

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007031.D
 Acq On : 06 Jan 2022 14:43
 Operator : SY/MD
 Sample : N1047-03
 Misc : 6.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:47:46 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)

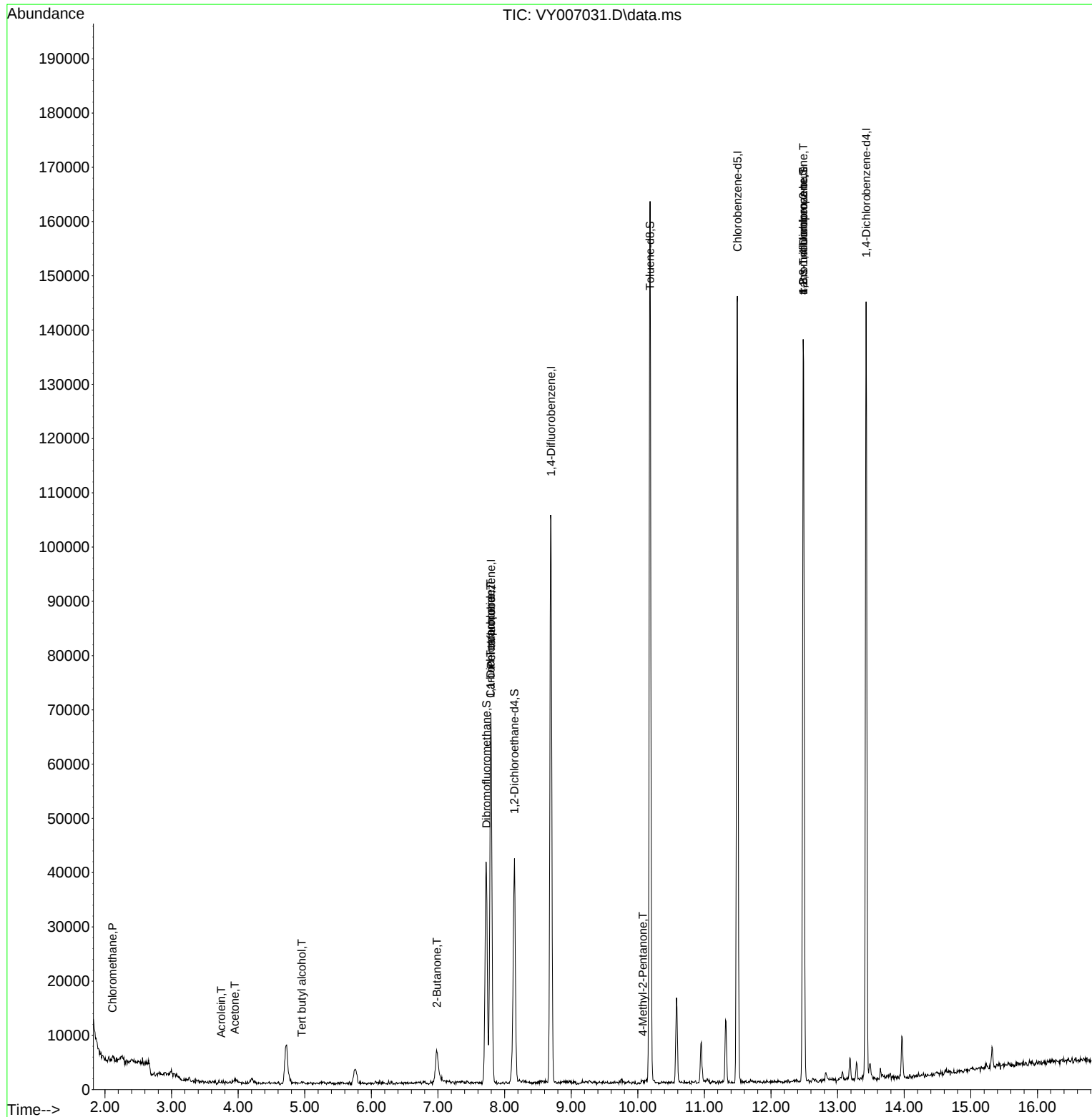
Internal Standards						
1) Pentafluorobenzene	7.795	168	50245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	92065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	82921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30640	51.661	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.320%	
35) Dibromofluoromethane	7.728	113	29523	48.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.560%	
50) Toluene-d8	10.185	98	108341	48.183	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.360%	
62) 4-Bromofluorobenzene	12.483	95	38951	45.997	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	654	1.883	ug/l	99
11) Tert butyl alcohol	4.954	59	257	4.805	ug/l #	71
13) Acrolein	3.747	56	59	3.566	ug/l #	42
16) Acetone	3.948	43	1500	11.479	ug/l #	78
20) Methylene Chloride	4.710	84	5743	Below Cal	#	85
25) 2-Butanone	6.984	43	350	1.860	ug/l #	46
36) 1,1-Dichloropropene	7.789	75	4212	4.176	ug/l #	50
38) Carbon Tetrachloride	7.789	117	5643	5.349	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	502	1.016	ug/l #	63
76) 1,2,3-Trichloropropane	12.483	75	20000	43.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20000	79.928	ug/l #	4

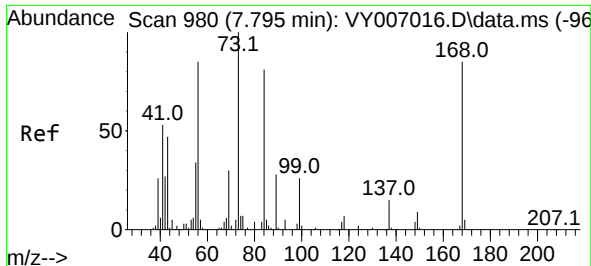
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:51:57 2022
Response via : Initial Calibration

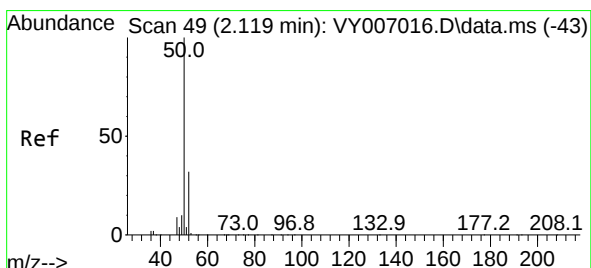
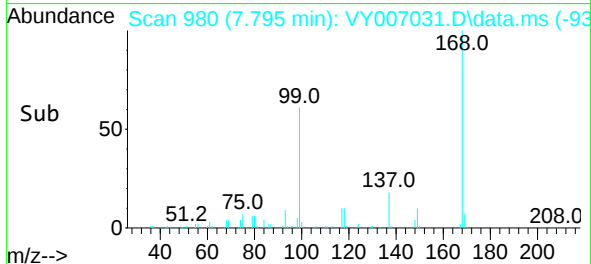
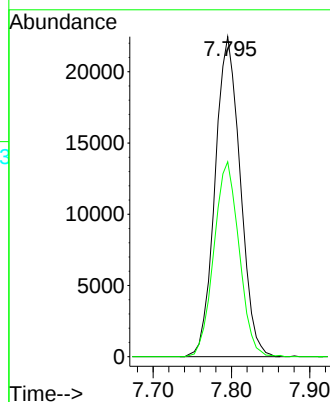
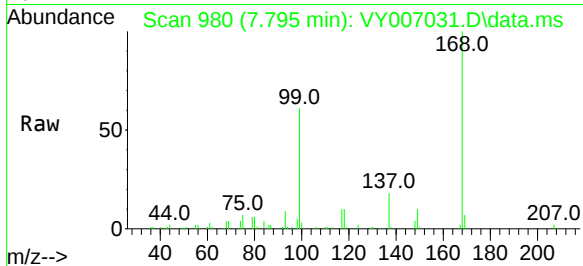




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

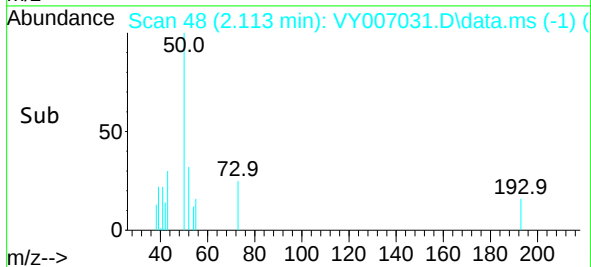
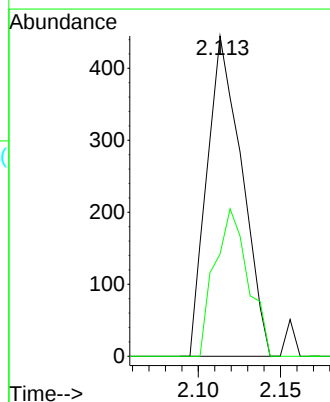
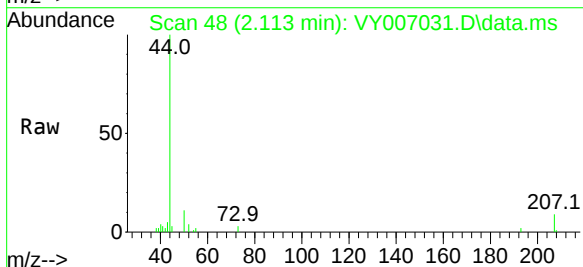
Instrument :
MSVOA_Y
ClientSampleId :

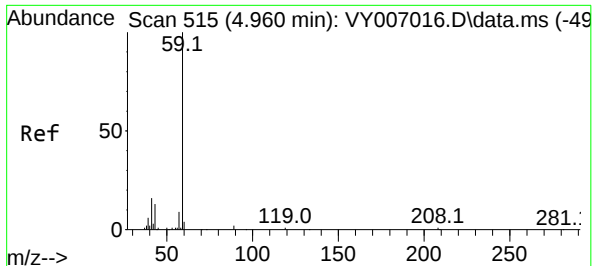
Tgt Ion:168 Resp: 50245
Ion Ratio Lower Upper
168 100
99 60.9 48.9 73.3



#3
Chloromethane
Concen: 1.883 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

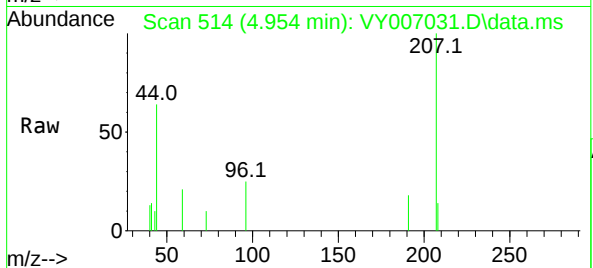
Tgt Ion: 50 Resp: 654
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.8



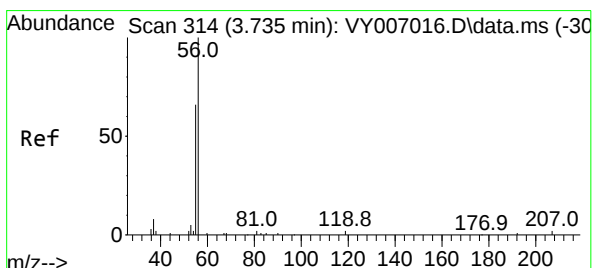
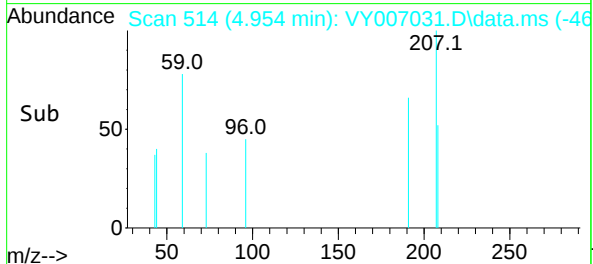
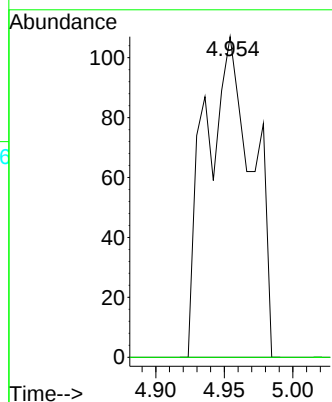


#11
Tert butyl alcohol
Concen: 4.805 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

Instrument :
MSVOA_Y
ClientSampleId :

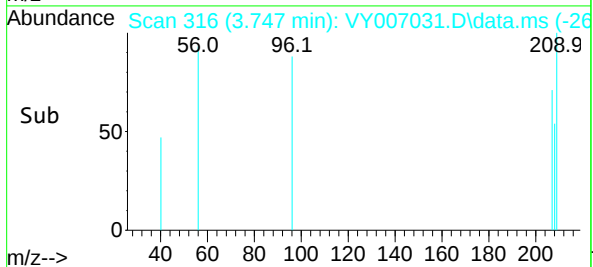
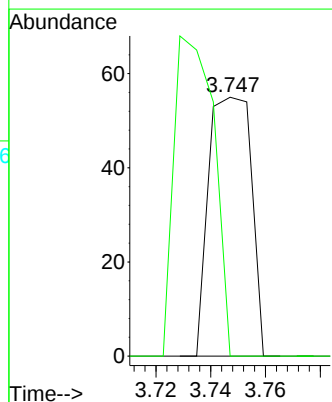
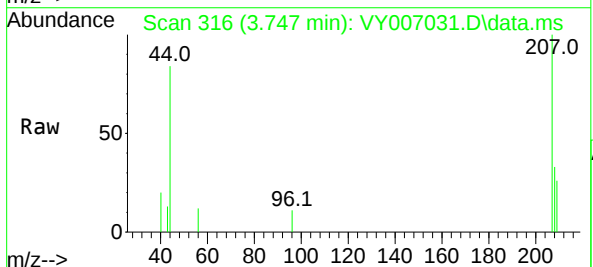


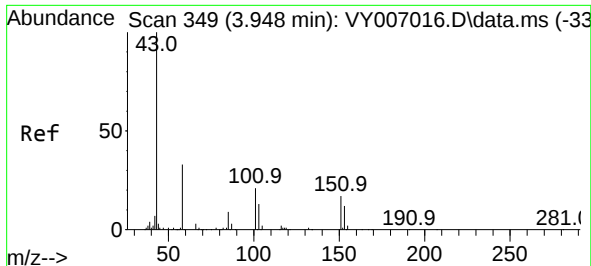
Tgt Ion: 59 Resp: 257
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 3.566 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

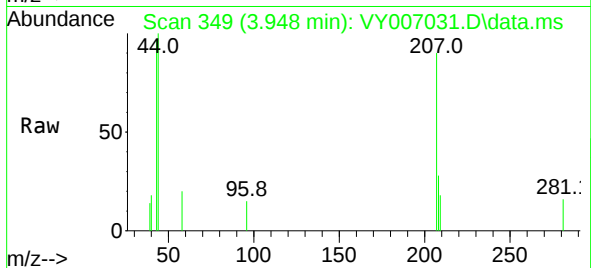
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 115.3 54.6 82.0#



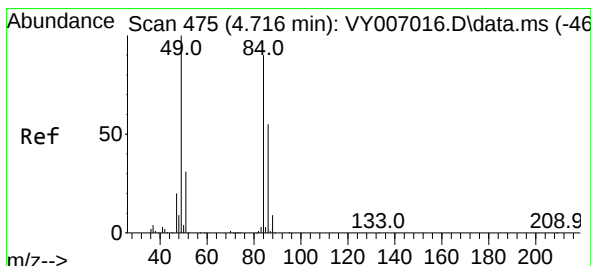
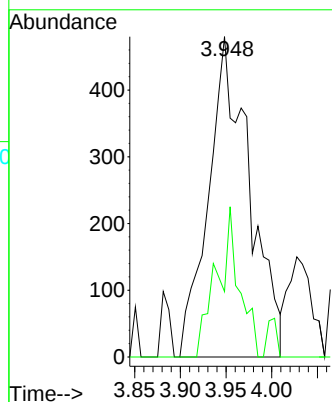
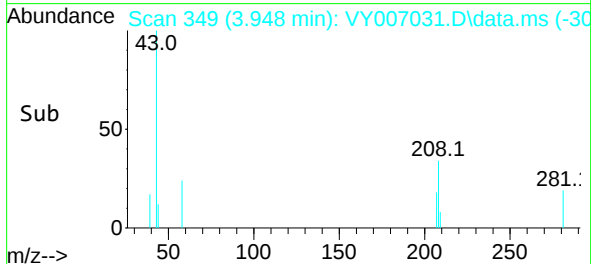


#16
Acetone
Concen: 11.479 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

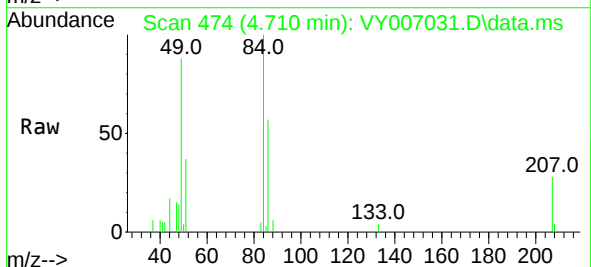
Instrument :
MSVOA_Y
ClientSampleId :



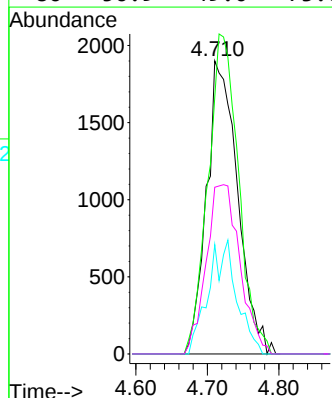
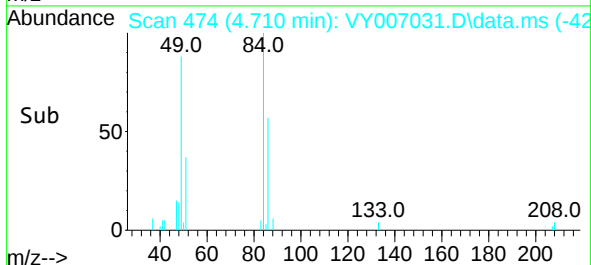
Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
58 20.4 26.3 39.5#

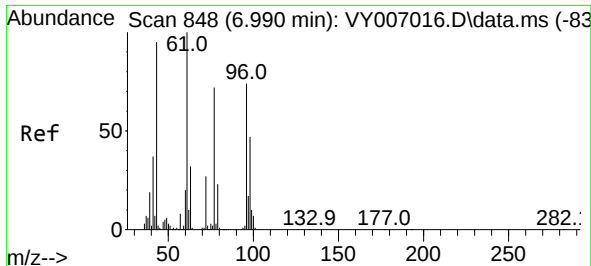


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43



Tgt Ion: 84 Resp: 5743
Ion Ratio Lower Upper
84 100
49 87.5 89.4 134.0#
51 37.3 27.7 41.5
86 56.9 49.0 73.6





#25

2-Butanone

Concen: 1.860 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

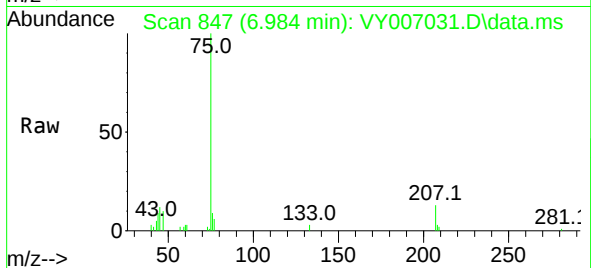
Lab File: VY007031.D

Acq: 06 Jan 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

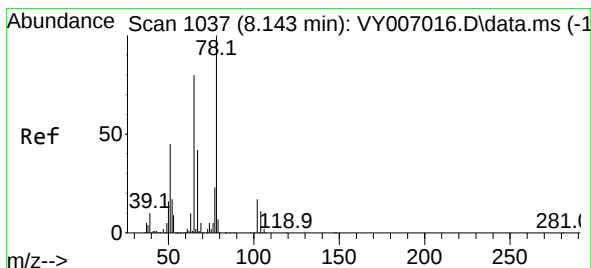
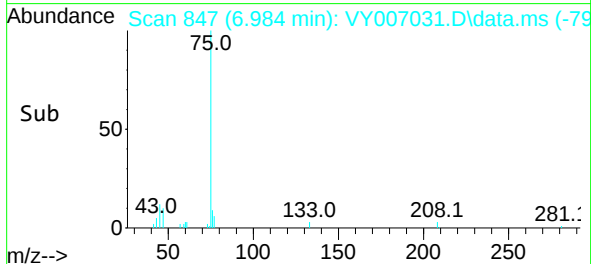
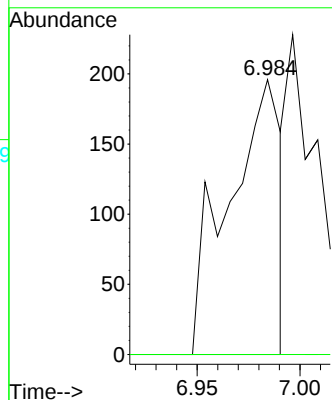


Tgt Ion: 43 Resp: 350

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#33

1,2-Dichloroethane-d4

Concen: 51.661 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY007031.D

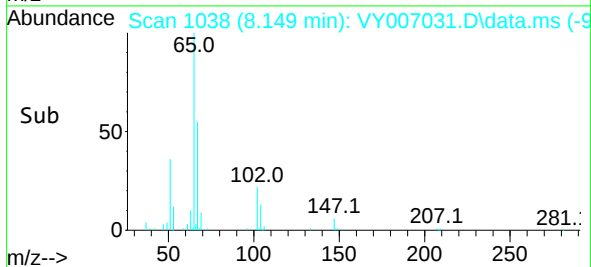
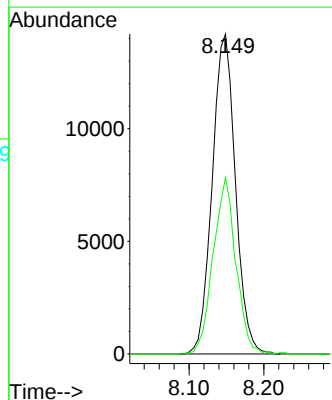
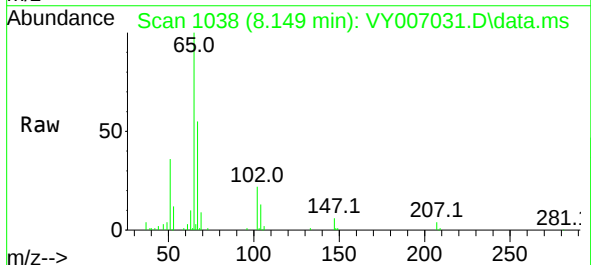
Acq: 06 Jan 2022 14:43

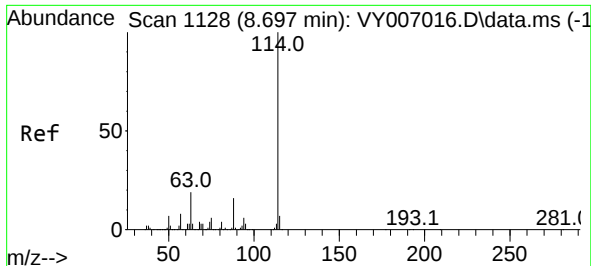
Tgt Ion: 65 Resp: 30640

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.8

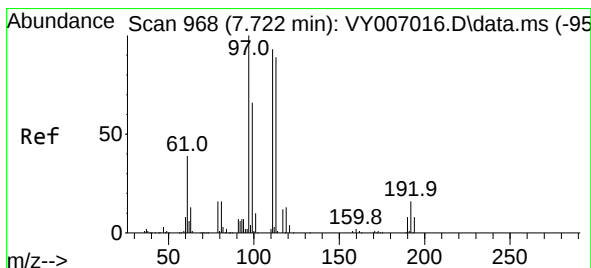
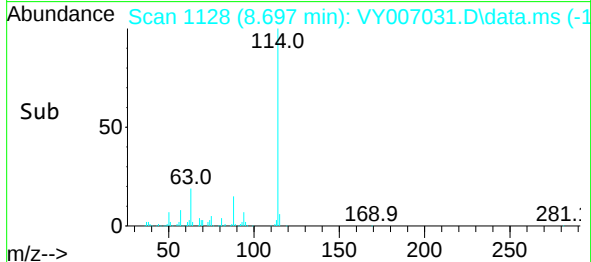
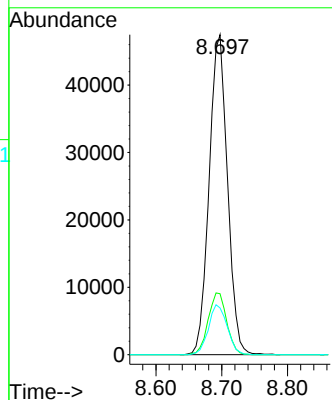
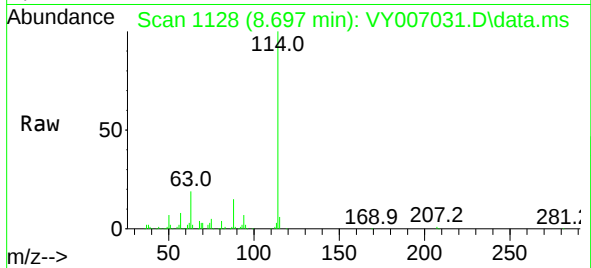




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

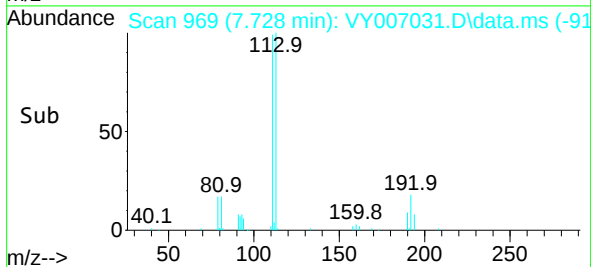
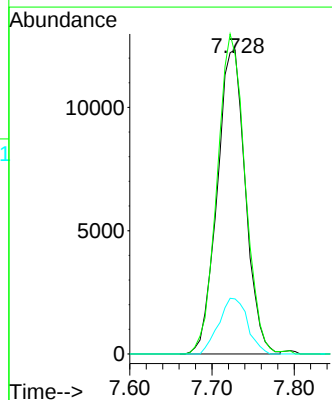
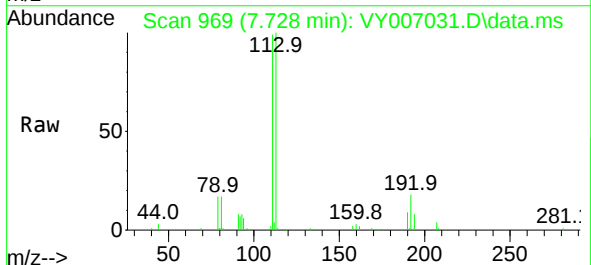
Instrument :
MSVOA_Y
ClientSampleId :

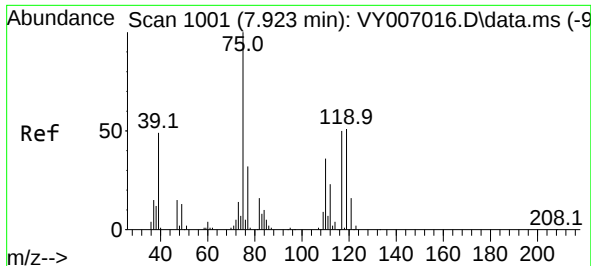
Tgt Ion:	114	Resp:	92065
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	37.6
88	14.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 48.784 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

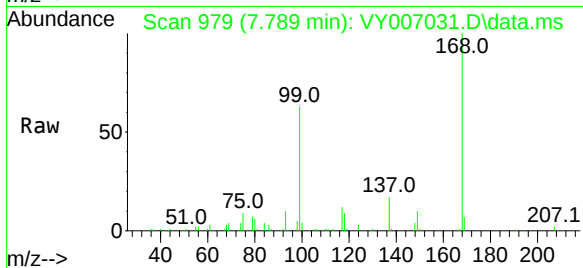
Tgt Ion:	113	Resp:	29523
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.9	122.9
192	18.5	14.6	21.8



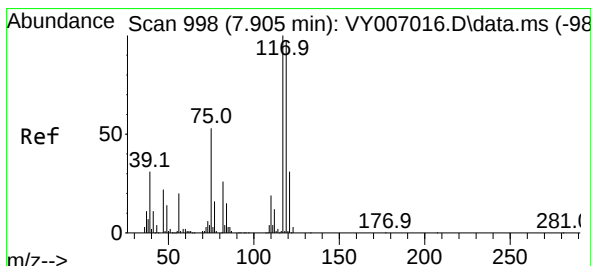
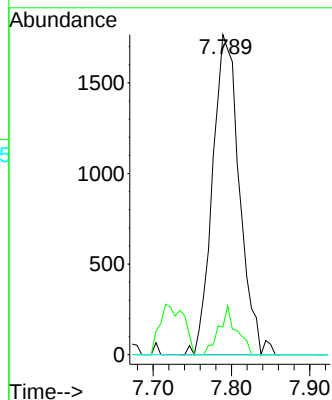
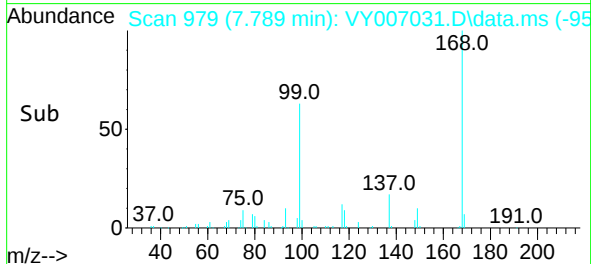


#36
1,1-Dichloropropene
Concen: 4.176 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

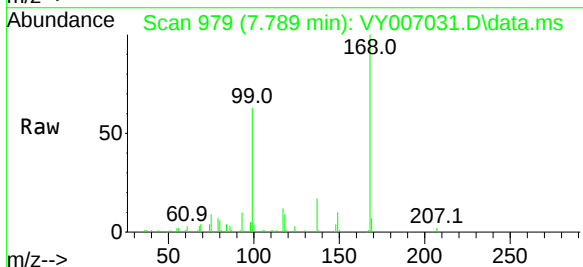
Instrument :
MSVOA_Y
ClientSampleId :



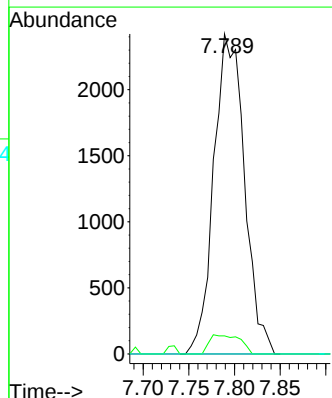
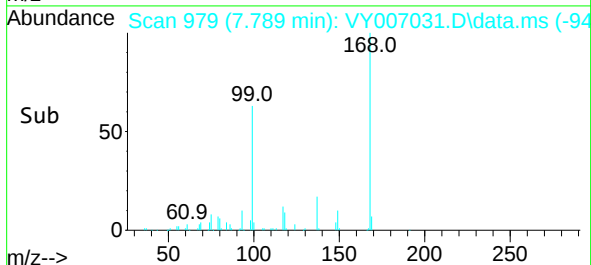
Tgt Ion: 75 Resp: 4212
Ion Ratio Lower Upper
75 100
110 9.9 18.0 54.0#
77 0.0 25.4 38.2#

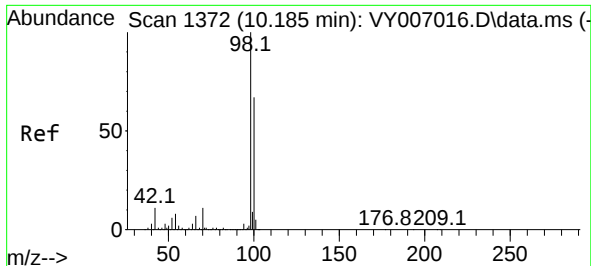


#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43



Tgt Ion: 117 Resp: 5643
Ion Ratio Lower Upper
117 100
119 5.6 77.7 116.5#
121 0.0 24.4 36.6#

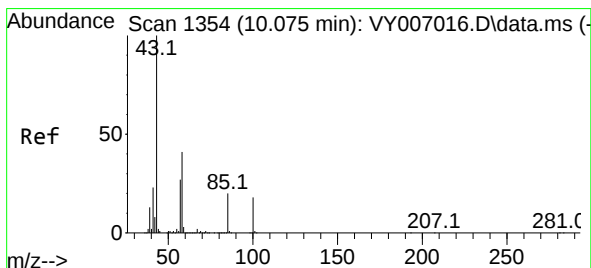
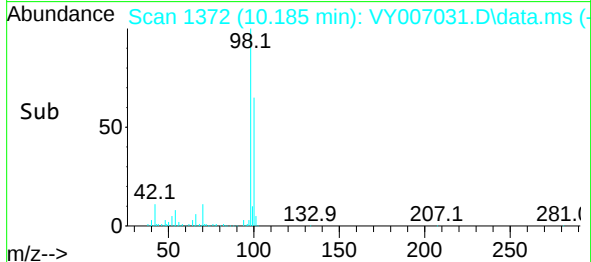
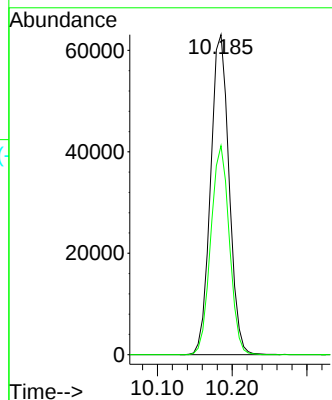
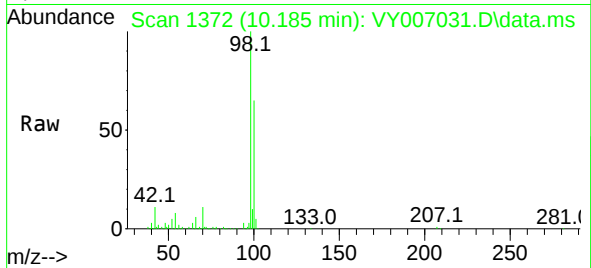




#50
Toluene-d8
Concen: 48.183 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

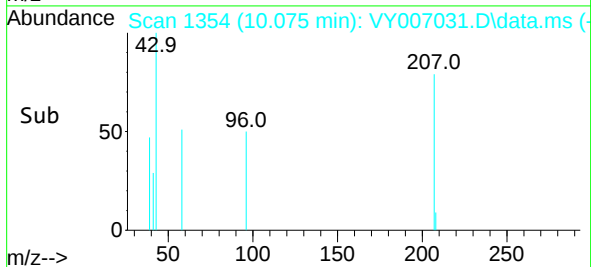
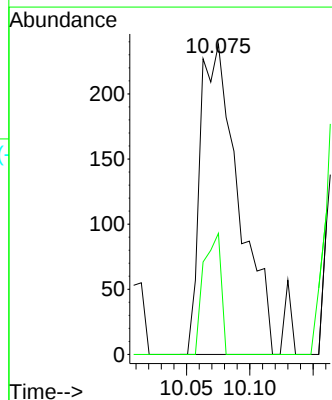
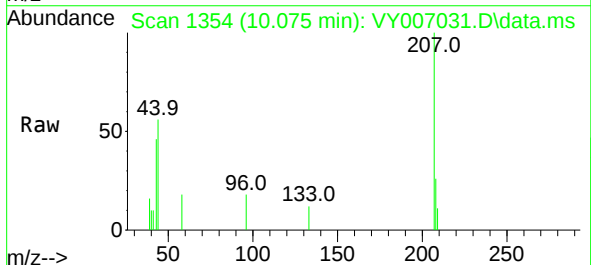
Instrument :
MSVOA_Y
ClientSampleId :

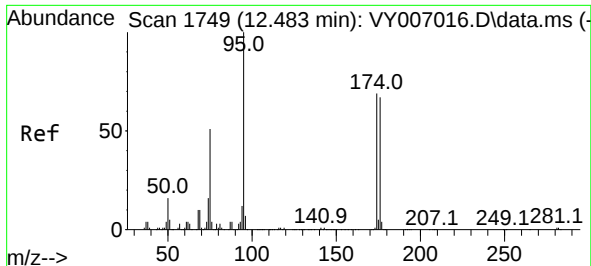
Tgt Ion: 98 Resp: 108341
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
58 17.7 32.7 49.1#

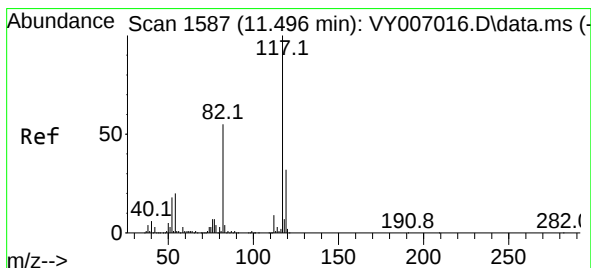
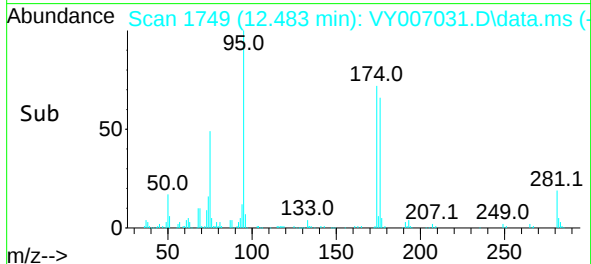
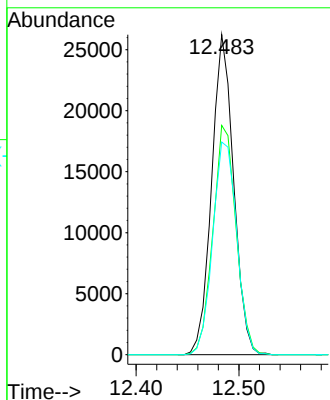
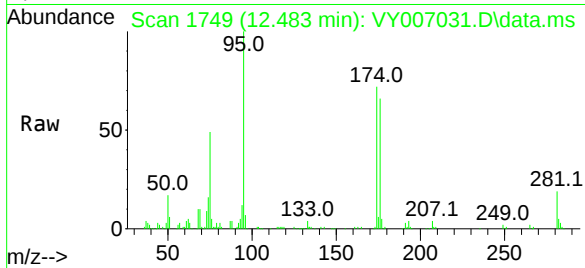




#62
4-Bromofluorobenzene
Concen: 45.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

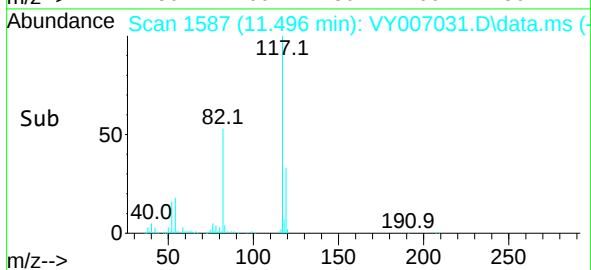
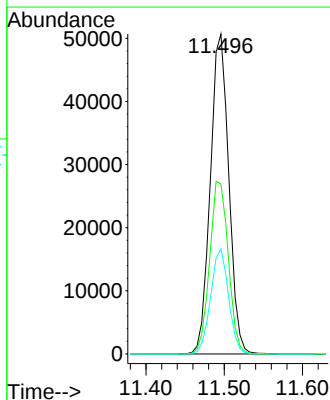
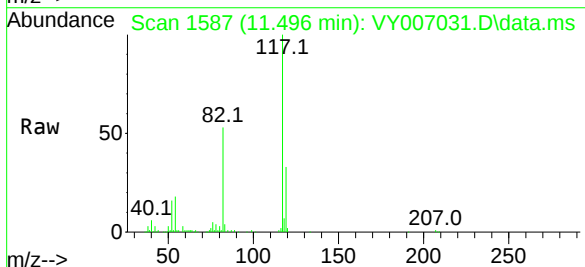
Instrument :
MSVOA_Y
ClientSampleId :

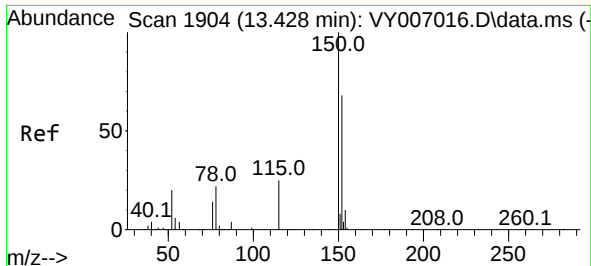
Tgt Ion: 95 Resp: 38951
Ion Ratio Lower Upper
95 100
174 75.5 0.0 144.6
176 72.7 0.0 141.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007031.D
Acq: 06 Jan 2022 14:43

Tgt Ion: 117 Resp: 82921
Ion Ratio Lower Upper
117 100
82 53.1 44.1 66.1
119 32.9 25.3 37.9

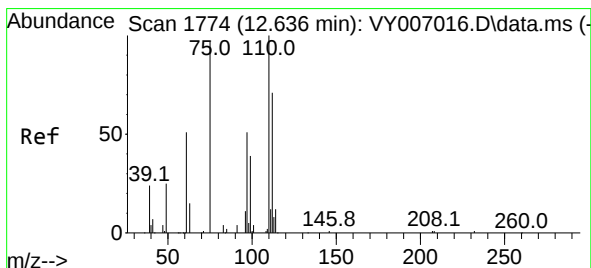
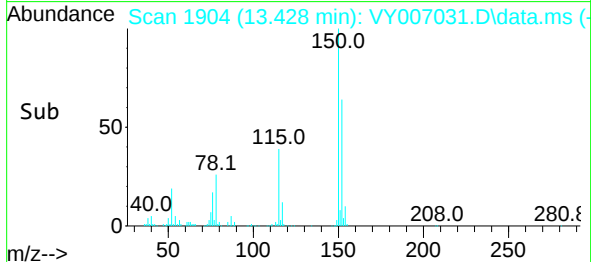
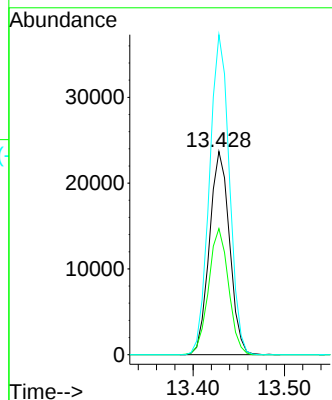
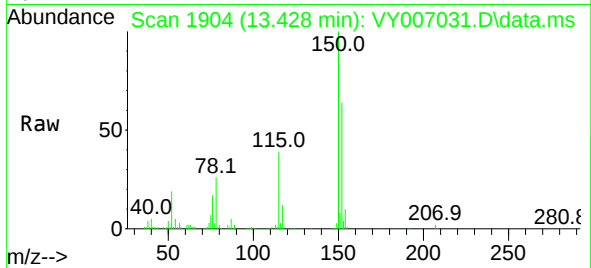




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007031.D
 Acq: 06 Jan 2022 14:43

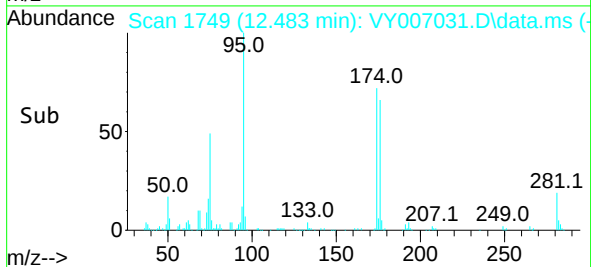
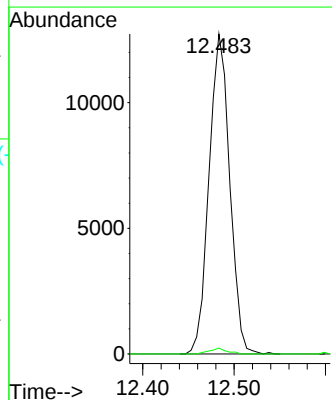
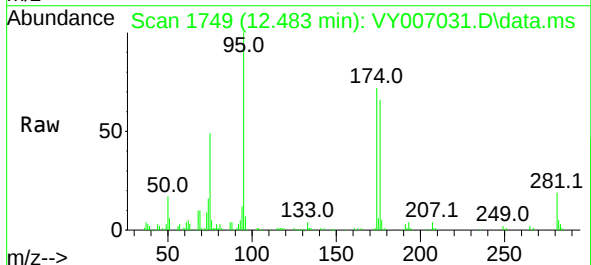
Instrument :
 MSVOA_Y
 ClientSampleId :

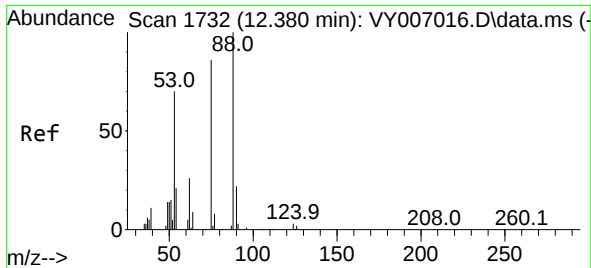
Tgt Ion:152 Resp: 36283
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.9 95.5
 150 155.3 0.0 358.0



#76
 1,2,3-Trichloropropane
 Concen: 43.762 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007031.D
 Acq: 06 Jan 2022 14:43

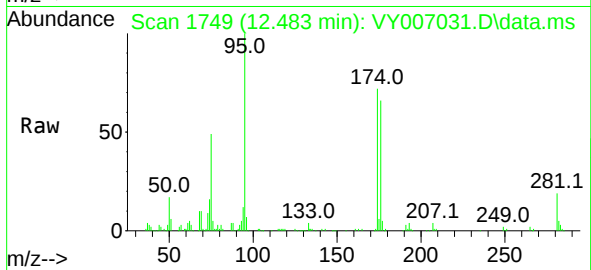
Tgt Ion: 75 Resp: 20000
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.928 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007031.D
 Acq: 06 Jan 2022 14:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 20000
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.4#
 89 0.4 0.0 0.0#

