

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031921\
 Data File : VY004149.D
 Acq On : 19 Mar 2021 20:37
 Operator : SY/MD
 Sample : M1746-08
 Misc : 7.18g/5mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Mar 20 03:17:48 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)

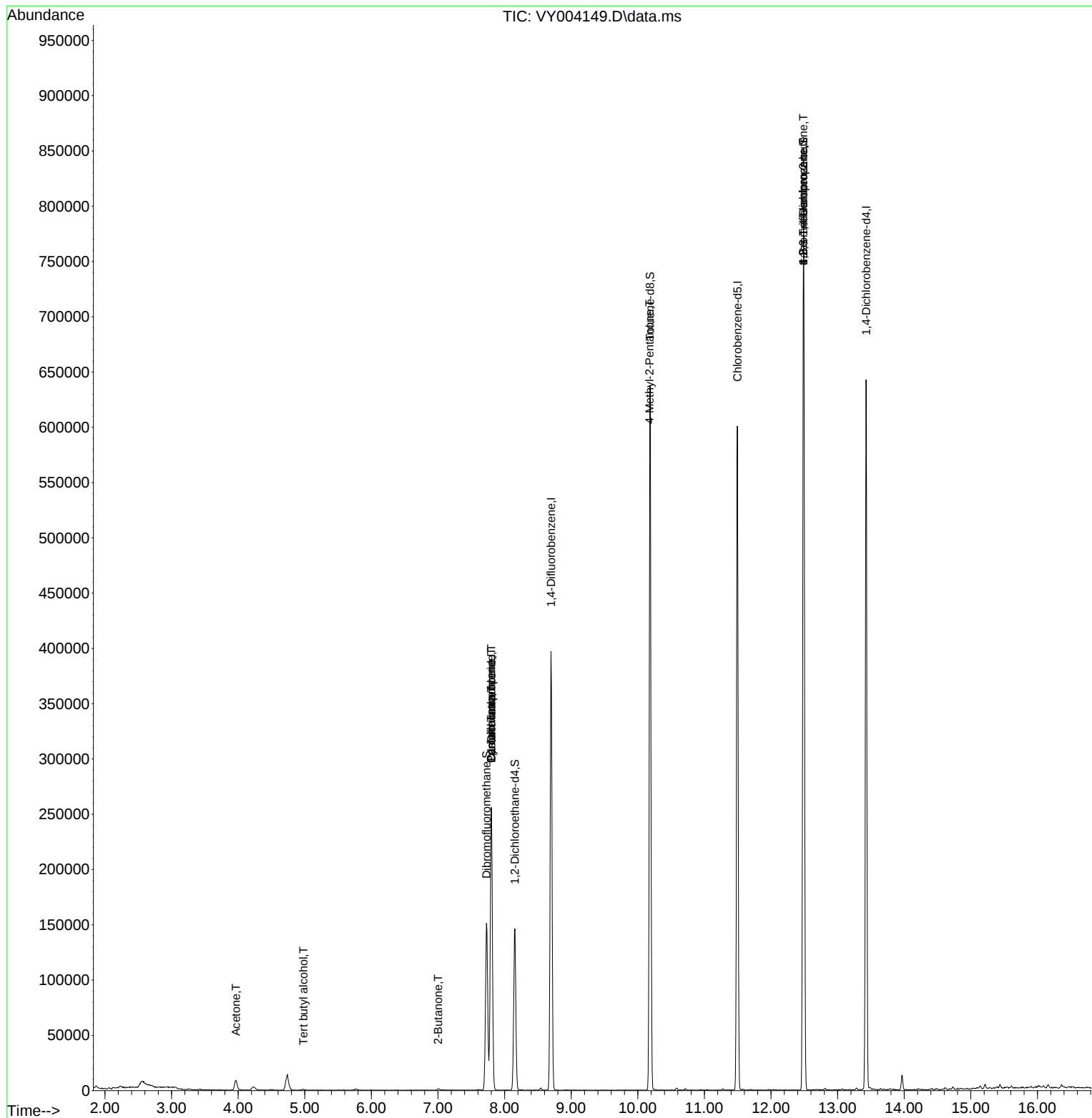
Internal Standards						
1) Pentafluorobenzene	7.801	168	204467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	343248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	324254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	162396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	113936	56.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.94%
35) Dibromofluoromethane	7.728	113	104646	54.06	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.12%
50) Toluene-d8	10.185	98	405187	53.40	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.80%
62) 4-Bromofluorobenzene	12.483	95	149999	53.52	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.04%
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	328	Below Cal		91
11) Tert butyl alcohol	4.978	59	1626	8.91 ug/l #		91
16) Acetone	3.966	43	15974	32.80 ug/l		97
25) 2-Butanone	7.002	43	1846	2.63 ug/l		93
31) Cyclohexane	7.801	56	4171	1.18 ug/l #		1
36) 1,1-Dichloropropene	7.801	75	15042	4.99 ug/l #		51
38) Carbon Tetrachloride	7.801	117	19388	6.06 ug/l #		16
51) 4-Methyl-2-Pentanone	10.179	43	1722	1.04 ug/l #		1
76) 1,2,3-Trichloropropane	12.483	75	81757	52.51 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	81757	103.62 ug/l #		14

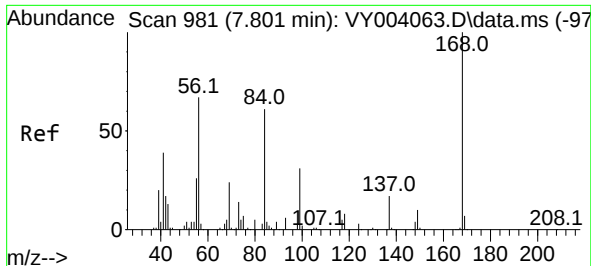
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

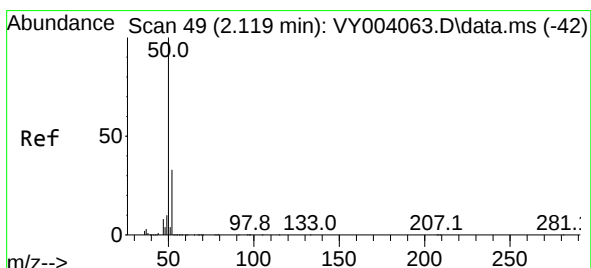
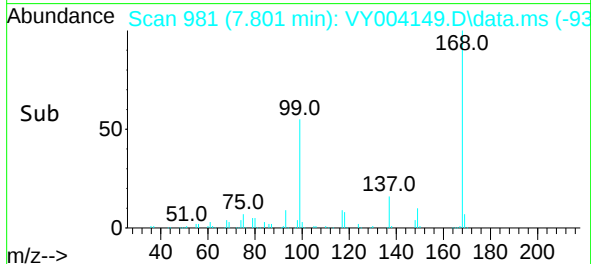
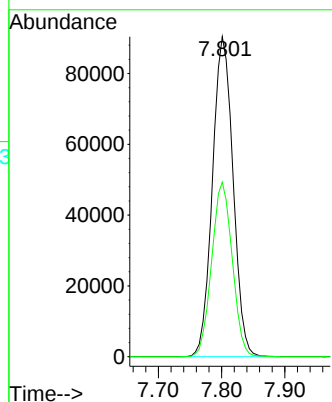
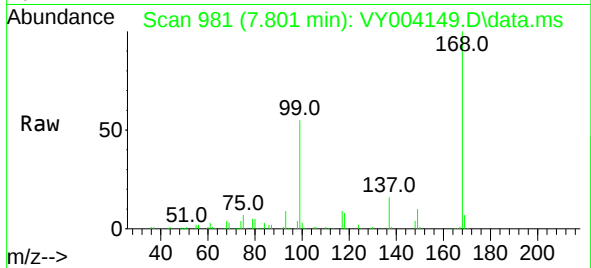




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

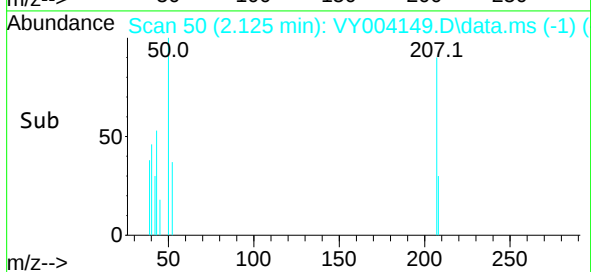
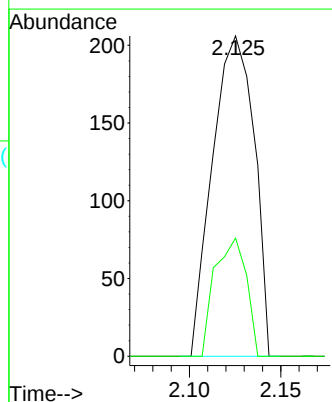
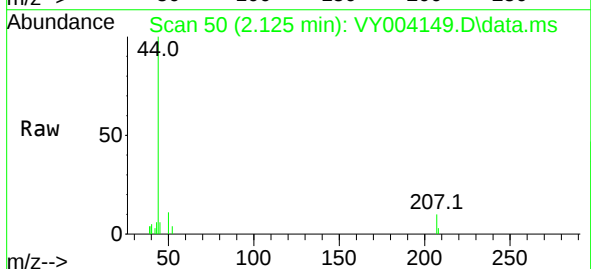
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

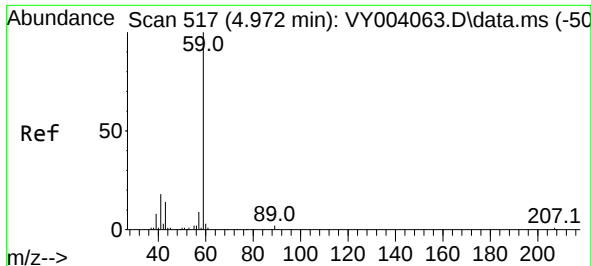
Tgt Ion:168 Resp: 204467
Ion Ratio Lower Upper
168 100
99 54.5 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 36.9 25.4 38.2



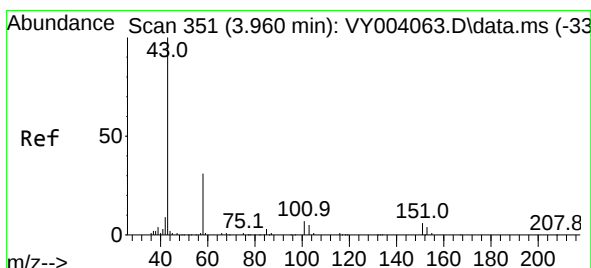
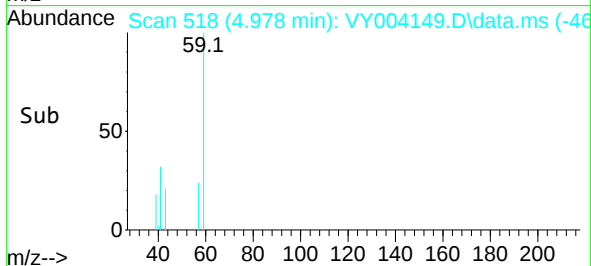
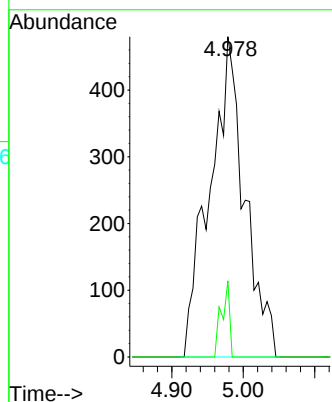
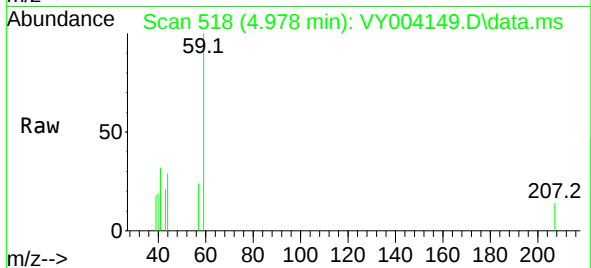


#11

Tert butyl alcohol
Concen: 8.91 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

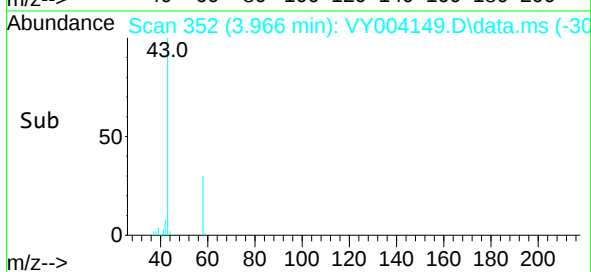
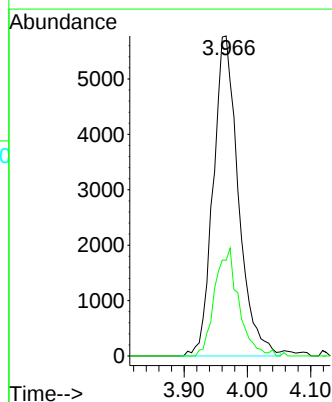
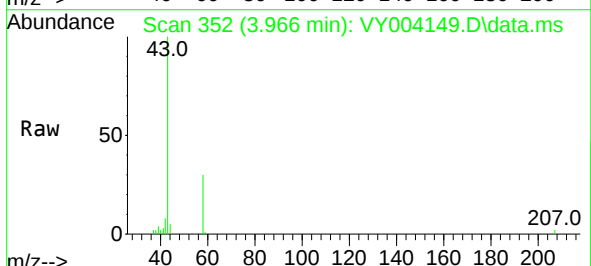
Tgt Ion: 59 Resp: 1626
Ion Ratio Lower Upper
59 100
57 5.5 6.9 10.3#

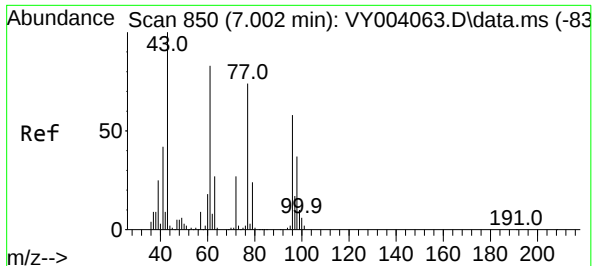


#16

Acetone
Concen: 32.80 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Tgt Ion: 43 Resp: 15974
Ion Ratio Lower Upper
43 100
58 29.9 22.6 34.0

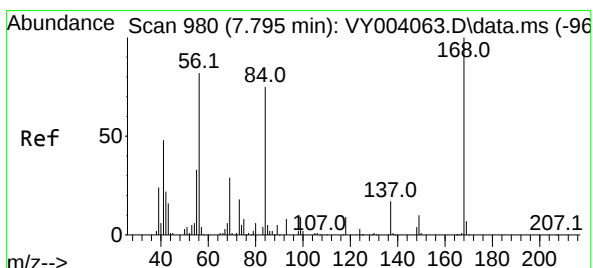
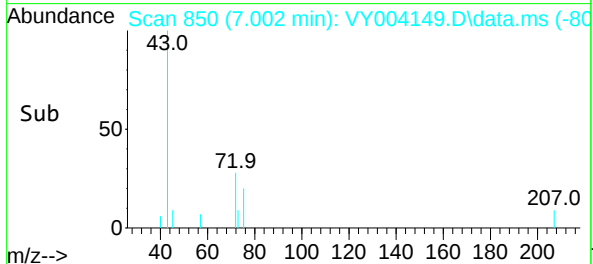
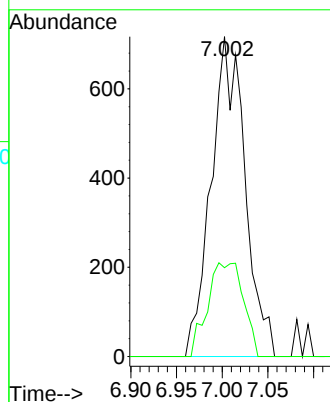
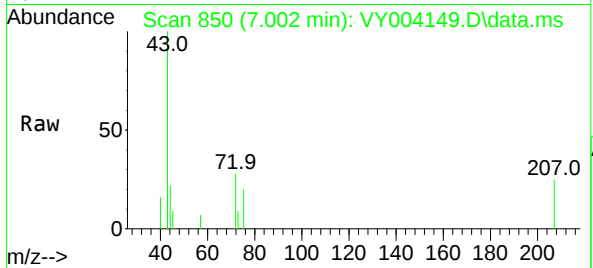




#25
2-Butanone
Concen: 2.63 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

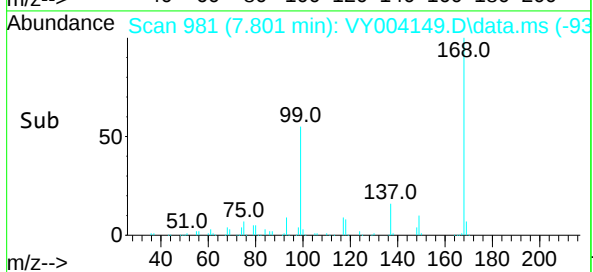
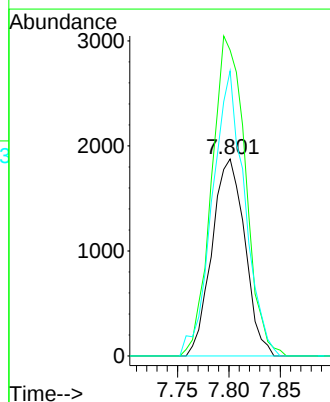
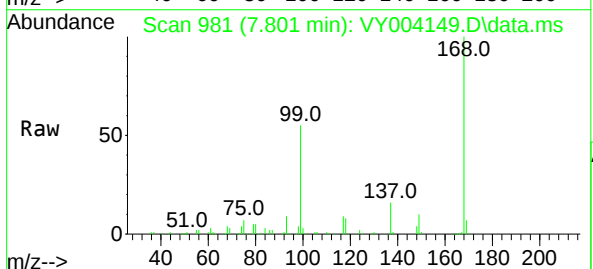
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

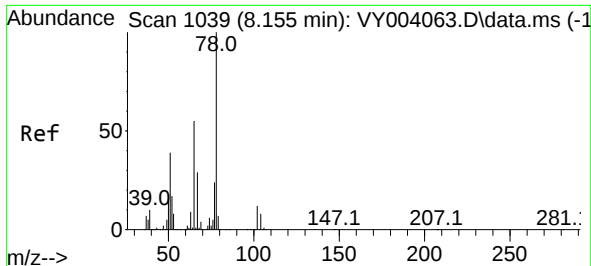
Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
72 27.8 19.4 29.0



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Tgt Ion: 56 Resp: 4171
Ion Ratio Lower Upper
56 100
69 155.3 25.3 37.9#
84 144.8 67.3 100.9#

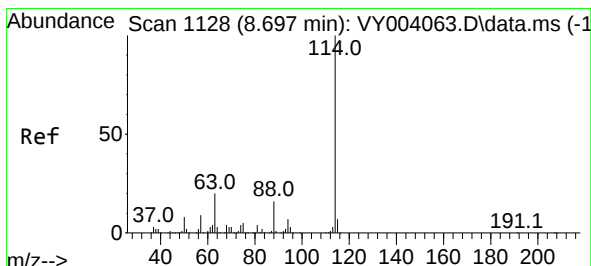
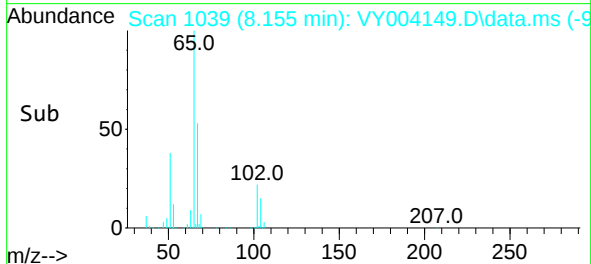
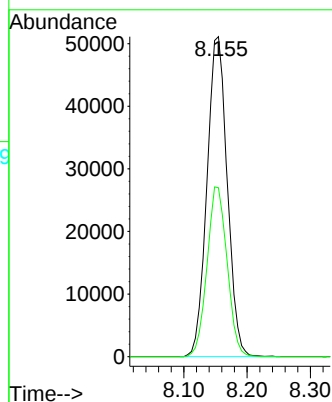
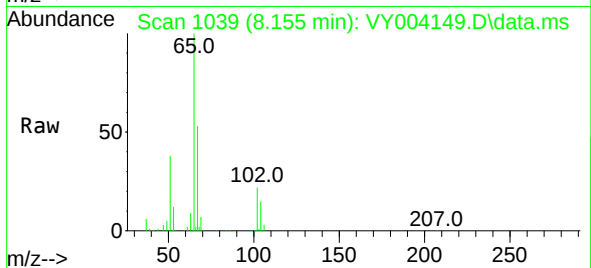




#33
1,2-Dichloroethane-d4
Concen: 56.47 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

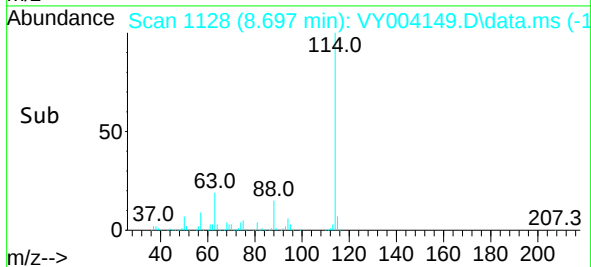
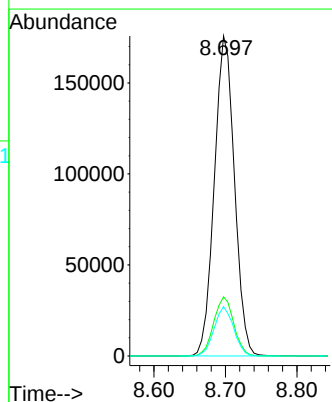
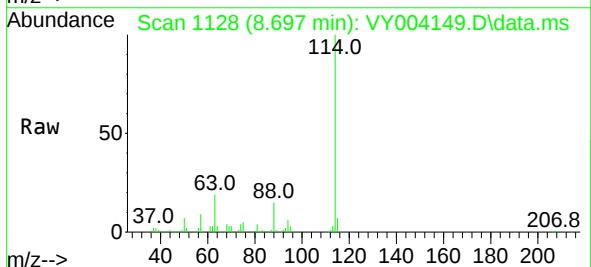
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

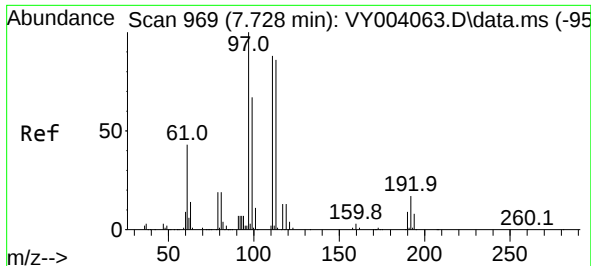
Tgt Ion: 65 Resp: 113936
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Tgt Ion:114 Resp: 343248
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 15.4 0.0 31.4

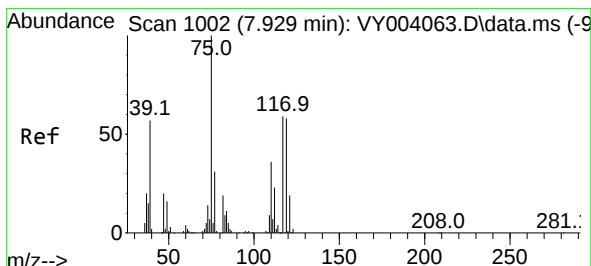
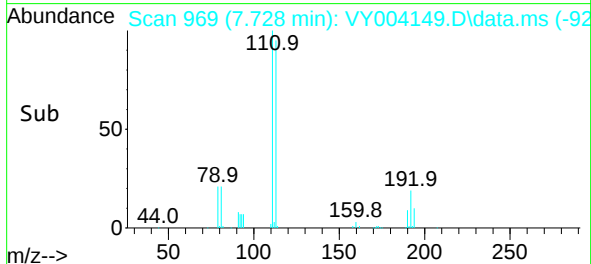
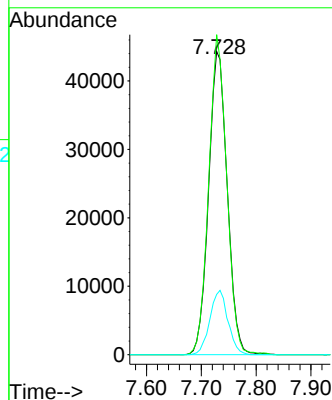
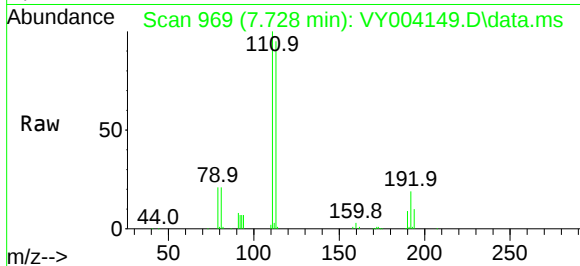




#35
Dibromofluoromethane
Concen: 54.06 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

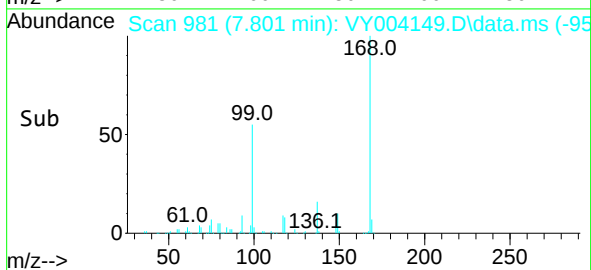
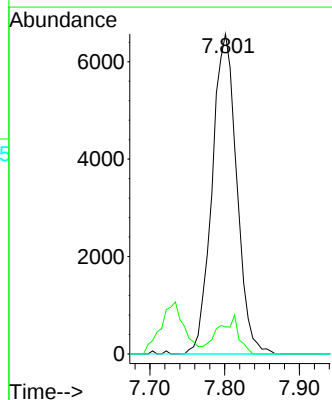
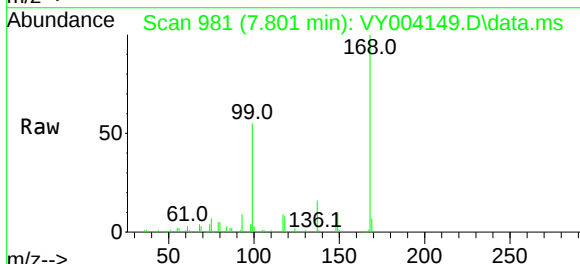
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

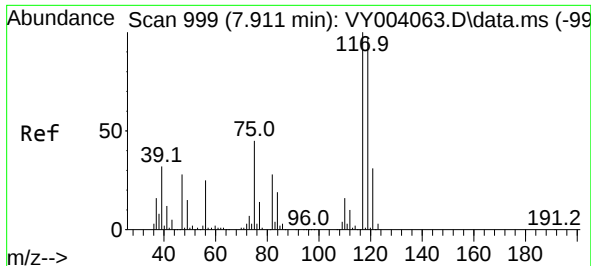
Tgt Ion:113 Resp: 104646
Ion Ratio Lower Upper
113 100
111 101.6 83.2 124.8
192 20.5 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

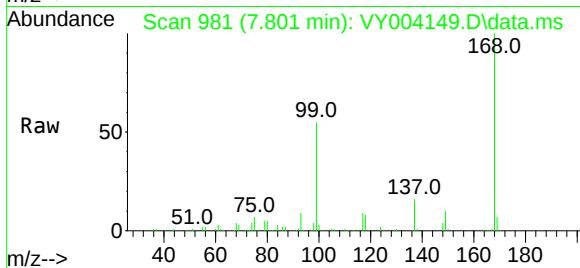
Tgt Ion: 75 Resp: 15042
Ion Ratio Lower Upper
75 100
110 10.0 17.4 52.3#
77 0.0 24.5 36.7#



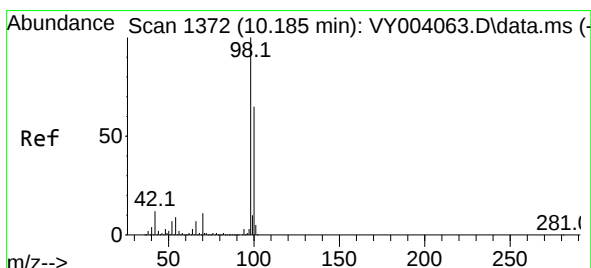
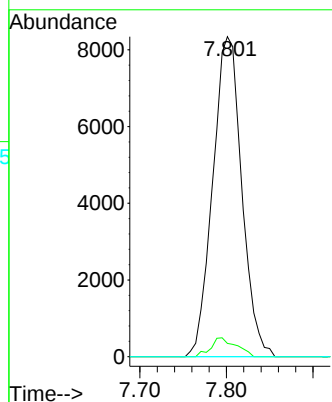
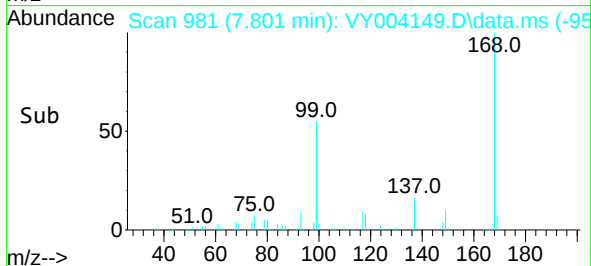


#38
Carbon Tetrachloride
Concen: 6.06 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

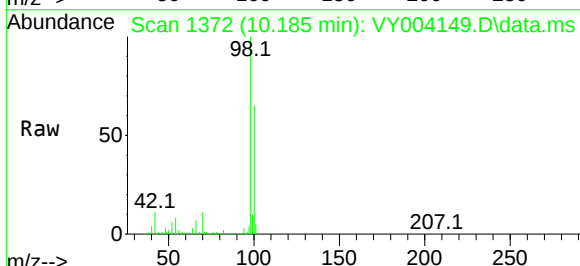
Instrument :
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ClientSampleId :
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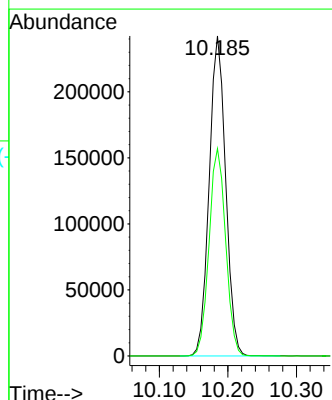
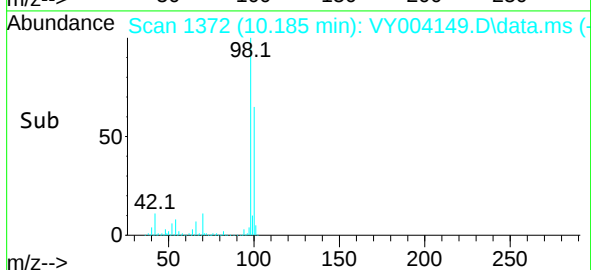
Tgt Ion:117 Resp: 19388
Ion Ratio Lower Upper
117 100
119 4.1 75.4 113.0#
121 0.0 24.2 36.2#

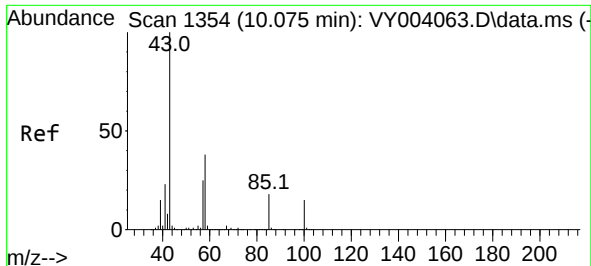


#50
Toluene-d8
Concen: 53.40 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37



Tgt Ion: 98 Resp: 405187
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

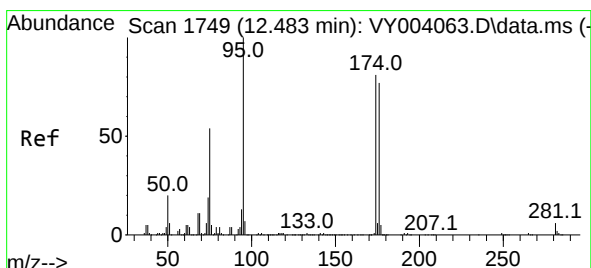
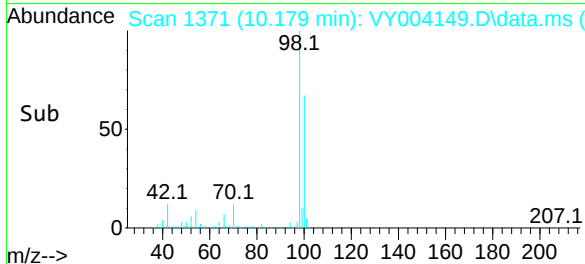
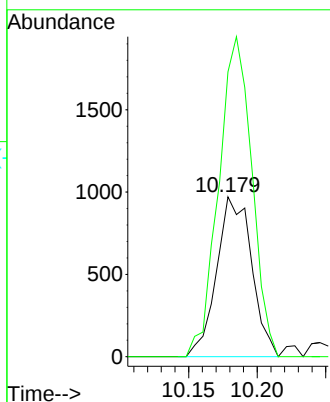
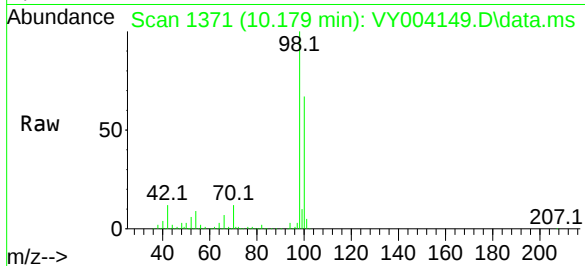




#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

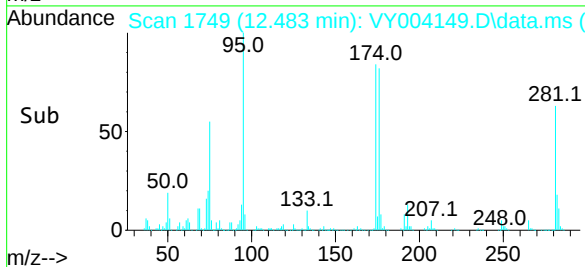
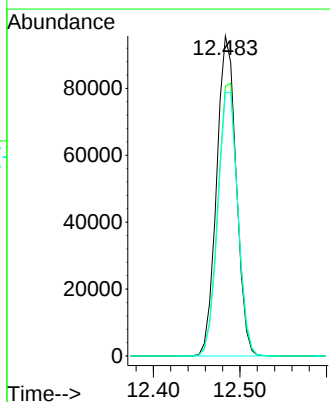
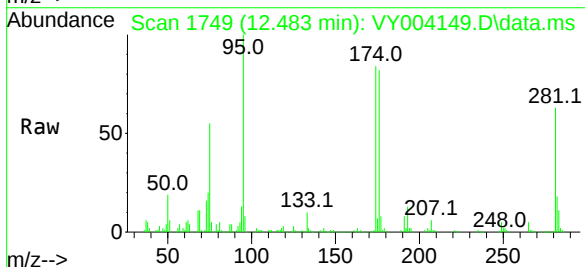
Instrument :
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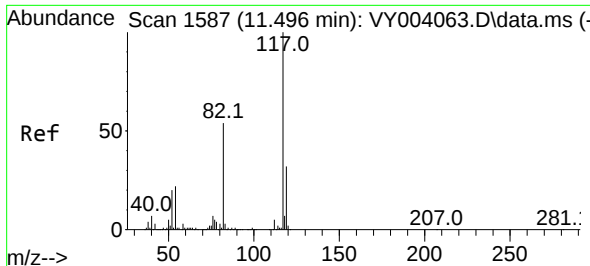
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 190.4 29.8 44.8#



#62
4-Bromofluorobenzene
Concen: 53.52 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Tgt Ion: 95 Resp: 149999
Ion Ratio Lower Upper
95 100
174 86.3 0.0 179.0
176 84.5 0.0 174.4

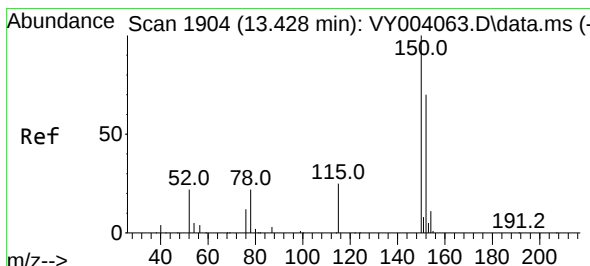
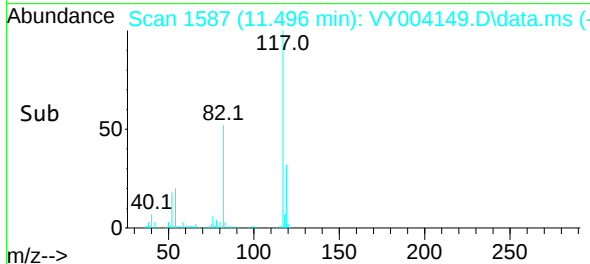
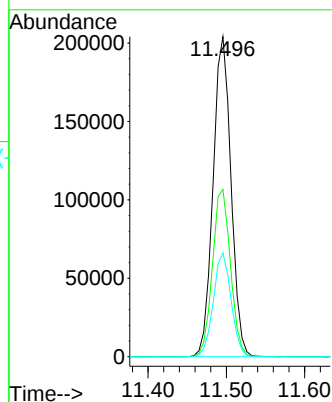
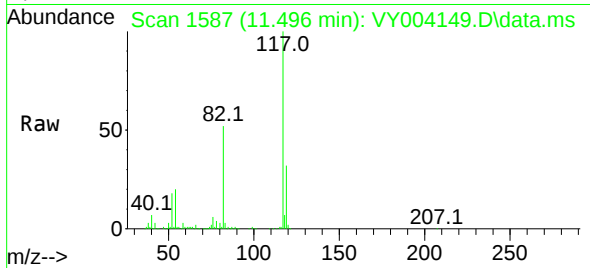




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

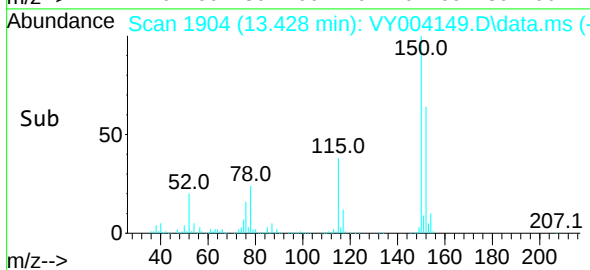
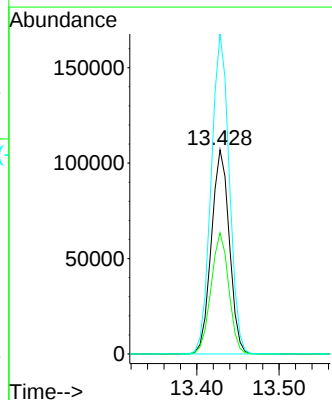
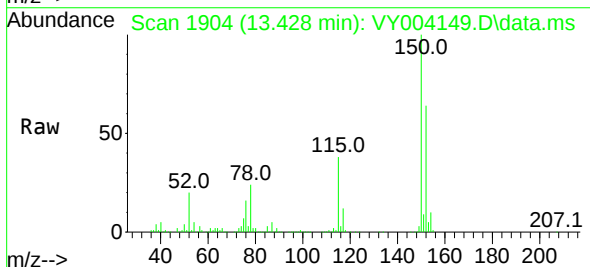
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

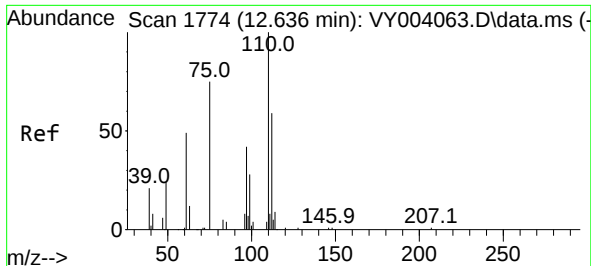
Tgt Ion:117 Resp: 324254
Ion Ratio Lower Upper
117 100
82 52.3 43.8 65.6
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Tgt Ion:152 Resp: 162396
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.6
150 157.6 0.0 347.2

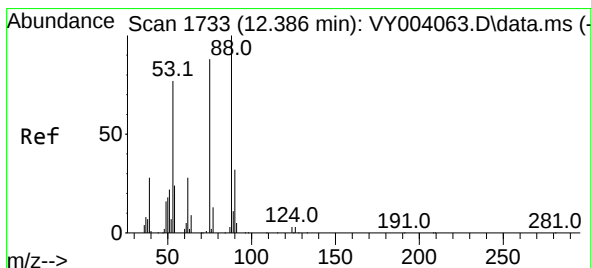
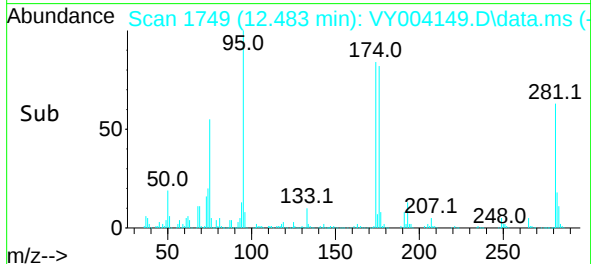
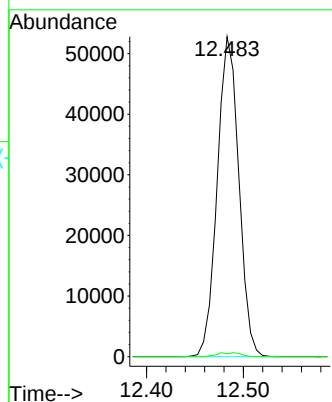
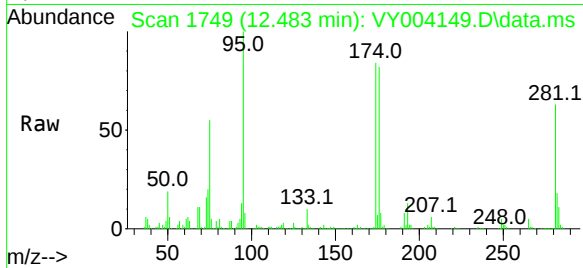




#76
1,2,3-Trichloropropane
Concen: 52.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

Tgt Ion: 75 Resp: 81757
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004149.D
Acq: 19 Mar 2021 20:37

Tgt Ion: 75 Resp: 81757
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 1.6 35.7 53.5#

