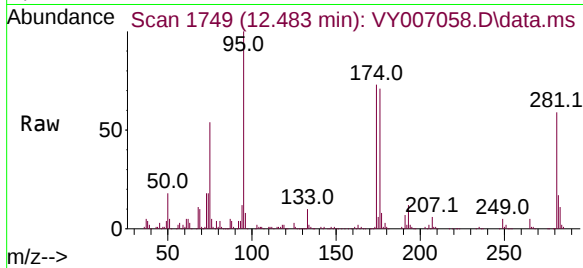




#62
4-Bromofluorobenzene
Concen: 50.246 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

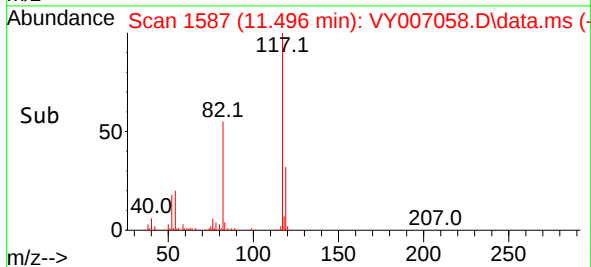
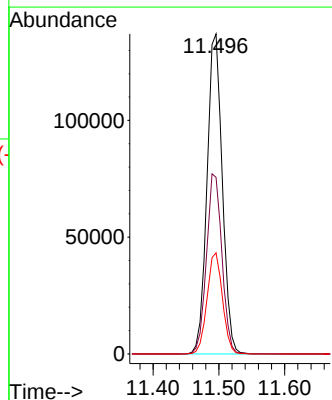
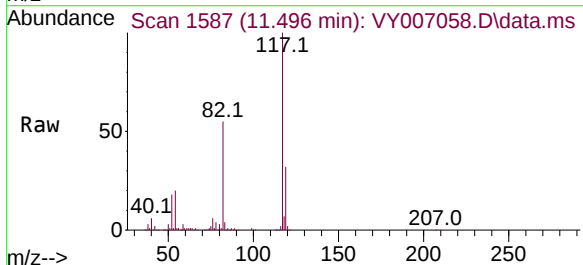
Instrument :
MSVOA_Y
ClientSampleId :

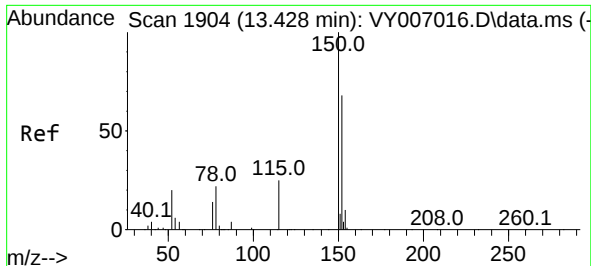
Tgt Ion: 95 Resp: 108921
Ion Ratio Lower Upper
95 100
174 74.0 0.0 144.6
176 71.0 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007058.D
Acq: 07 Jan 2022 17:15

Tgt Ion: 117 Resp: 221421
Ion Ratio Lower Upper
117 100
82 55.2 44.1 66.1
119 31.6 25.3 37.9

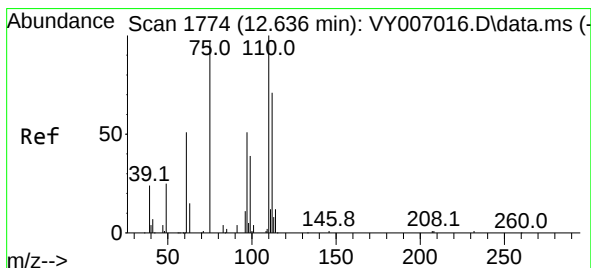
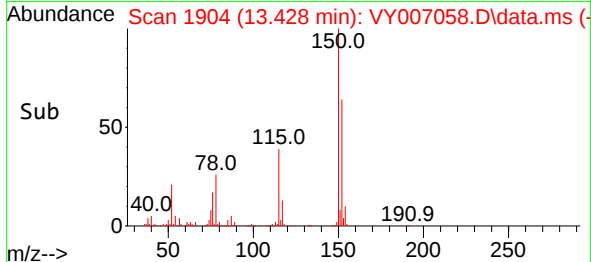
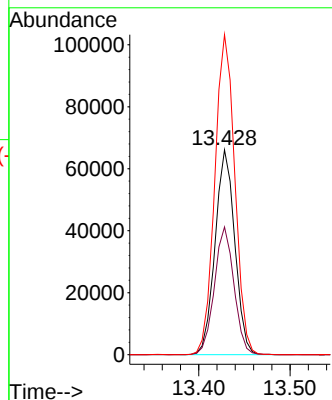
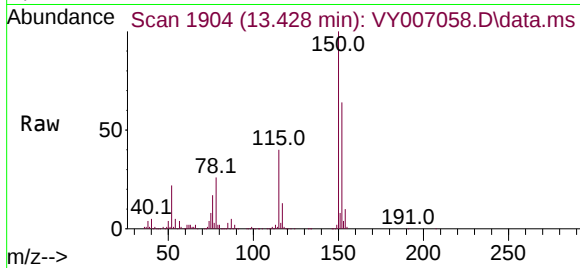




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY007058.D
 Acq: 07 Jan 2022 17:15

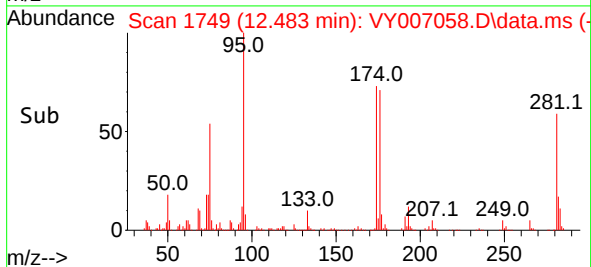
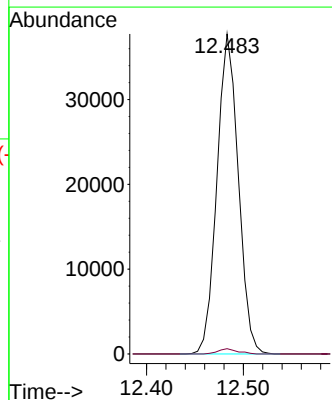
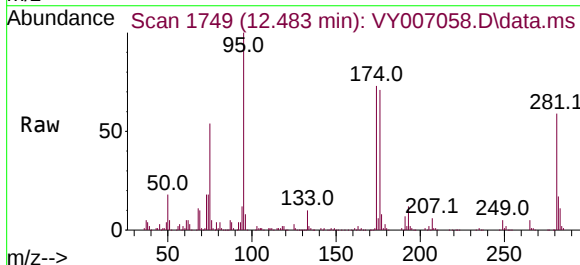
Instrument :
 MSVOA_Y
 ClientSampleId :

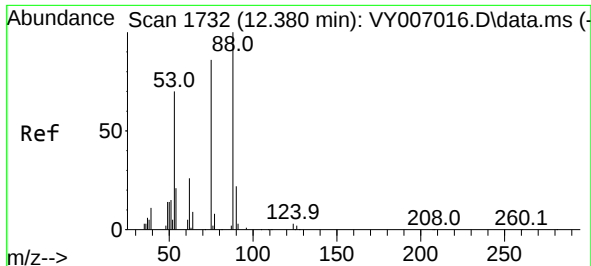
Tgt Ion:152 Resp: 99004
 Ion Ratio Lower Upper
 152 100
 115 62.0 31.9 95.5
 150 158.6 0.0 358.0



#76
 1,2,3-Trichloropropane
 Concen: 46.354 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007058.D
 Acq: 07 Jan 2022 17:15

Tgt Ion: 75 Resp: 57806
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

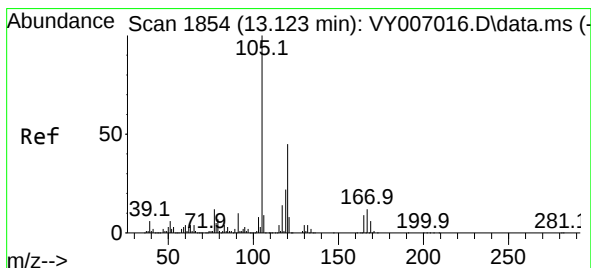
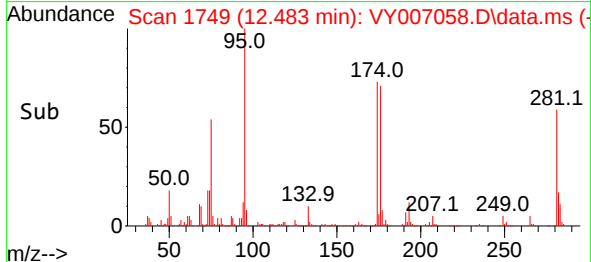
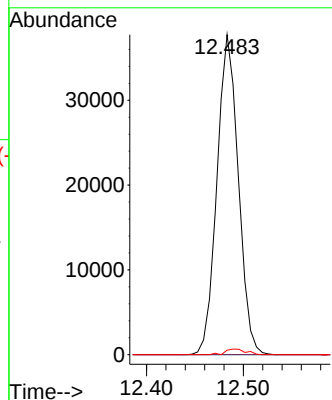
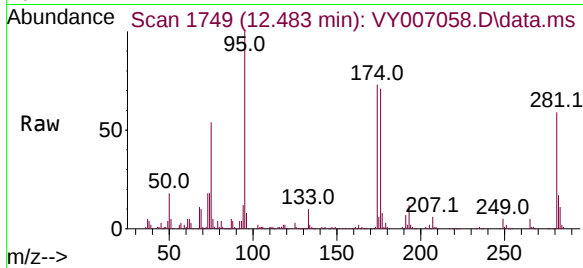




#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.662 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY007058.D
 Acq: 07 Jan 2022 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 57806
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.4#
 89 1.7 0.0 0.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.191 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY007058.D
 Acq: 07 Jan 2022 17:15

Tgt Ion: 105 Resp: 15675
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5

