

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004143.D
 Acq On : 19 Mar 2021 18:17
 Operator : SY/MD
 Sample : M1746-02
 Misc : 4.63g/5mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-18.5-19.0

Quant Time: Mar 20 03:16:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

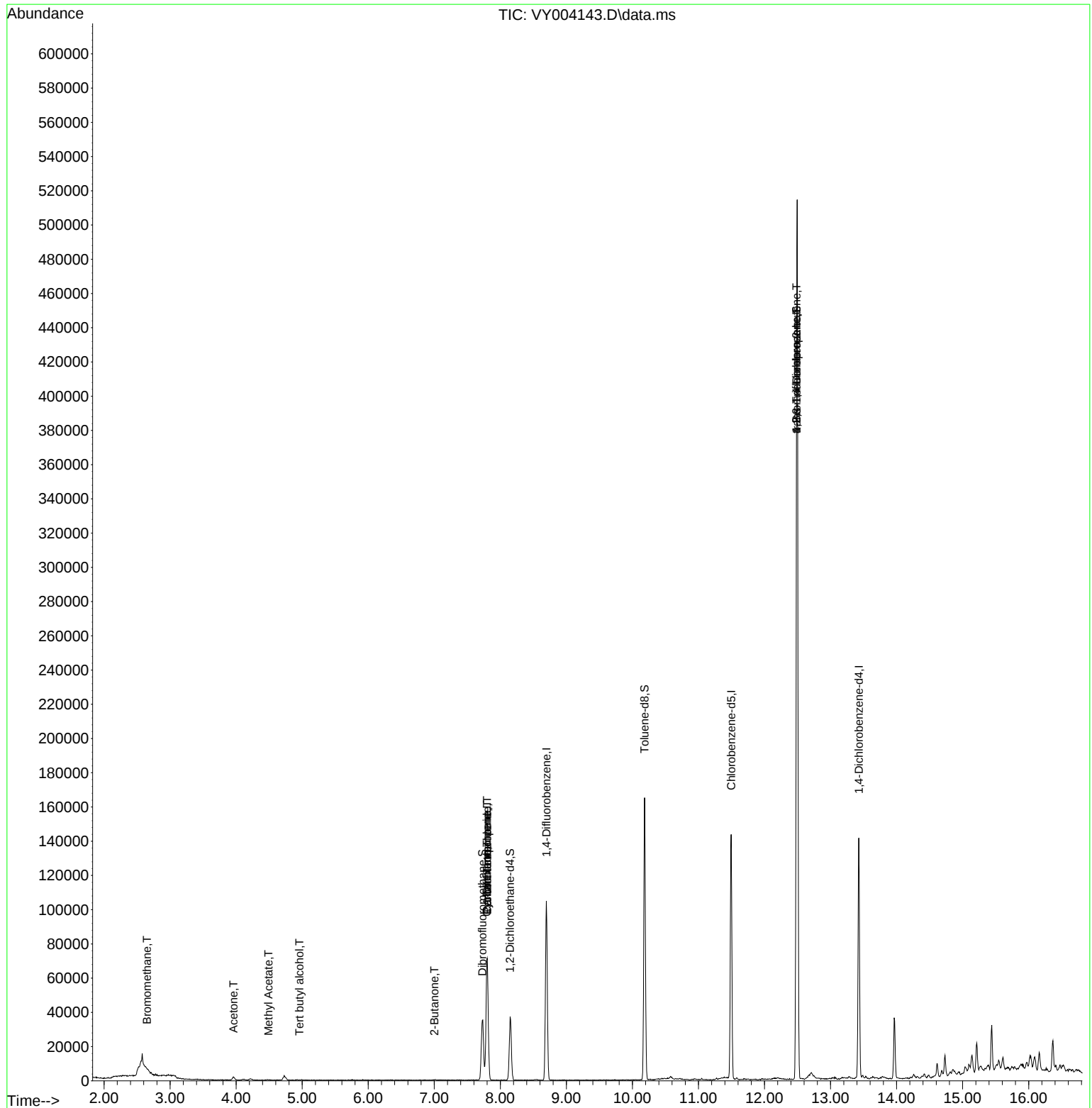
Internal Standards						
1) Pentafluorobenzene	7.801	168	58243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	90148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	77202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35664	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	28716	49.96	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.92%		
35) Dibromofluoromethane	7.728	113	25858	50.87	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.74%		
50) Toluene-d8	10.185	98	104184	52.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.56%		
62) 4-Bromofluorobenzene	12.483	95	34698	47.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.28%		
Target Compounds						
3) Chloromethane	2.125	50	422	Below Cal	#	87
5) Bromomethane	2.650	94	616	1.37	ug/l	82
11) Tert butyl alcohol	4.960	59	138	2.66	ug/l	# 76
16) Acetone	3.960	43	3051	21.99	ug/l	# 85
18) Methyl Acetate	4.491	43	510	1.49	ug/l	# 62
20) Methylene Chloride	4.729	84	1718	Below Cal		94
25) 2-Butanone	7.003	43	306	1.53	ug/l	# 51
31) Cyclohexane	7.795	56	1205	1.20	ug/l	# 38
36) 1,1-Dichloropropene	7.801	75	4281	5.41	ug/l	# 50
38) Carbon Tetrachloride	7.801	117	5676	6.75	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	21911	64.07	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	21911	126.46	ug/l	# 16

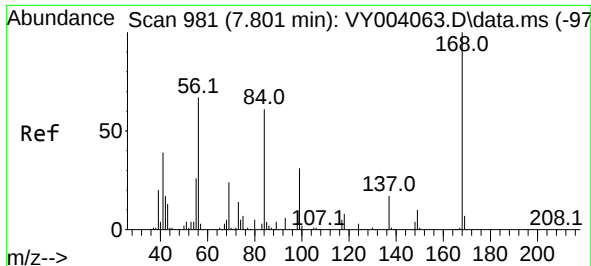
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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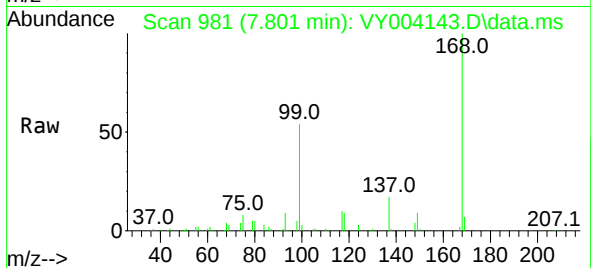
Quant Time: Mar 20 03:16:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
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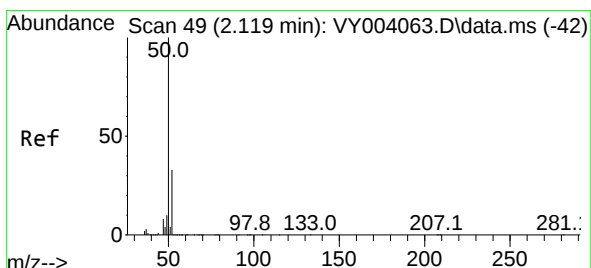
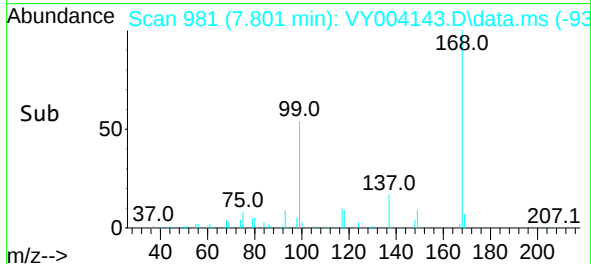
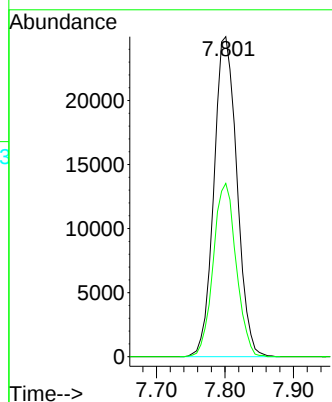


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-18.5-19.0

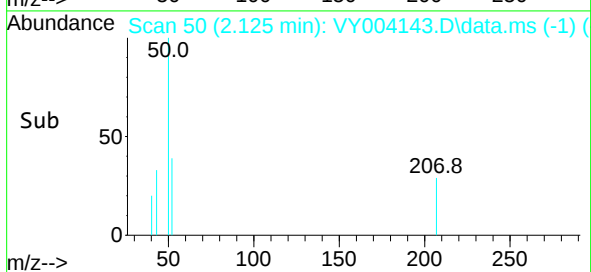
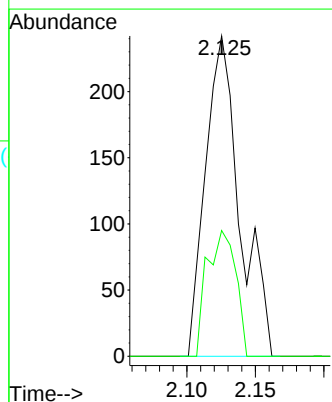
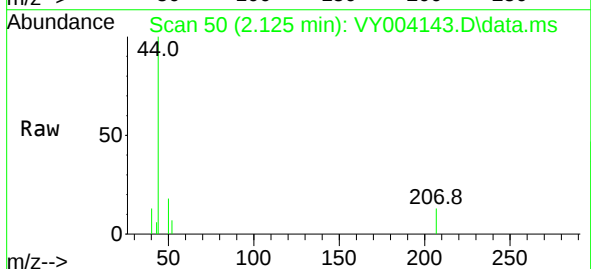


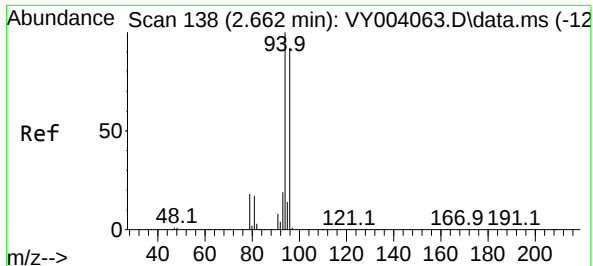
Tgt Ion:168 Resp: 58243
Ion Ratio Lower Upper
168 100
99 54.1 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion: 50 Resp: 422
Ion Ratio Lower Upper
50 100
52 39.3 25.4 38.2#

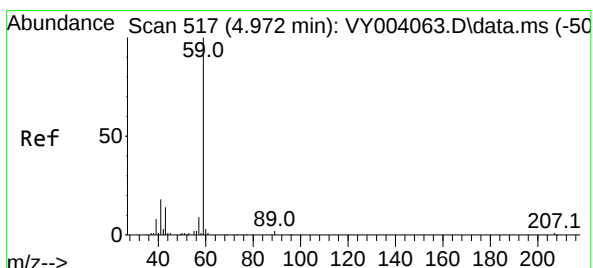
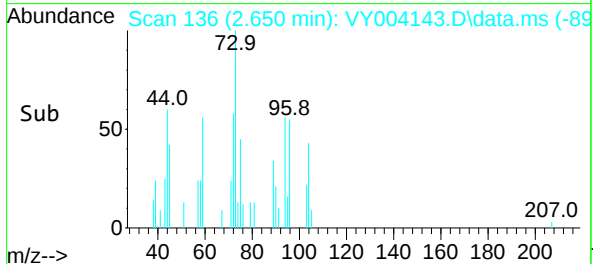
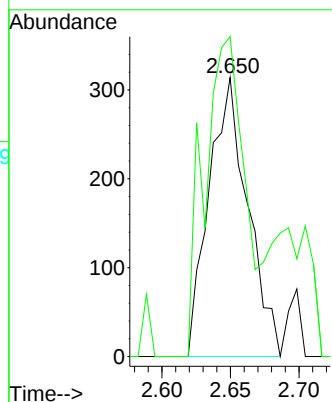
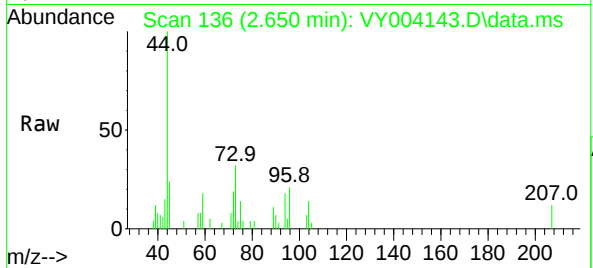




#5
Bromomethane
Concen: 1.37 ug/l
RT: 2.650 min Scan# 136
Delta R.T. -0.012 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

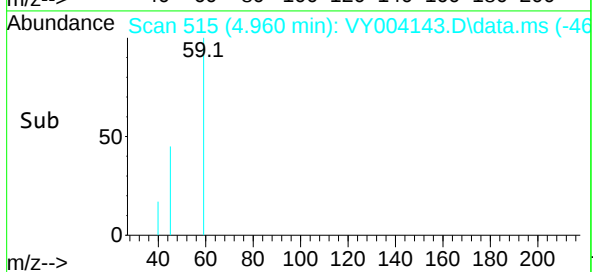
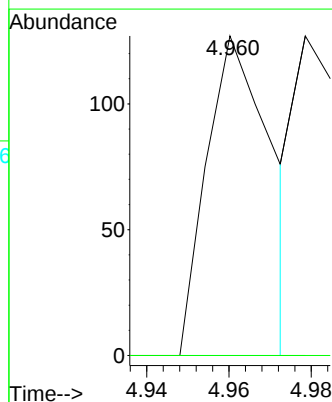
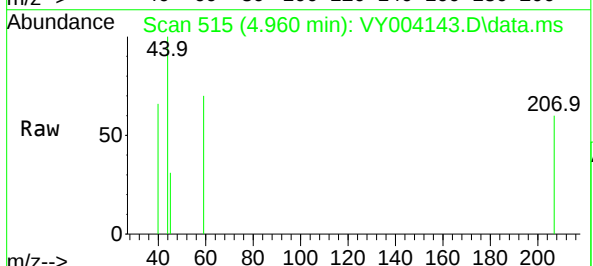
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-18.5-19.0

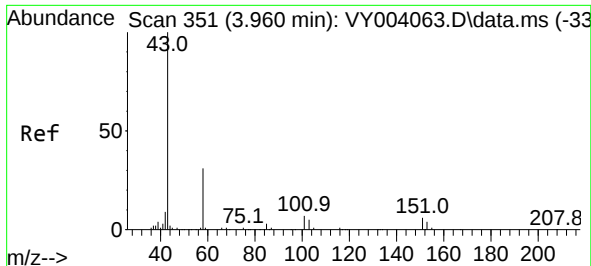
Tgt Ion: 94 Resp: 616
Ion Ratio Lower Upper
94 100
96 114.6 77.4 116.2



#11
Tert butyl alcohol
Concen: 2.66 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion: 59 Resp: 138
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

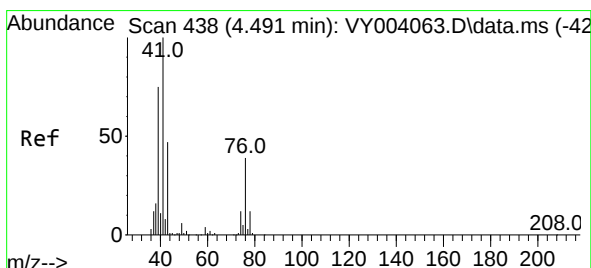
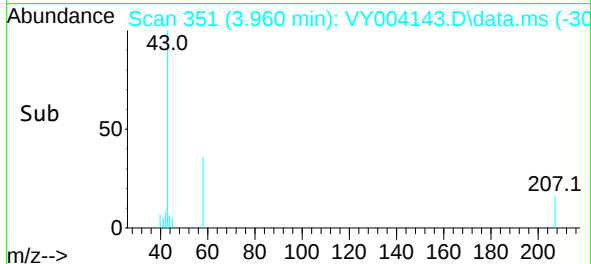
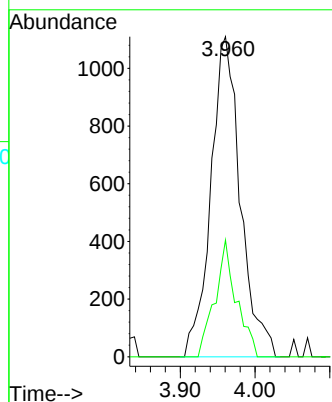
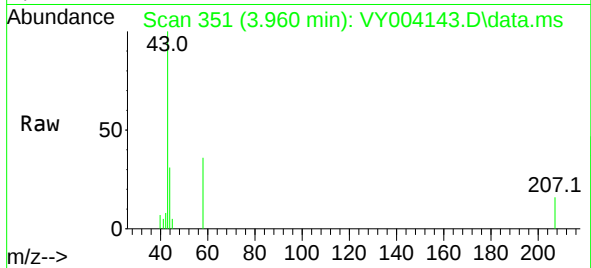




#16
Acetone
Concen: 21.99 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

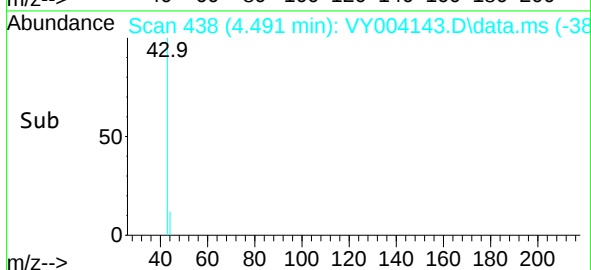
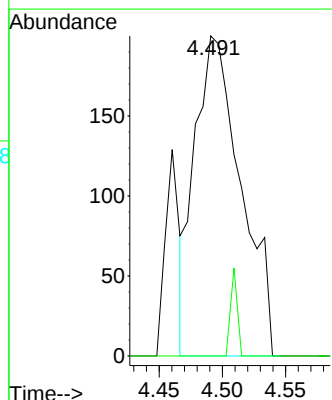
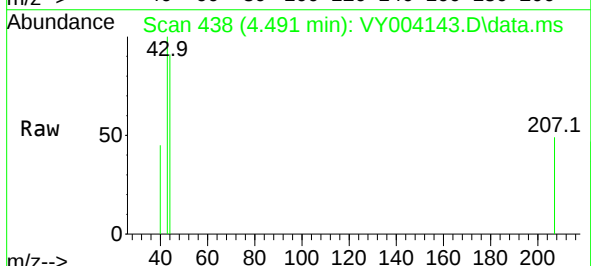
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-18.5-19.0

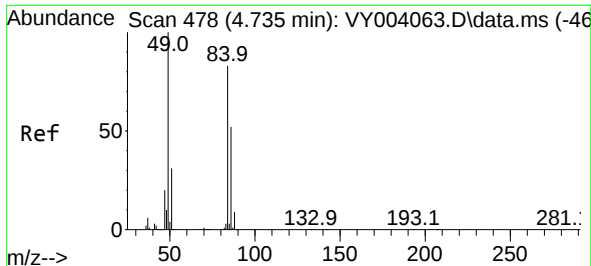
Tgt Ion: 43 Resp: 3051
Ion Ratio Lower Upper
43 100
58 36.5 22.6 34.0#



#18
Methyl Acetate
Concen: 1.49 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
74 3.9 17.6 26.4#

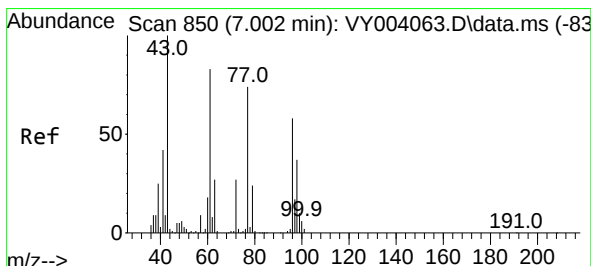
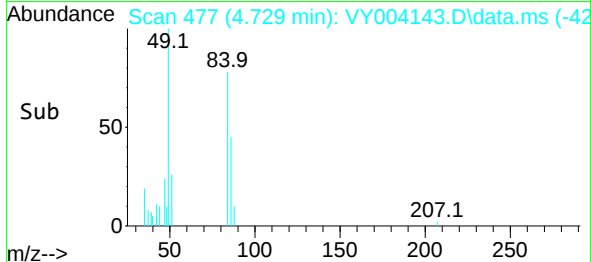
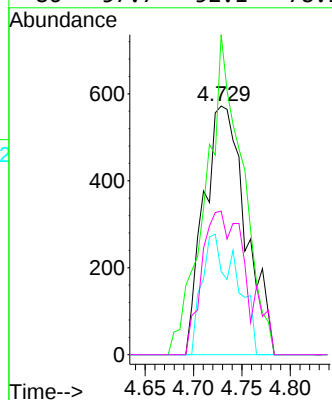
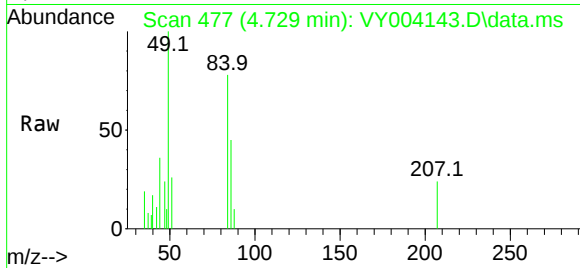




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

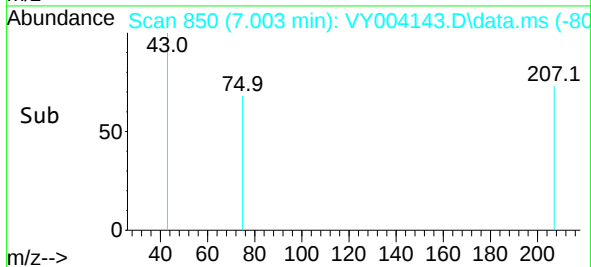
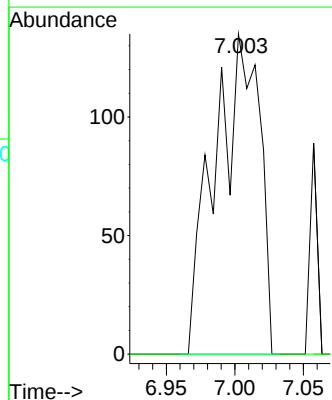
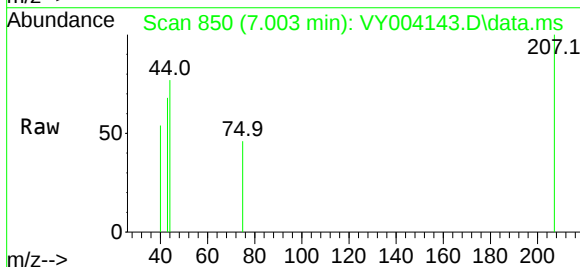
Instrument :
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ClientSampleId :
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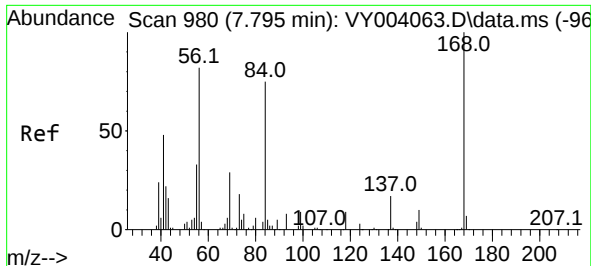
Tgt Ion:	84	Resp:	1718
Ion	Ratio	Lower	Upper
84	100		
49	128.7	105.8	158.6
51	33.4	32.6	48.8
86	57.7	52.1	78.1



#25
2-Butanone
Concen: 1.53 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion:	43	Resp:	306
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.0#

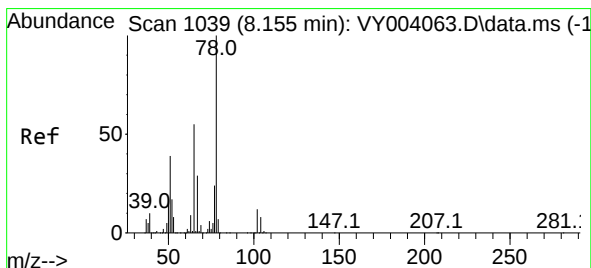
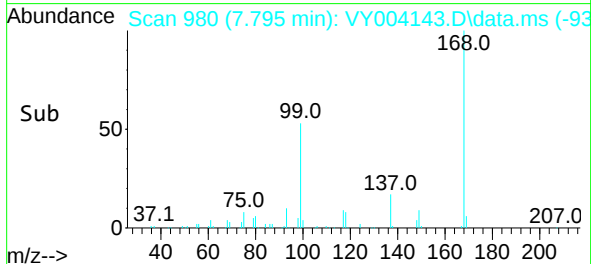
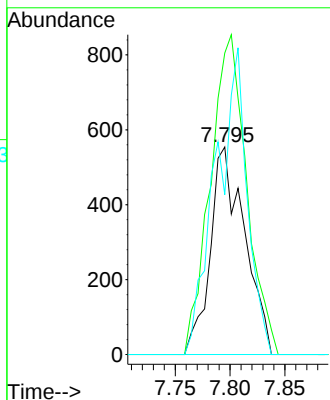
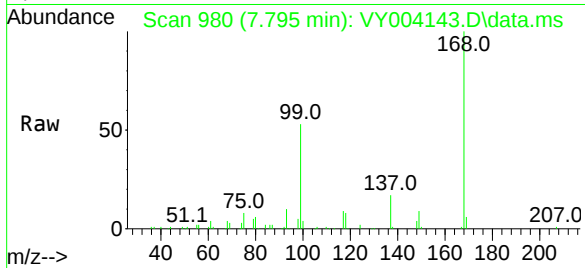




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

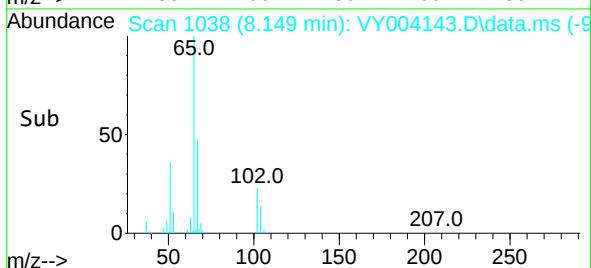
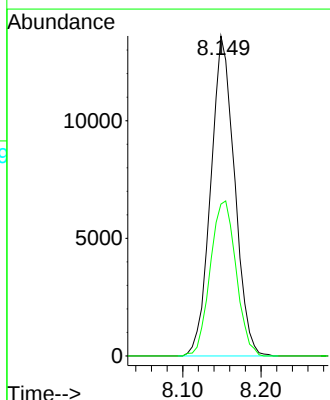
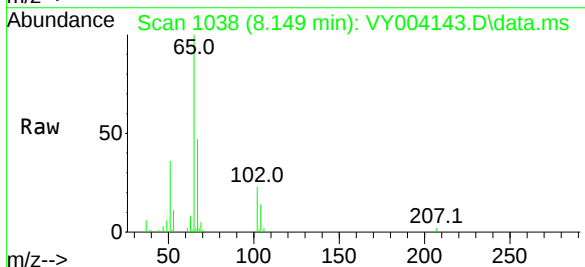
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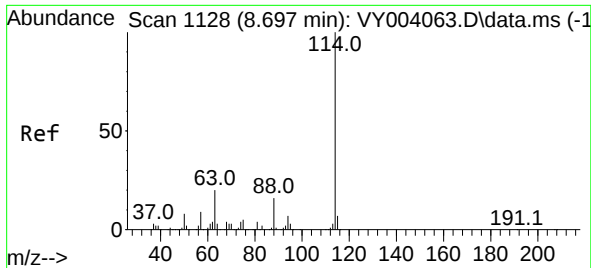
Tgt Ion: 56 Resp: 1205
Ion Ratio Lower Upper
56 100
69 145.3 25.3 37.9#
84 77.1 67.3 100.9



#33
1,2-Dichloroethane-d4
Concen: 49.96 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion: 65 Resp: 28716
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4

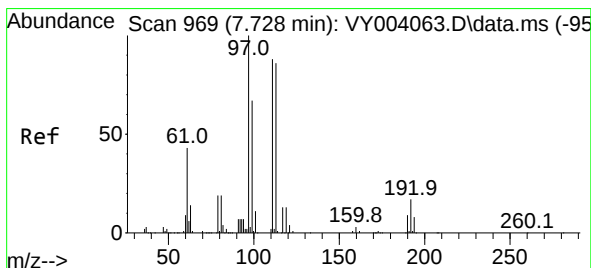
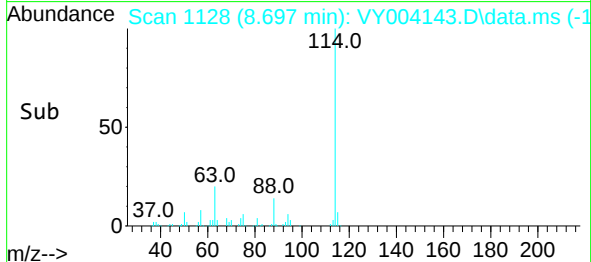
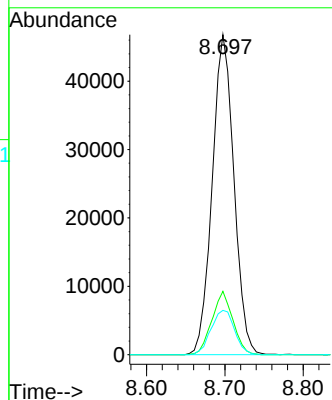
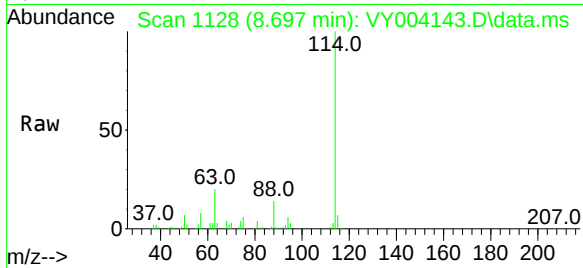




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

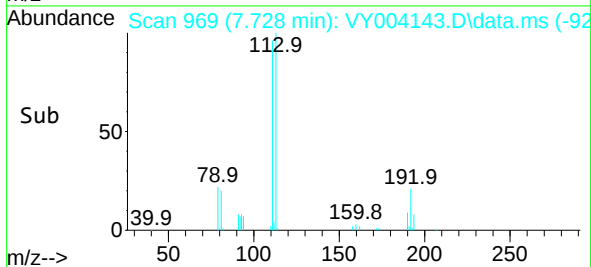
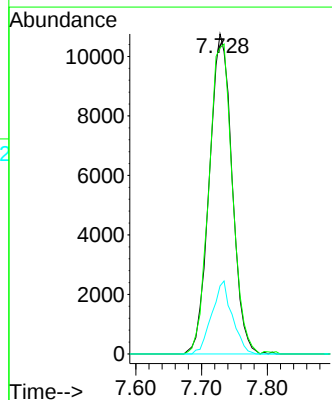
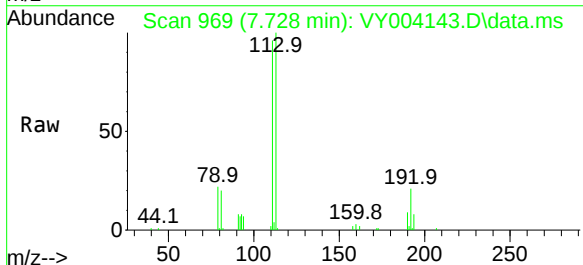
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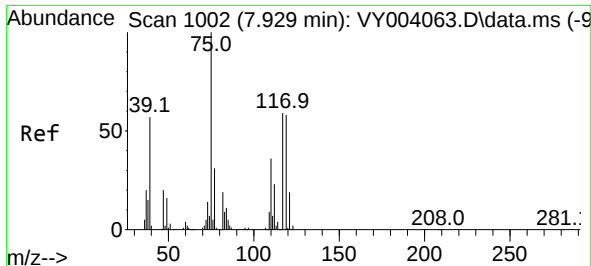
Tgt Ion:	114	Resp:	90148
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	41.6
88	13.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 50.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion:	113	Resp:	25858
Ion Ratio	Lower	Upper	
113	100		
111	100.2	83.2	124.8
192	20.5	18.5	27.7

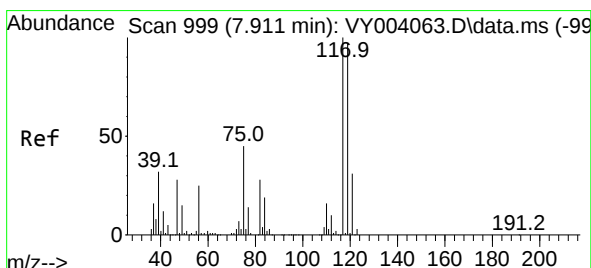
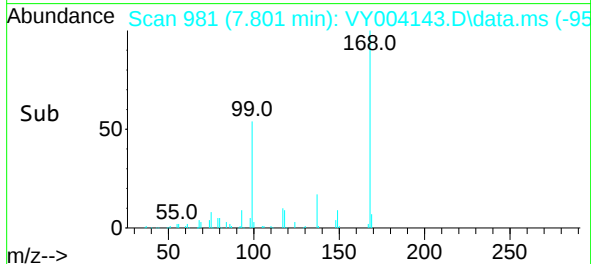
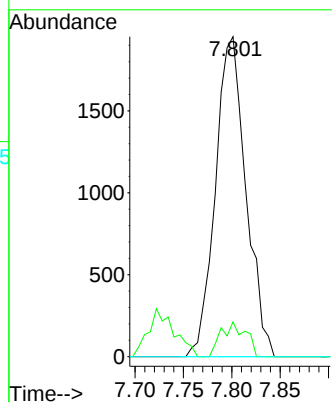
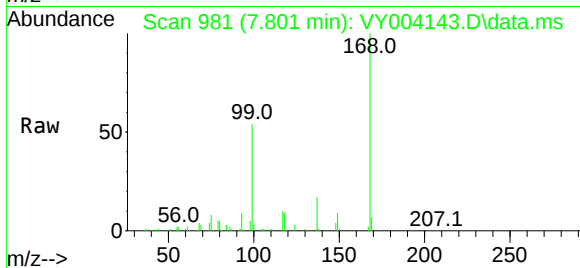




#36
1,1-Dichloropropene
Concen: 5.41 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

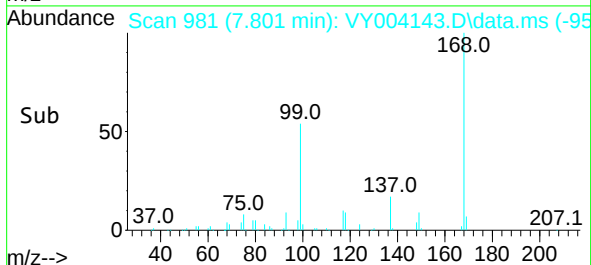
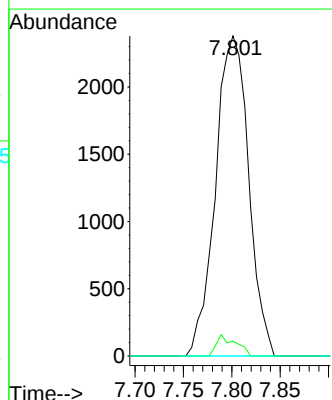
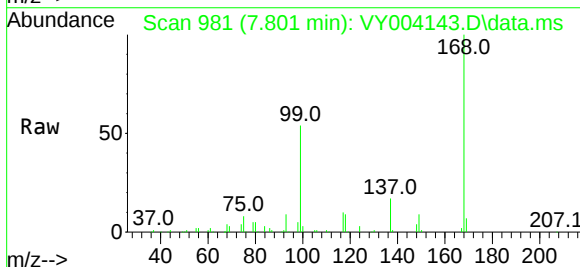
Instrument :
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SB-2-18.5-19.0

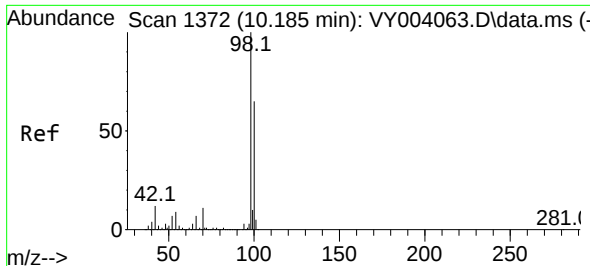
Tgt Ion: 75 Resp: 4281
Ion Ratio Lower Upper
75 100
110 8.7 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion: 117 Resp: 5676
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 24.2 36.2#

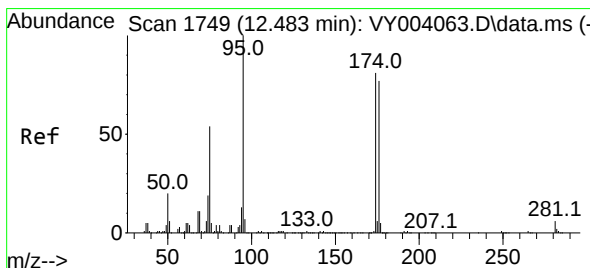
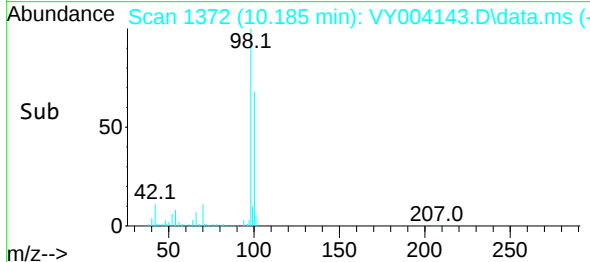
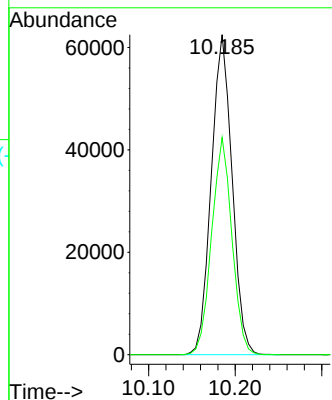
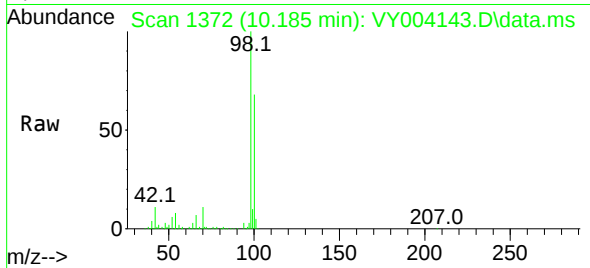




#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

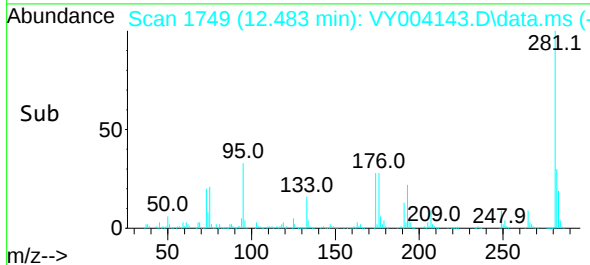
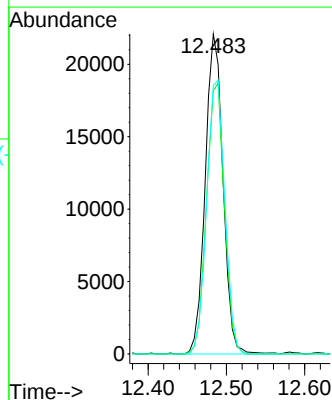
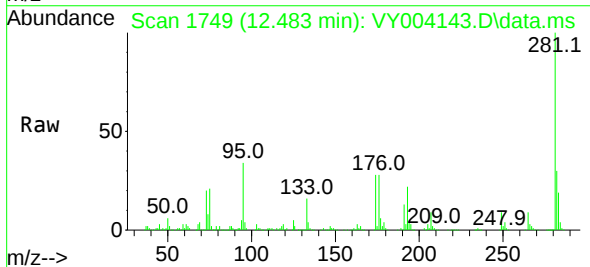
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-18.5-19.0

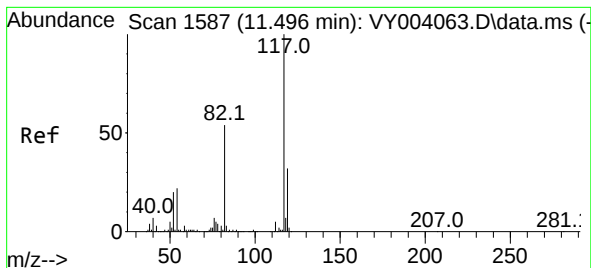
Tgt Ion: 98 Resp: 104184
Ion Ratio Lower Upper
98 100
100 66.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion: 95 Resp: 34698
Ion Ratio Lower Upper
95 100
174 85.2 0.0 179.0
176 87.7 0.0 174.4

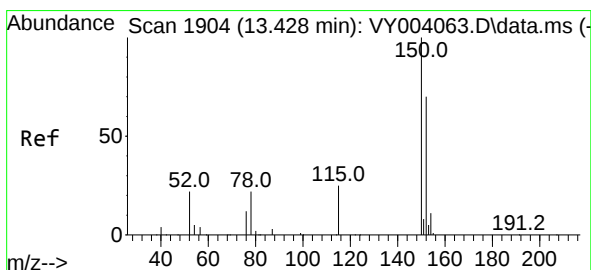
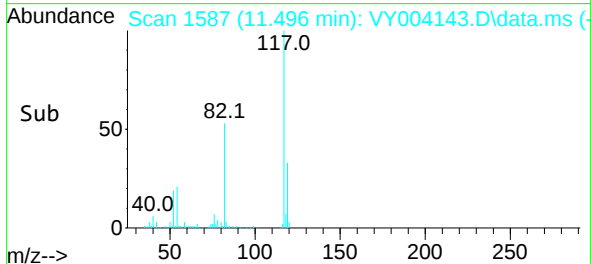
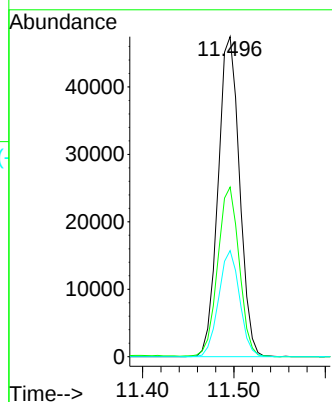
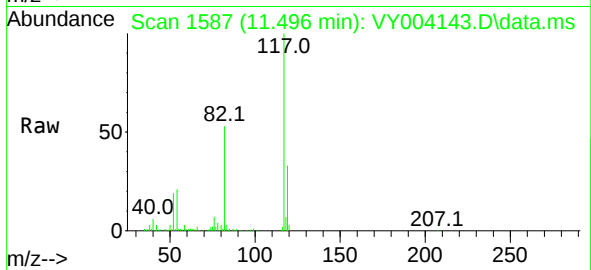




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

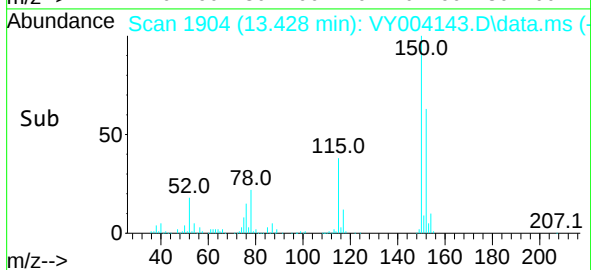
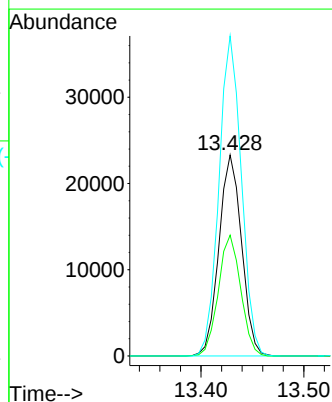
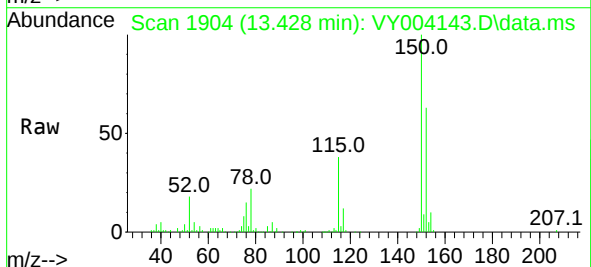
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-18.5-19.0

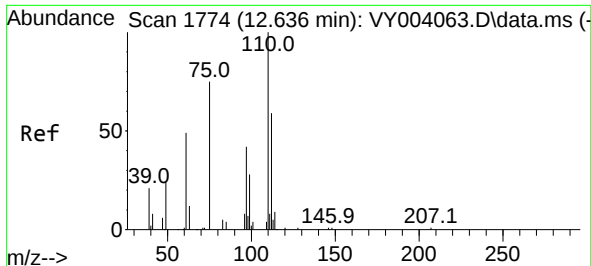
Tgt Ion:	117	Resp:	77202
Ion Ratio	Lower	Upper	
117	100		
82	53.0	43.8	65.6
119	33.2	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion:	152	Resp:	35664
Ion Ratio	Lower	Upper	
152	100		
115	59.3	28.2	84.6
150	157.2	0.0	347.2

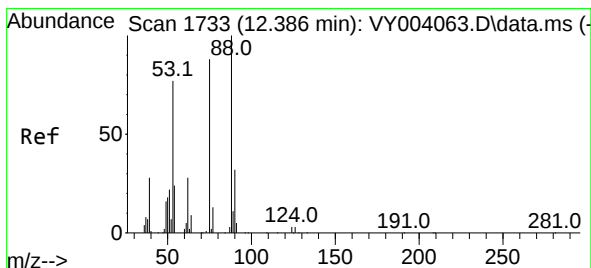
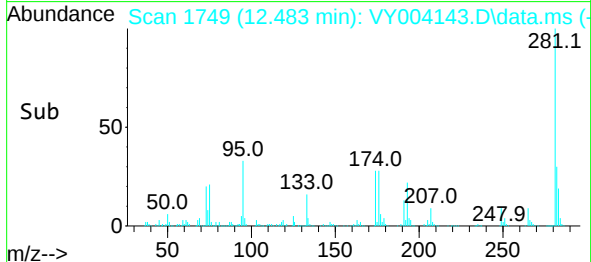
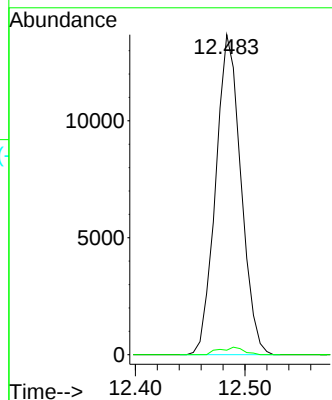
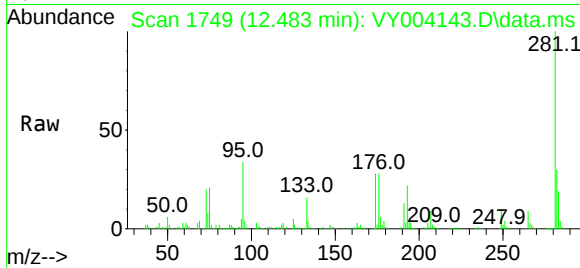




#76
1,2,3-Trichloropropane
Concen: 64.07 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-18.5-19.0

Tgt Ion: 75 Resp: 21911
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004143.D
Acq: 19 Mar 2021 18:17

Tgt Ion: 75 Resp: 21911
Ion Ratio Lower Upper
75 100
53 0.2 73.5 110.3#
89 5.4 35.7 53.5#

