

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003967.D
 Acq On : 03 Feb 2021 18:15
 Operator : SY/MD
 Sample : M1291-03
 Misc : 3.96g/5mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-007-0510

Quant Time: Feb 04 01:21:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

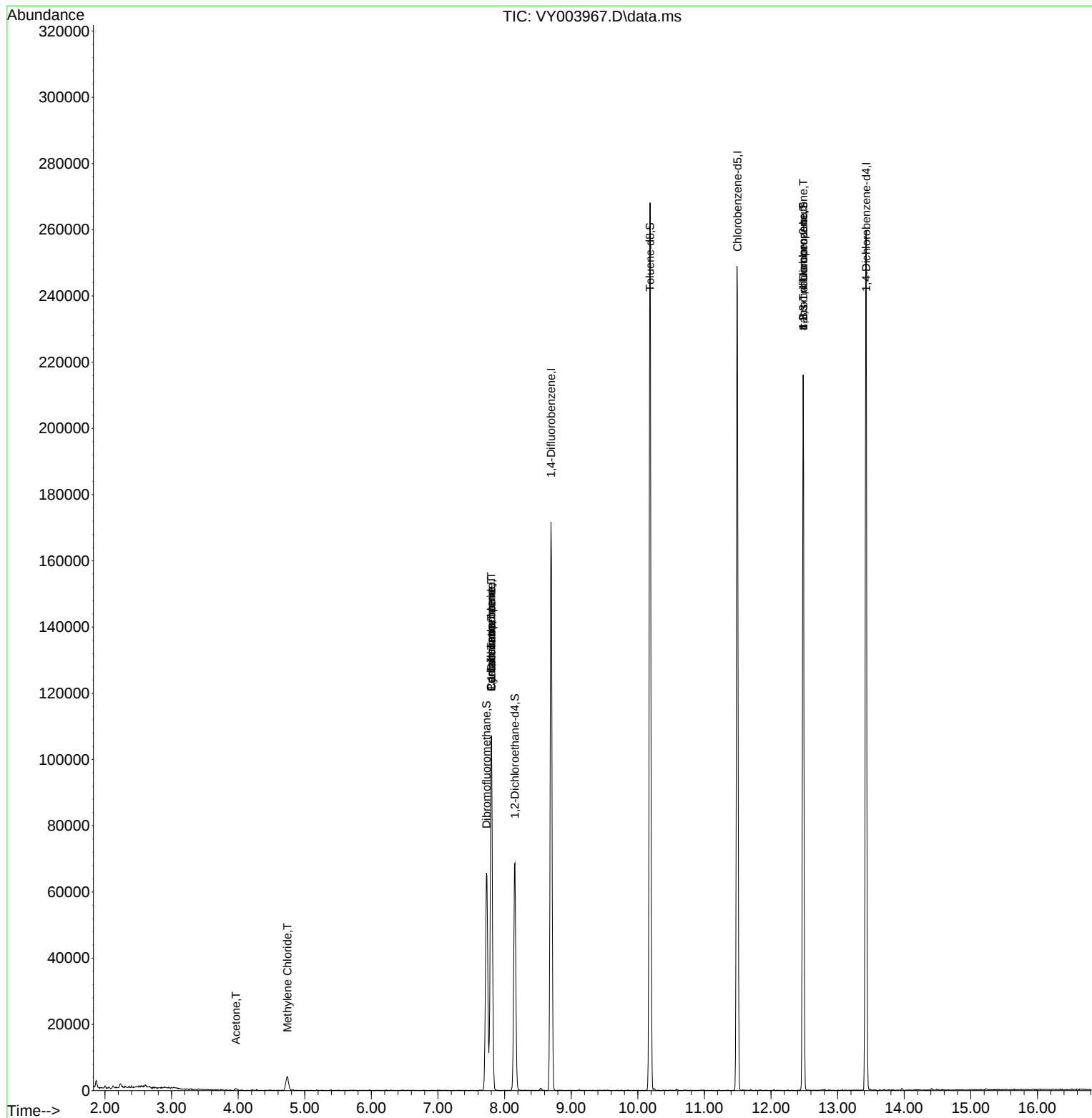
Internal Standards						
1) Pentafluorobenzene	7.801	168	84469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	138899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	133739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57246	61.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.26%			
35) Dibromofluoromethane	7.728	113	45129	55.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.14%			
50) Toluene-d8	10.185	98	171055	53.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.34%			
62) 4-Bromofluorobenzene	12.483	95	62807	54.06	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.12%			
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	1081	4.74	ug/l #	81
20) Methylene Chloride	4.741	84	3298	3.41	ug/l #	78
31) Cyclohexane	7.801	56	1735	1.11	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6014	4.28	ug/l #	50
38) Carbon Tetrachloride	7.801	117	8278	5.45	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	34025	51.01	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34025	97.49	ug/l #	11

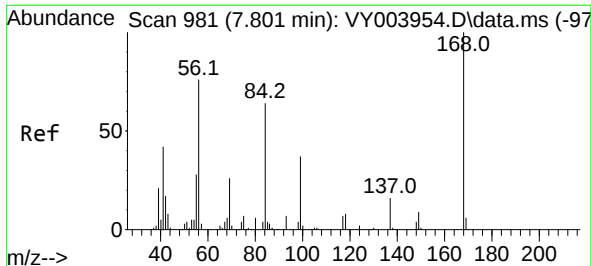
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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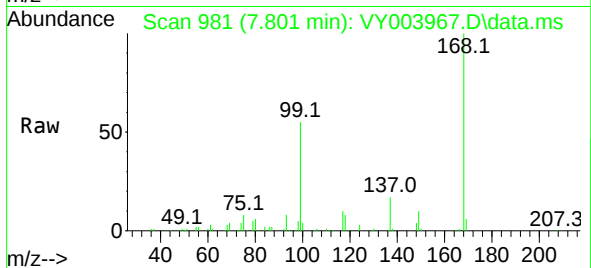
Quant Time: Feb 04 01:21:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 01 00:38:02 2021
Response via : Initial Calibration



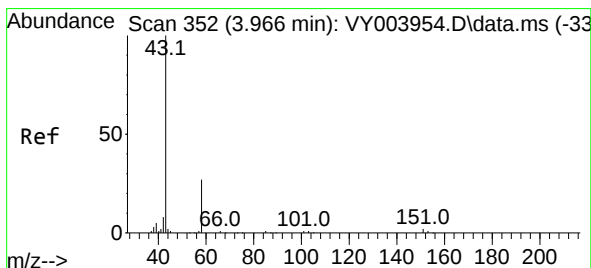
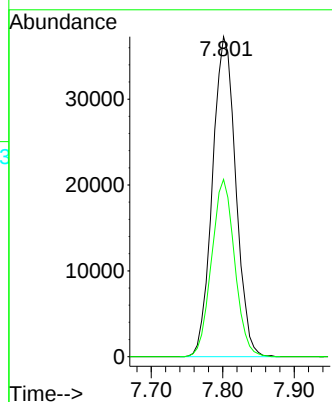
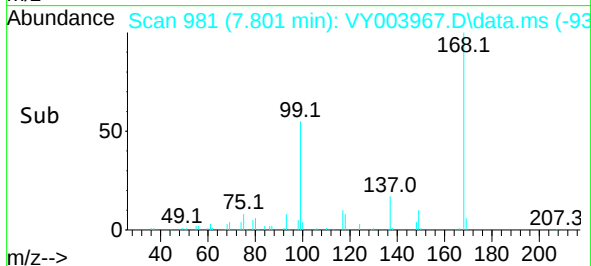


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

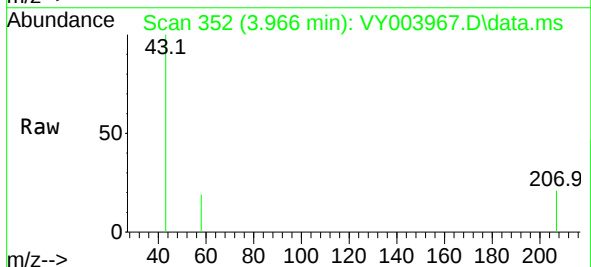
Instrument :
MSVOA_Y
ClientSampleId :
OU421-007-0510



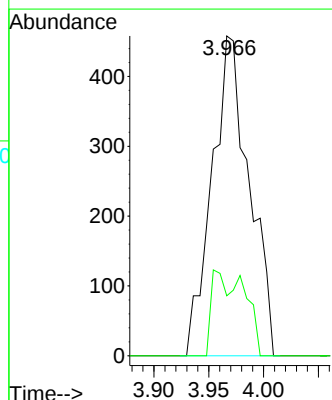
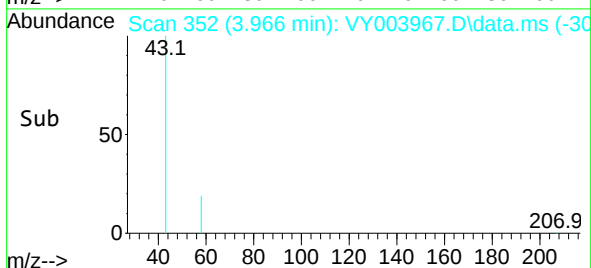
Tgt Ion:168 Resp: 84469
Ion Ratio Lower Upper
168 100
99 55.4 46.1 69.1

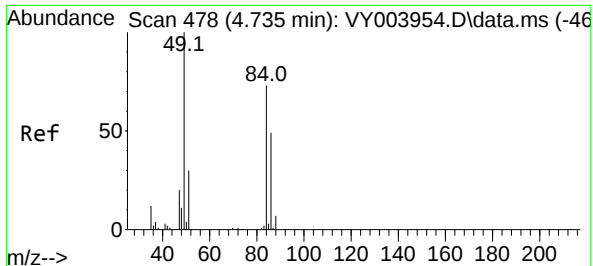


#16
Acetone
Concen: 4.74 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15



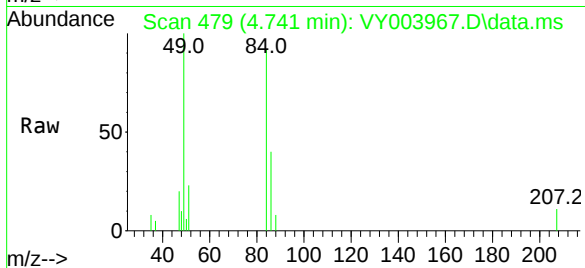
Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
58 18.8 23.4 35.0#



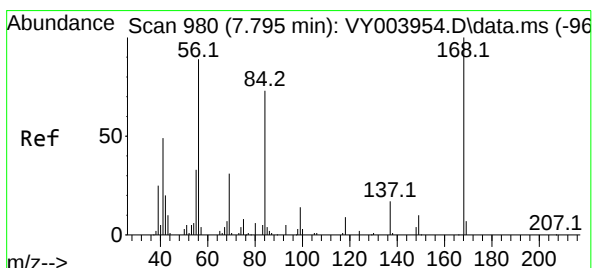
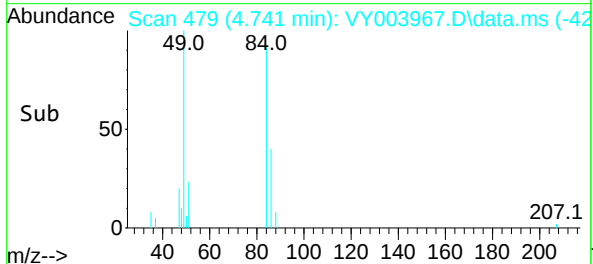
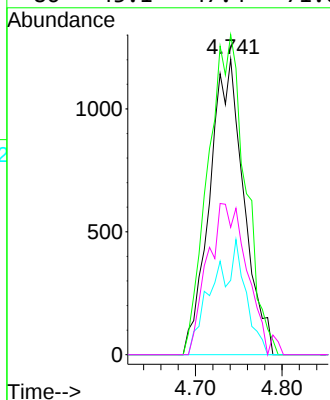


#20
Methylene Chloride
Concen: 3.41 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

Instrument :
MSVOA_Y
ClientSampleId :
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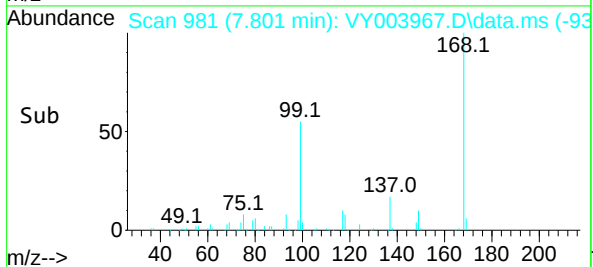
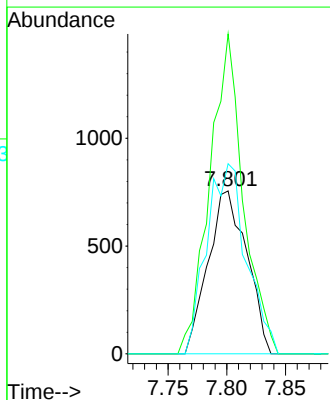
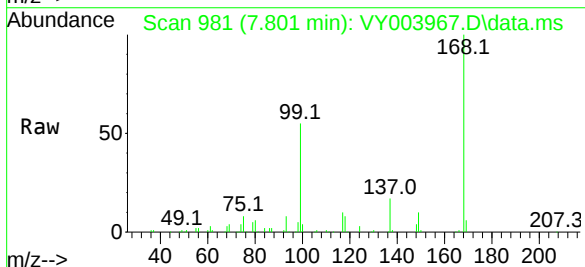


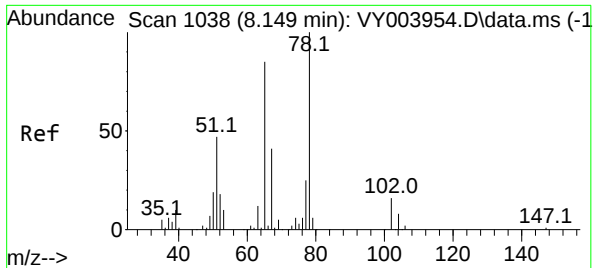
Tgt Ion:	84	Resp:	3298
Ion	Ratio	Lower	Upper
84	100		
49	108.2	107.0	160.4
51	25.2	31.9	47.9#
86	43.1	47.4	71.0#



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

Tgt Ion:	56	Resp:	1735
Ion	Ratio	Lower	Upper
56	100		
69	196.3	25.0	37.4#
84	116.7	64.5	96.7#

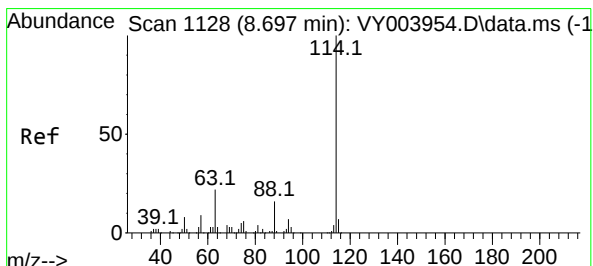
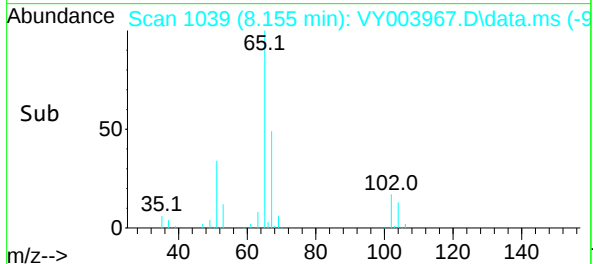
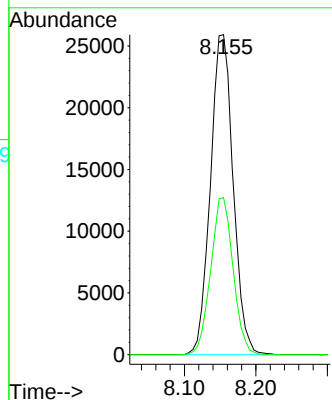
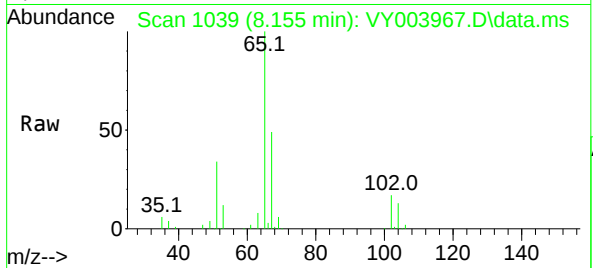




#33
1,2-Dichloroethane-d4
Concen: 61.63 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

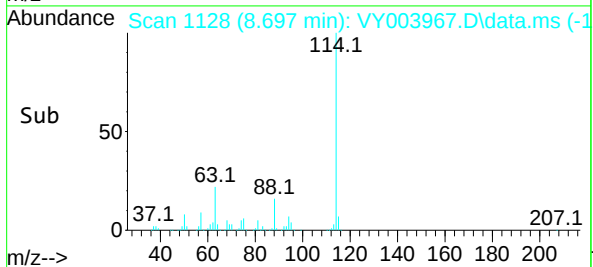
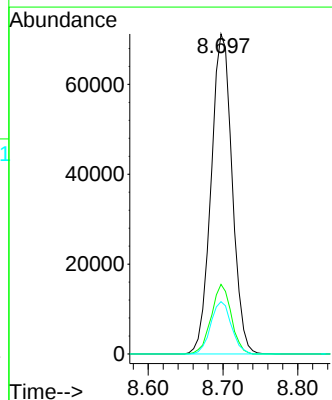
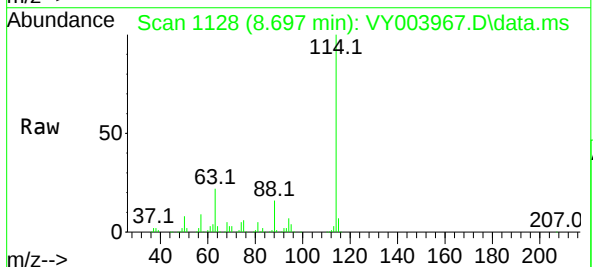
Instrument :
MSVOA_Y
ClientSampleId :
OU421-007-0510

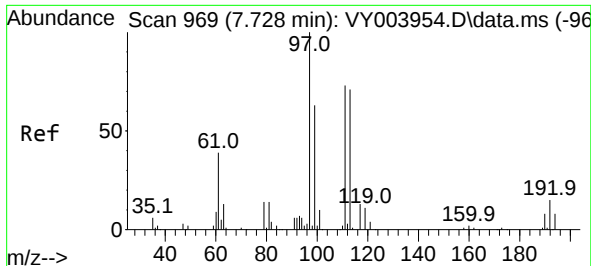
Tgt Ion: 65 Resp: 57246
Ion Ratio Lower Upper
65 100
67 48.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

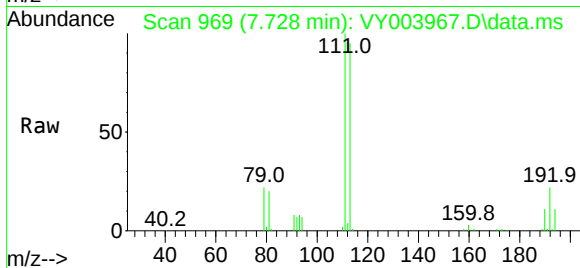
Tgt Ion:114 Resp: 138899
Ion Ratio Lower Upper
114 100
63 21.8 0.0 47.2
88 16.3 0.0 30.2



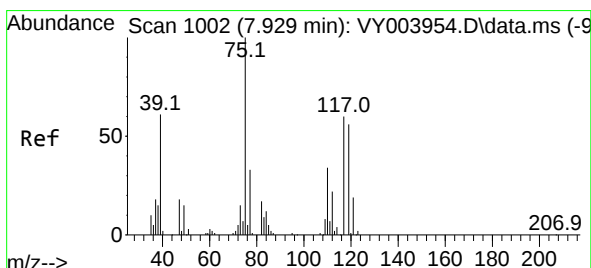
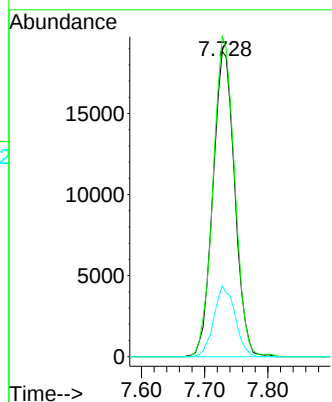
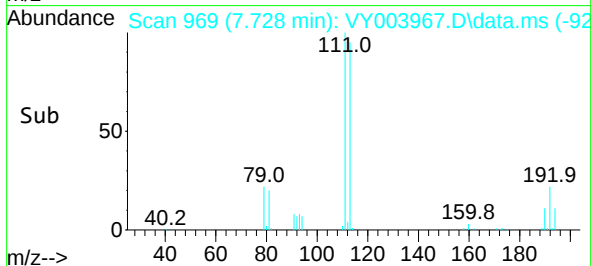


#35
Dibromofluoromethane
Concen: 55.57 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

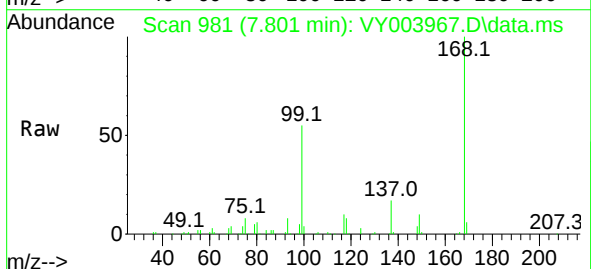
Instrument :
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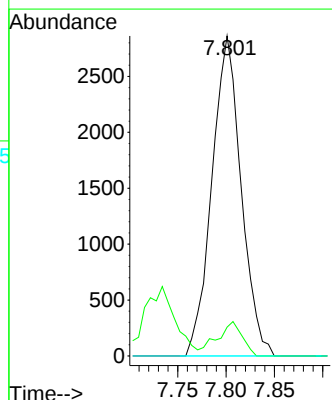
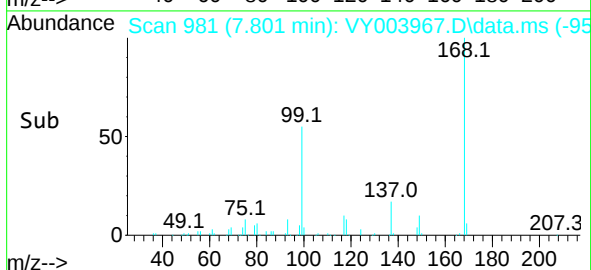
Tgt Ion:113 Resp: 45129
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 22.4 18.3 27.5

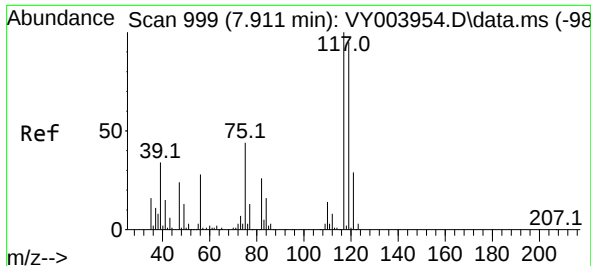


#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15



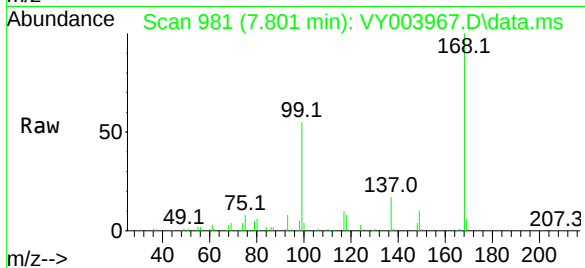
Tgt Ion: 75 Resp: 6014
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.8#
77 0.0 24.8 37.2#



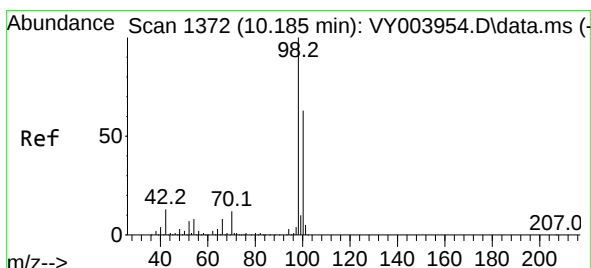
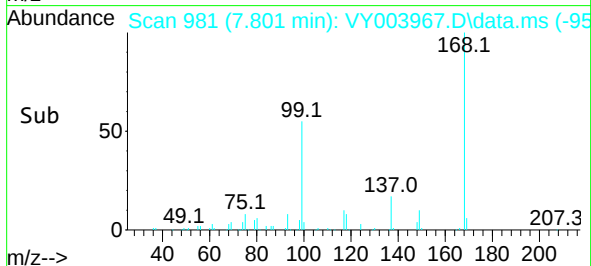
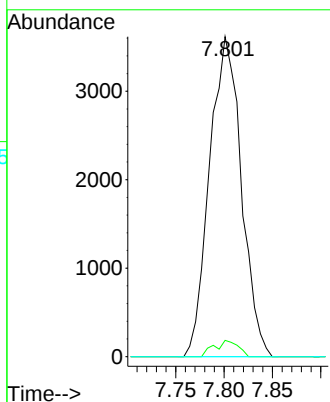


#38
Carbon Tetrachloride
Concen: 5.45 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

Instrument :
MSVOA_Y
ClientSampleId :
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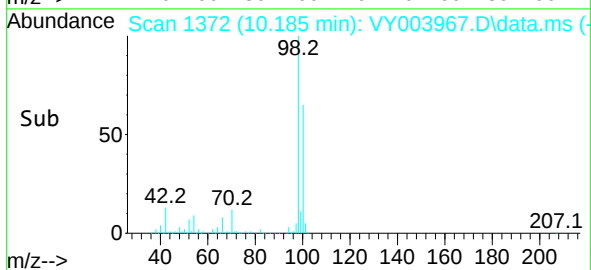
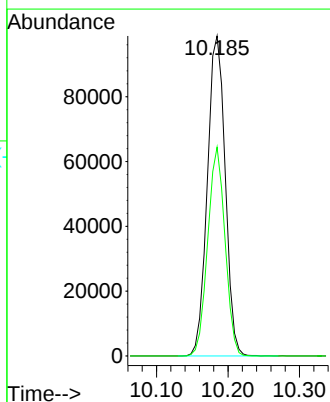
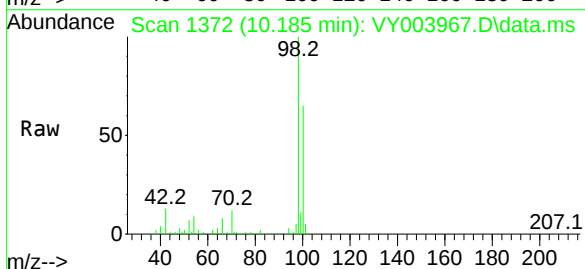


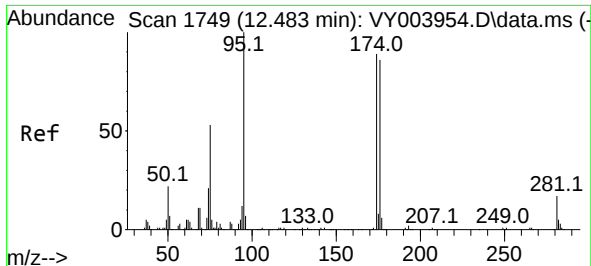
Tgt Ion:117 Resp: 8278
Ion Ratio Lower Upper
117 100
119 5.1 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.67 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

Tgt Ion: 98 Resp: 171055
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7

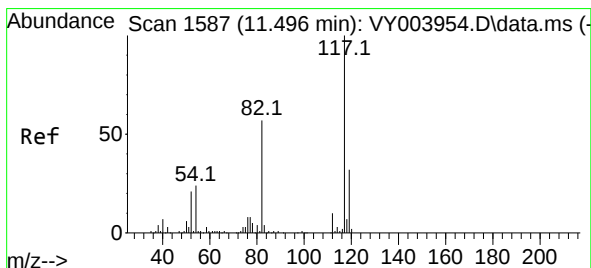
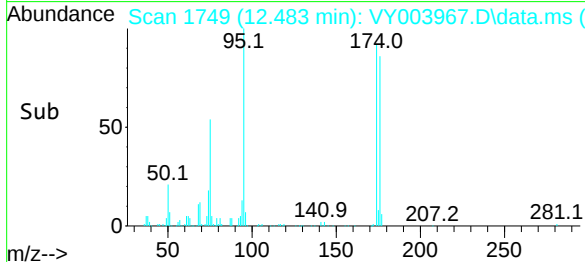
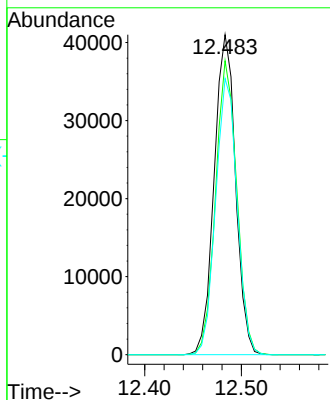
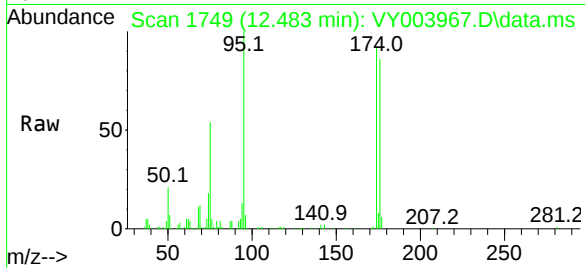




#62
4-Bromofluorobenzene
Concen: 54.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

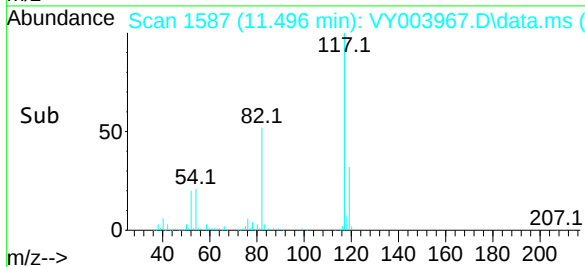
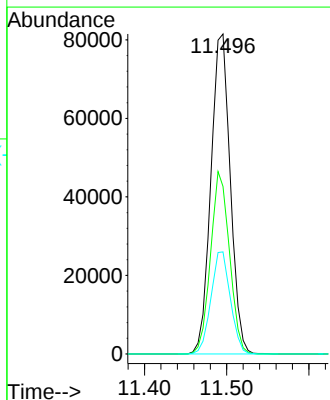
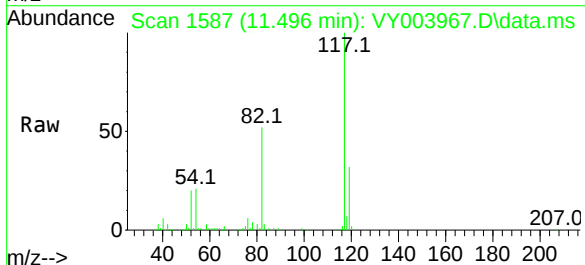
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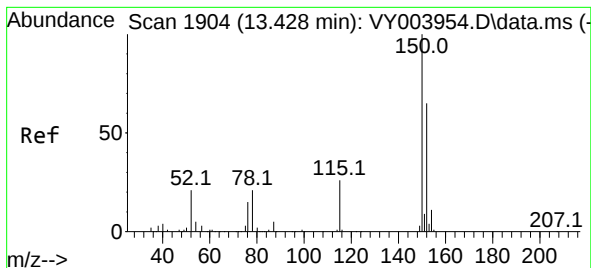
Tgt Ion:	95	Resp:	62807
Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	184.4
176	86.5	0.0	177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

Tgt Ion:	117	Resp:	133739
Ion	Ratio	Lower	Upper
117	100		
82	52.3	44.3	66.5
119	31.9	25.0	37.6

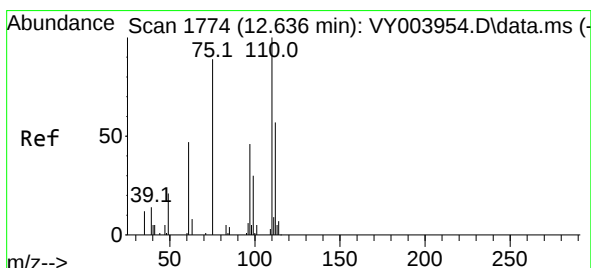
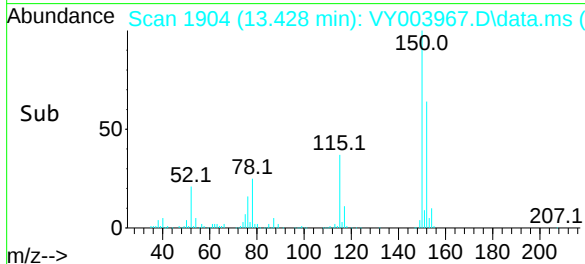
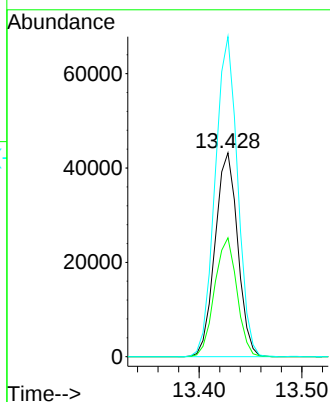
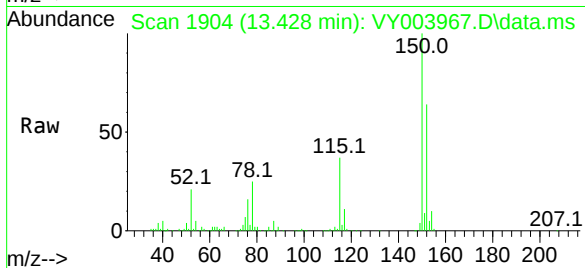




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

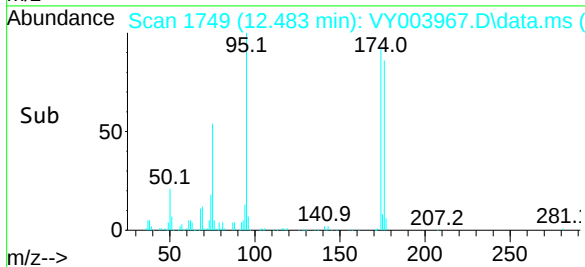
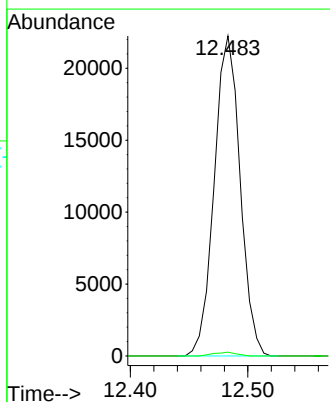
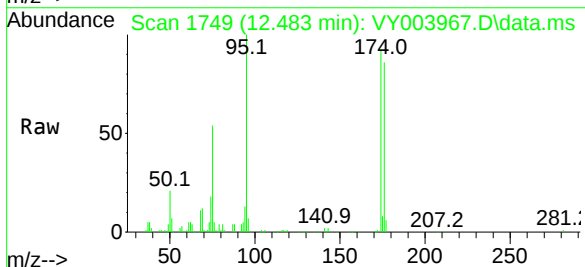
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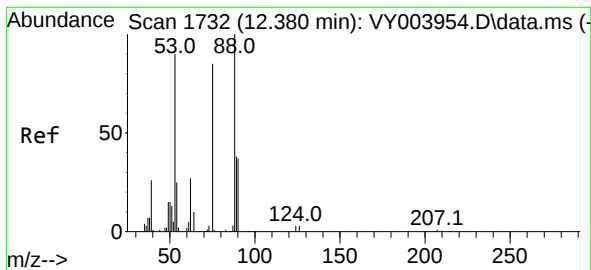
Tgt Ion:152 Resp: 66211
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.6
150 155.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 51.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003967.D
Acq: 03 Feb 2021 18:15

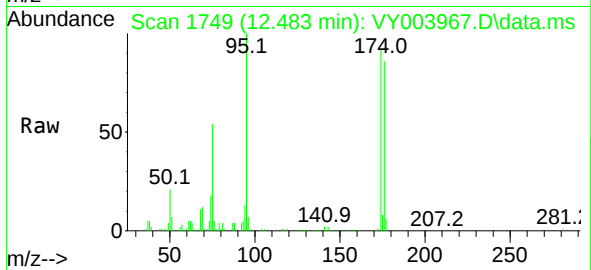
Tgt Ion: 75 Resp: 34025
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.49 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003967.D
 Acq: 03 Feb 2021 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-007-0510



Tgt Ion: 75 Resp: 34025
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.1 34.8 52.2#

