

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004352.D
 Acq On : 09 Apr 2021 12:33
 Operator : SY/MD
 Sample : VY0409SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBL01

Quant Time: Apr 10 02:01:04 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)

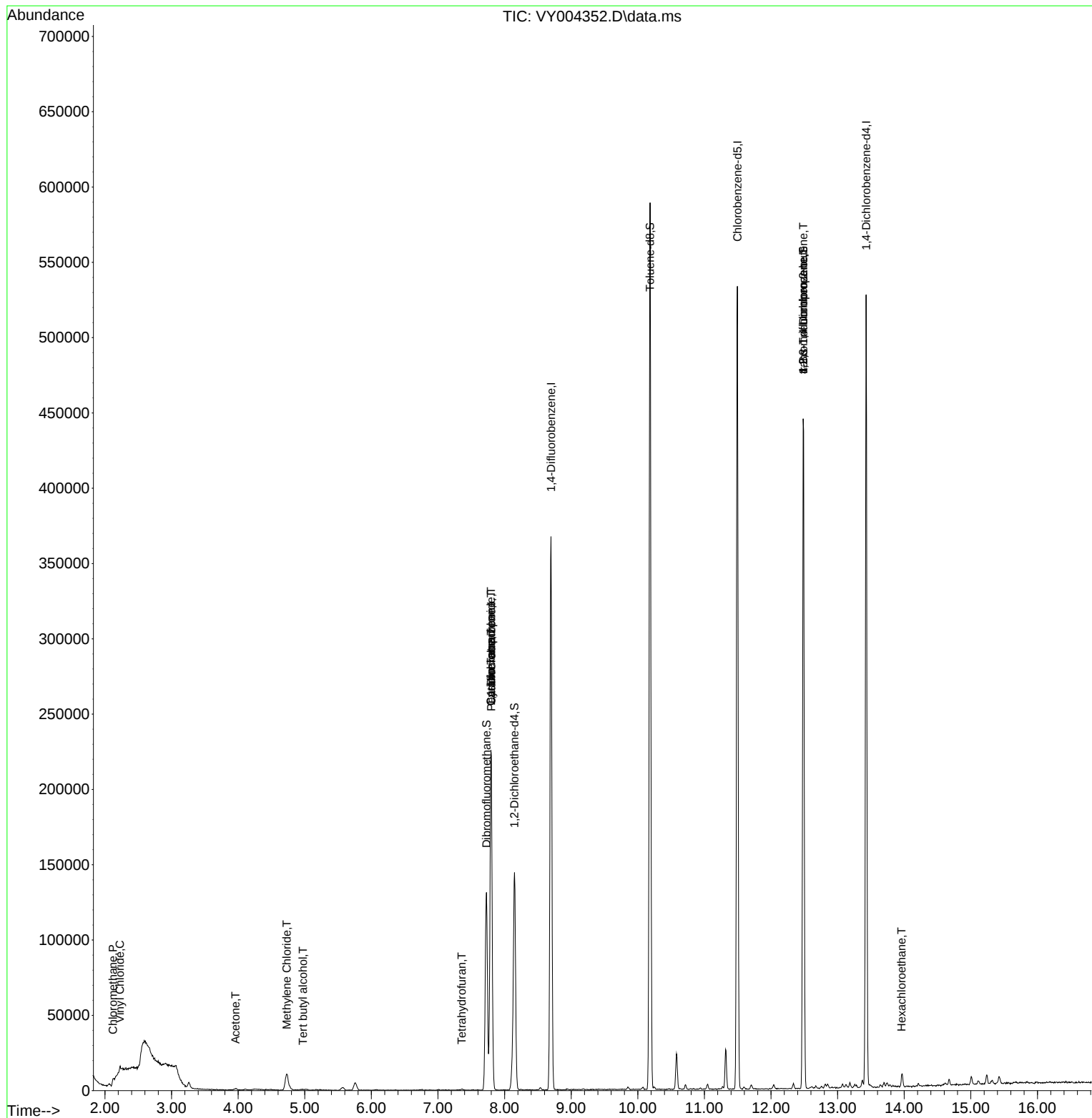
Internal Standards						
1) Pentafluorobenzene	7.801	168	175849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	275777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108342	64.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.18%			
35) Dibromofluoromethane	7.728	113	91236	54.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.02%			
50) Toluene-d8	10.185	98	366884	58.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.56%			
62) 4-Bromofluorobenzene	12.483	95	122043	56.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.12%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	2698	1.31	ug/l	91
4) Vinyl Chloride	2.223	62	6943	3.03	ug/l #	42
11) Tert butyl alcohol	4.972	59	622	4.52	ug/l #	71
16) Acetone	3.960	43	1834	5.21	ug/l	89
20) Methylene Chloride	4.728	84	7150	1.71	ug/l	92
29) Tetrahydrofuran	7.356	42	512	1.24	ug/l #	67
31) Cyclohexane	7.795	56	4260	1.43	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13844	5.05	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17177	7.20	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	68059	60.86	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68059	112.16	ug/l #	10
90) Hexachloroethane	13.959	117	20	7.31	ug/l #	12

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

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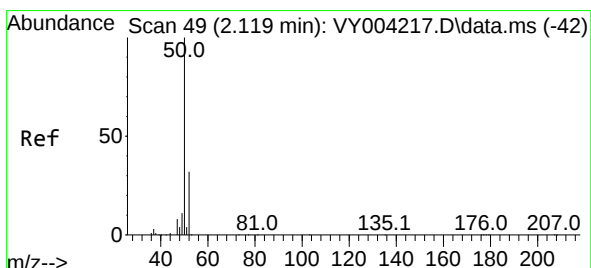
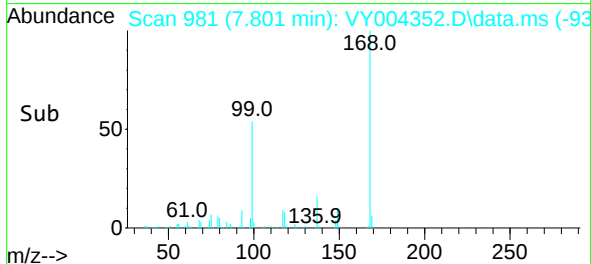
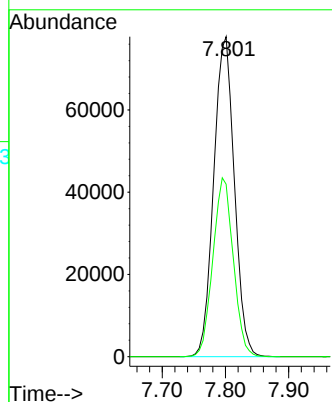
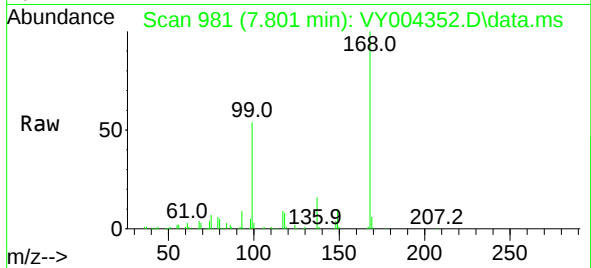




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

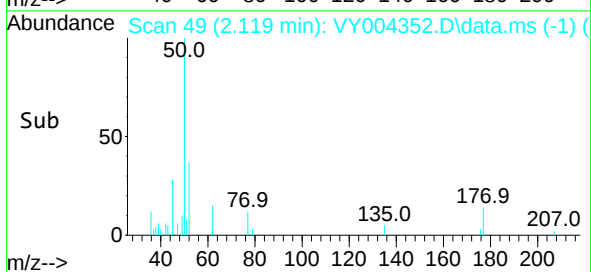
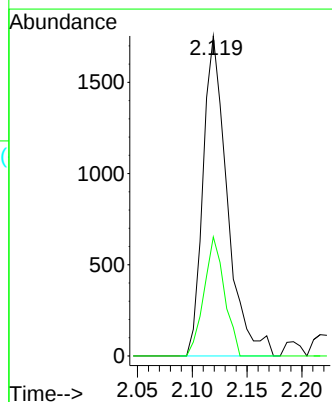
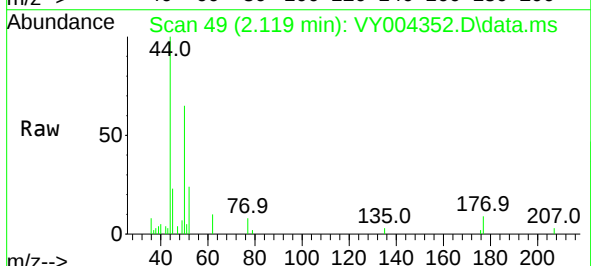
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

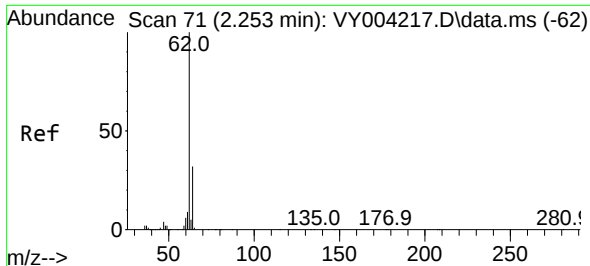
Tgt Ion:168 Resp: 175849
Ion Ratio Lower Upper
168 100
99 53.9 42.6 64.0



#3
Chloromethane
Concen: 1.31 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

Tgt Ion: 50 Resp: 2698
Ion Ratio Lower Upper
50 100
52 37.2 25.9 38.9

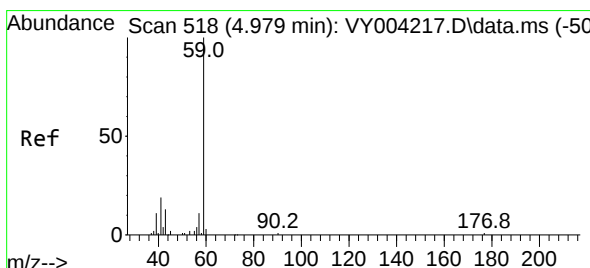
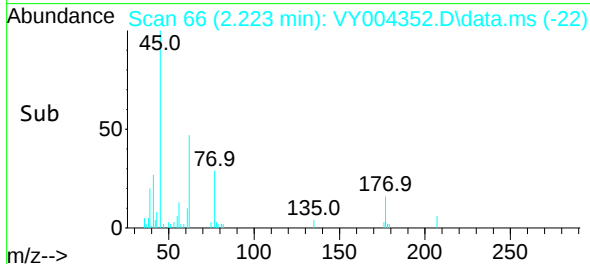
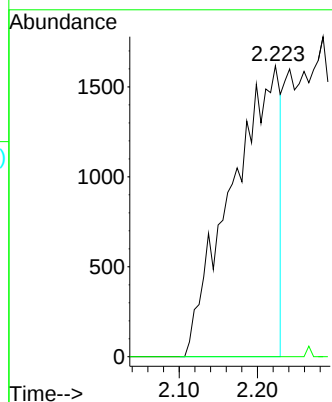
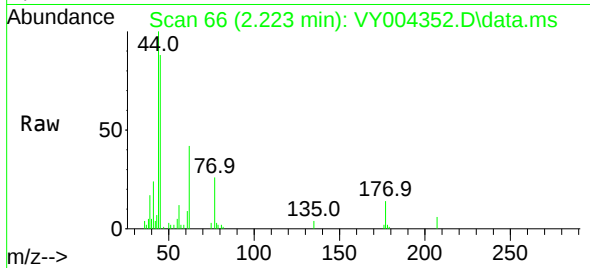




#4
 Vinyl Chloride
 Concen: 3.03 ug/l
 RT: 2.223 min Scan# 66
 Delta R.T. -0.031 min
 Lab File: VY004352.D
 Acq: 09 Apr 2021 12:33

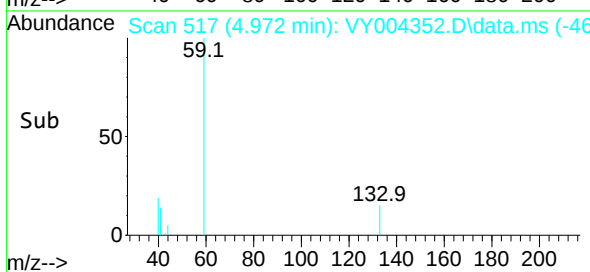
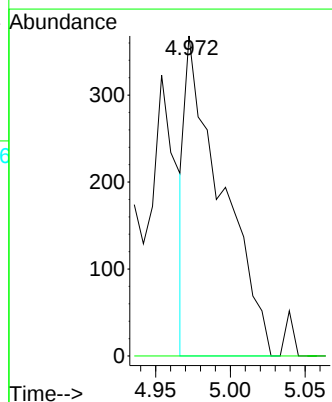
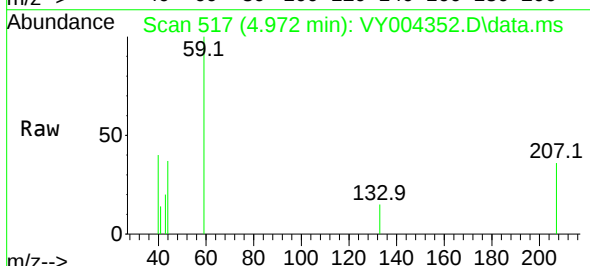
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBL01

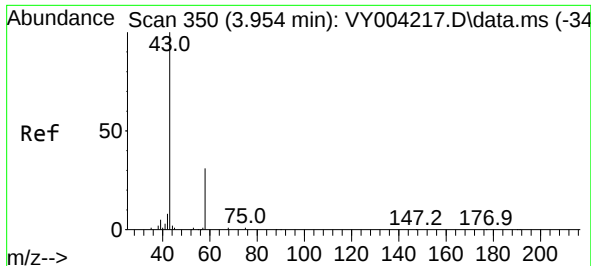
Tgt Ion: 62 Resp: 6943
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.0 39.0#



#11
 Tert butyl alcohol
 Concen: 4.52 ug/l
 RT: 4.972 min Scan# 517
 Delta R.T. -0.006 min
 Lab File: VY004352.D
 Acq: 09 Apr 2021 12:33

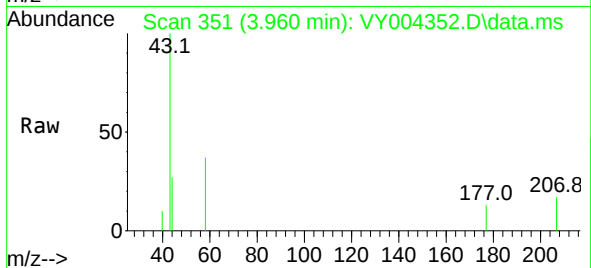
Tgt Ion: 59 Resp: 622
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.9 13.3#



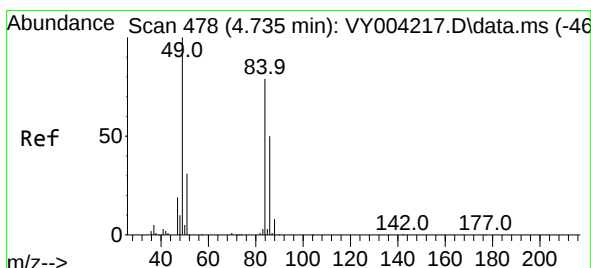
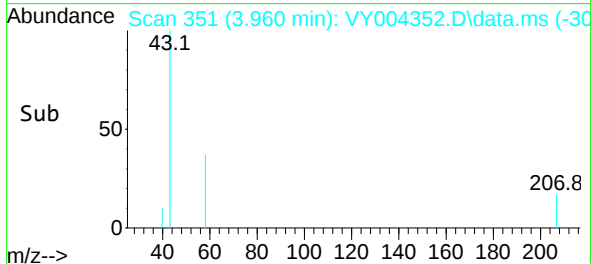
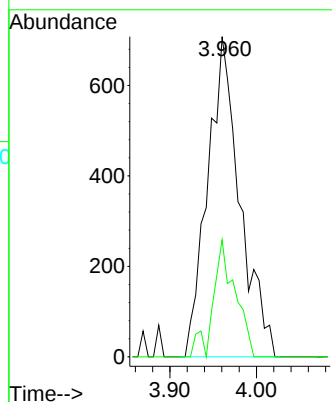


#16
Acetone
Concen: 5.21 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

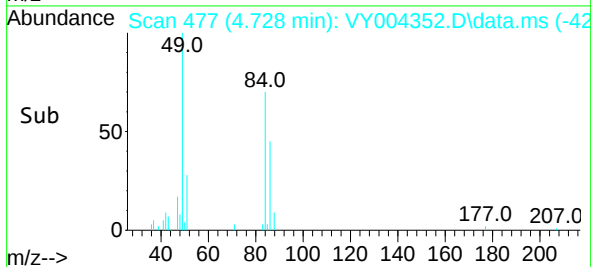
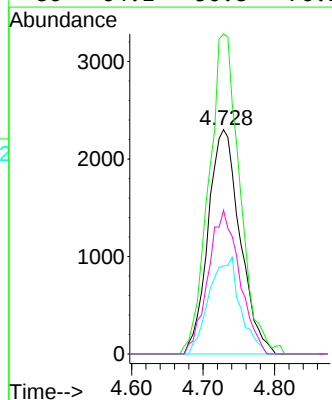
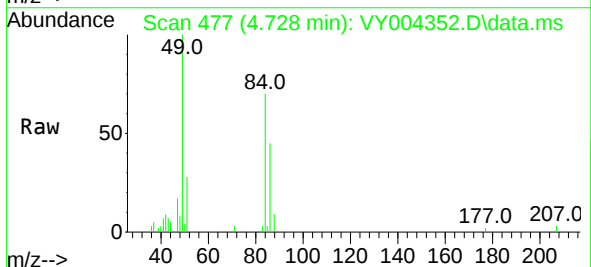


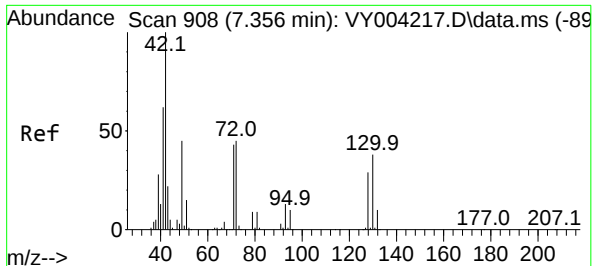
Tgt Ion: 43 Resp: 1834
Ion Ratio Lower Upper
43 100
58 36.6 24.5 36.7



#20
Methylene Chloride
Concen: 1.71 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

Tgt Ion: 84 Resp: 7150
Ion Ratio Lower Upper
84 100
49 142.7 101.5 152.3
51 39.3 31.5 47.3
86 64.1 50.8 76.2





#29

Tetrahydrofuran

Concen: 1.24 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY004352.D

Acq: 09 Apr 2021 12:33

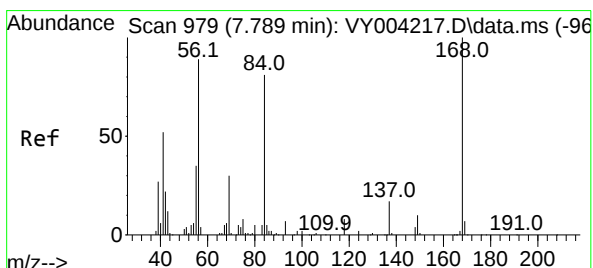
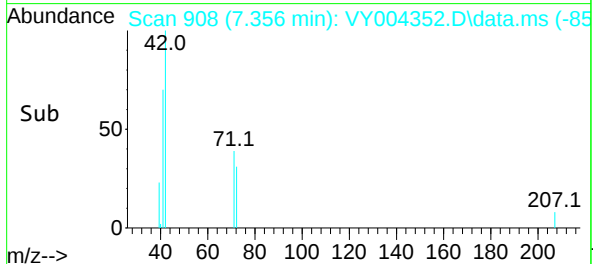
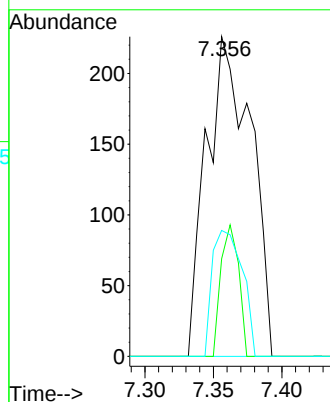
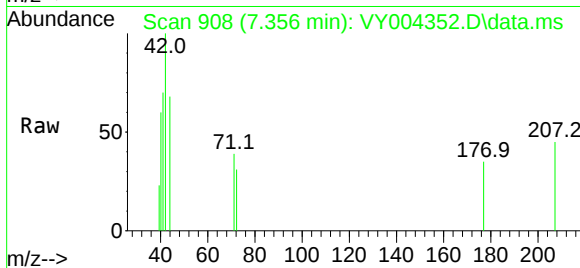
Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBL01

Tgt Ion:	42	Resp:	512
Ion	Ratio	Lower	Upper
42	100		
72	16.2	35.1	52.7#
71	26.6	32.9	49.3#



#31

Cyclohexane

Concen: 1.43 ug/l

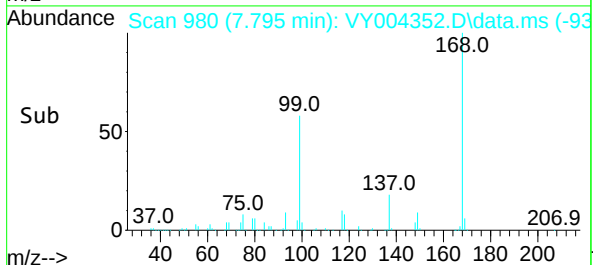
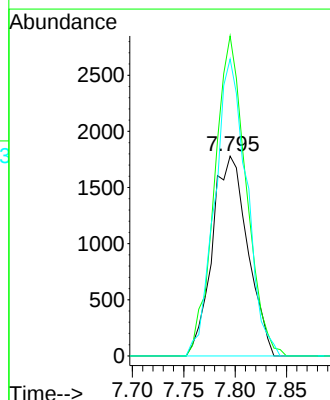
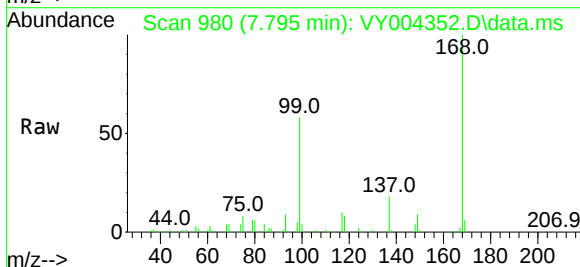
RT: 7.795 min Scan# 980

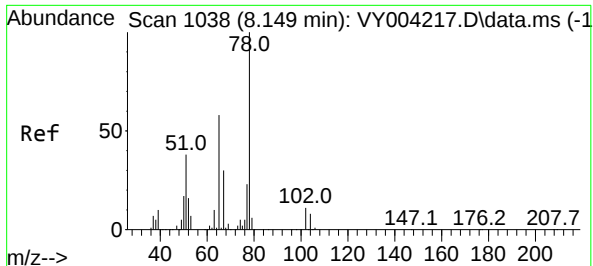
Delta R.T. 0.006 min

Lab File: VY004352.D

Acq: 09 Apr 2021 12:33

Tgt Ion:	56	Resp:	4260
Ion	Ratio	Lower	Upper
56	100		
69	160.2	26.6	40.0#
84	148.7	72.3	108.5#

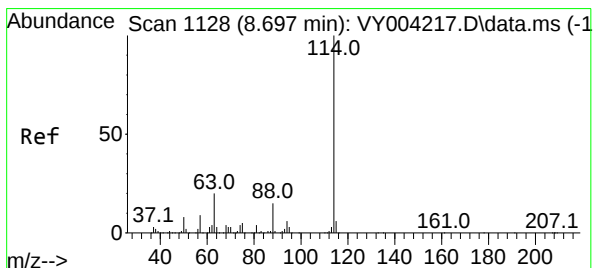
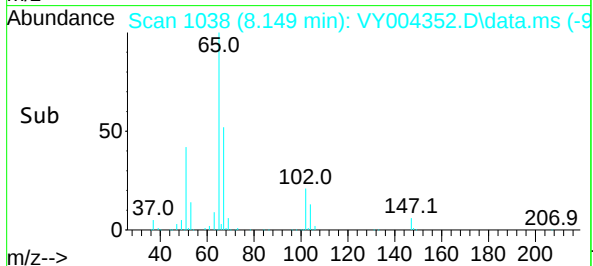
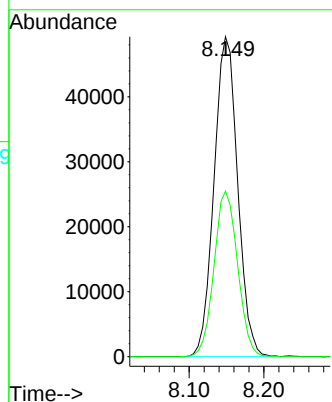
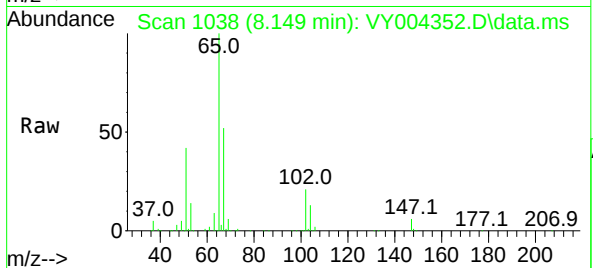




#33
 1,2-Dichloroethane-d4
 Concen: 64.09 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004352.D
 Acq: 09 Apr 2021 12:33

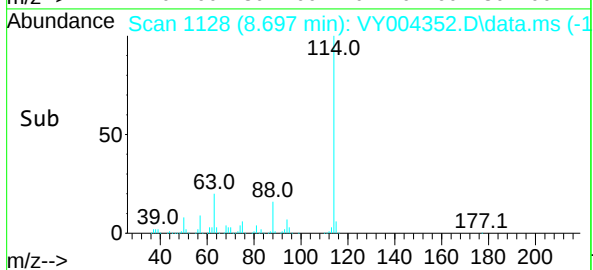
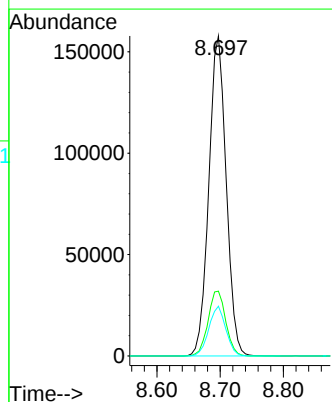
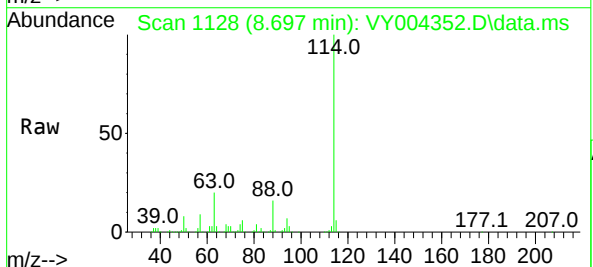
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBL01

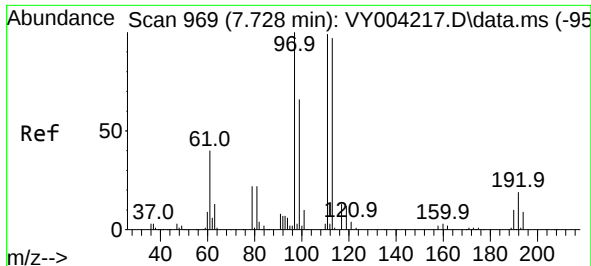
Tgt Ion: 65 Resp: 108342
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004352.D
 Acq: 09 Apr 2021 12:33

Tgt Ion: 114 Resp: 300412
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.4
 88 15.5 0.0 30.8

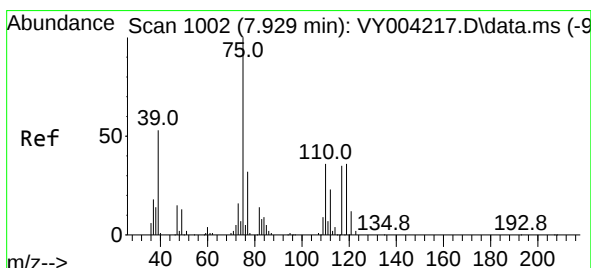
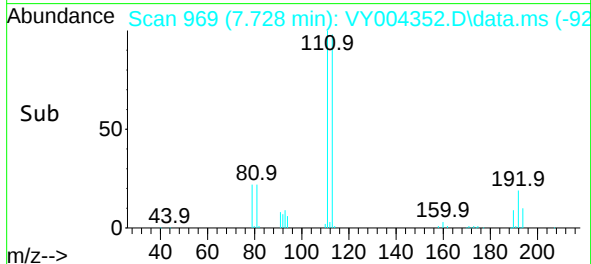
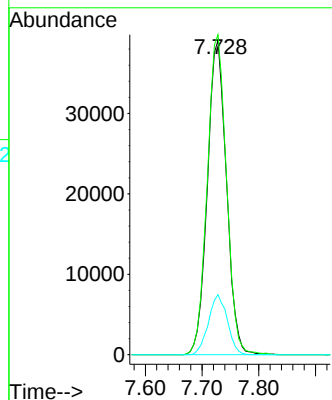
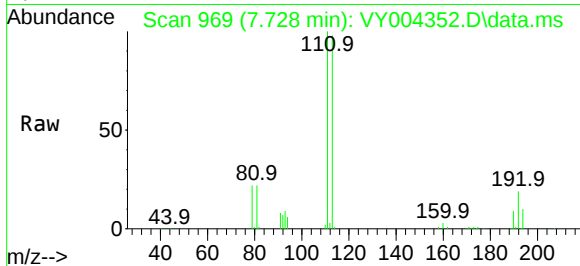




#35
Dibromofluoromethane
Concen: 54.51 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

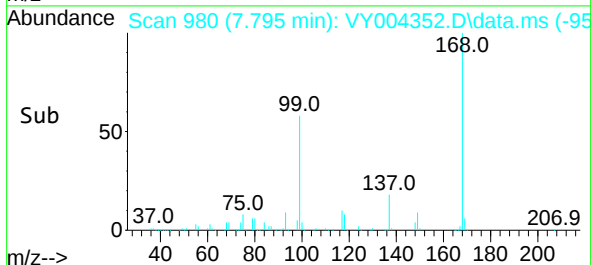
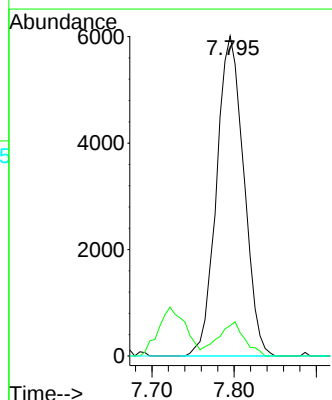
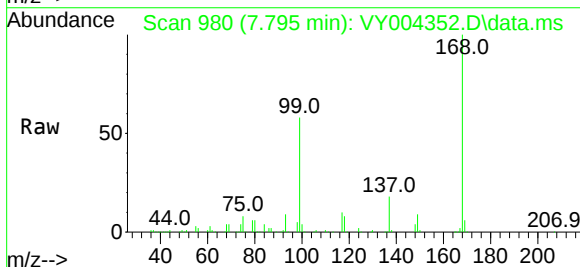
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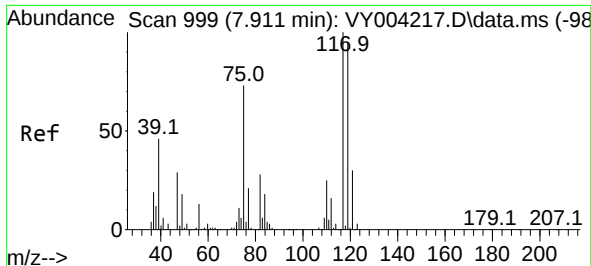
Tgt Ion:	113	Resp:	91236
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.9	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

Tgt Ion:	75	Resp:	13844
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.1	54.3#
77	0.0	25.1	37.7#

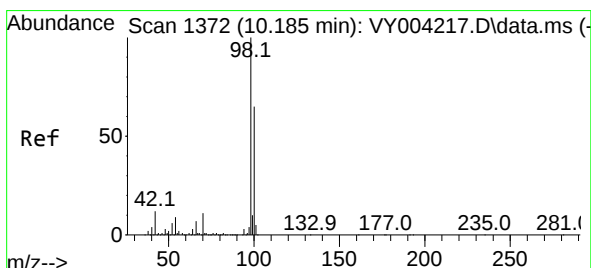
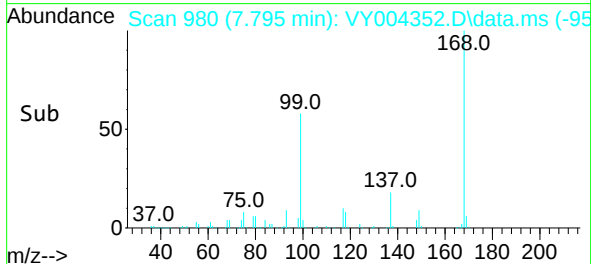
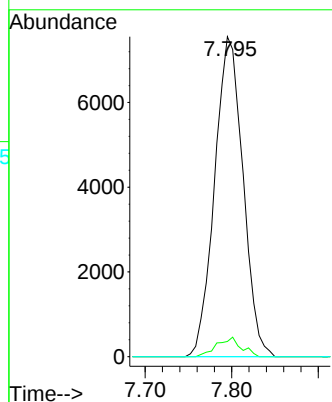
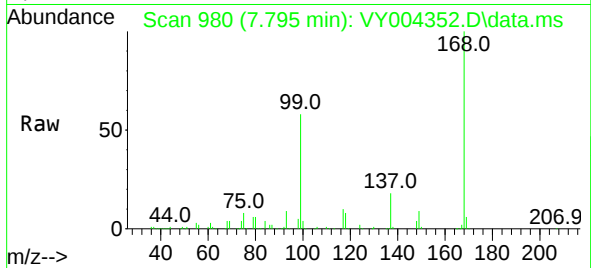




#38
Carbon Tetrachloride
Concen: 7.20 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

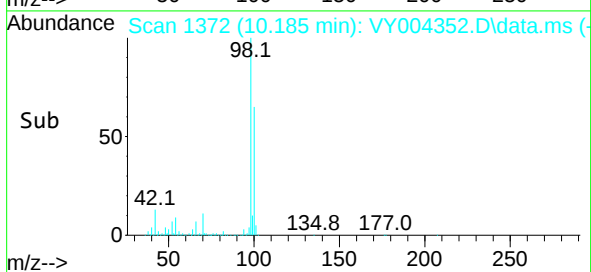
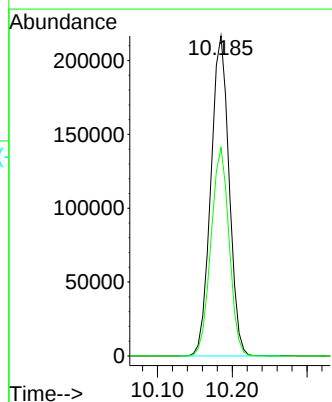
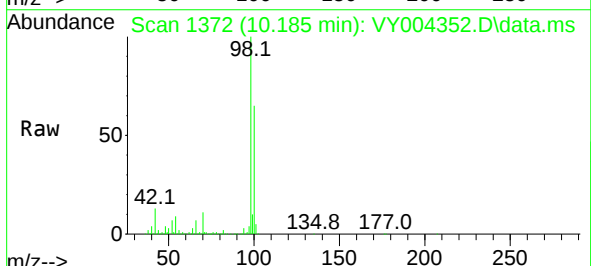
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

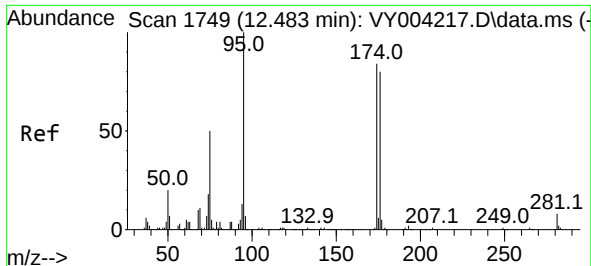
Tgt Ion:117 Resp: 17177
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

Tgt Ion: 98 Resp: 366884
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

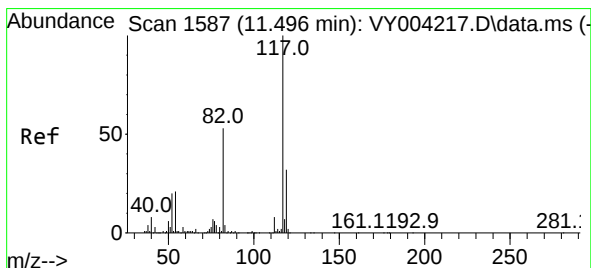
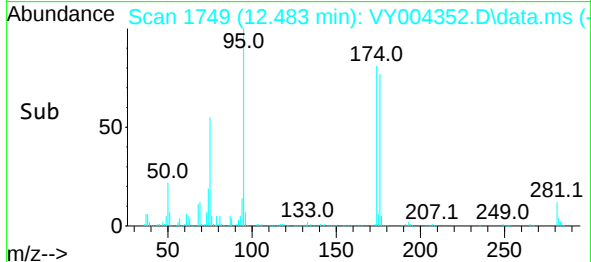
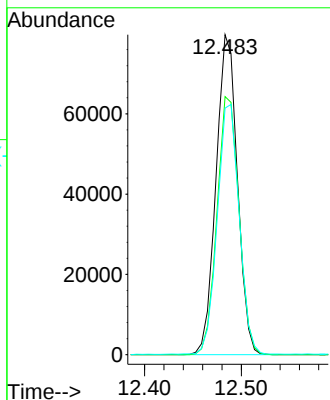
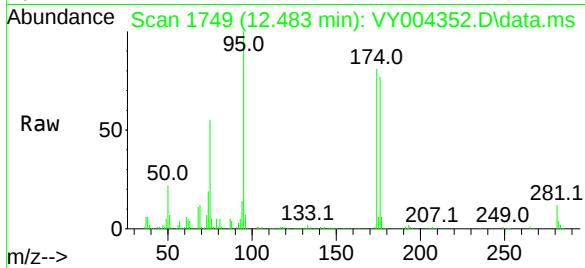




#62
4-Bromofluorobenzene
Concen: 56.56 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

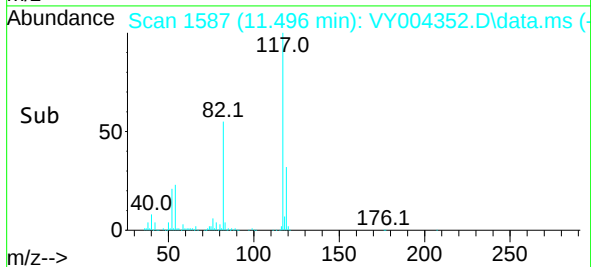
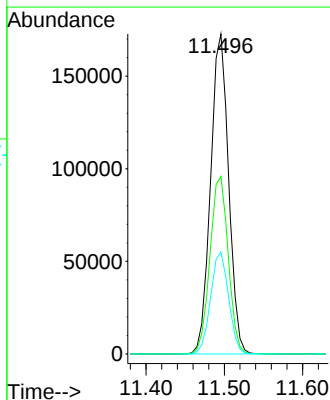
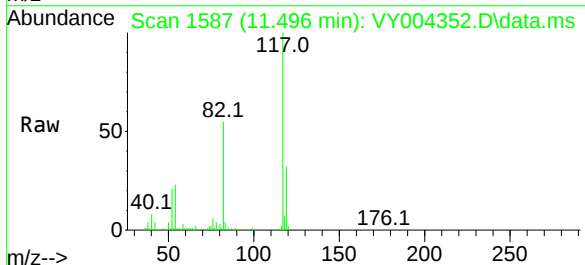
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

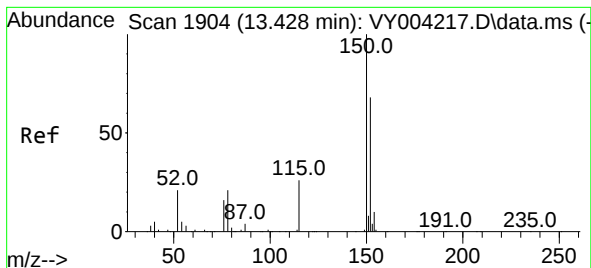
Tgt Ion: 95 Resp: 122043
Ion Ratio Lower Upper
95 100
174 82.8 0.0 171.4
176 80.2 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

Tgt Ion: 117 Resp: 275777
Ion Ratio Lower Upper
117 100
82 55.4 42.7 64.1
119 31.8 25.7 38.5

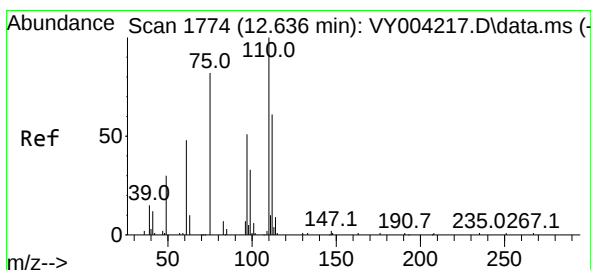
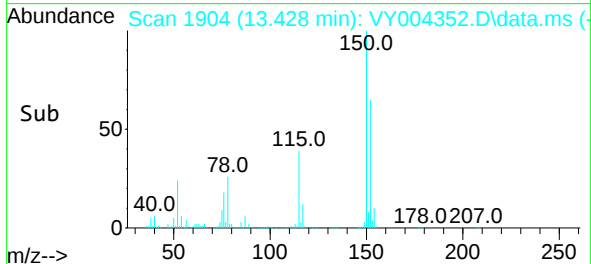
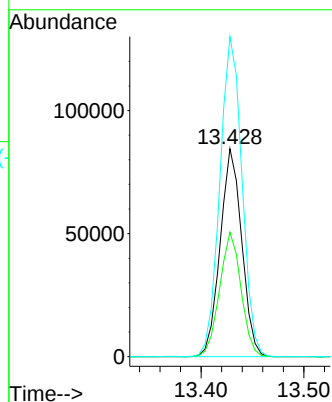
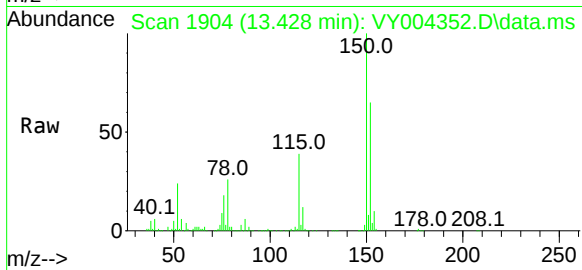




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004352.D
 Acq: 09 Apr 2021 12:33

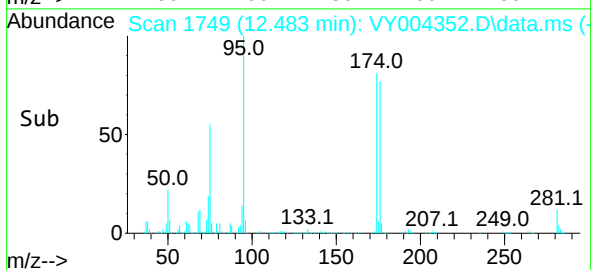
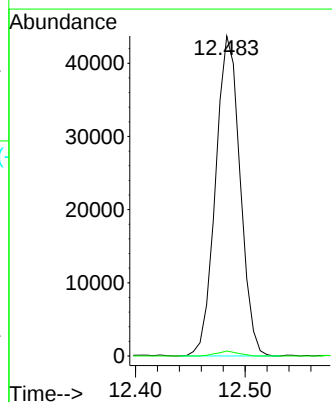
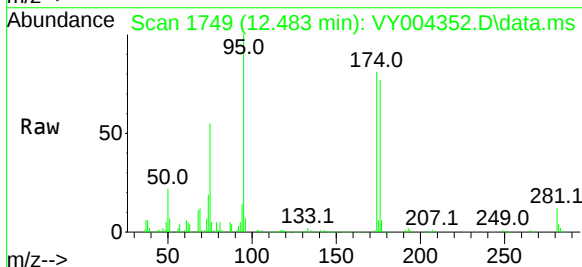
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBL01

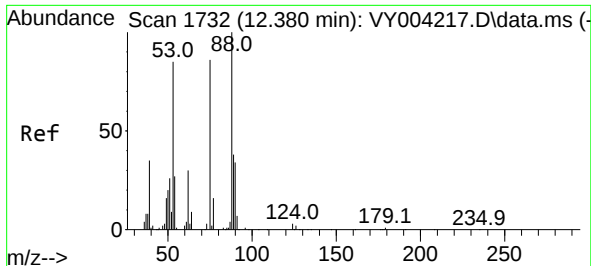
Tgt Ion:152 Resp: 123161
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.0 87.1
 150 157.6 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 60.86 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004352.D
 Acq: 09 Apr 2021 12:33

Tgt Ion: 75 Resp: 68059
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

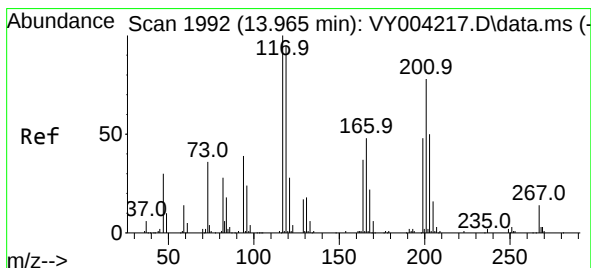
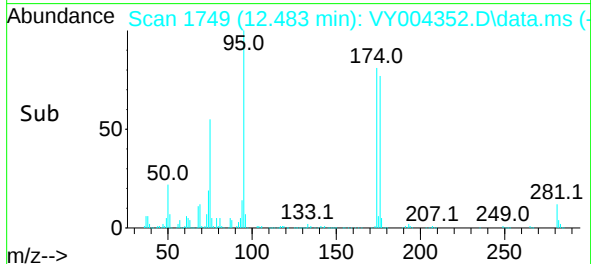
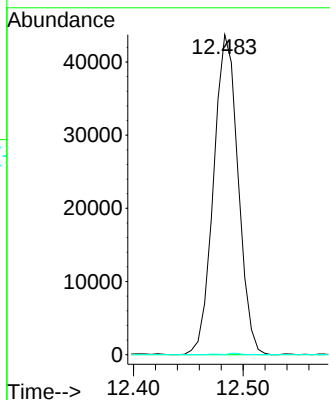
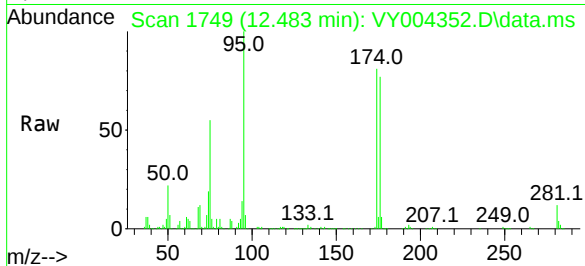




#81
trans-1,4-Dichloro-2-butene
Concen: 112.16 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

Tgt Ion: 75 Resp: 68059
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.3 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY004352.D
Acq: 09 Apr 2021 12:33

Tgt Ion: 117 Resp: 20
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

