

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007039.D
 Acq On : 06 Jan 2022 17:52
 Operator : SY/MD
 Sample : N1049-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:48:48 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)

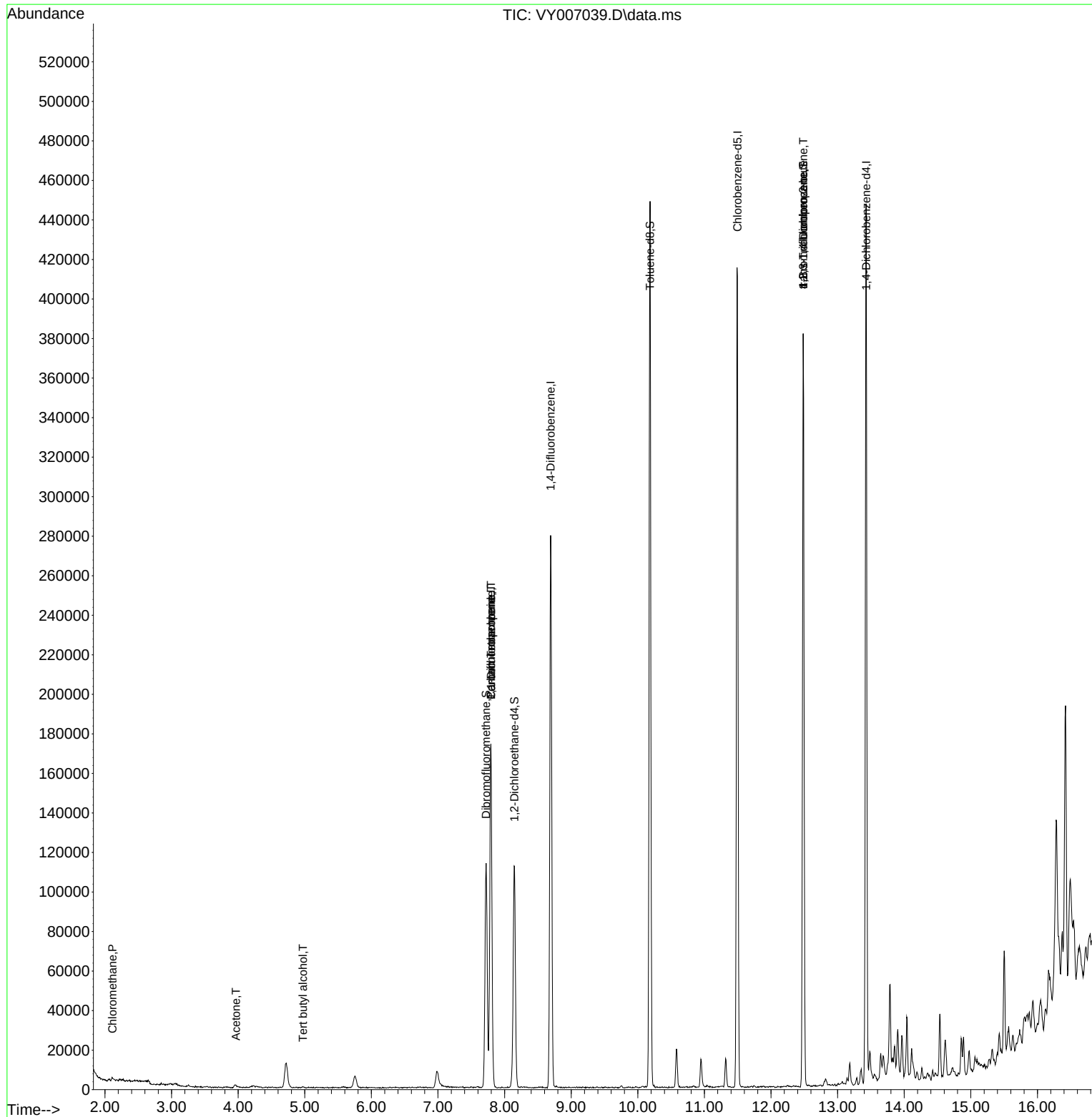
Internal Standards						
1) Pentafluorobenzene	7.795	168	130803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88242	57.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.300%	
35) Dibromofluoromethane	7.722	113	82535	51.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.580%	
50) Toluene-d8	10.185	98	300729	50.294	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.483	95	116372	51.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.360%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	919	1.056	ug/l	96
11) Tert butyl alcohol	4.972	59	407	2.923	ug/l #	71
16) Acetone	3.966	43	2368	6.961	ug/l	99
20) Methylene Chloride	4.722	84	9660	Below Cal		93
36) 1,1-Dichloropropene	7.795	75	10488	3.910	ug/l #	49
38) Carbon Tetrachloride	7.795	117	13629	4.858	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	59054	42.403	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59054	77.447	ug/l #	4

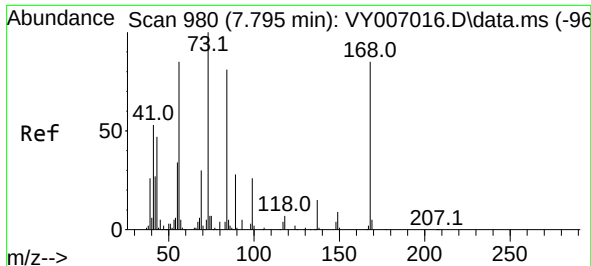
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:51:57 2022
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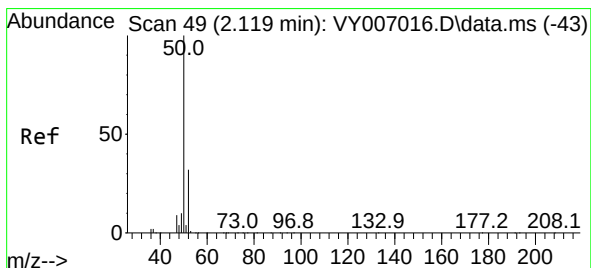
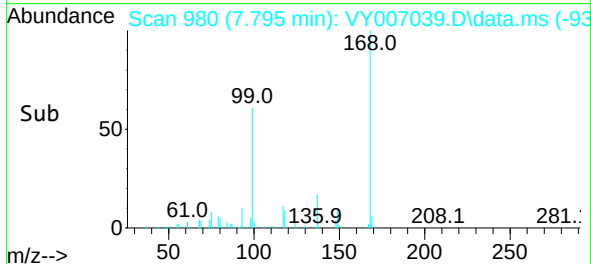
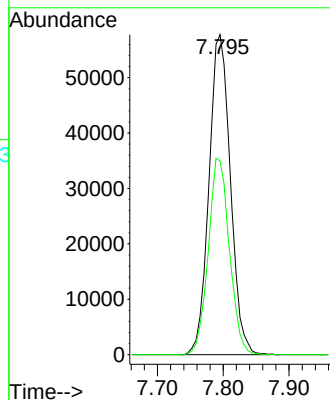
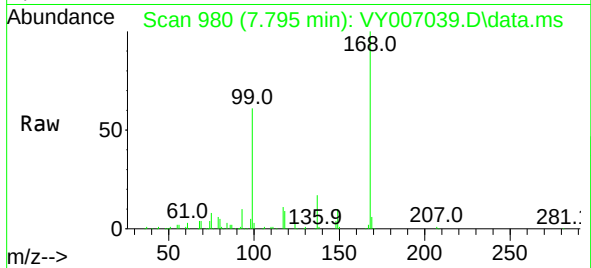




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

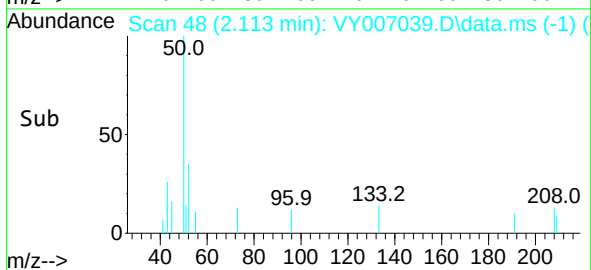
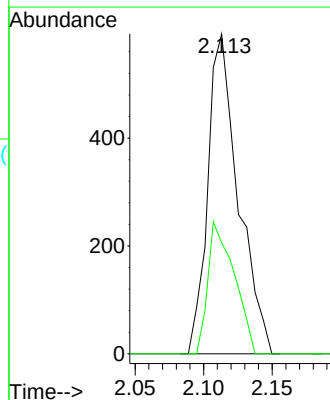
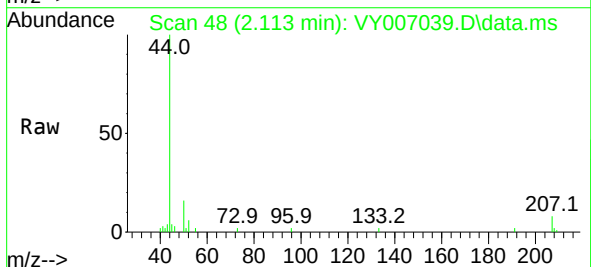
Instrument :
MSVOA_Y
ClientSampleId :

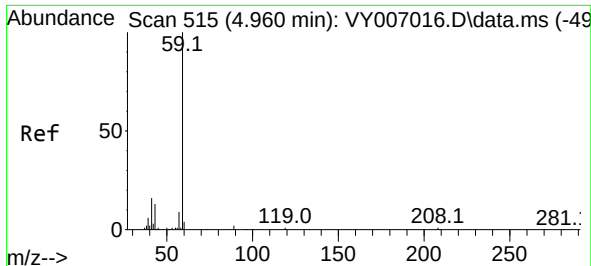
Tgt Ion:168 Resp: 130803
Ion Ratio Lower Upper
168 100
99 60.5 48.9 73.3



#3
Chloromethane
Concen: 1.056 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 34.7 25.8 38.8





#11

Tert butyl alcohol

Concen: 2.923 ug/l

RT: 4.972 min Scan# 51

Delta R.T. 0.012 min

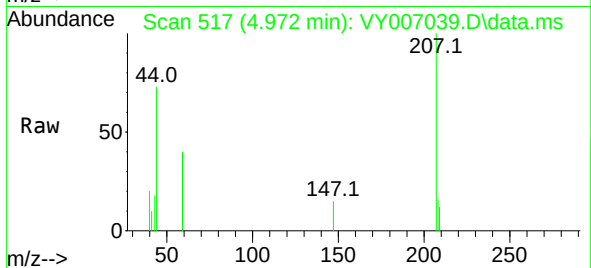
Lab File: VY007039.D

Acq: 06 Jan 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

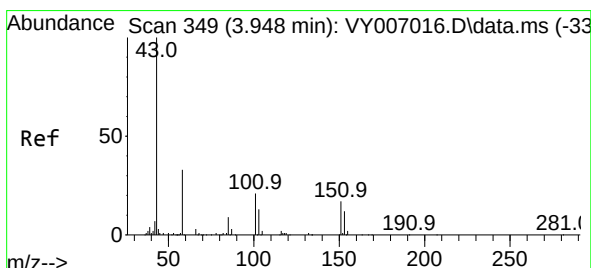
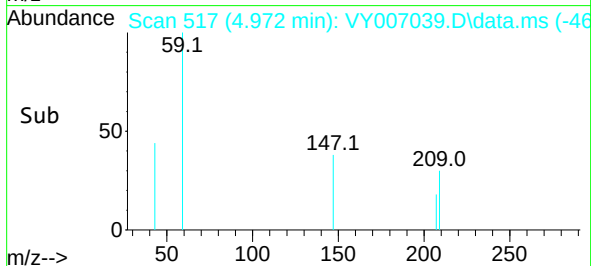
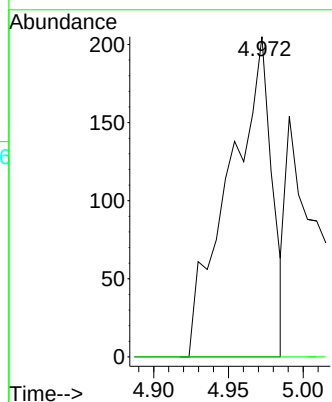


Tgt Ion: 59 Resp: 407

Ion Ratio Lower Upper

59 100

57 0.0 8.9 13.3#



#16

Acetone

Concen: 6.961 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.018 min

Lab File: VY007039.D

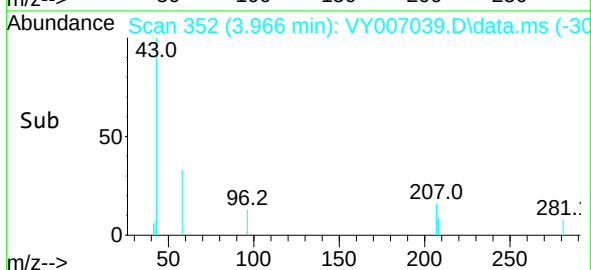
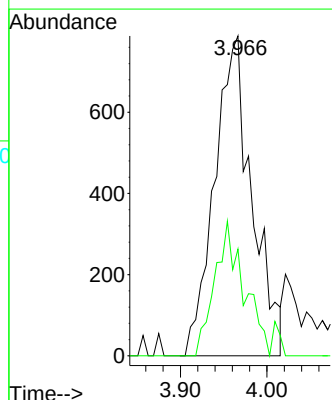
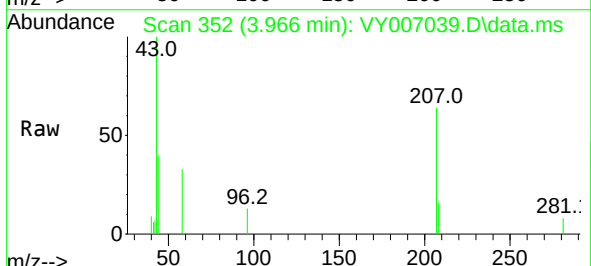
Acq: 06 Jan 2022 17:52

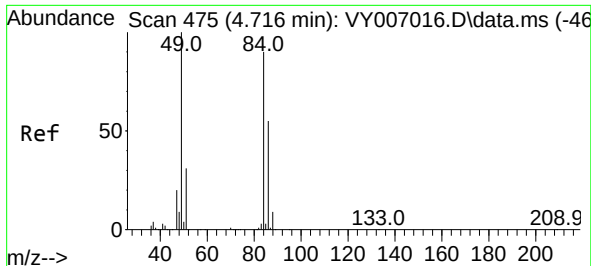
Tgt Ion: 43 Resp: 2368

Ion Ratio Lower Upper

43 100

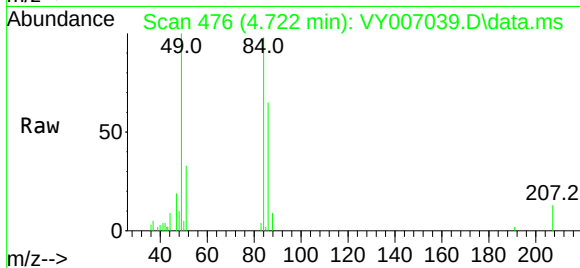
58 33.4 26.3 39.5



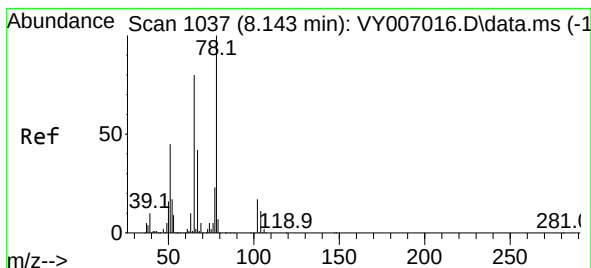
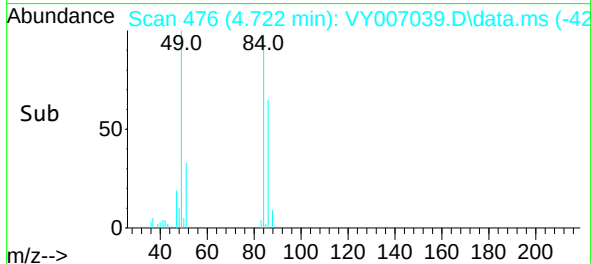
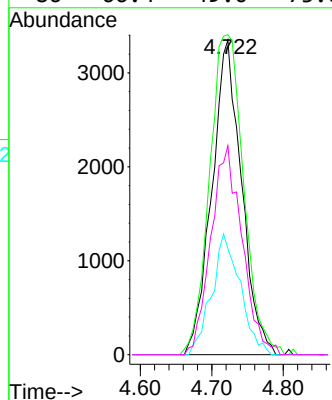


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Instrument :
MSVOA_Y
ClientSampleId :

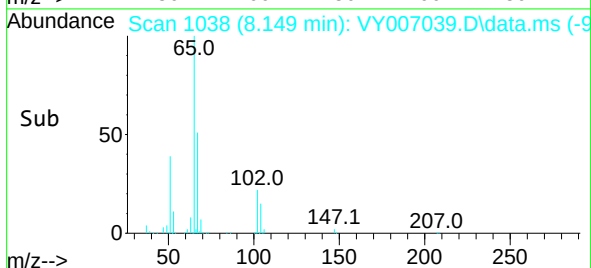
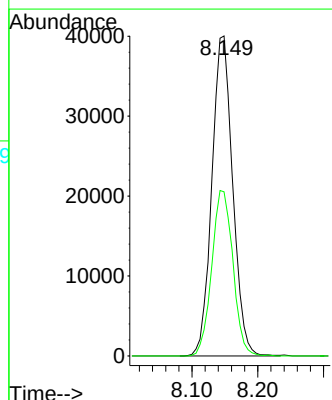
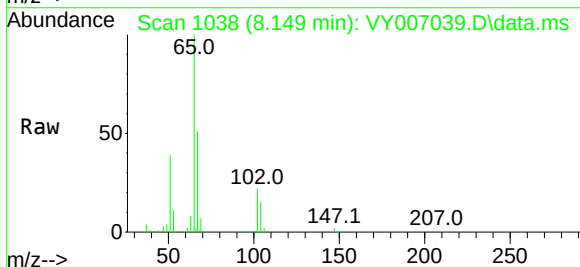


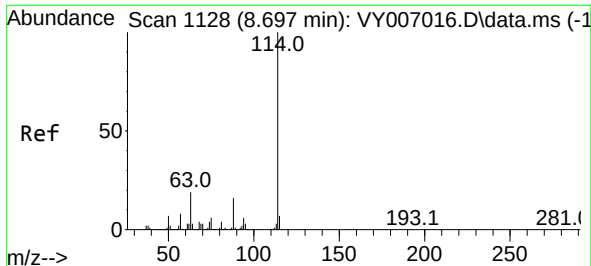
Tgt Ion: 84 Resp: 9660
Ion Ratio Lower Upper
84 100
49 101.7 89.4 134.0
51 33.7 27.7 41.5
86 66.4 49.0 73.6



#33
1,2-Dichloroethane-d4
Concen: 57.151 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Tgt Ion: 65 Resp: 88242
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

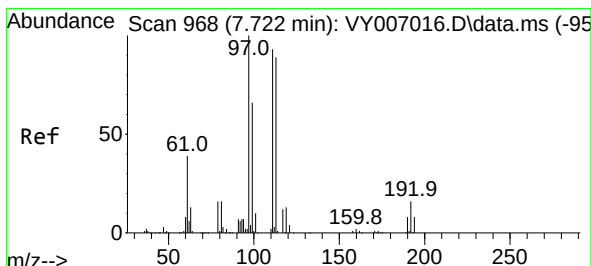
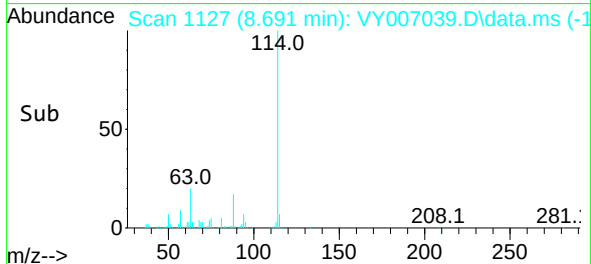
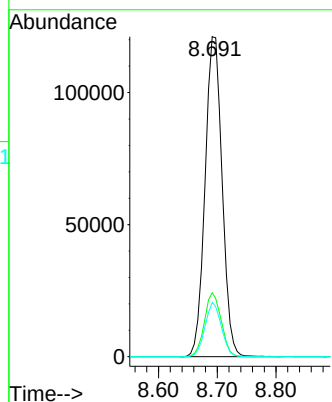
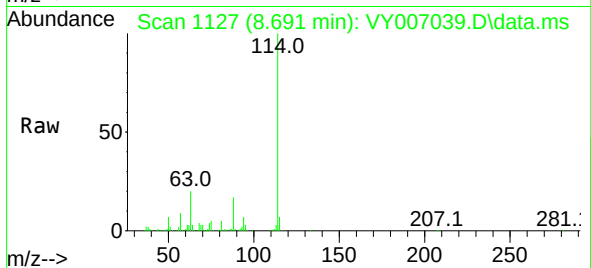




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

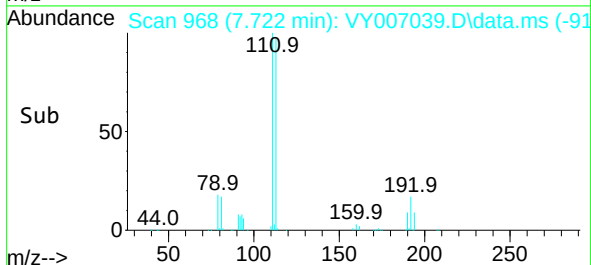
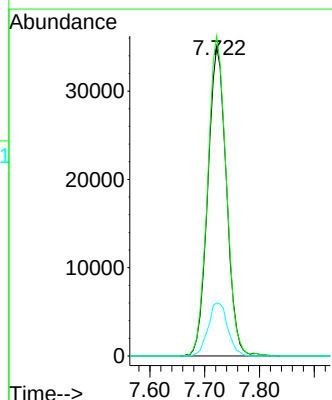
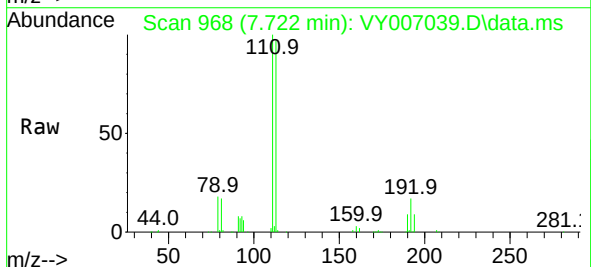
Instrument :
MSVOA_Y
ClientSampleId :

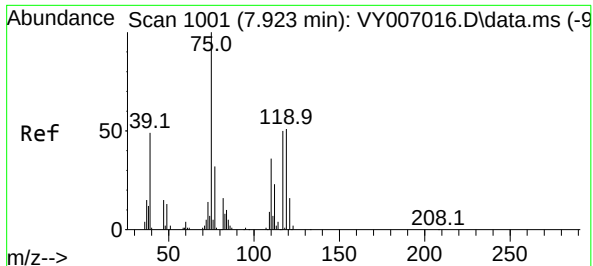
Tgt Ion:114 Resp: 244824
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.6
88 17.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.285 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Tgt Ion:113 Resp: 82535
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 18.0 14.6 21.8

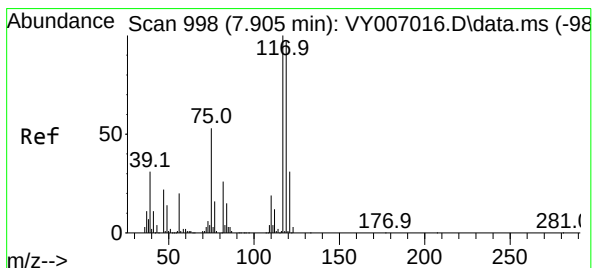
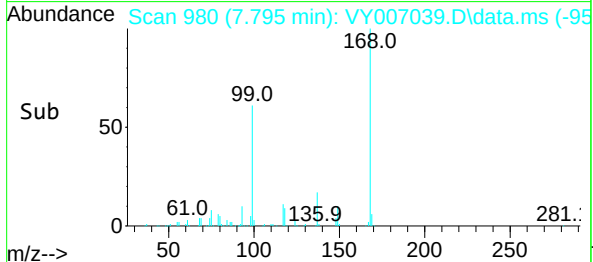
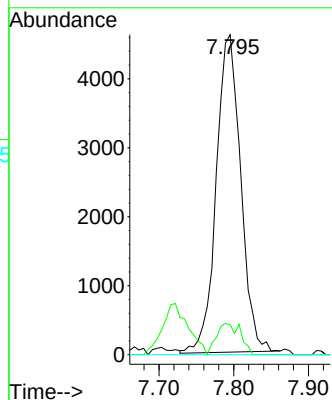
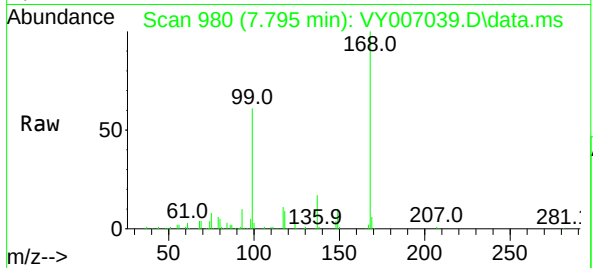




#36
1,1-Dichloropropene
Concen: 3.910 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

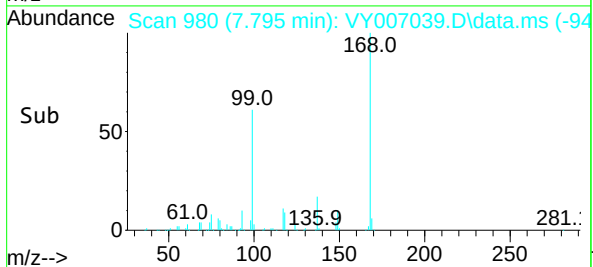
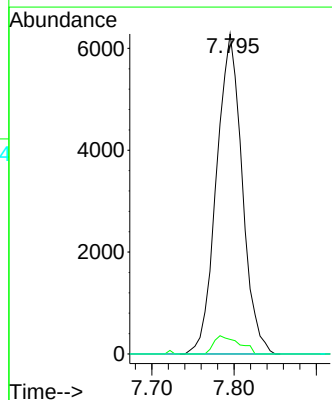
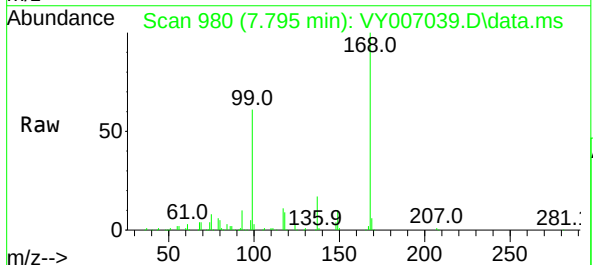
Instrument :
MSVOA_Y
ClientSampleId :

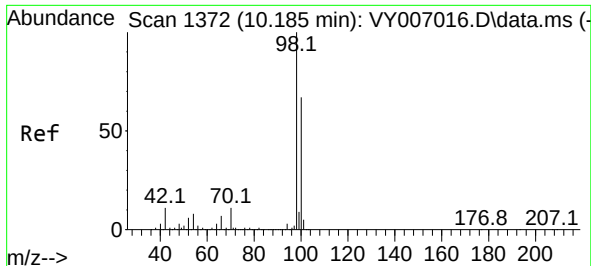
Tgt Ion: 75 Resp: 10488
Ion Ratio Lower Upper
75 100
110 9.6 18.0 54.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 4.858 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Tgt Ion: 117 Resp: 13629
Ion Ratio Lower Upper
117 100
119 4.5 77.7 116.5#
121 0.0 24.4 36.6#

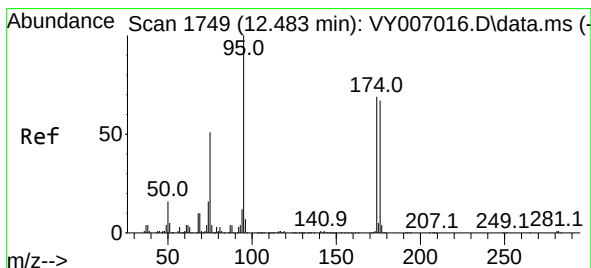
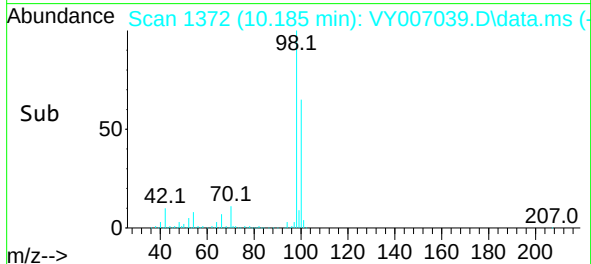
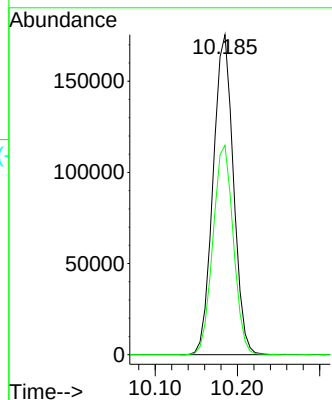
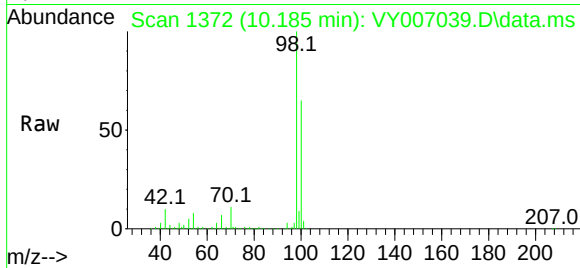




#50
Toluene-d8
Concen: 50.294 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

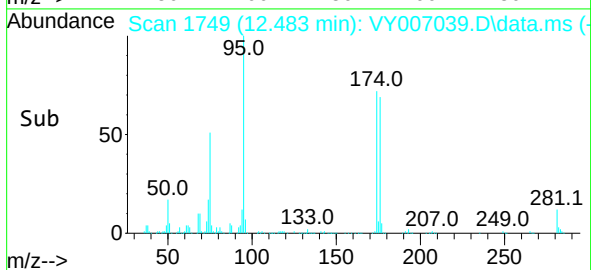
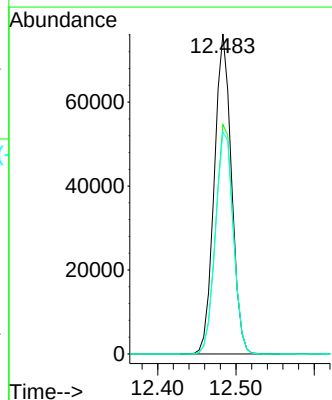
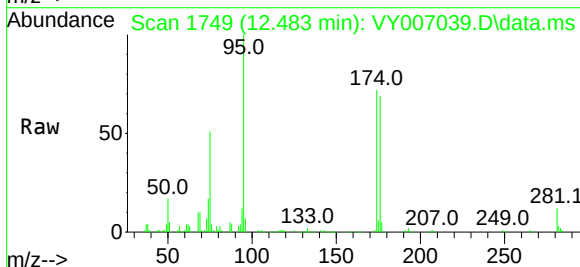
Instrument :
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ClientSampleId :

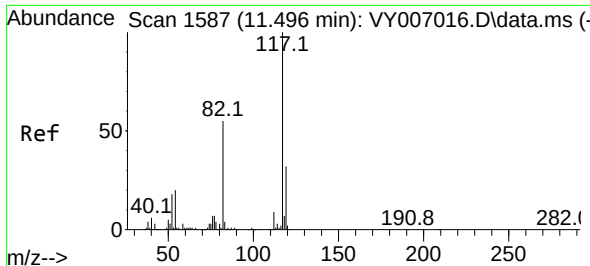
Tgt Ion: 98 Resp: 300729
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.677 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Tgt Ion: 95 Resp: 116372
Ion Ratio Lower Upper
95 100
174 73.2 0.0 144.6
176 72.1 0.0 141.0

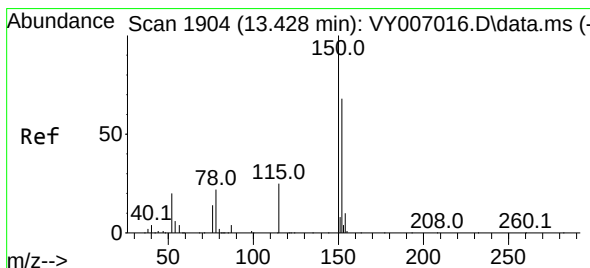
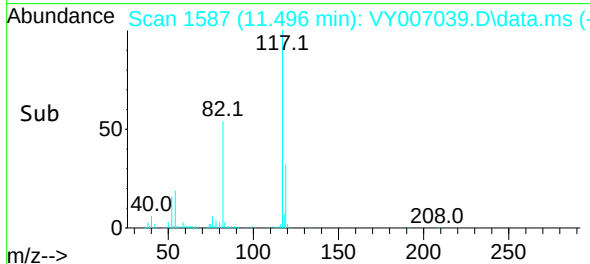
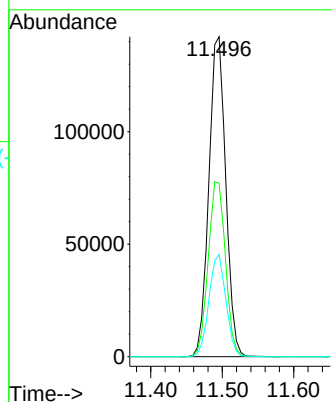
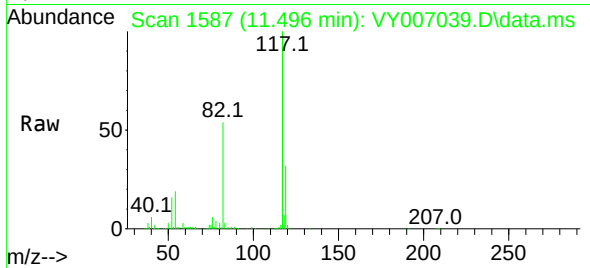




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

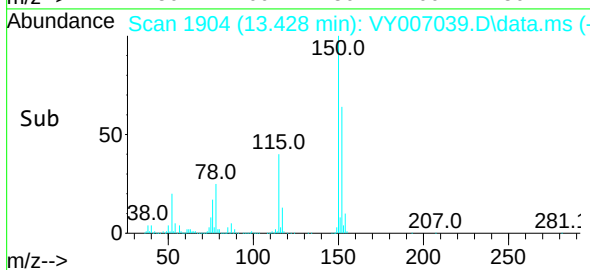
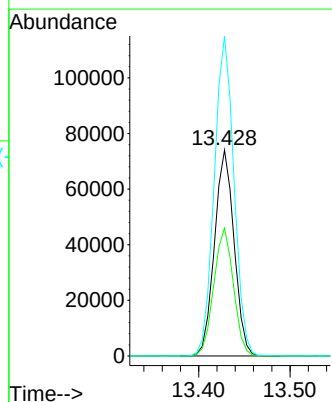
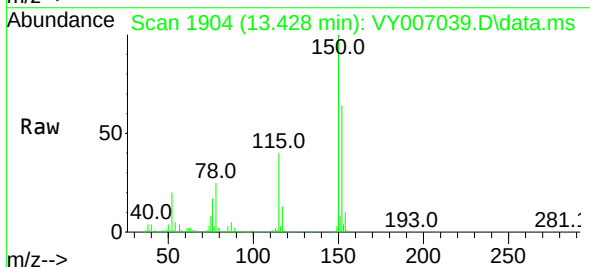
Instrument :
MSVOA_Y
ClientSampleId :

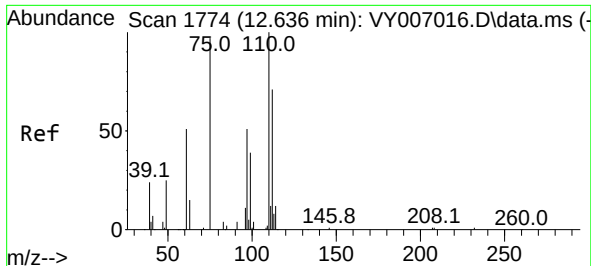
Tgt Ion:117 Resp: 233200
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Tgt Ion:152 Resp: 110565
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.5
150 156.4 0.0 358.0

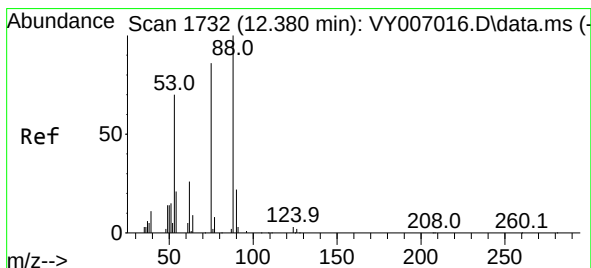
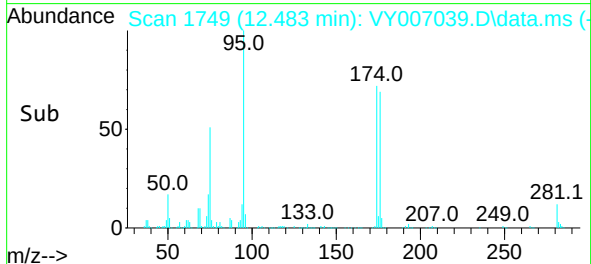
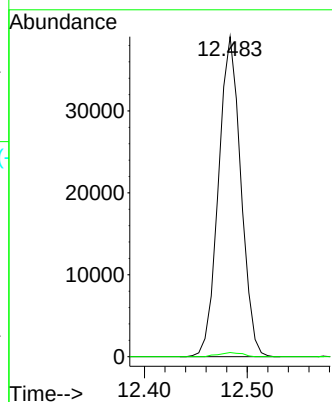
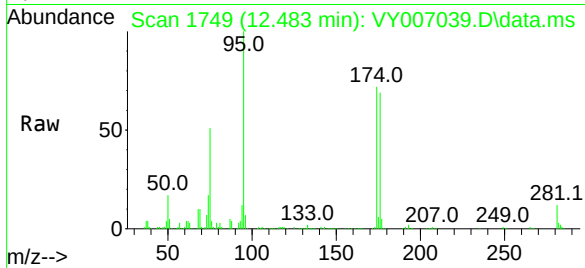




#76
1,2,3-Trichloropropane
Concen: 42.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 59054
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007039.D
Acq: 06 Jan 2022 17:52

Tgt Ion: 75 Resp: 59054
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 0.4 0.0 0.0#

