

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040821\
 Data File : VY004326.D
 Acq On : 08 Apr 2021 11:08
 Operator : SY/MD
 Sample : VY0408SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBL01

Quant Time: Apr 08 13:13:22 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)

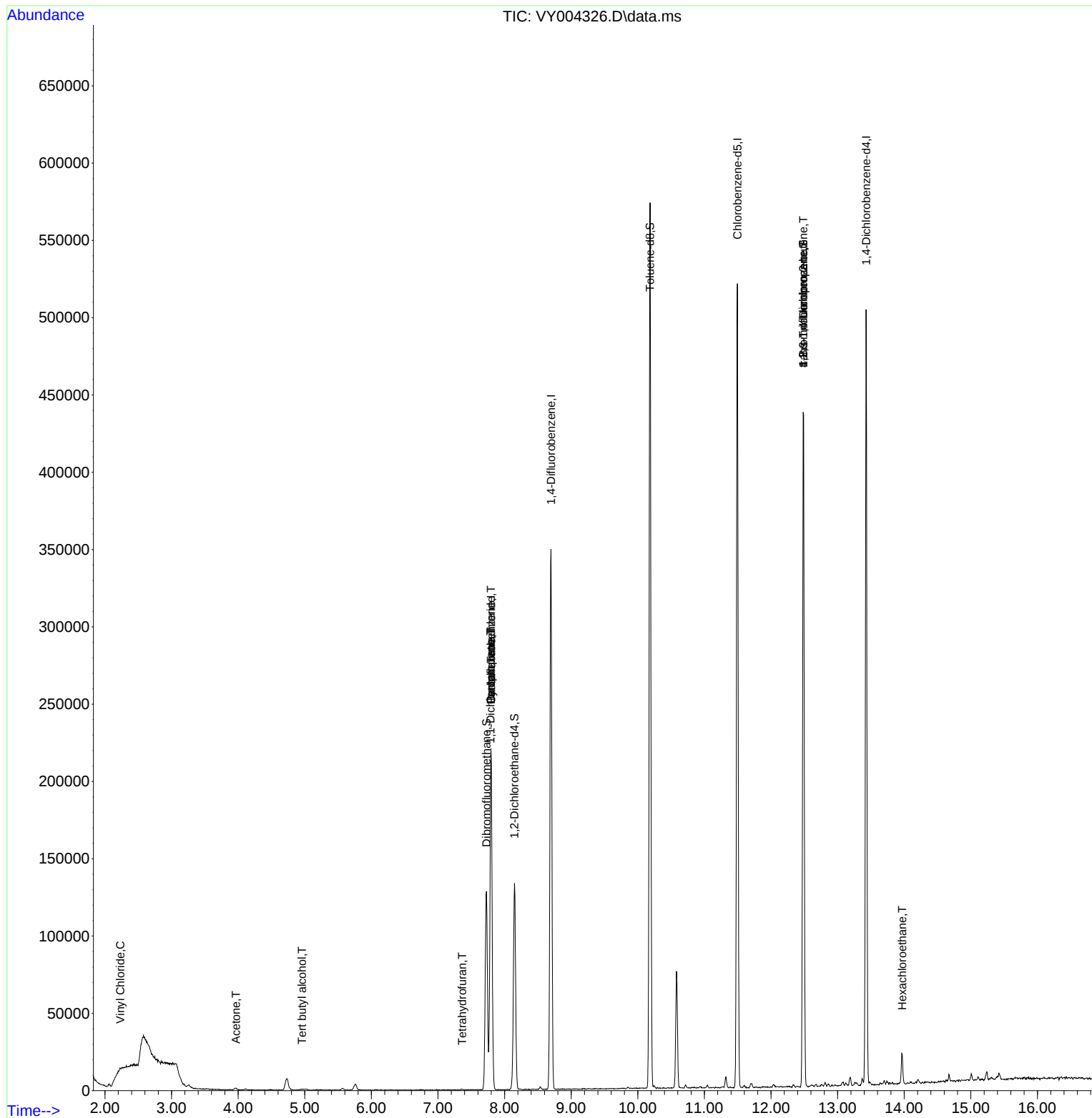
Internal Standards						
1) Pentafluorobenzene	7.795	168	169164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	290467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	119625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102680	63.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.28%
35) Dibromofluoromethane	7.728	113	89184	55.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.20%
50) Toluene-d8	10.185	98	359373	59.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.08%
62) 4-Bromofluorobenzene	12.483	95	118236	56.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.34%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	7143	3.24	ug/l #	42
11) Tert butyl alcohol	4.960	59	1458	11.02	ug/l #	71
13) Acrolein	3.741	56	20	Below Cal	#	15
16) Acetone	3.967	43	1914	5.65	ug/l	97
29) Tetrahydrofuran	7.362	42	425	1.07	ug/l #	41
31) Cyclohexane	7.795	56	4068	1.42	ug/l #	6
36) 1,1-Dichloropropene	7.789	75	13568	5.12	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17042	7.39	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	65716	60.50	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65716	111.50	ug/l #	10
90) Hexachloroethane	13.971	117	147	7.46	ug/l #	12

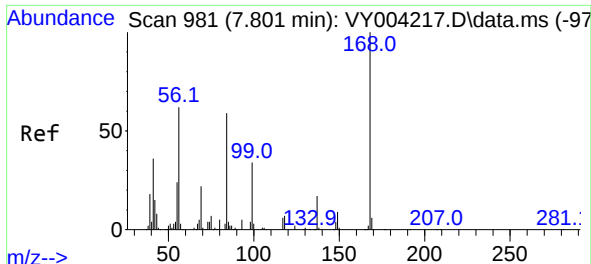
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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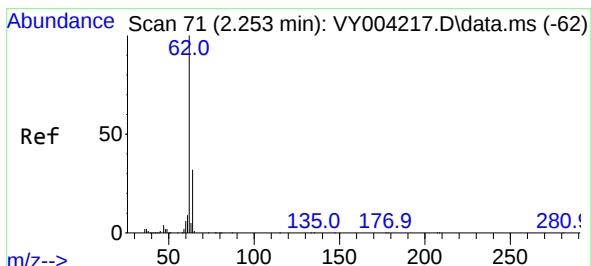
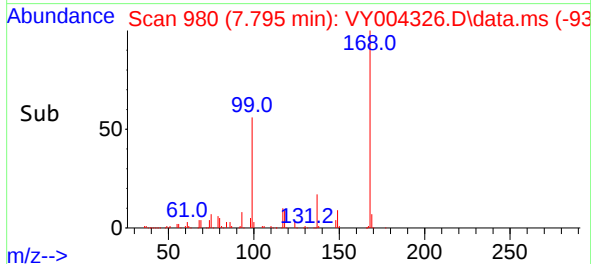
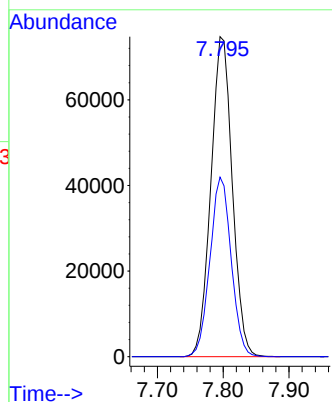
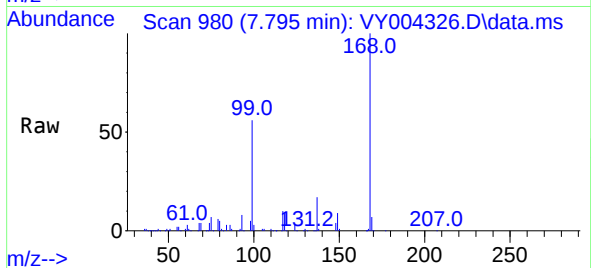




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

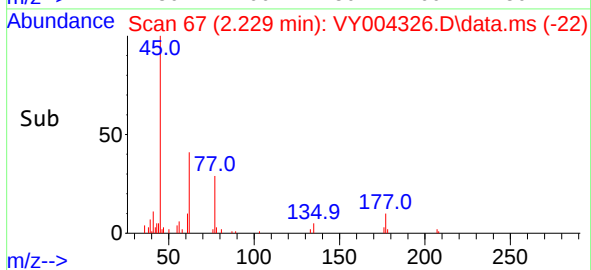
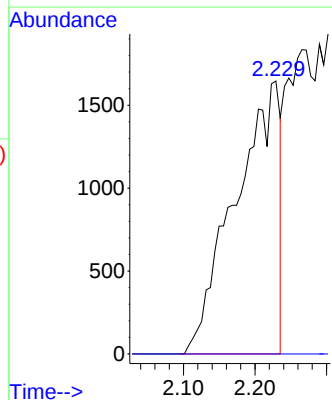
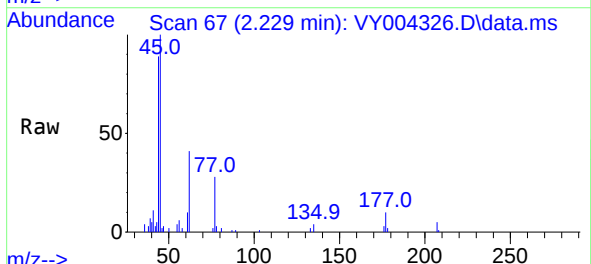
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01

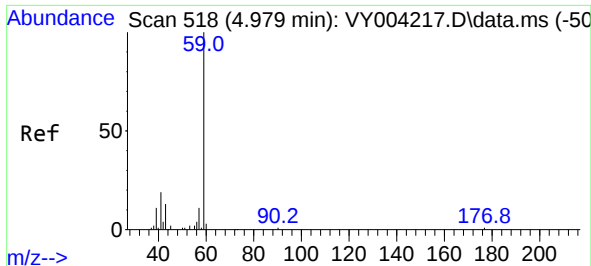
Tgt Ion:168 Resp: 169164
Ion Ratio Lower Upper
168 100
99 56.1 42.6 64.0



#4
Vinyl Chloride
Concen: 3.24 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.024 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Tgt Ion: 62 Resp: 7143
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



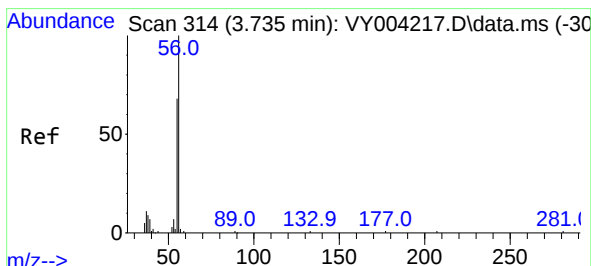
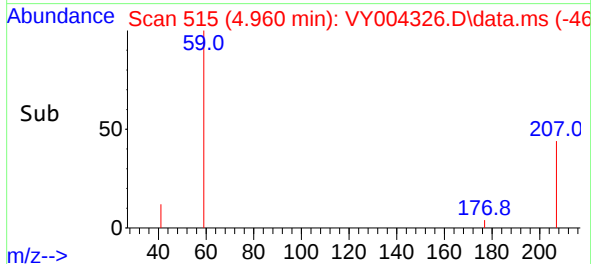
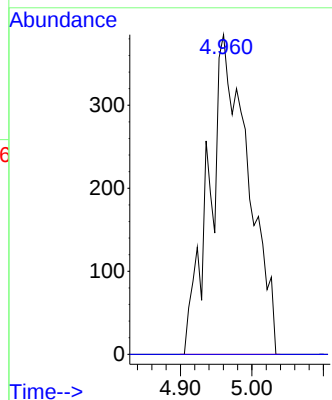
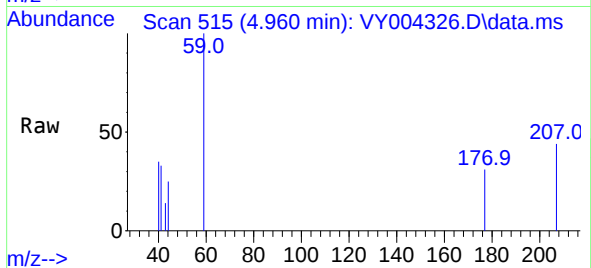


#11

Tert butyl alcohol
Concen: 11.02 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01

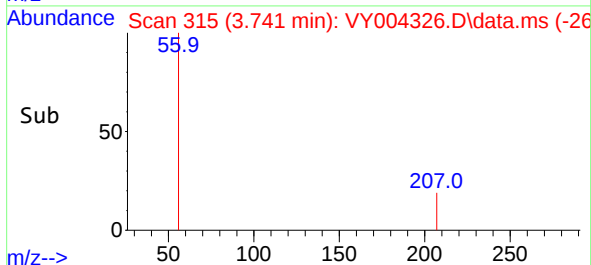
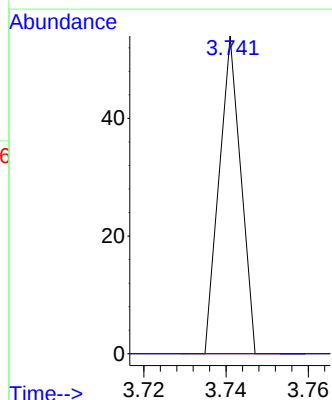
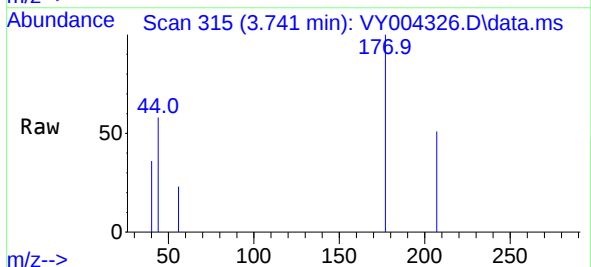
Tgt Ion: 59 Resp: 1458
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

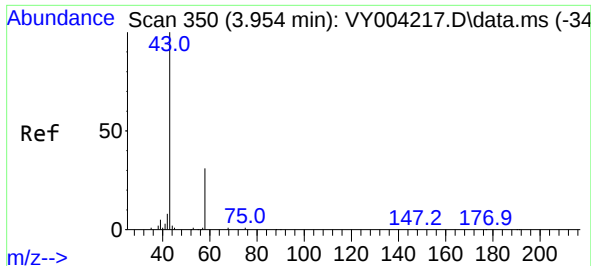


#13

Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.4#

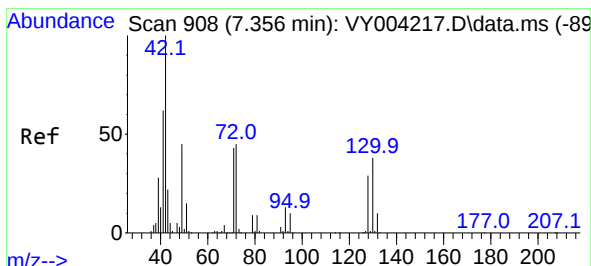
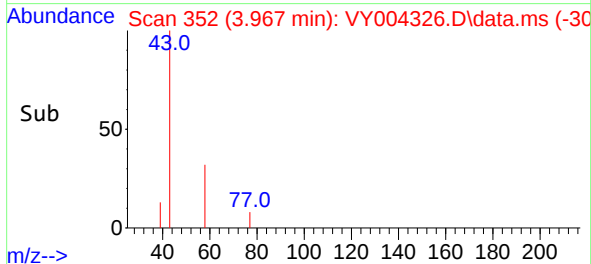
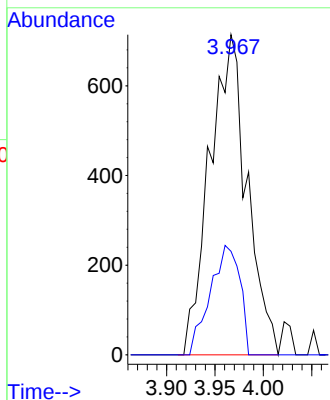
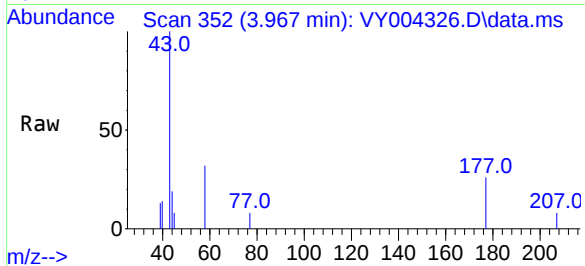




#16
Acetone
Concen: 5.65 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

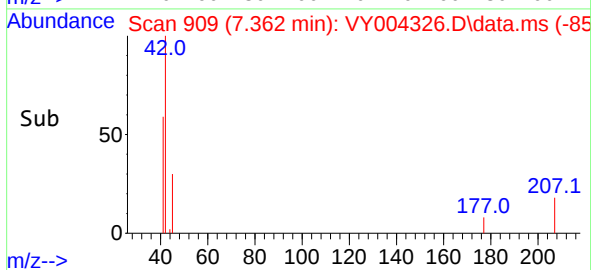
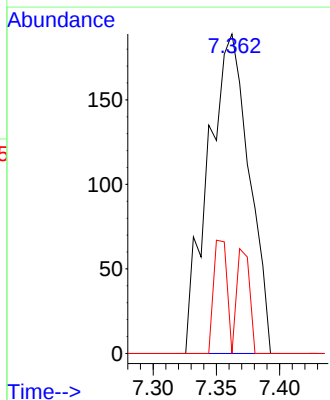
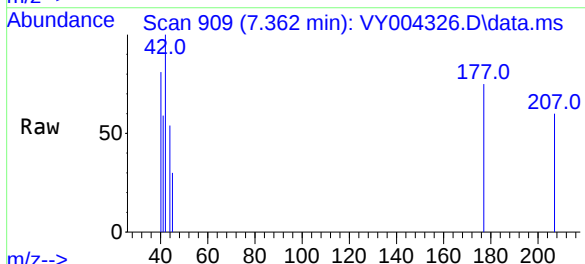
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01

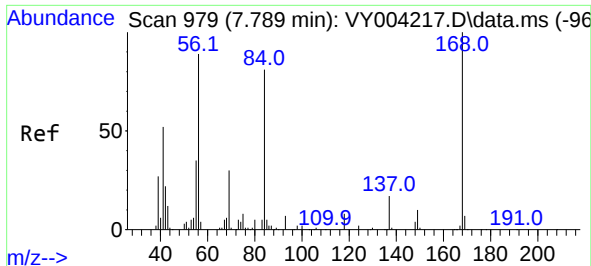
Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
58 32.4 24.5 36.7



#29
Tetrahydrofuran
Concen: 1.07 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

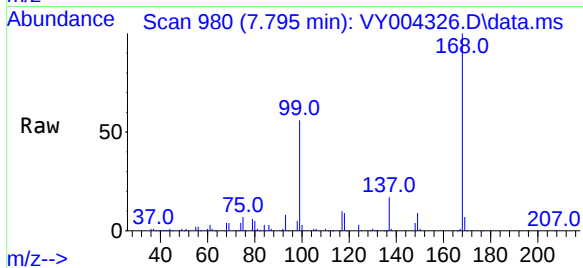
Tgt Ion: 42 Resp: 425
Ion Ratio Lower Upper
42 100
72 0.0 35.1 52.7#
71 10.4 32.9 49.3#



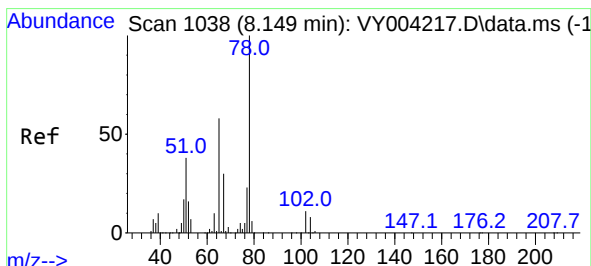
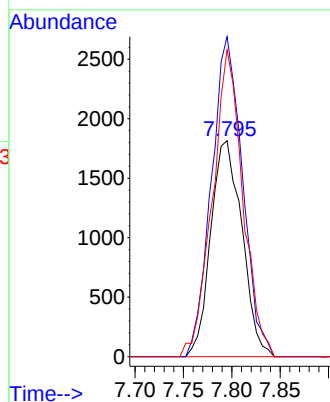
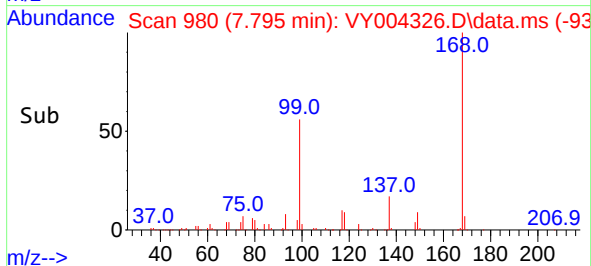


#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

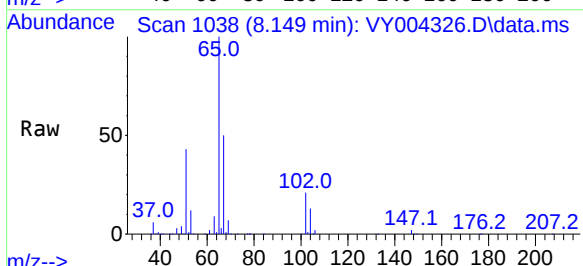
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01



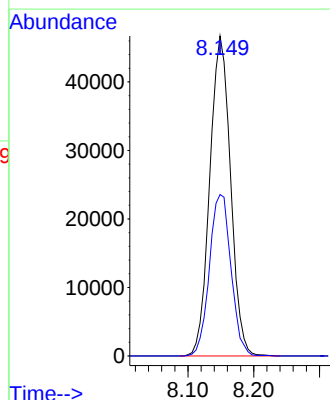
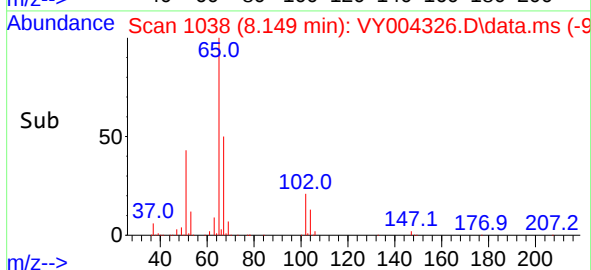
Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 148.1 26.6 40.0#
84 142.0 72.3 108.5#

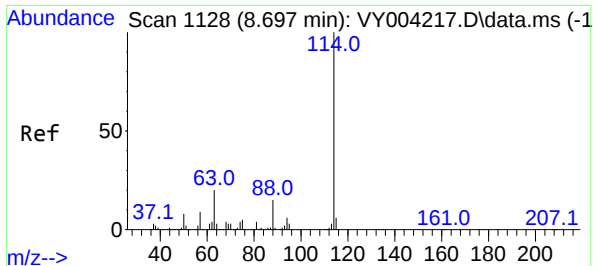


#33
1,2-Dichloroethane-d4
Concen: 63.14 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08



Tgt Ion: 65 Resp: 102680
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2



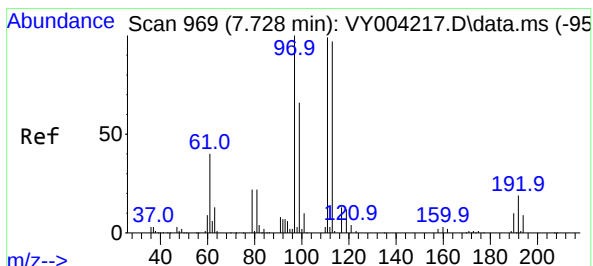
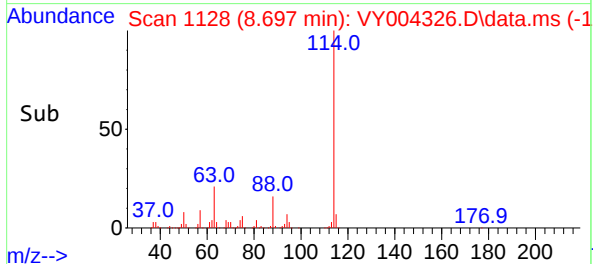
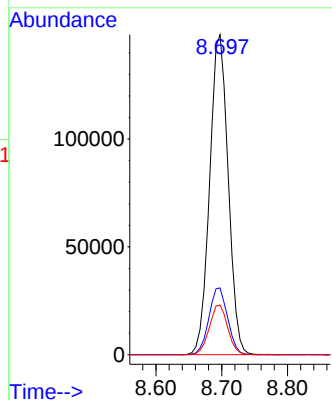
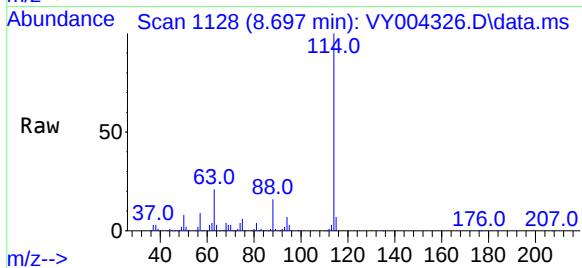


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01

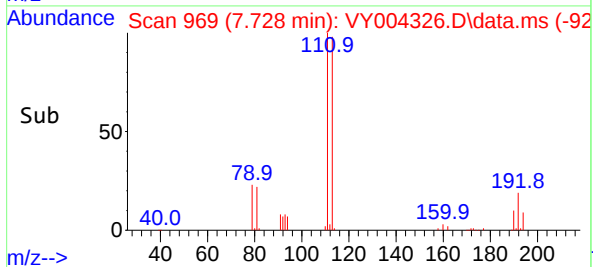
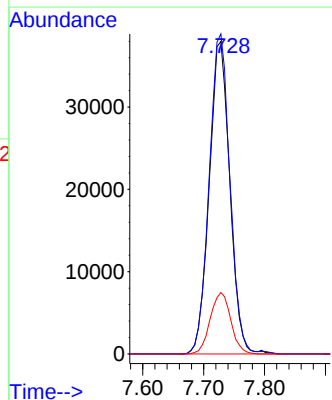
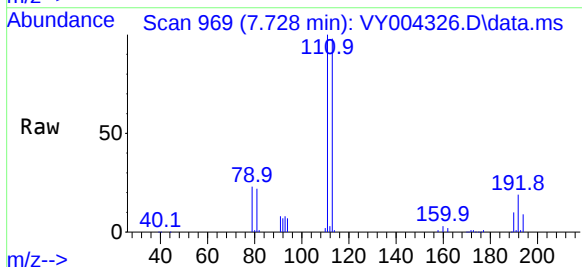
Tgt Ion:	114	Resp:	290467
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	40.4
88	15.5	0.0	30.8

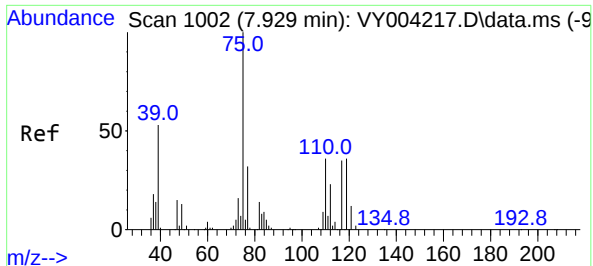


#35

Dibromofluoromethane
Concen: 55.10 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

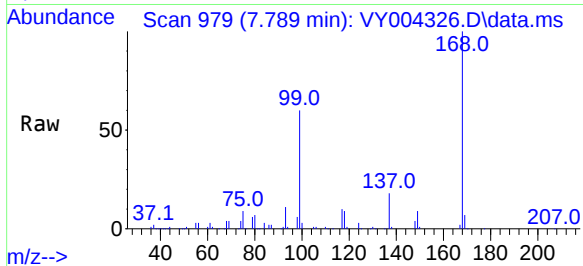
Tgt Ion:	113	Resp:	89184
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.6	124.0
192	19.6	16.4	24.6



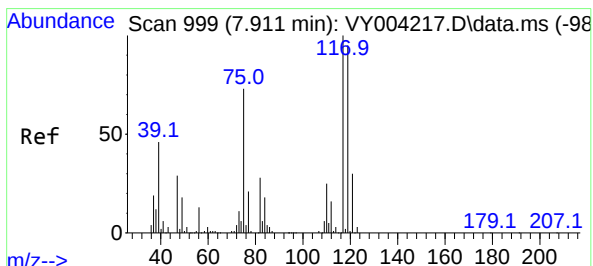
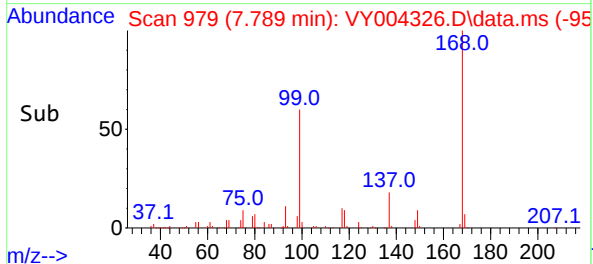
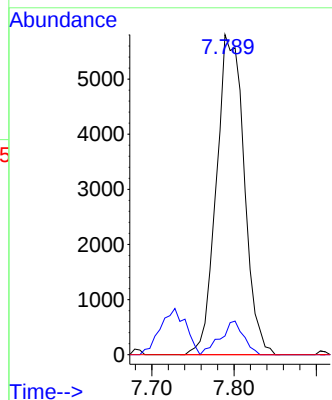


#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Instrument :
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ClientSampleId :
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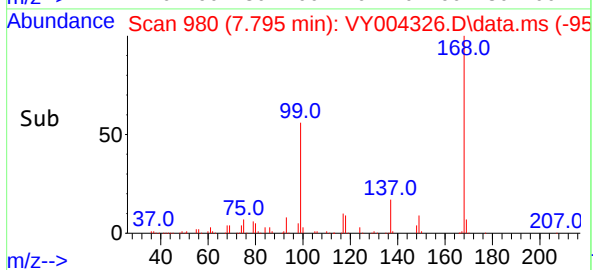
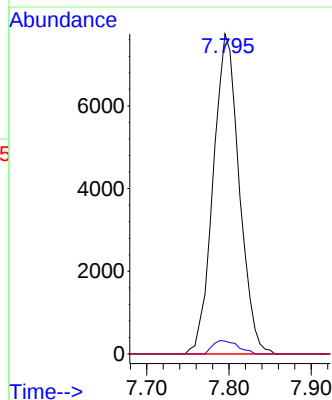
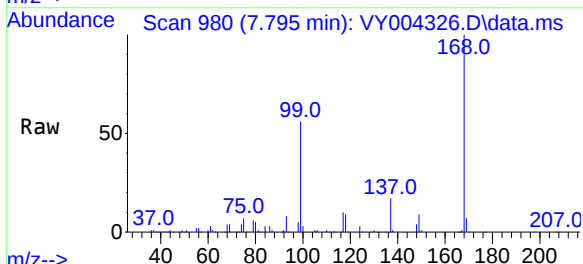


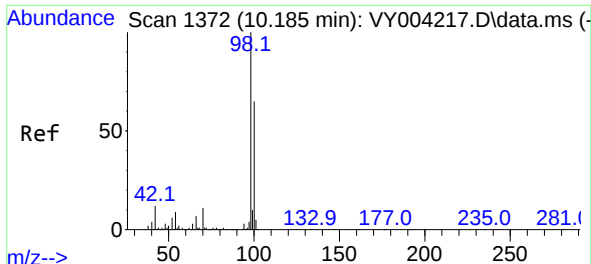
Tgt Ion: 75 Resp: 13568
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.3#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.39 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Tgt Ion: 117 Resp: 17042
Ion Ratio Lower Upper
117 100
119 4.0 75.6 113.4#
121 0.0 24.3 36.5#

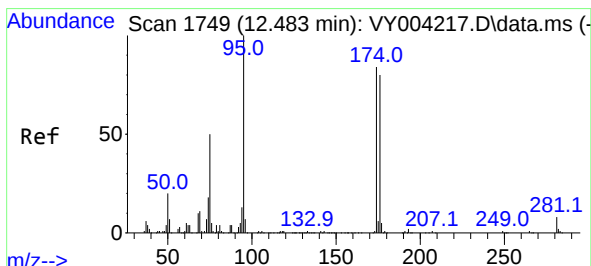
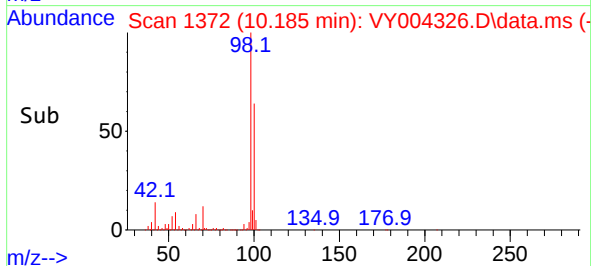
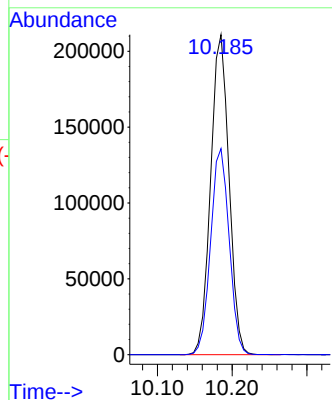
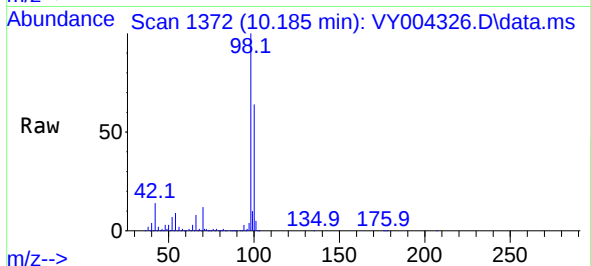




#50
Toluene-d8
Concen: 59.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

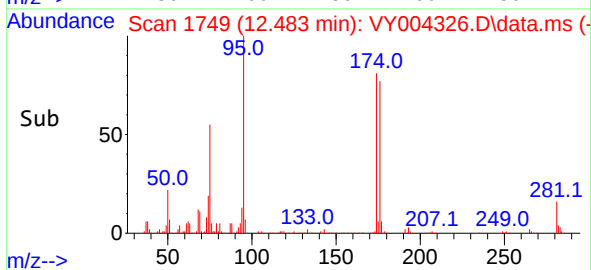
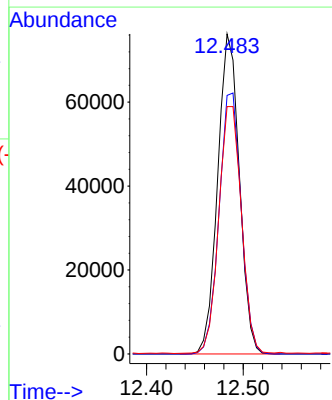
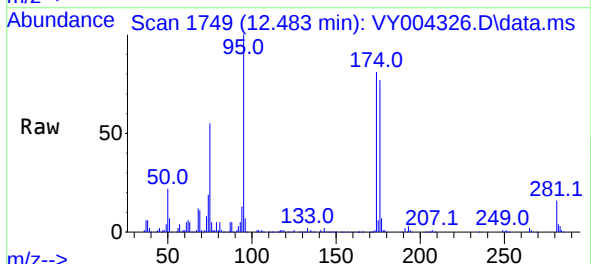
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01

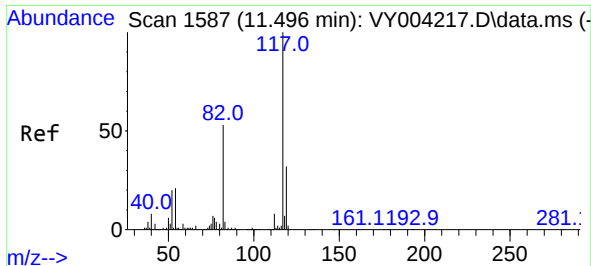
Tgt Ion: 98 Resp: 359373
Ion Ratio Lower Upper
98 100
100 65.0 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 56.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Tgt Ion: 95 Resp: 118236
Ion Ratio Lower Upper
95 100
174 83.1 0.0 171.4
176 80.9 0.0 165.6



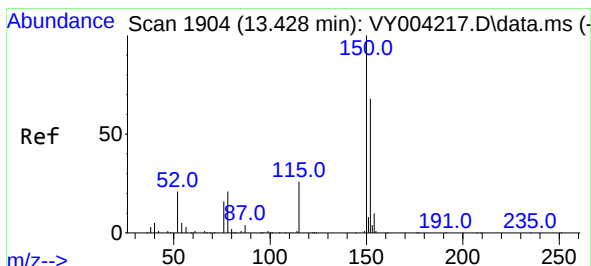
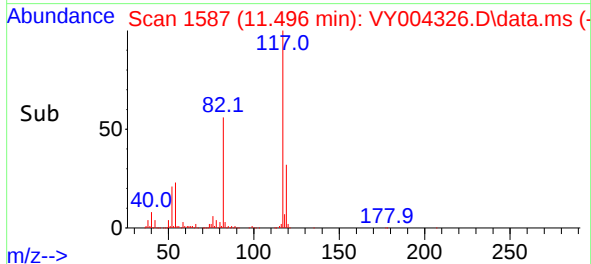
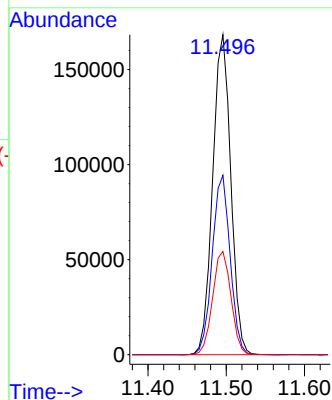
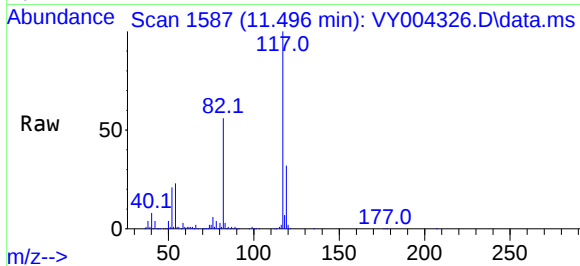


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01

Tgt Ion:117 Resp: 270098

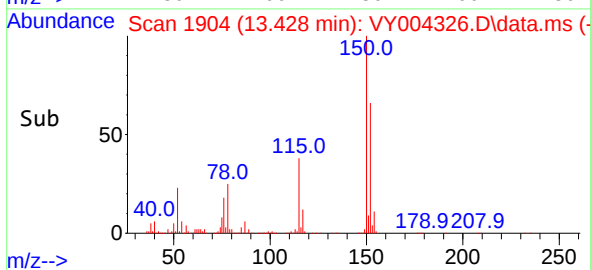
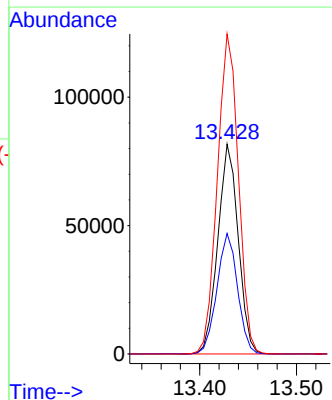
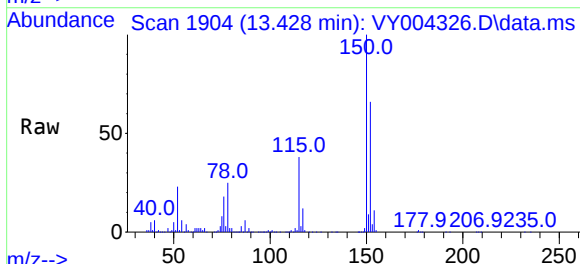
Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.7	64.1
119	32.3	25.7	38.5

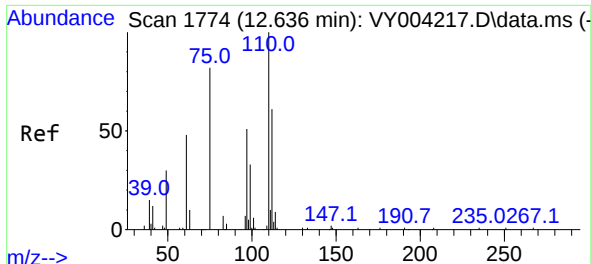


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Tgt Ion:152 Resp: 119625

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.0	87.1
150	157.0	0.0	347.4

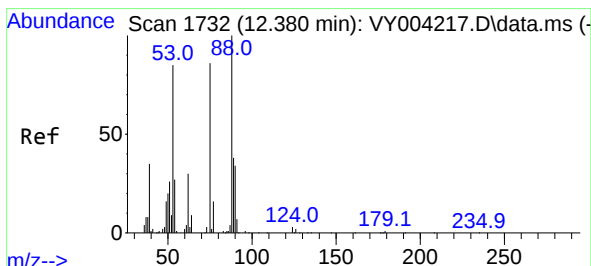
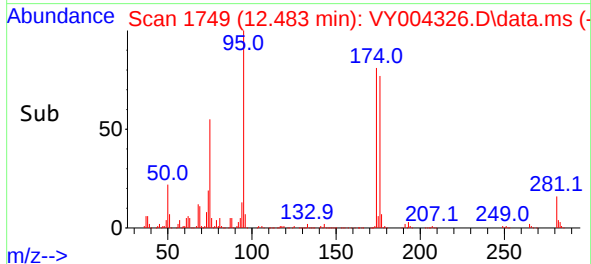
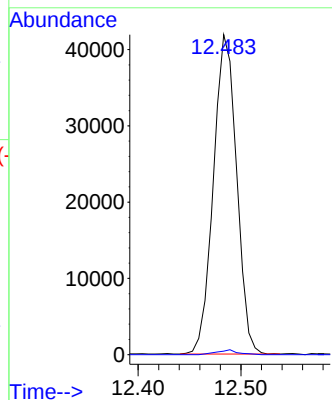
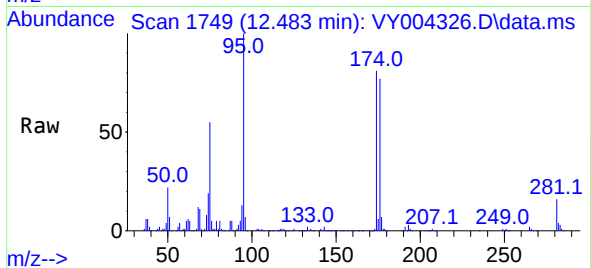




#76
1,2,3-Trichloropropane
Concen: 60.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

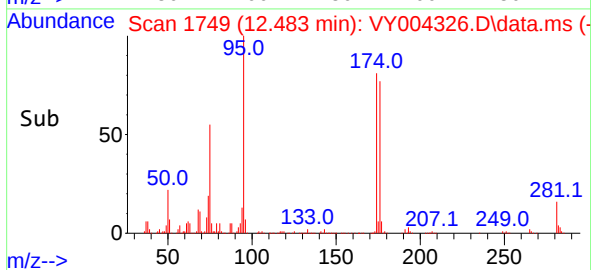
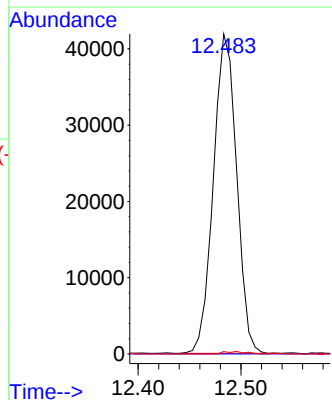
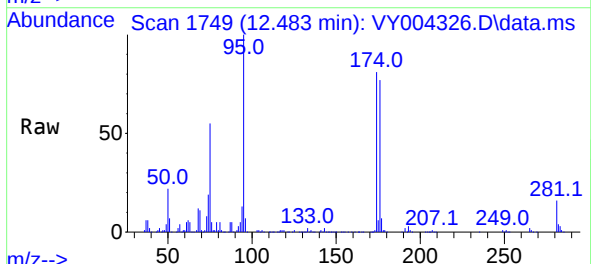
Instrument :
MSVOA_Y
ClientSampleId :
VY0408SBL01

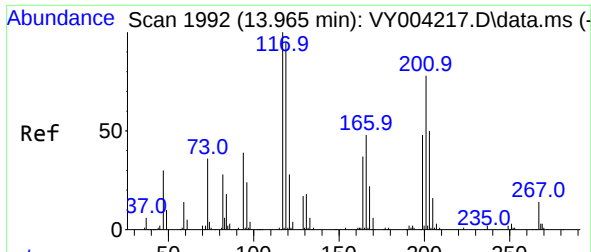
Tgt Ion: 75 Resp: 65716
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004326.D
Acq: 08 Apr 2021 11:08

Tgt Ion: 75 Resp: 65716
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.7 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.46 ug/l
 RT: 13.971 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: VY004326.D
 Acq: 08 Apr 2021 11:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0408SBL01

Tgt Ion:117 Resp: 147
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

