

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004223.D
 Acq On : 30 Mar 2021 10:18
 Operator : SY/MD
 Sample : VY0330SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBL01

Quant Time: Mar 31 01:41:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

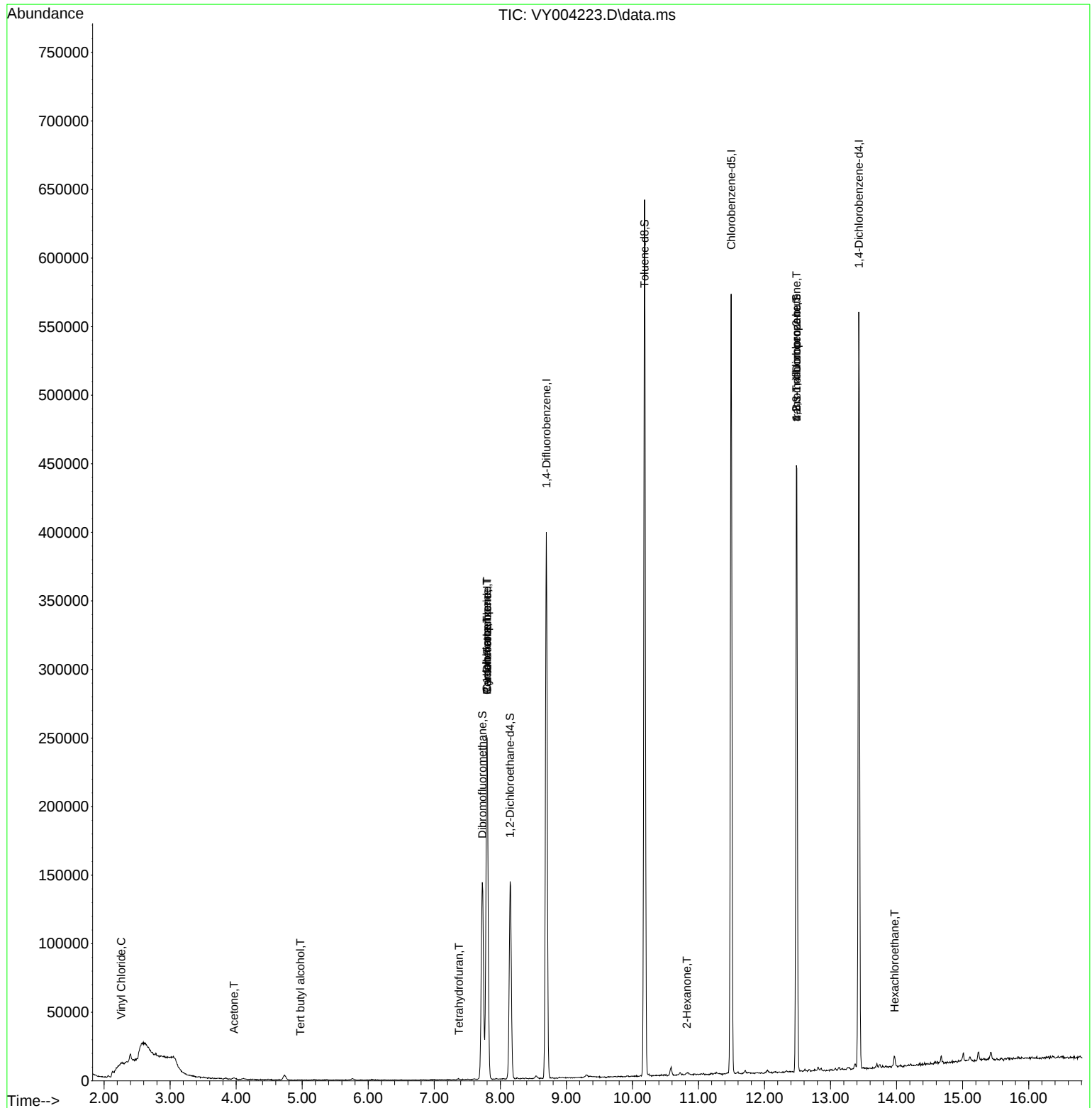
Internal Standards						
1) Pentafluorobenzene	7.801	168	198791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	328997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	302900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137312	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	112848	59.05	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.10%			
35) Dibromofluoromethane	7.728	113	102288	55.80	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.60%			
50) Toluene-d8	10.185	98	395999	57.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.88%			
62) 4-Bromofluorobenzene	12.483	95	133242	56.39	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.78%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.259	62	6764	2.61	ug/l #	42
11) Tert butyl alcohol	4.972	59	188	1.21	ug/l #	71
13) Acrolein	3.753	56	482	Below Cal		91
16) Acetone	3.966	43	1905	4.78	ug/l #	72
20) Methylene Chloride	4.734	84	2641	Below Cal		88
29) Tetrahydrofuran	7.374	42	473	1.01	ug/l #	45
31) Cyclohexane	7.795	56	4302	1.27	ug/l #	34
36) 1,1-Dichloropropene	7.795	75	14764	4.92	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19143	7.33	ug/l #	16
49) 1,4-Dioxane	9.301	88	1640	Below Cal	#	76
59) 2-Hexanone	10.825	43	1533	1.31	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	71425	57.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71425	105.57	ug/l #	10
90) Hexachloroethane	13.971	117	78	7.37	ug/l #	12

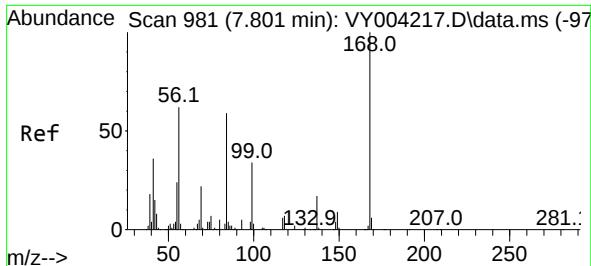
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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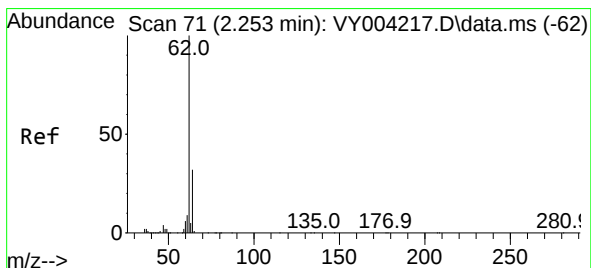
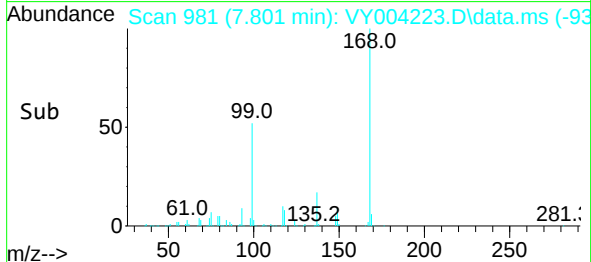
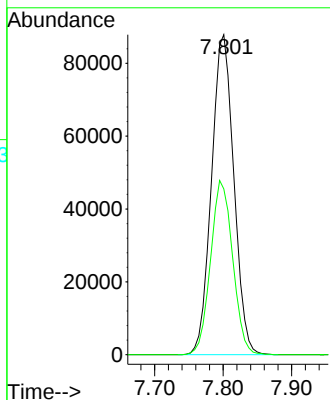
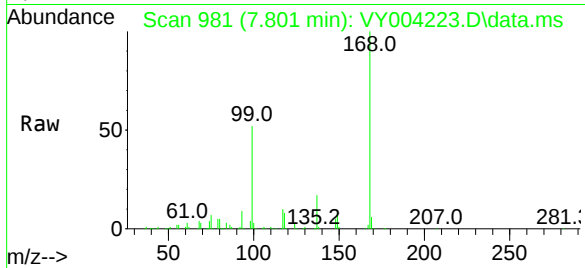




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

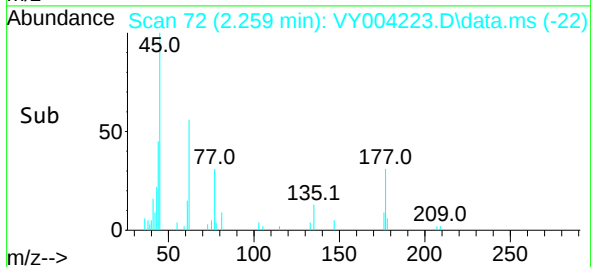
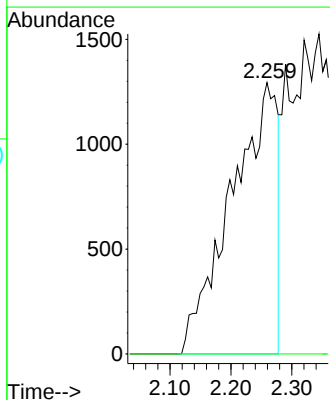
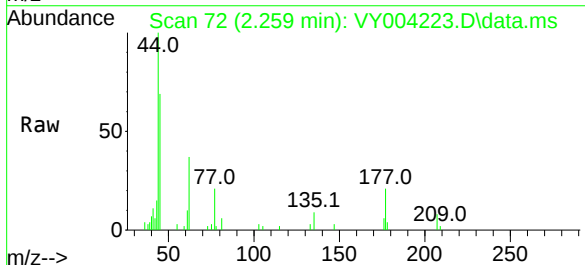
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

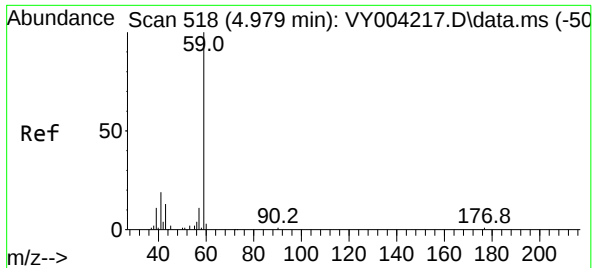
Tgt Ion:168 Resp: 198791
Ion Ratio Lower Upper
168 100
99 51.8 42.6 64.0



#4
Vinyl Chloride
Concen: 2.61 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion: 62 Resp: 6764
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

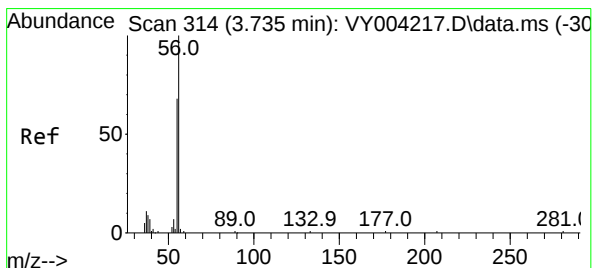
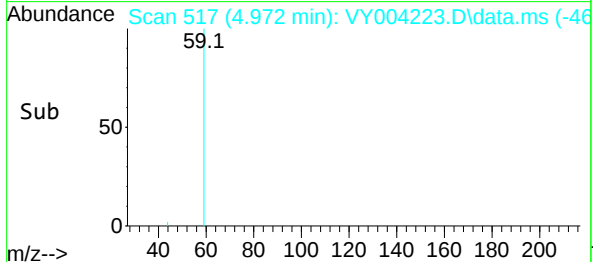
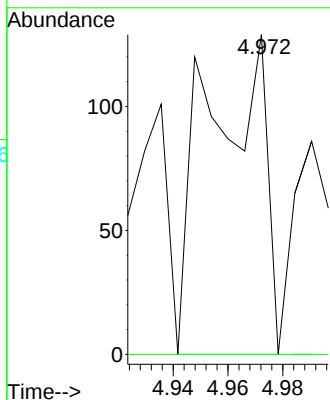
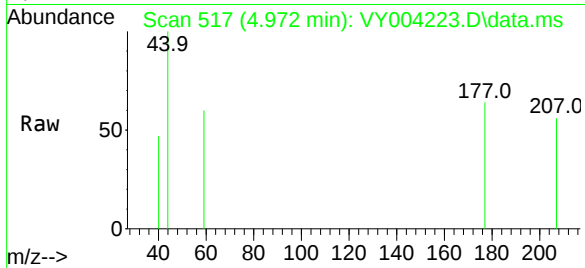




#11
Tert butyl alcohol
Concen: 1.21 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

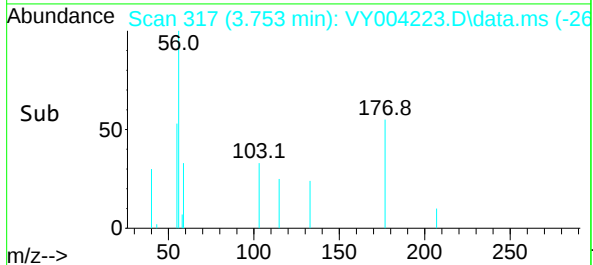
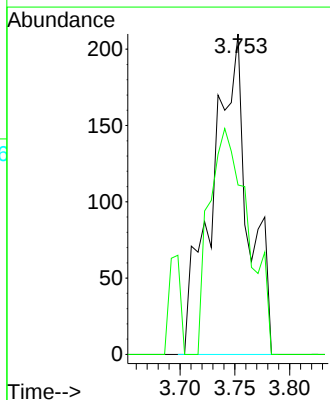
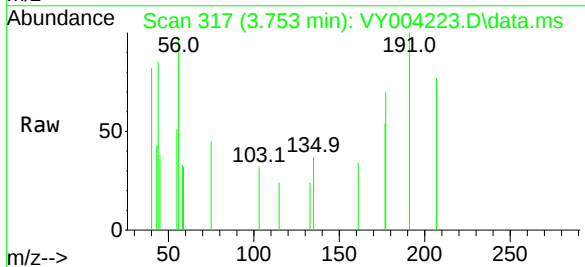
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

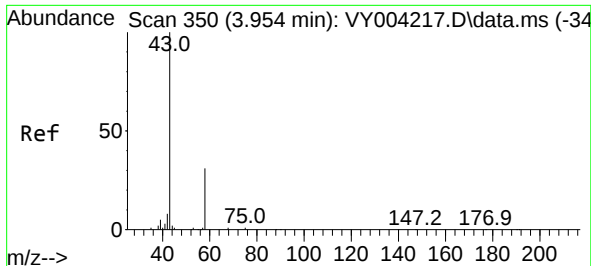
Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion: 56 Resp: 482
Ion Ratio Lower Upper
56 100
55 76.3 55.0 82.4

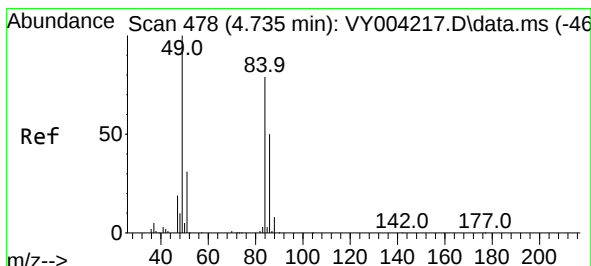
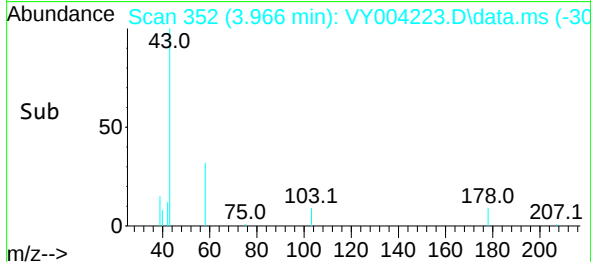
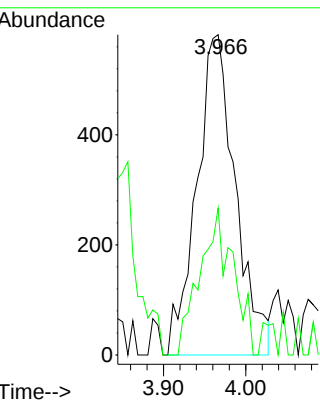
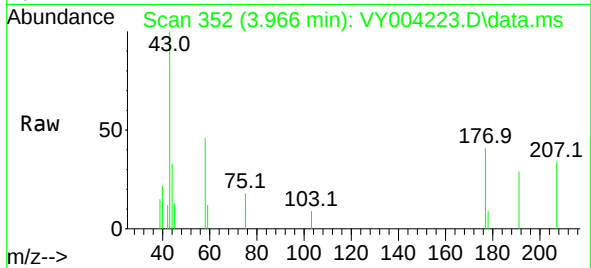




#16
Acetone
Concen: 4.78 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

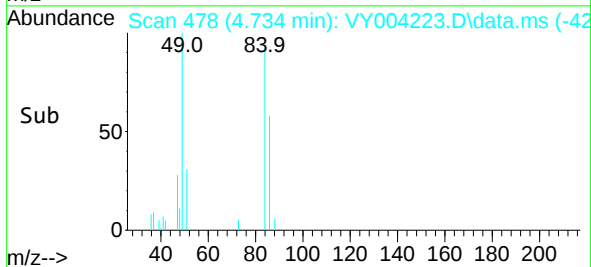
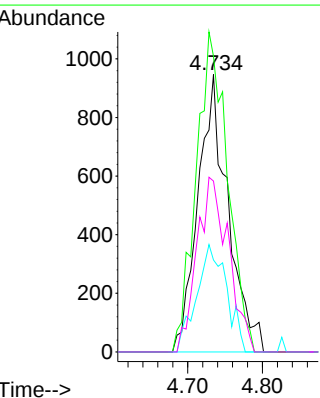
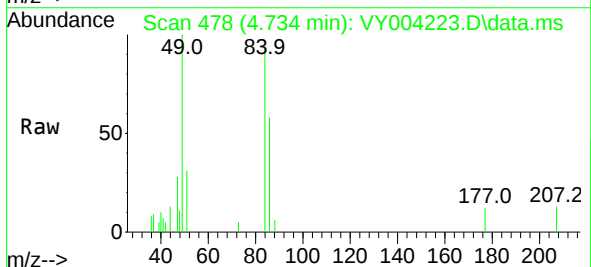
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

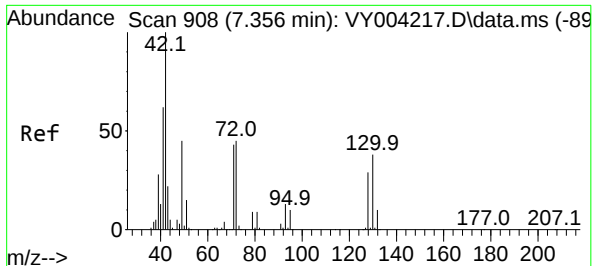
Tgt Ion: 43 Resp: 1905
Ion Ratio Lower Upper
43 100
58 45.9 24.5 36.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. -0.001 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion: 84 Resp: 2641
Ion Ratio Lower Upper
84 100
49 106.5 101.5 152.3
51 33.2 31.5 47.3
86 61.6 50.8 76.2





#29

Tetrahydrofuran

Concen: 1.01 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

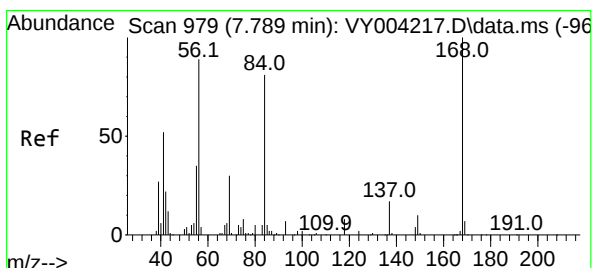
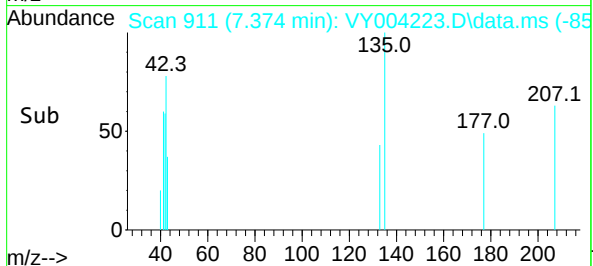
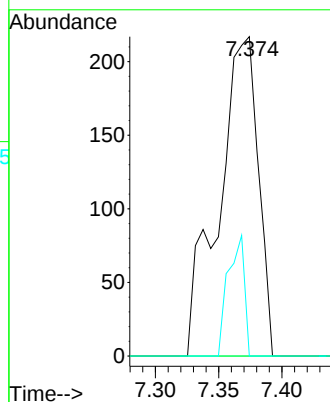
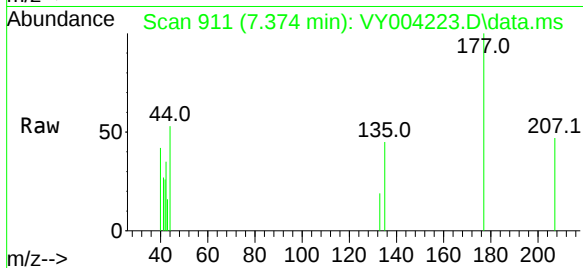
Lab File: VY004223.D

Acq: 30 Mar 2021 10:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

Tgt Ion: 42 Resp: 473

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.1	52.7#
71	15.4	32.9	49.3#



#31

Cyclohexane

Concen: 1.27 ug/l

RT: 7.795 min Scan# 980

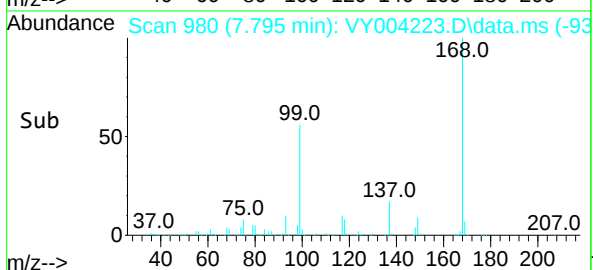
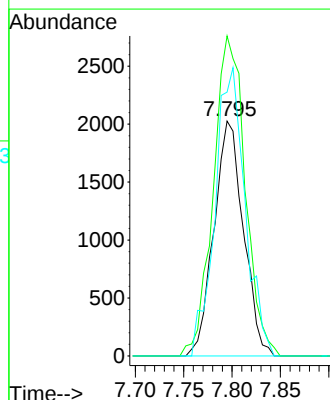
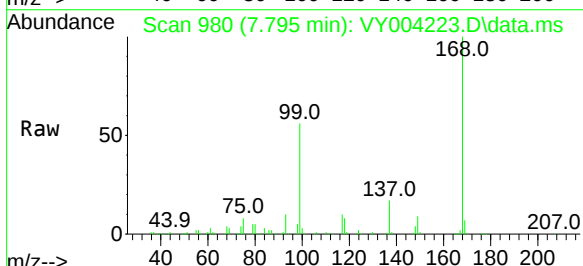
Delta R.T. 0.006 min

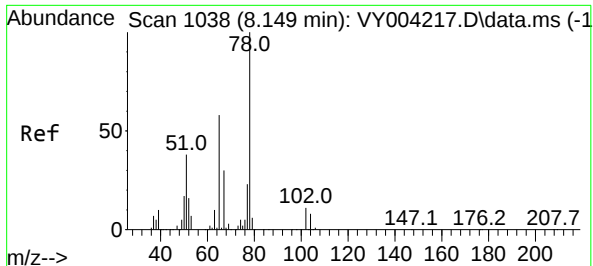
Lab File: VY004223.D

Acq: 30 Mar 2021 10:18

Tgt Ion: 56 Resp: 4302

Ion	Ratio	Lower	Upper
56	100		
69	136.3	26.6	40.0#
84	112.3	72.3	108.5#

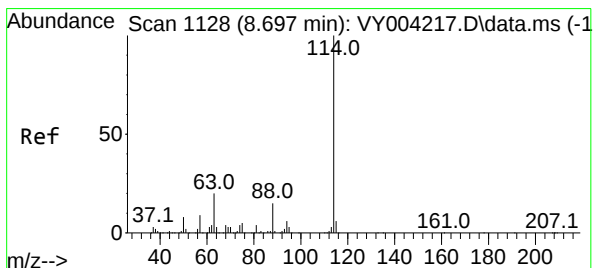
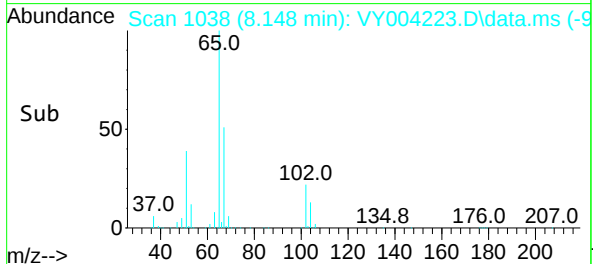
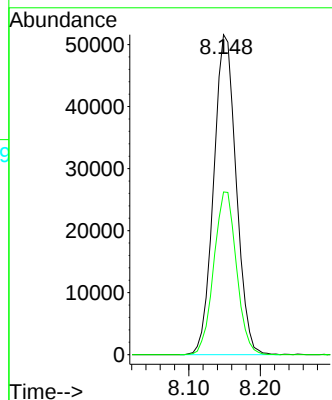
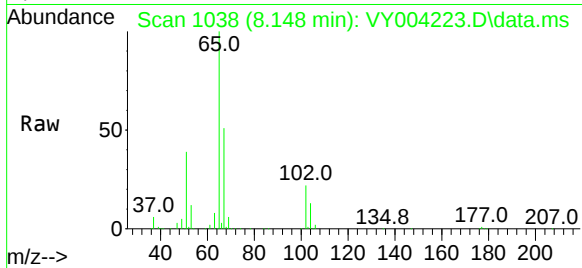




#33
1,2-Dichloroethane-d4
Concen: 59.05 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

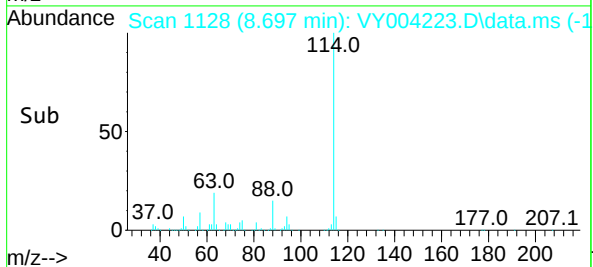
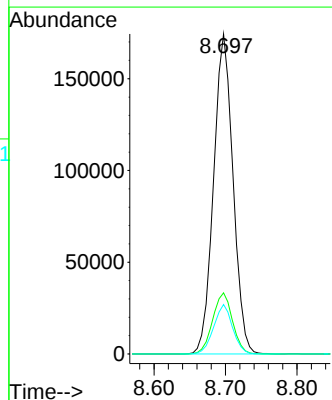
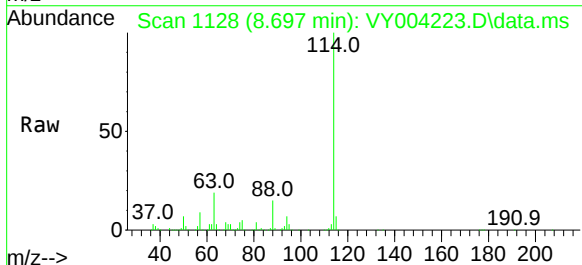
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

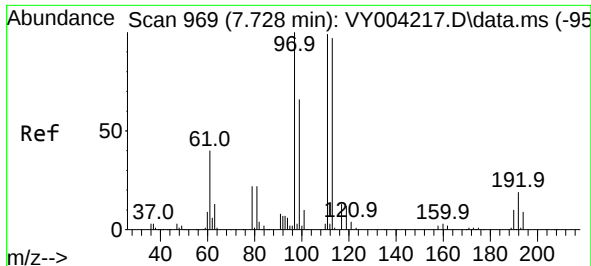
Tgt Ion: 65 Resp: 112848
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion: 114 Resp: 328997
Ion Ratio Lower Upper
114 100
63 19.1 0.0 40.4
88 15.5 0.0 30.8

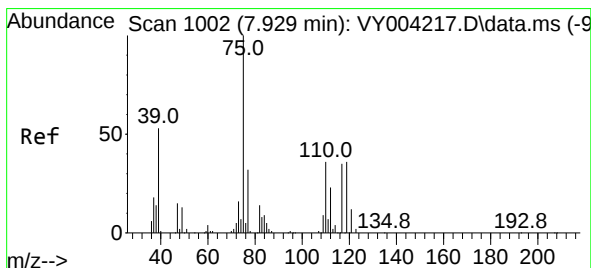
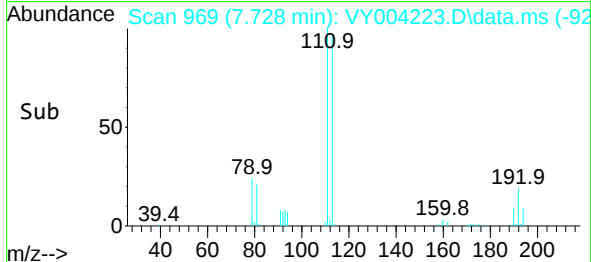
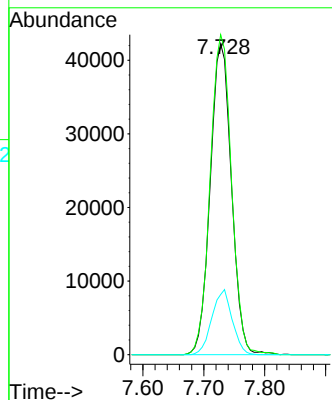
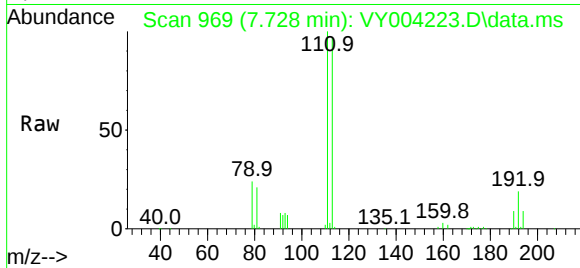




#35
Dibromofluoromethane
Concen: 55.80 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

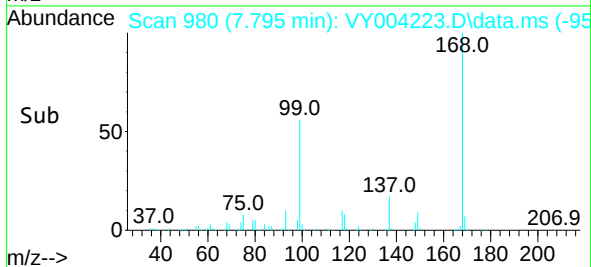
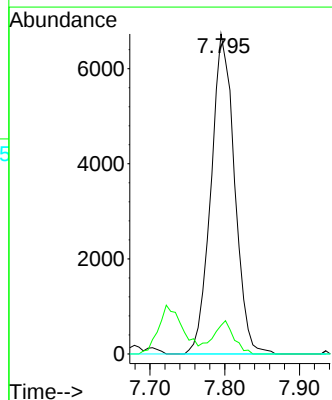
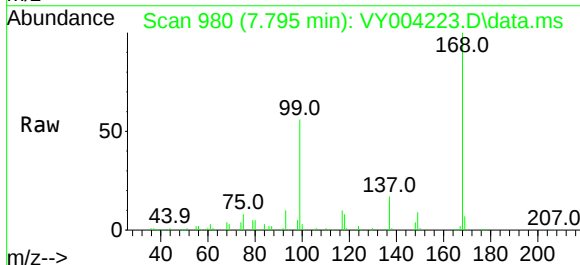
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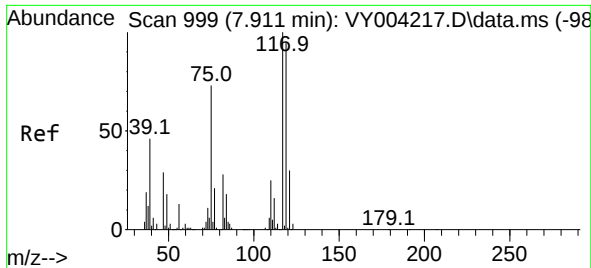
Tgt Ion:113 Resp: 102288
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 20.0 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion: 75 Resp: 14764
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.0 25.1 37.7#

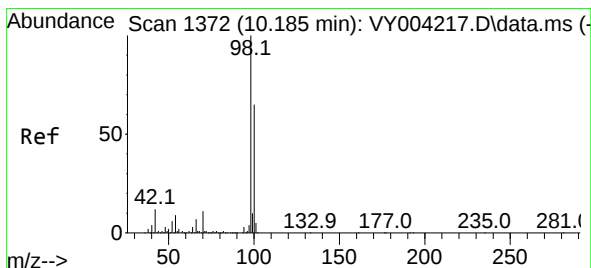
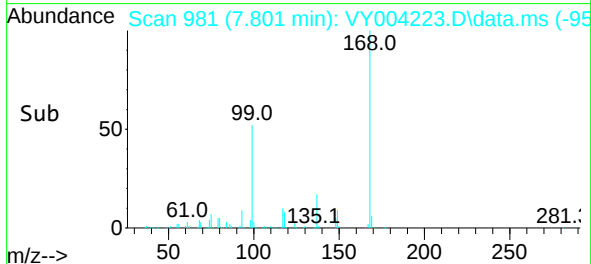
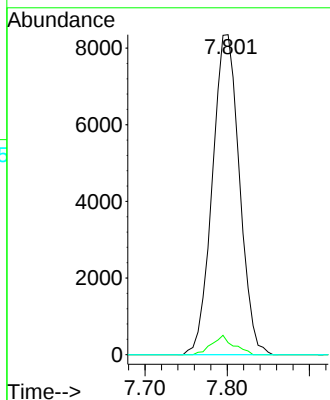
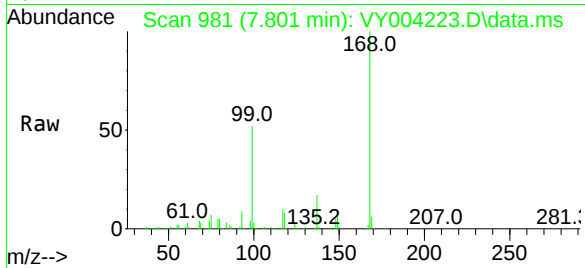




#38
Carbon Tetrachloride
Concen: 7.33 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

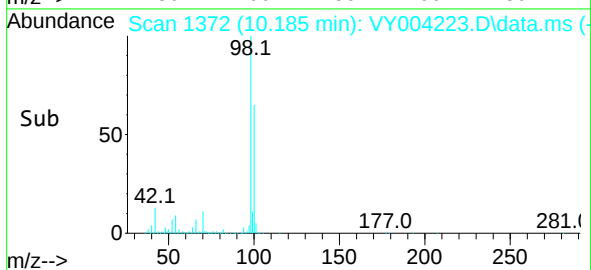
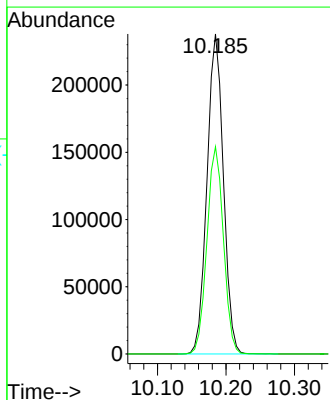
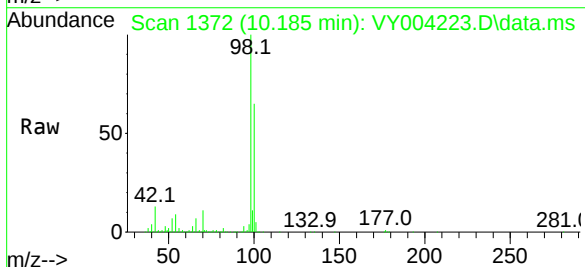
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

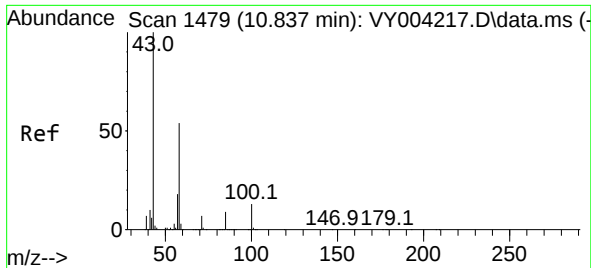
Tgt Ion:117 Resp: 19143
Ion Ratio Lower Upper
117 100
119 3.7 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 57.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion: 98 Resp: 395999
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7

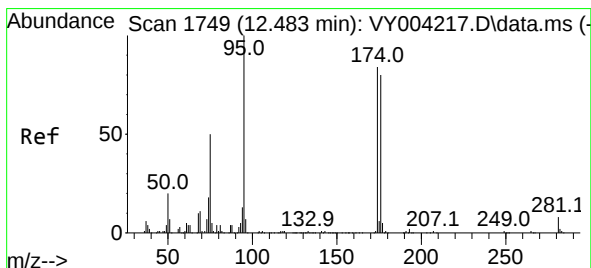
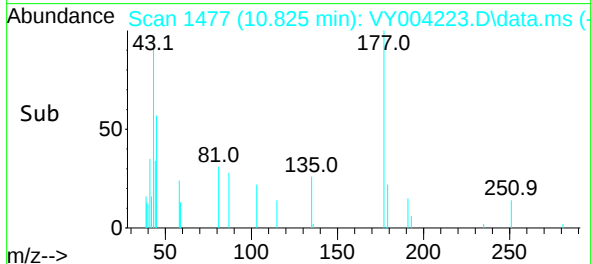
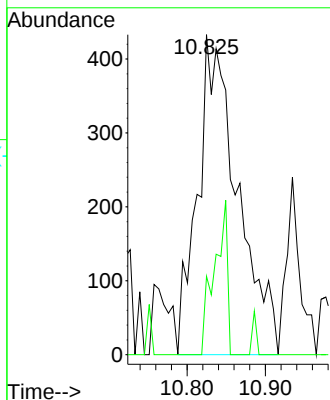
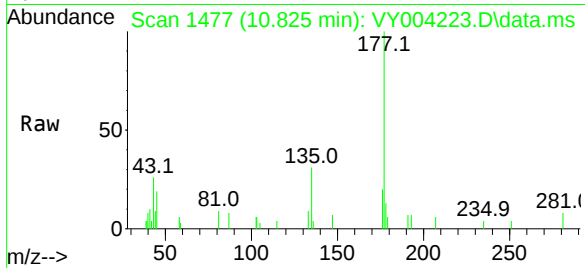




#59
2-Hexanone
Concen: 1.31 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.012 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

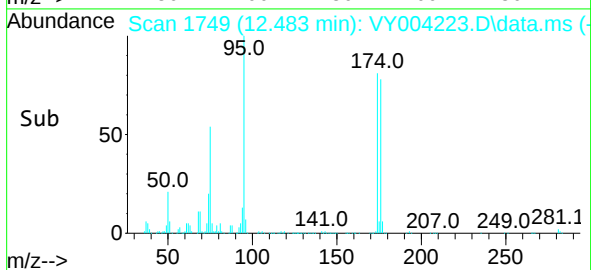
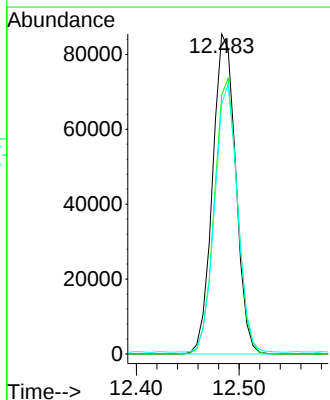
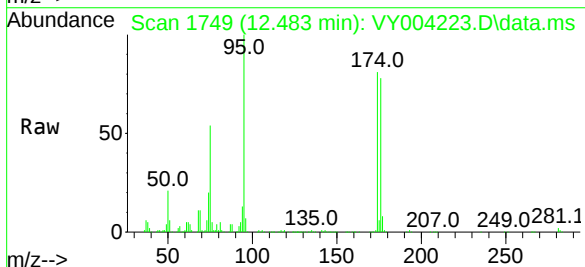
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

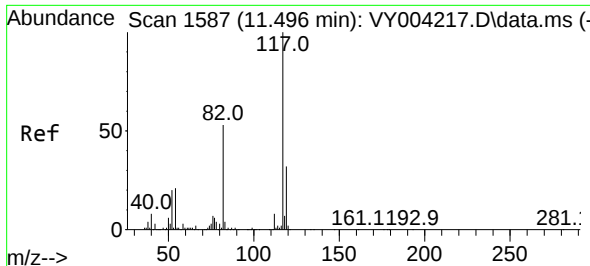
Tgt Ion: 43 Resp: 1533
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 56.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion: 95 Resp: 133242
Ion Ratio Lower Upper
95 100
174 85.6 0.0 171.4
176 83.0 0.0 165.6

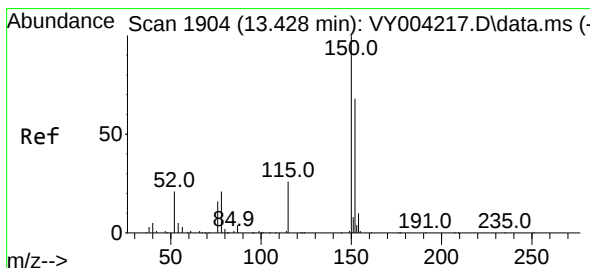
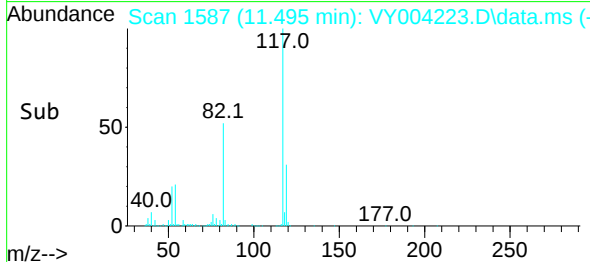
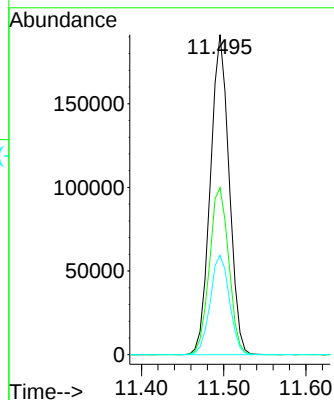
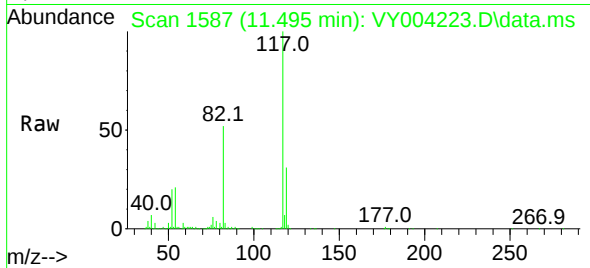




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

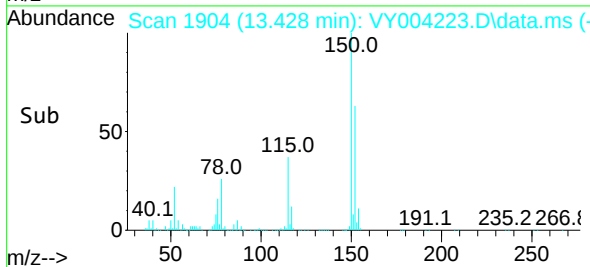
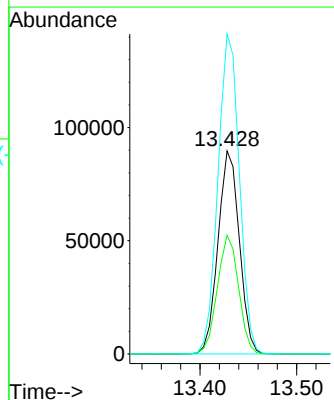
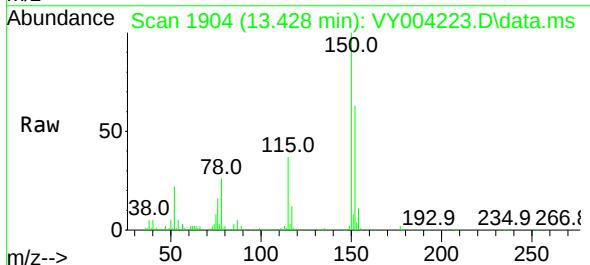
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

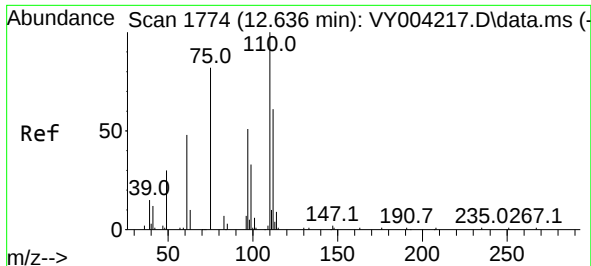
Tgt Ion:117 Resp: 302900
Ion Ratio Lower Upper
117 100
82 52.2 42.7 64.1
119 31.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion:152 Resp: 137312
Ion Ratio Lower Upper
152 100
115 57.9 29.0 87.1
150 158.2 0.0 347.4

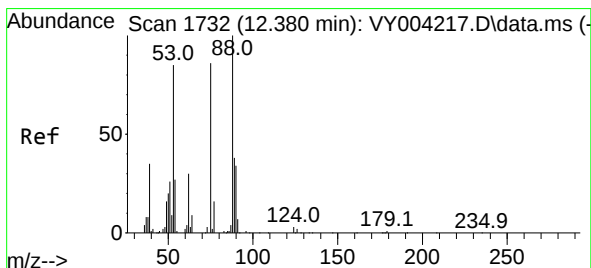
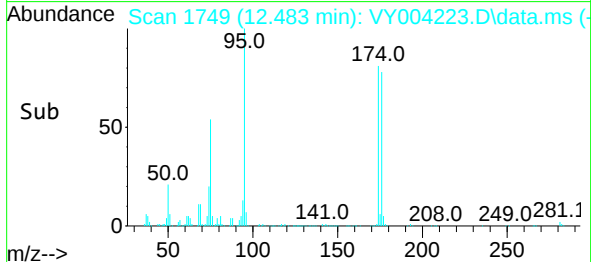
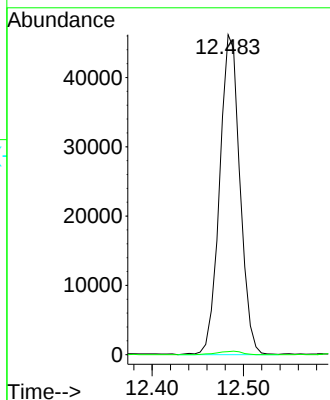
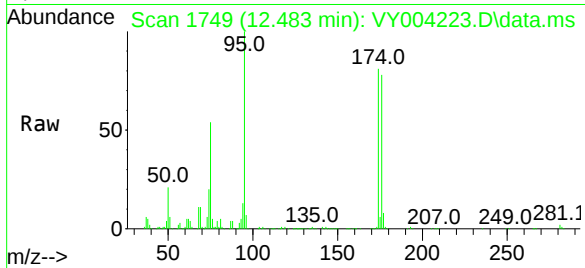




#76
1,2,3-Trichloropropane
Concen: 57.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

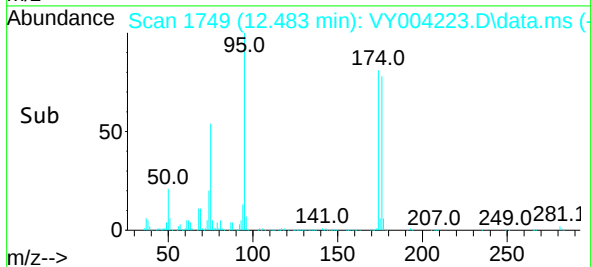
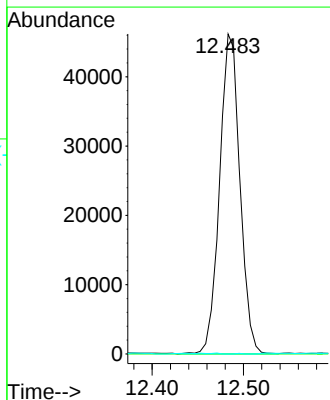
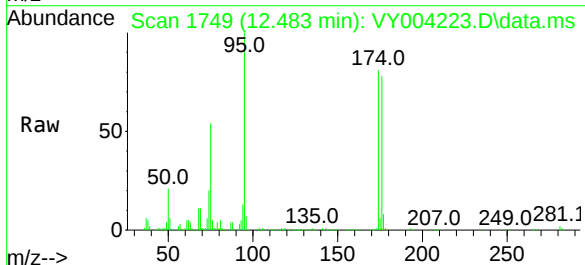
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

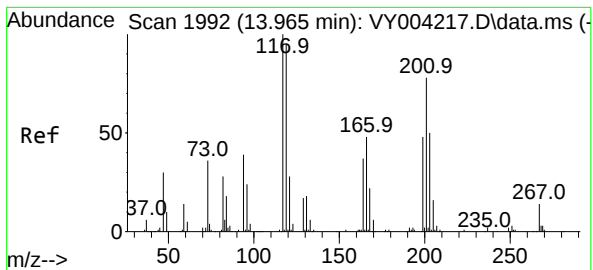
Tgt Ion: 75 Resp: 71425
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004223.D
Acq: 30 Mar 2021 10:18

Tgt Ion: 75 Resp: 71425
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.1 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.37 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004223.D
 Acq: 30 Mar 2021 10:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBL01

Tgt Ion:117 Resp: 78
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

