

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007042.D
 Acq On : 06 Jan 2022 19:03
 Operator : SY/MD
 Sample : N1051-01
 Misc : 11.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 07 11:49:12 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)

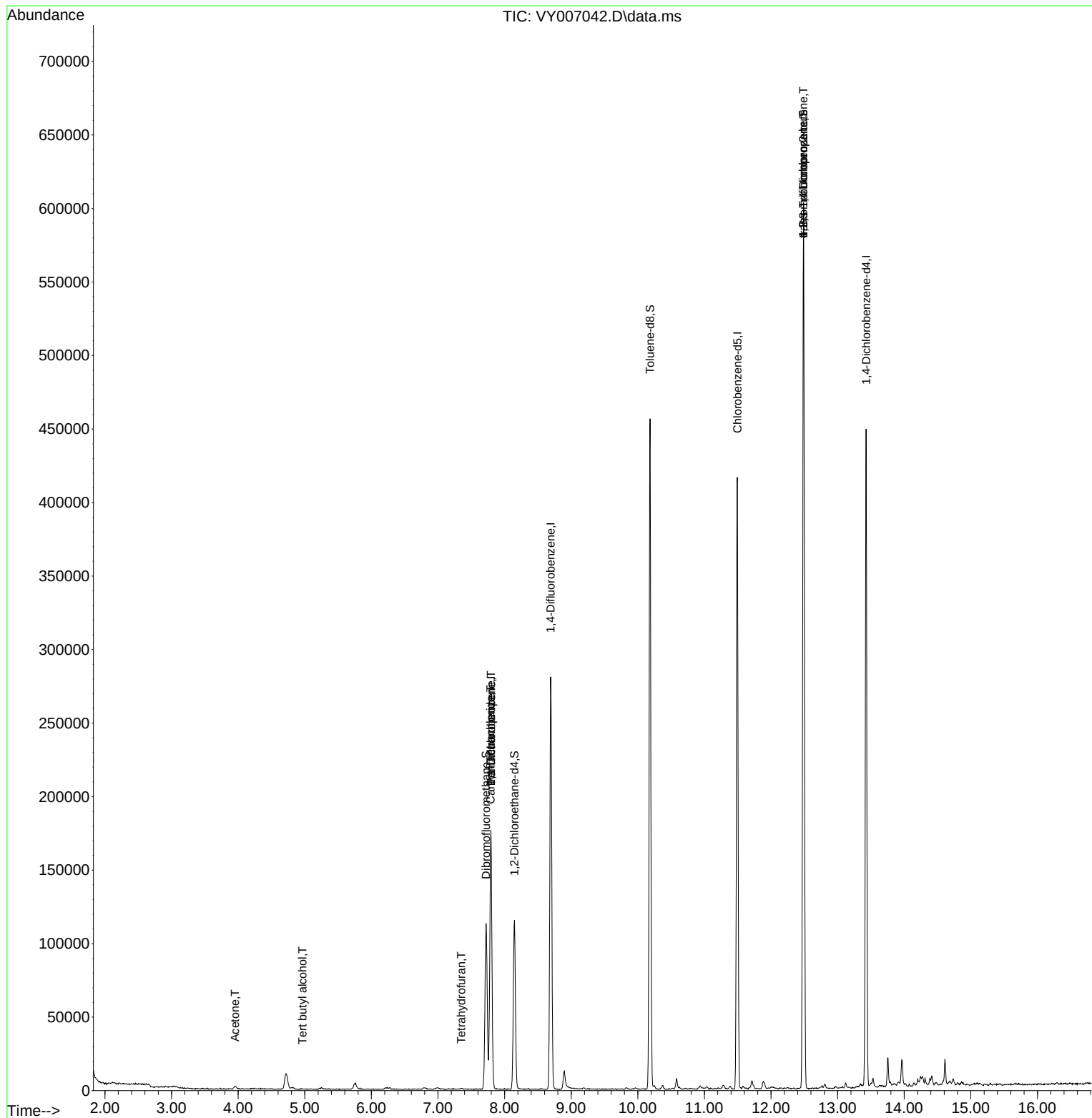
Internal Standards						
1) Pentafluorobenzene	7.795	168	129689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	231065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92160	60.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.400%	
35) Dibromofluoromethane	7.722	113	82757	51.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.185	98	299471	50.047	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.483	95	115675	51.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	184	1.333	ug/l #	71
16) Acetone	3.954	43	3798	11.261	ug/l #	87
20) Methylene Chloride	4.722	84	8697	Below Cal		95
29) Tetrahydrofuran	7.350	42	487	1.350	ug/l #	50
36) 1,1-Dichloropropene	7.795	75	10874	4.051	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13629	4.855	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	61693	44.605	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61693	81.467	ug/l #	4

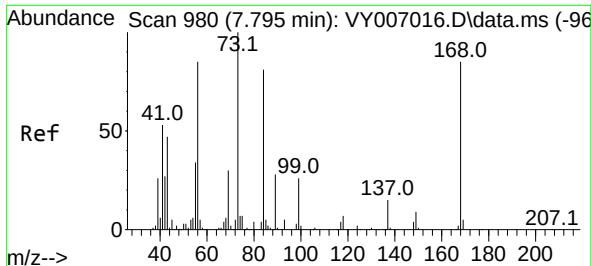
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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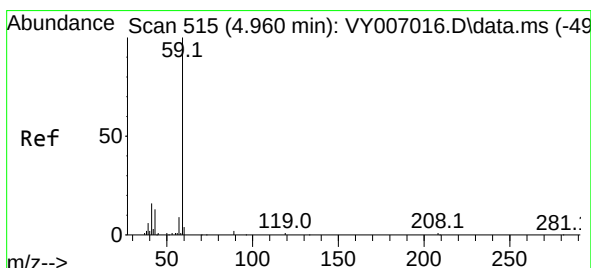
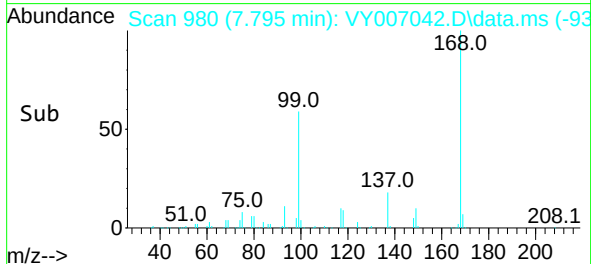
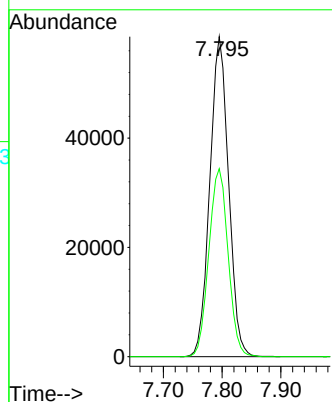
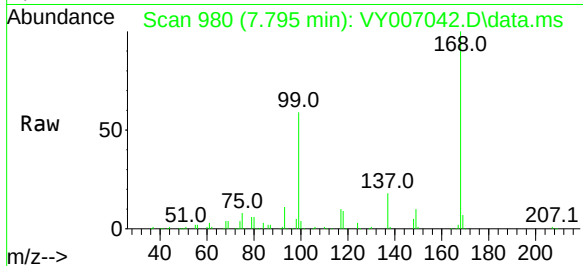




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

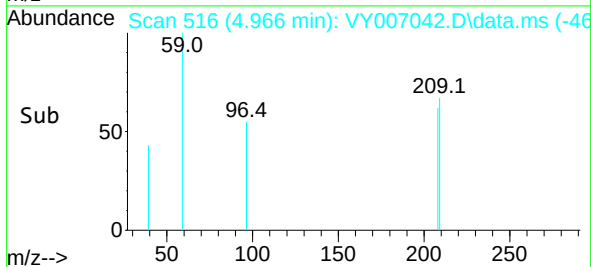
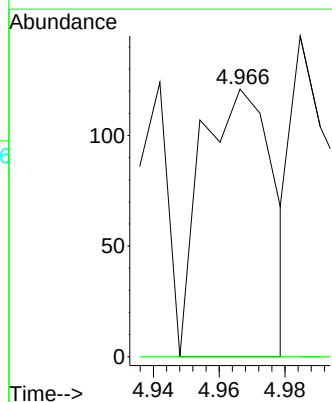
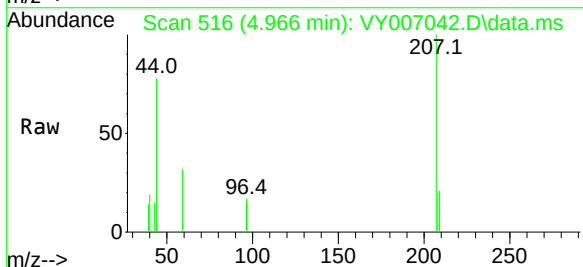
Instrument :
MSVOA_Y
ClientSampleId :

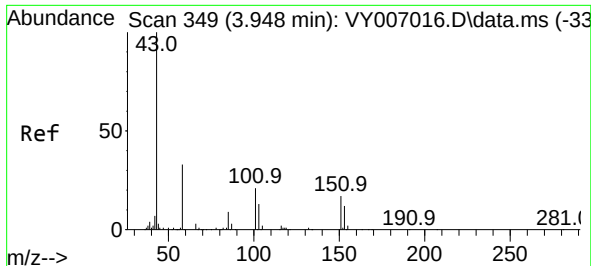
Tgt Ion:168 Resp: 129689
Ion Ratio Lower Upper
168 100
99 58.7 48.9 73.3



#11
Tert butyl alcohol
Concen: 1.333 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

Tgt Ion: 59 Resp: 184
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

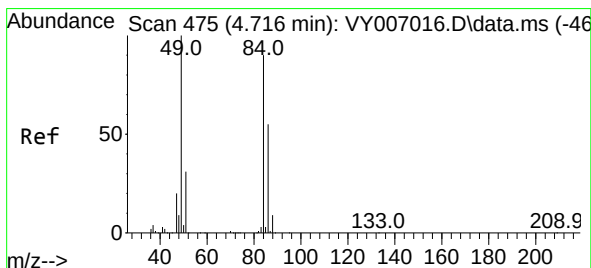
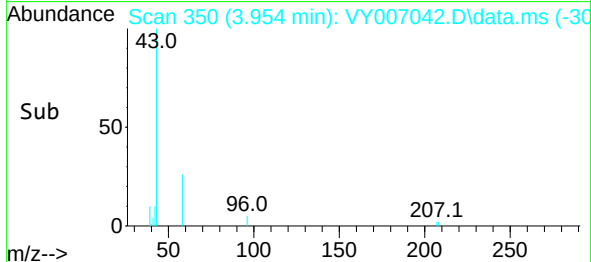
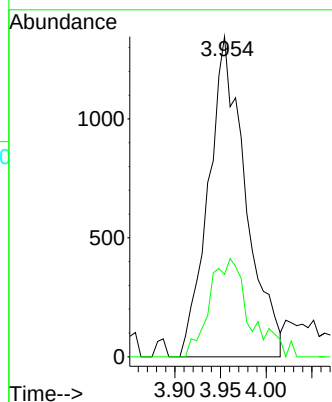
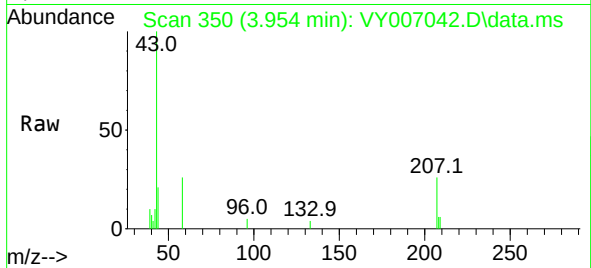




#16
Acetone
Concen: 11.261 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

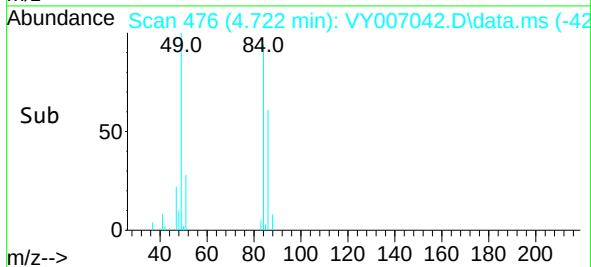
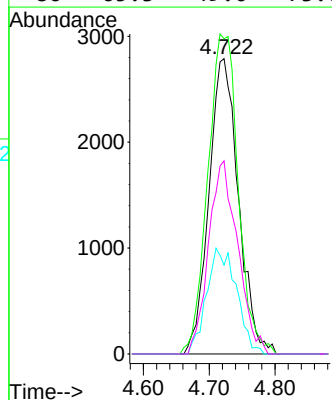
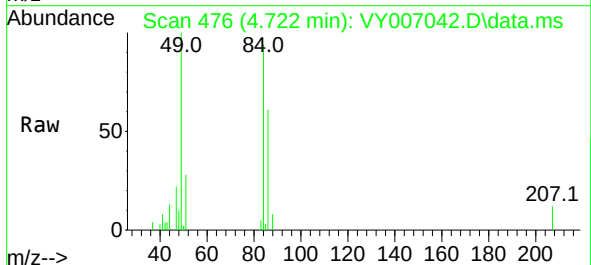
Instrument :
MSVOA_Y
ClientSampleId :

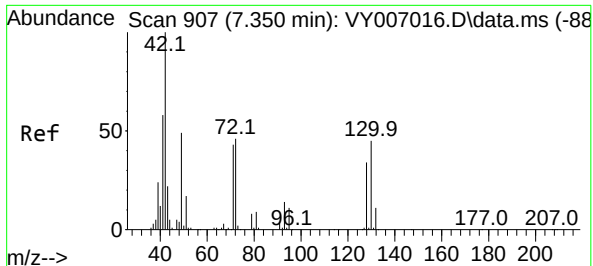
Tgt Ion: 43 Resp: 3798
Ion Ratio Lower Upper
43 100
58 25.7 26.3 39.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

Tgt Ion: 84 Resp: 8697
Ion Ratio Lower Upper
84 100
49 106.7 89.4 134.0
51 30.1 27.7 41.5
86 65.3 49.0 73.6





#29

Tetrahydrofuran

Concen: 1.350 ug/l

RT: 7.350 min Scan# 90

Delta R.T. 0.000 min

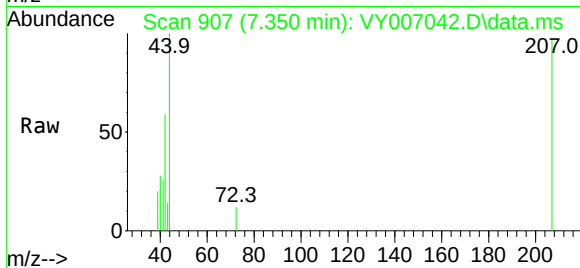
Lab File: VY007042.D

Acq: 06 Jan 2022 19:03

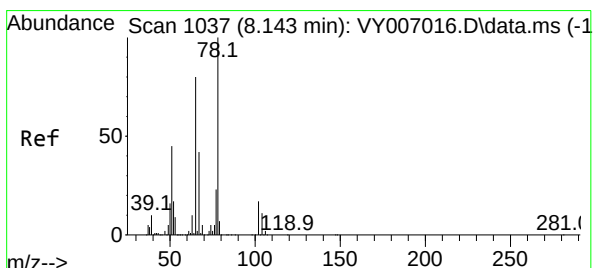
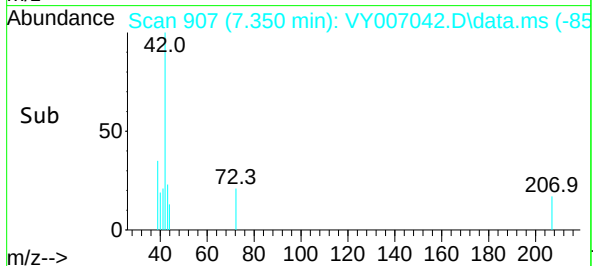
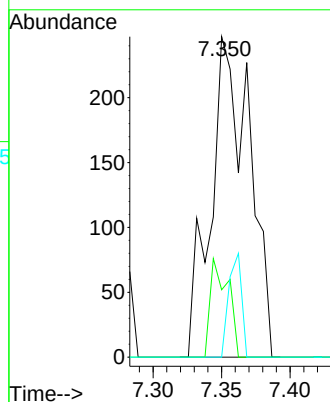
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 42	Resp: 487
Ion Ratio	Lower Upper
42	100
72	14.2 37.1 55.7#
71	10.7 34.6 52.0#



#33

1,2-Dichloroethane-d4

Concen: 60.201 ug/l

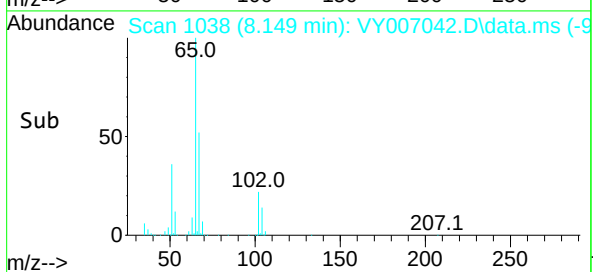
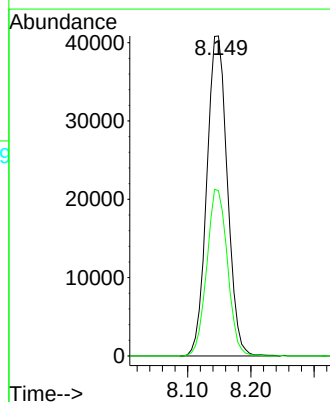
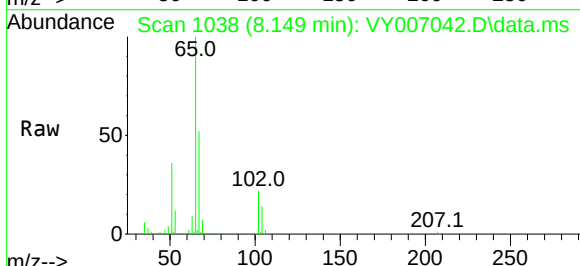
RT: 8.149 min Scan# 1038

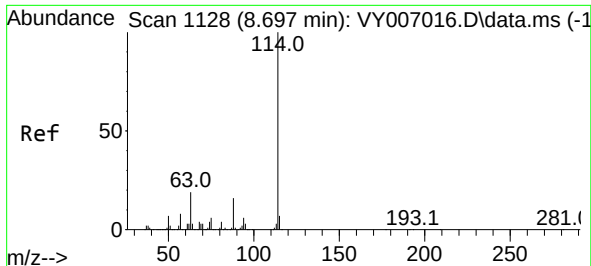
Delta R.T. 0.006 min

Lab File: VY007042.D

Acq: 06 Jan 2022 19:03

Tgt Ion: 65	Resp: 92160
Ion Ratio	Lower Upper
65	100
67	52.4 0.0 105.8

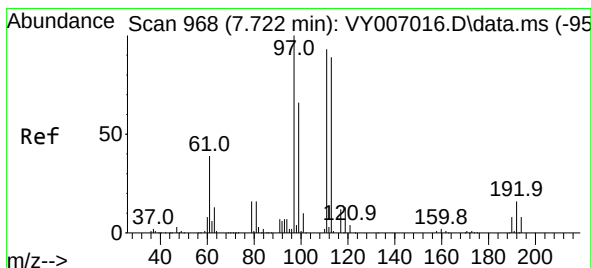
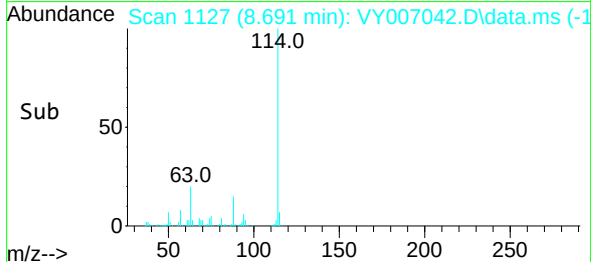
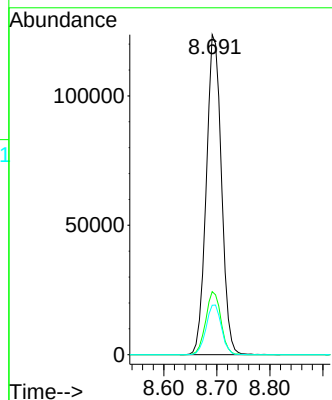
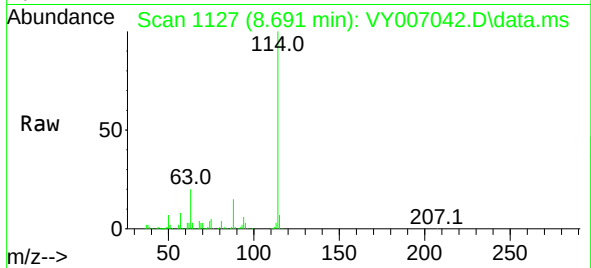




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

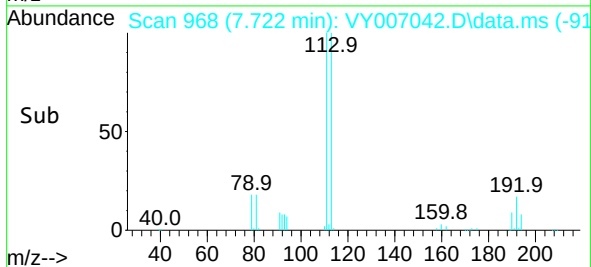
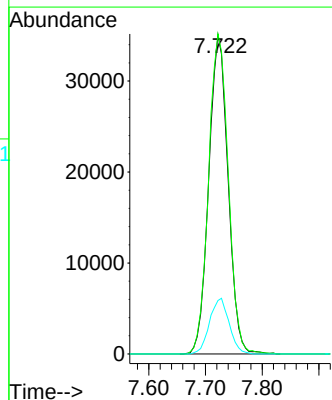
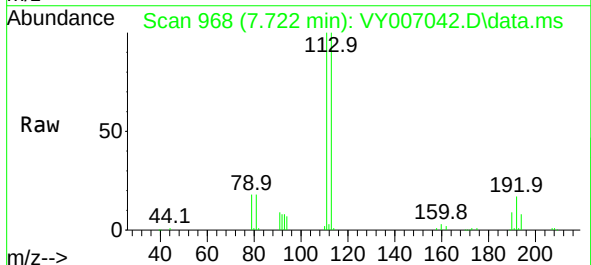
Instrument :
MSVOA_Y
ClientSampleId :

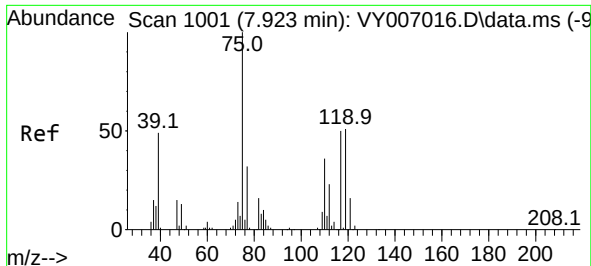
Tgt Ion:114 Resp: 245004
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.6
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.385 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

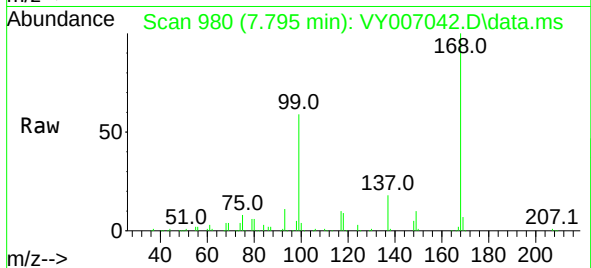
Tgt Ion:113 Resp: 82757
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 17.7 14.6 21.8



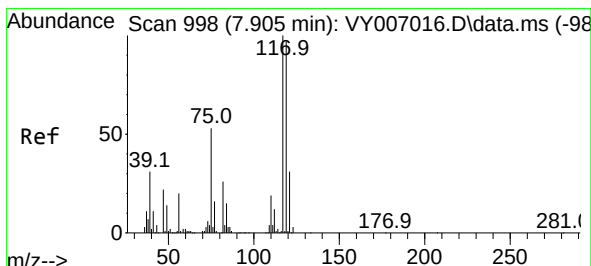
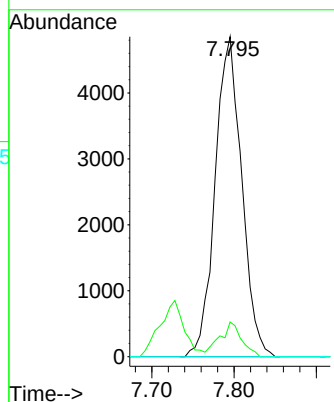
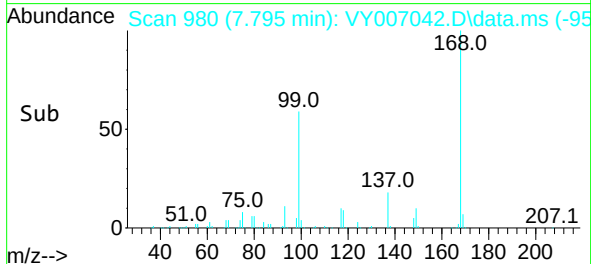


#36
 1,1-Dichloropropene
 Concen: 4.051 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY007042.D
 Acq: 06 Jan 2022 19:03

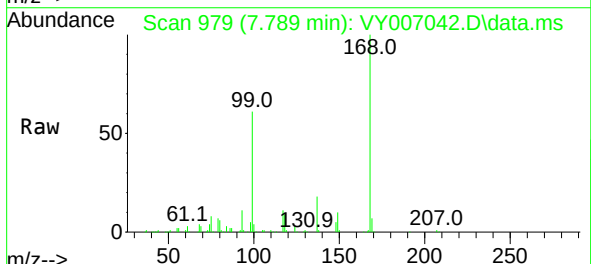
Instrument :
 MSVOA_Y
 ClientSampleId :



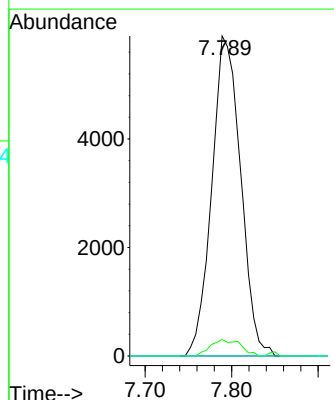
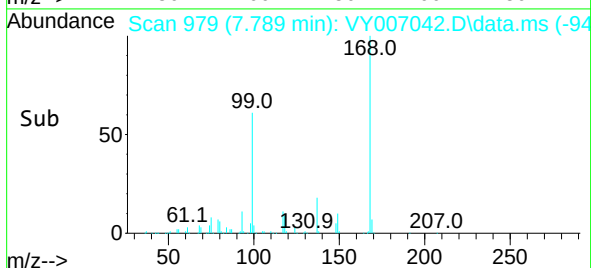
Tgt Ion: 75 Resp: 10874
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.0 54.0#
 77 0.0 25.4 38.2#

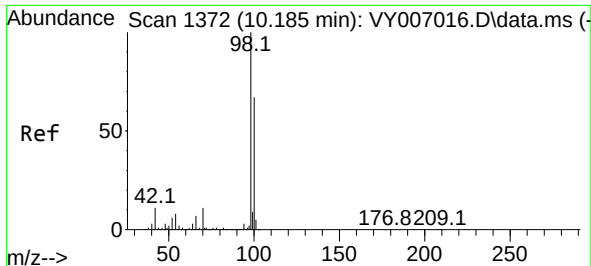


#38
 Carbon Tetrachloride
 Concen: 4.855 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.116 min
 Lab File: VY007042.D
 Acq: 06 Jan 2022 19:03



Tgt Ion: 117 Resp: 13629
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.7 116.5#
 121 0.0 24.4 36.6#

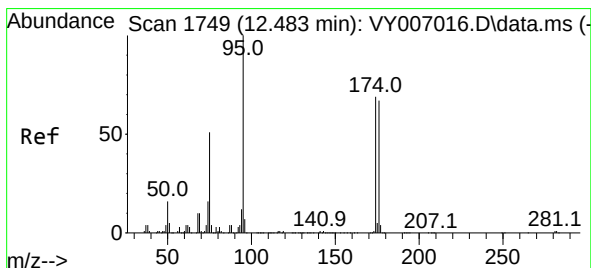
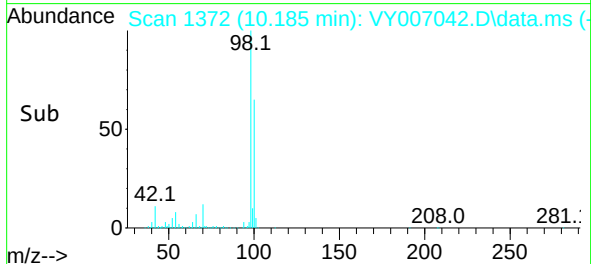
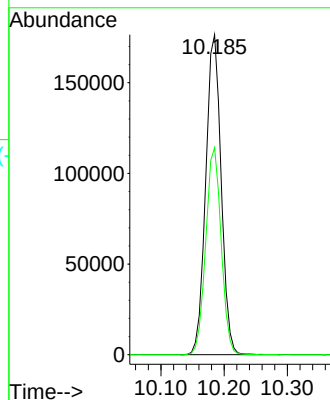
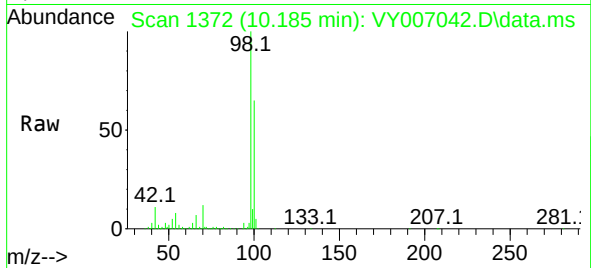




#50
Toluene-d8
Concen: 50.047 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

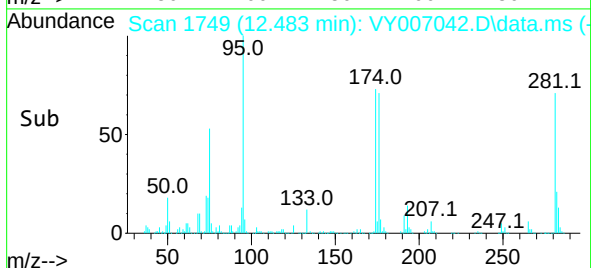
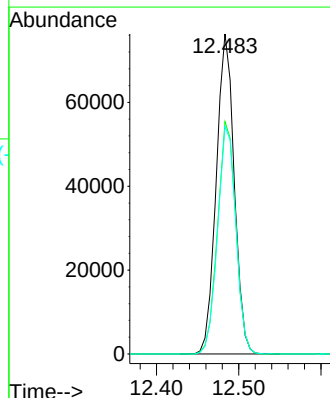
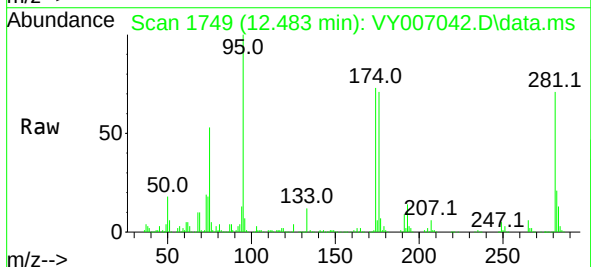
Instrument :
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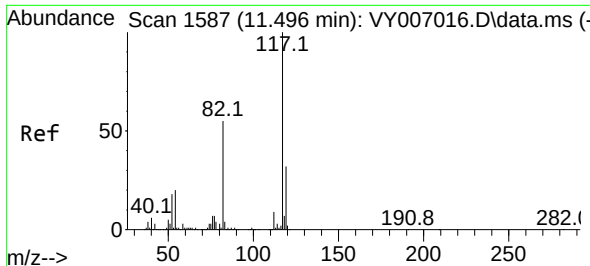
Tgt Ion: 98 Resp: 299471
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.330 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

Tgt Ion: 95 Resp: 115675
Ion Ratio Lower Upper
95 100
174 73.8 0.0 144.6
176 72.3 0.0 141.0

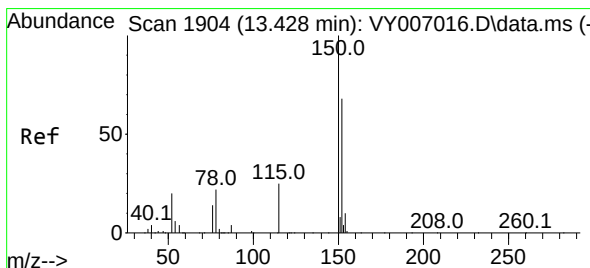
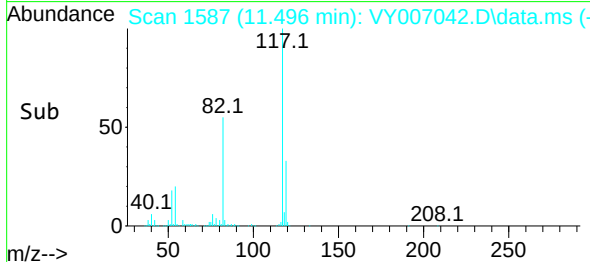
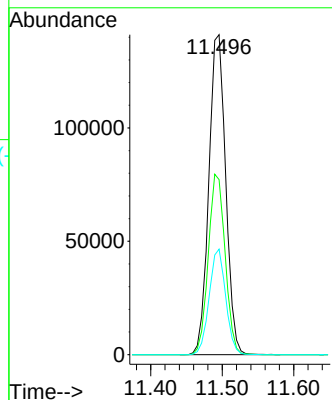
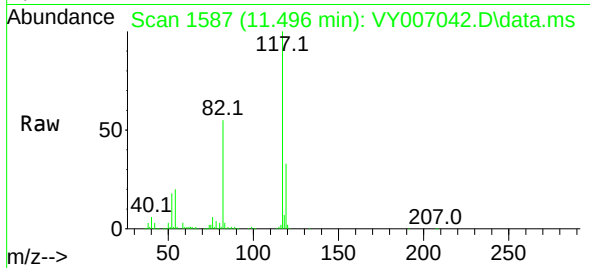




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

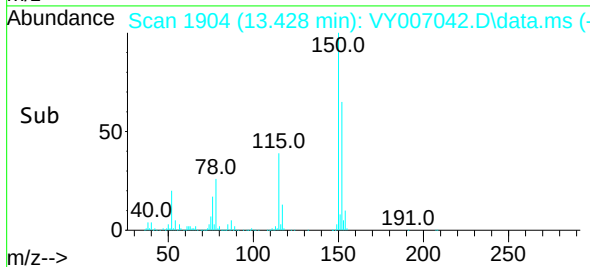
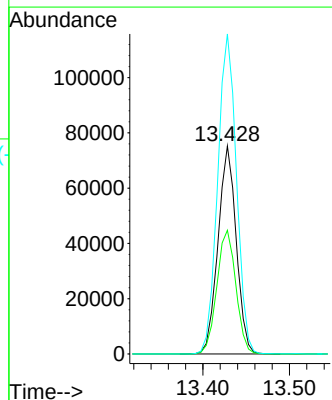
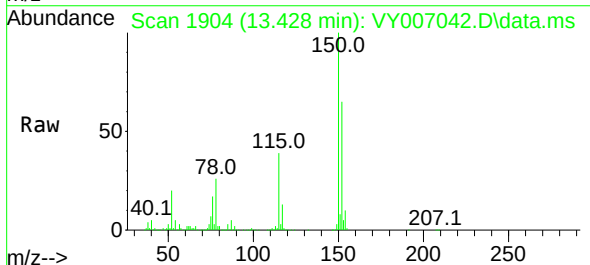
Instrument :
MSVOA_Y
ClientSampleId :

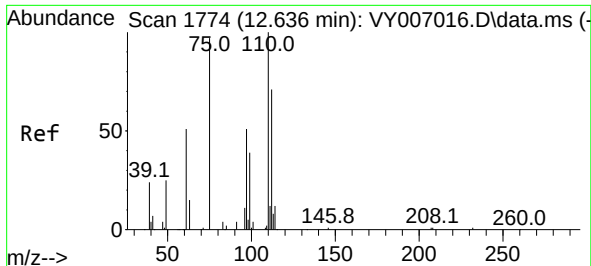
Tgt Ion:117 Resp: 231065
Ion Ratio Lower Upper
117 100
82 54.7 44.1 66.1
119 33.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

Tgt Ion:152 Resp: 109805
Ion Ratio Lower Upper
152 100
115 62.1 31.9 95.5
150 158.8 0.0 358.0

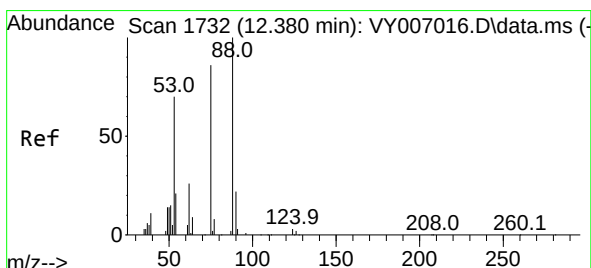
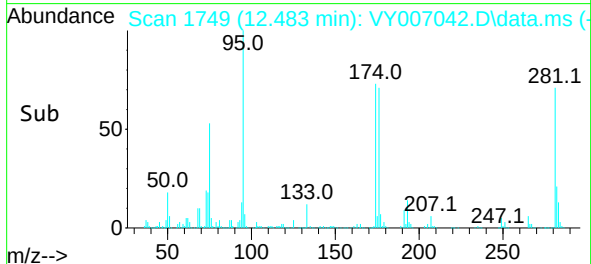
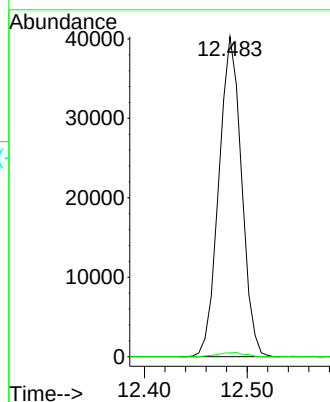
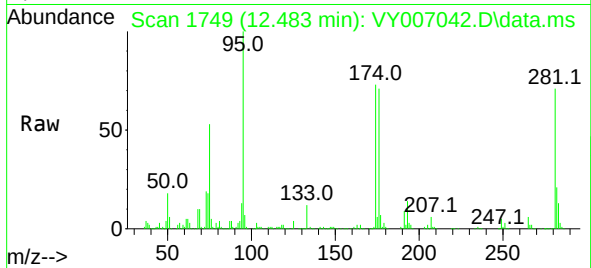




#76
1,2,3-Trichloropropane
Concen: 44.605 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61693
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007042.D
Acq: 06 Jan 2022 19:03

Tgt Ion: 75 Resp: 61693
Ion Ratio Lower Upper
75 100
53 0.0 72.2 108.4#
89 1.8 0.0 0.0#

