

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040521\
 Data File : VY004280.D
 Acq On : 05 Apr 2021 13:34
 Operator : SY/MD
 Sample : M1932-02
 Misc : 6.64g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-2

Quant Time: Apr 05 15:21:03 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	188741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	272116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118075	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111909	61.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.36%	
35) Dibromofluoromethane	7.728	113	93467	53.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.84%	
50) Toluene-d8	10.185	98	375628	57.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.24%	
62) 4-Bromofluorobenzene	12.483	95	118645	53.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.20%	

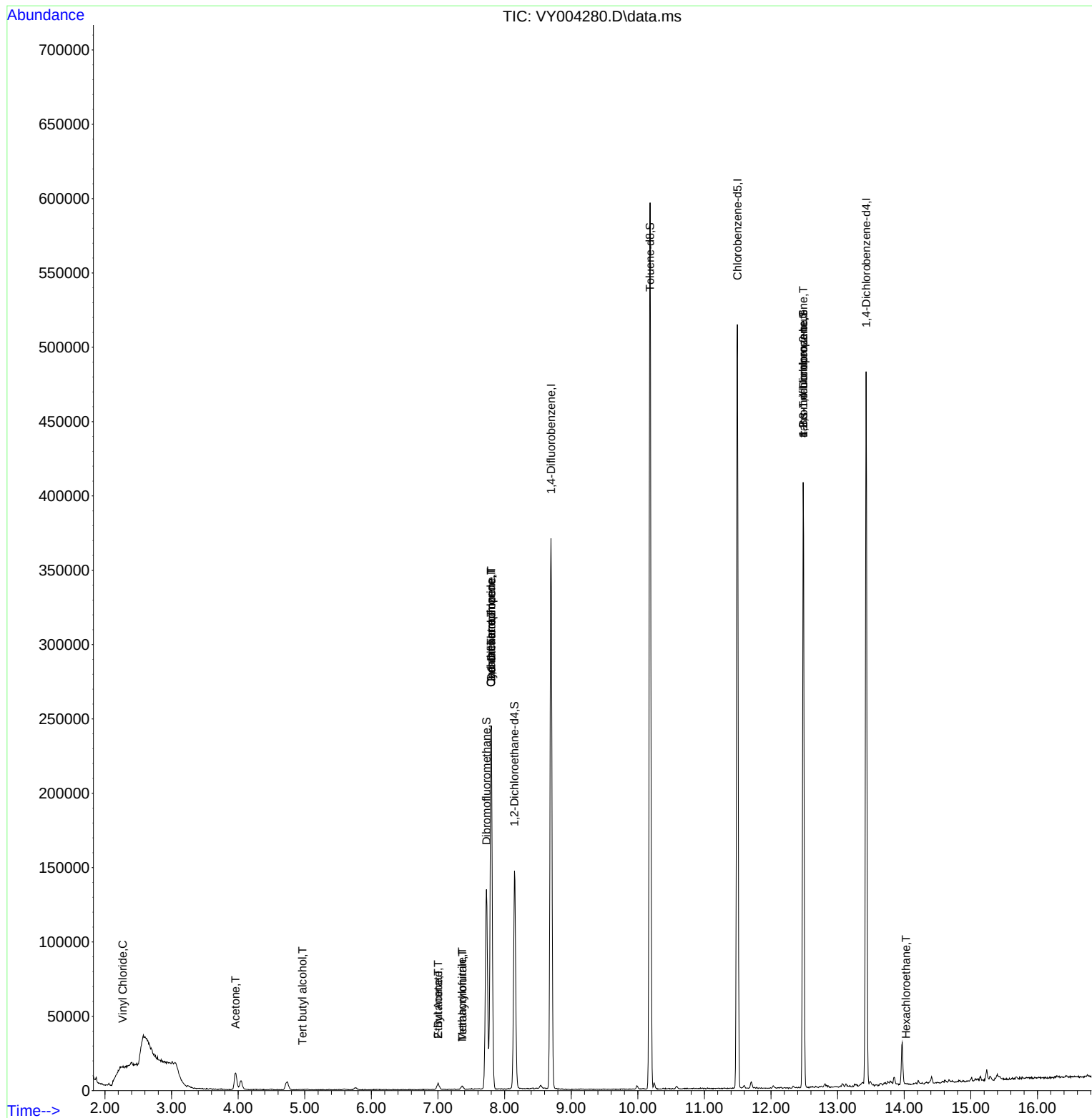
Target Compounds						Qvalue
4) Vinyl Chloride	2.265	62	11933	4.85	ug/l #	42
11) Tert butyl alcohol	4.966	59	382	2.59	ug/l #	71
13) Acrolein	3.747	56	139	Below	Cal #	64
16) Acetone	3.960	43	20814	55.06	ug/l	97
20) Methylene Chloride	4.741	84	3991	Below	Cal #	95
25) 2-Butanone	7.002	43	7275	11.52	ug/l	99
29) Tetrahydrofuran	7.368	42	1600	3.60	ug/l	96
31) Cyclohexane	7.795	56	4319	1.35	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	14727	5.19	ug/l #	49
37) Ethyl Acetate	7.002	43	7275	4.37	ug/l #	70
38) Carbon Tetrachloride	7.795	117	19158	7.76	ug/l #	16
41) Methacrylonitrile	7.362	41	1088	1.18	ug/l #	28
49) 1,4-Dioxane	9.295	88	31	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.483	75	64827	60.46	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64827	111.43	ug/l #	10
90) Hexachloroethane	14.025	117	20	7.31	ug/l #	12

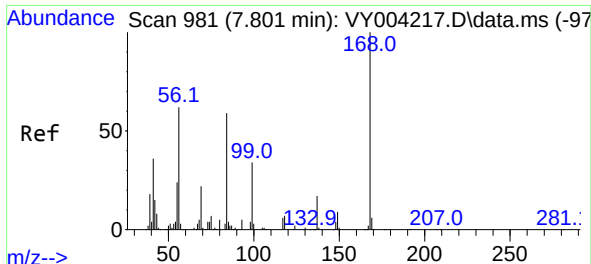
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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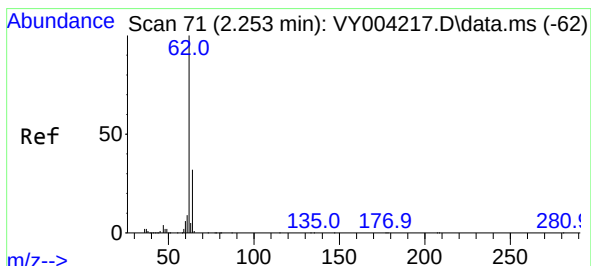
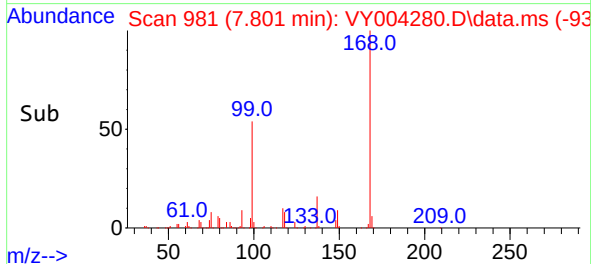
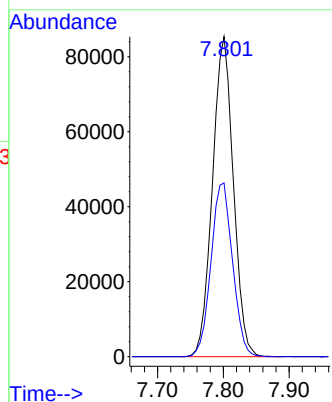
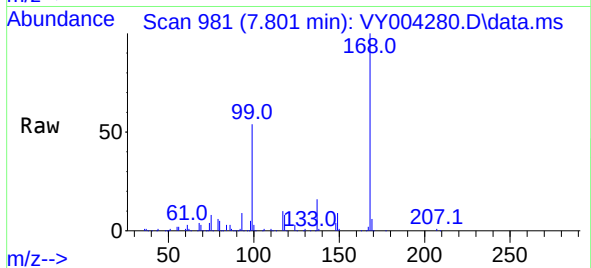




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

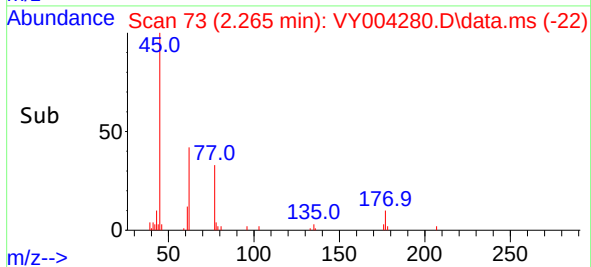
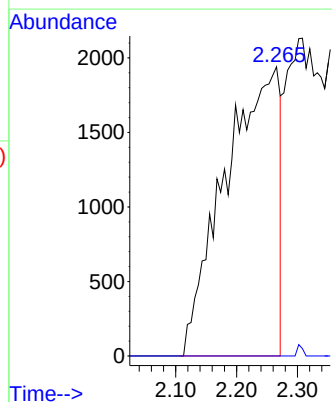
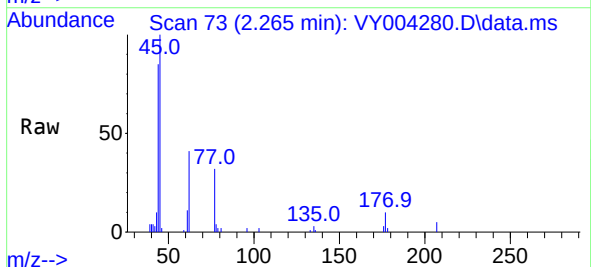
Instrument :
MSVOA_Y
ClientSampleId :
TS-2

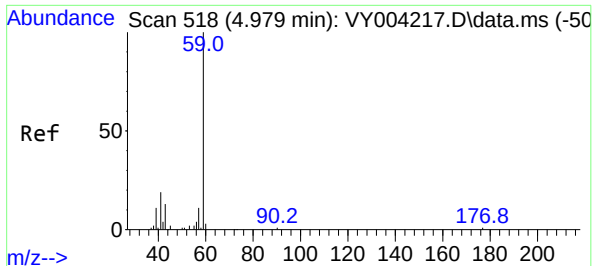
Tgt Ion:168 Resp: 188741
Ion Ratio Lower Upper
168 100
99 54.3 42.6 64.0



#4
Vinyl Chloride
Concen: 4.85 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 62 Resp: 11933
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



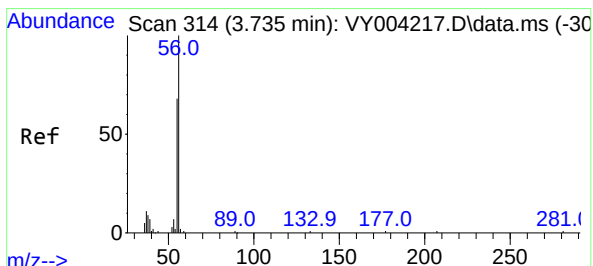
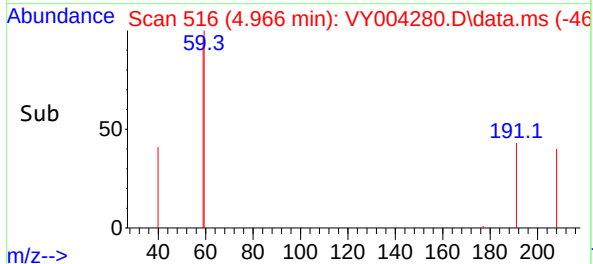
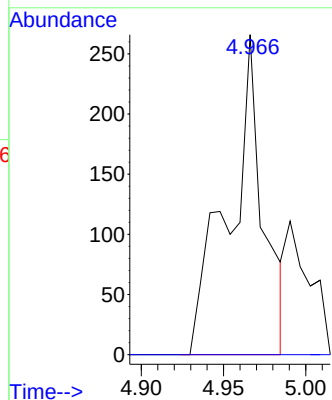
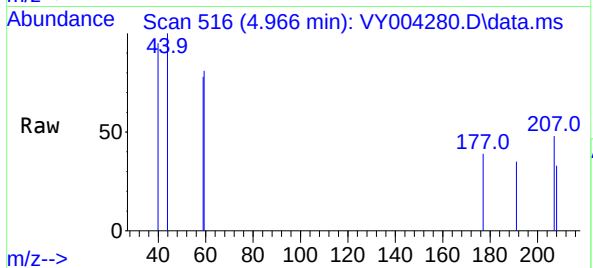


#11

Tert butyl alcohol
Concen: 2.59 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Instrument :
MSVOA_Y
ClientSampled :
TS-2

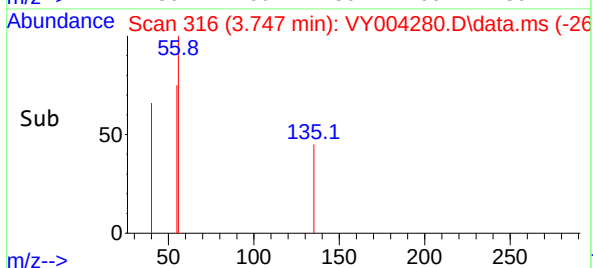
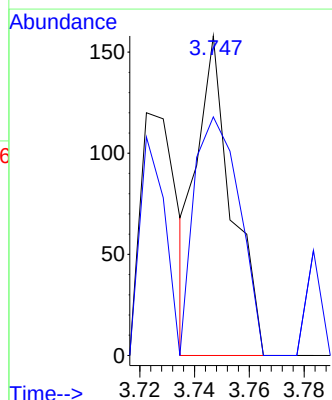
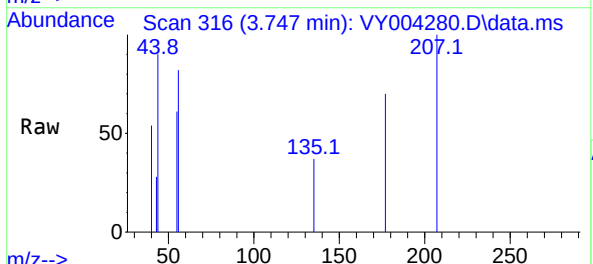
Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

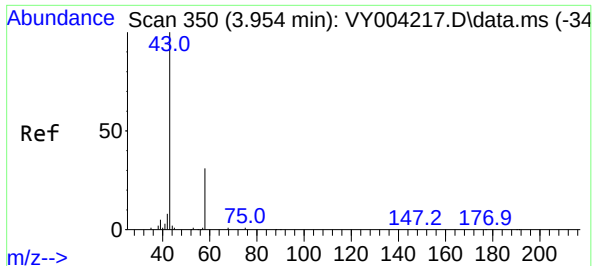


#13

Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 97.8 55.0 82.4#

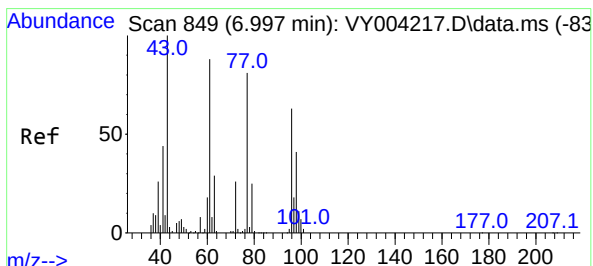
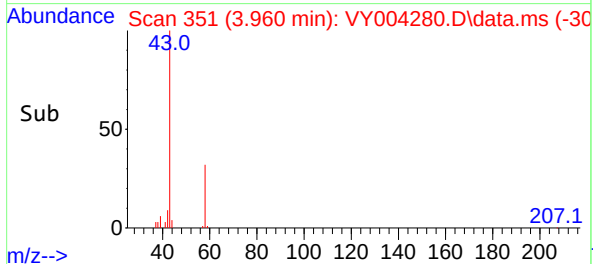
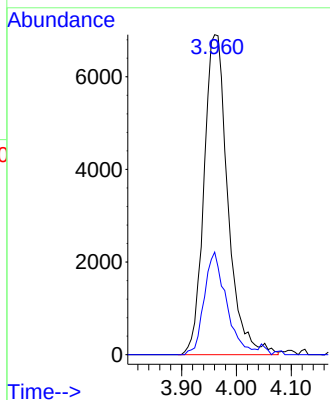
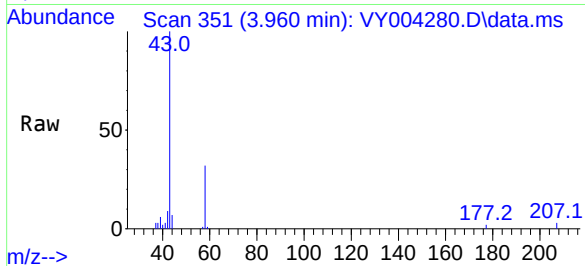




#16
Acetone
Concen: 55.06 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

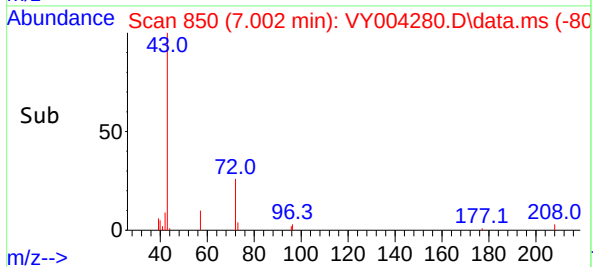
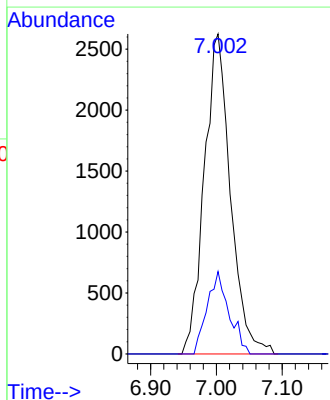
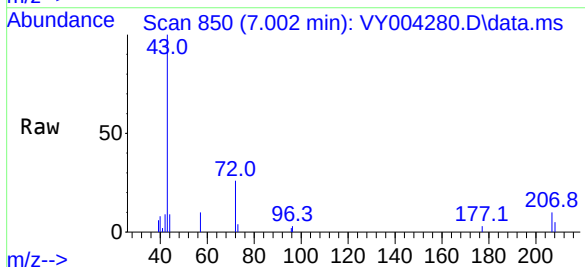
Instrument :
MSVOA_Y
ClientSampled :
TS-2

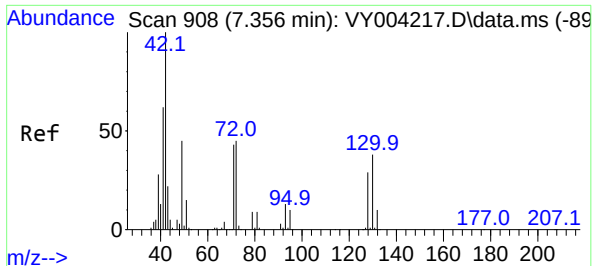
Tgt Ion: 43 Resp: 20814
Ion Ratio Lower Upper
43 100
58 32.1 24.5 36.7



#25
2-Butanone
Concen: 11.52 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 43 Resp: 7275
Ion Ratio Lower Upper
43 100
72 25.8 21.0 31.6



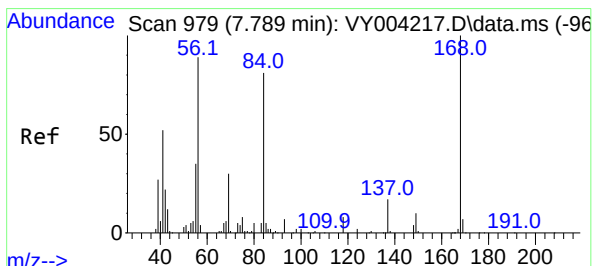
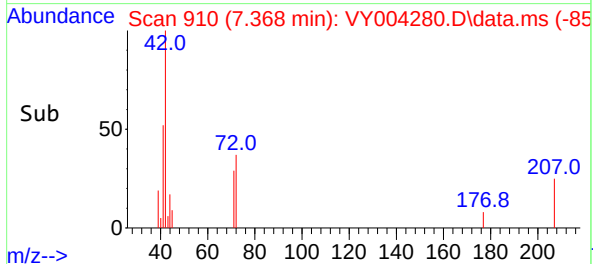
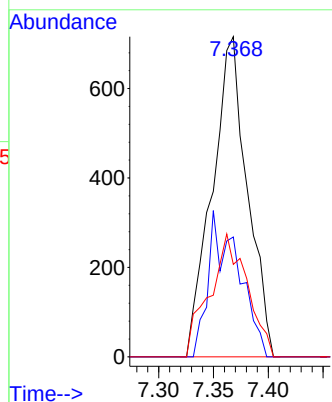
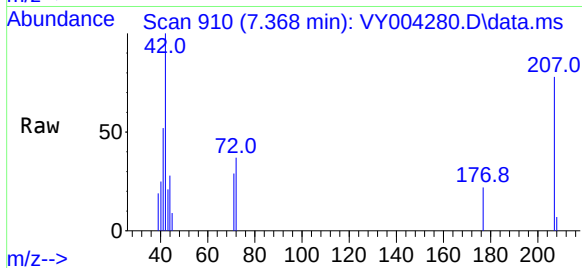


#29
Tetrahydrofuran
Concen: 3.60 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Instrument :
MSVOA_Y
ClientSampled :
TS-2

Tgt Ion: 42 Resp: 1600

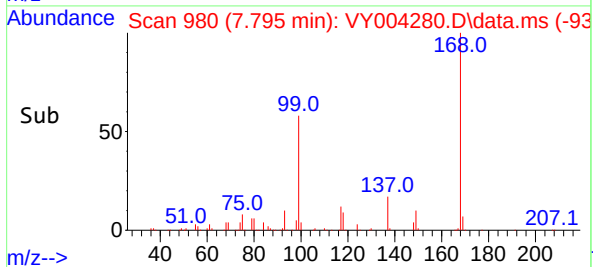
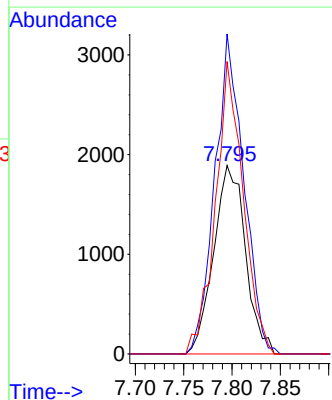
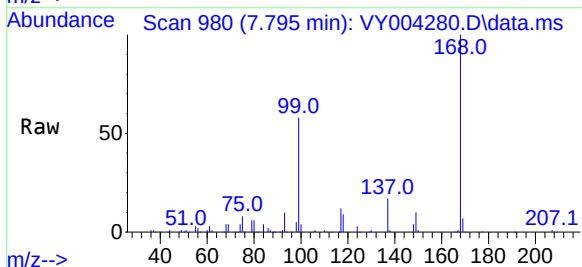
Ion	Ratio	Lower	Upper
42	100		
72	38.9	35.1	52.7
71	40.9	32.9	49.3

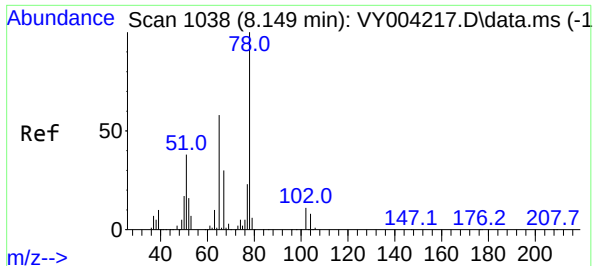


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 56 Resp: 4319

Ion	Ratio	Lower	Upper
56	100		
69	169.7	26.6	40.0#
84	155.1	72.3	108.5#

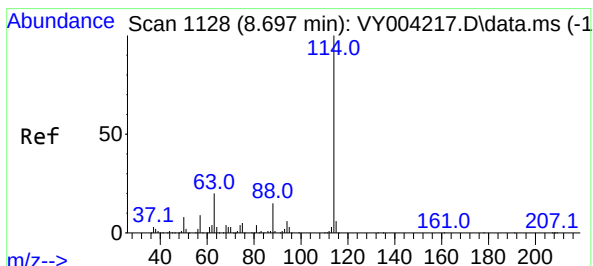
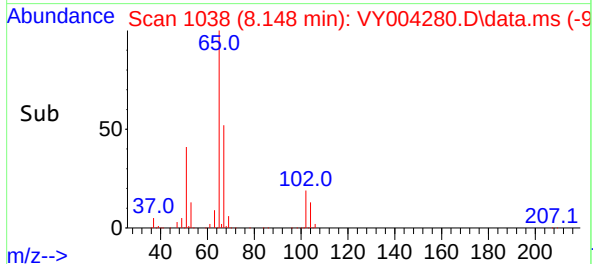
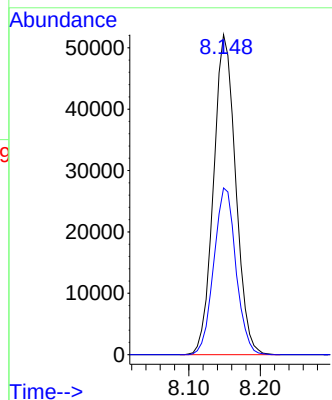
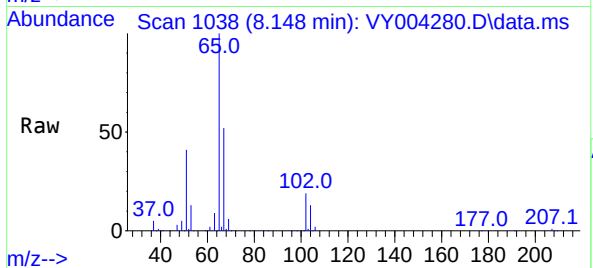




#33
1,2-Dichloroethane-d4
Concen: 61.68 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

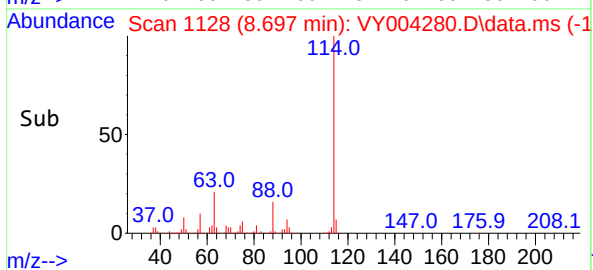
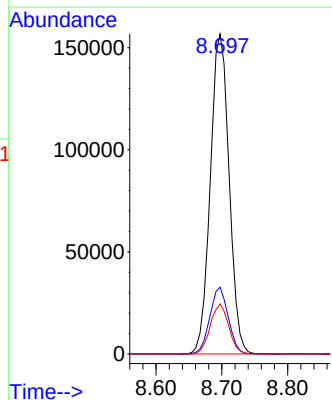
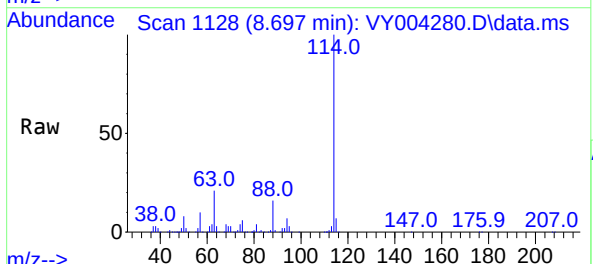
Instrument :
MSVOA_Y
ClientSampled :
TS-2

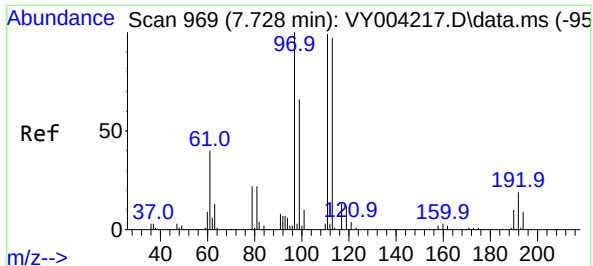
Tgt Ion: 65 Resp: 111909
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 114 Resp: 311075
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.6 0.0 30.8

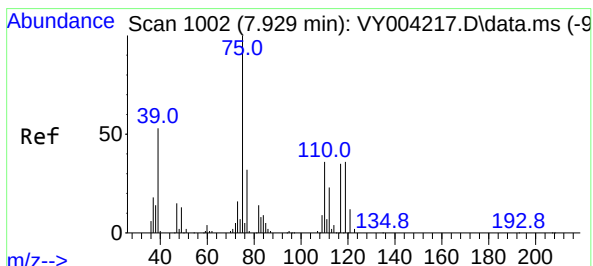
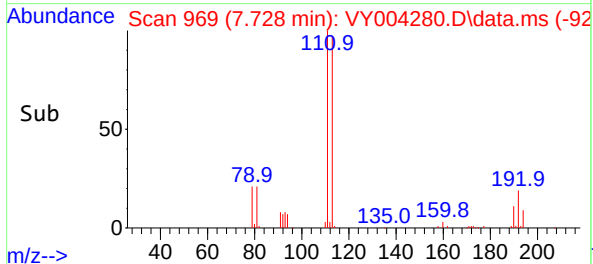
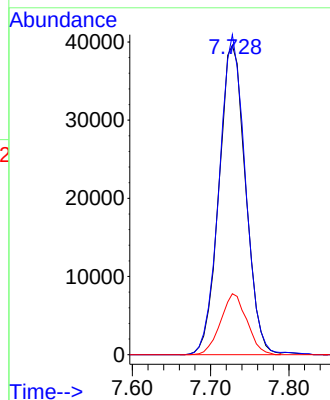
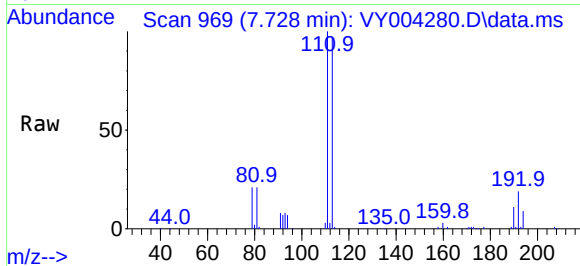




#35
Dibromofluoromethane
Concen: 53.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

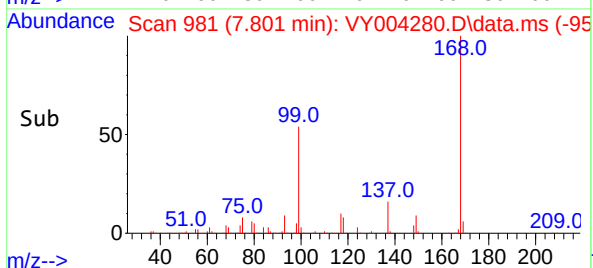
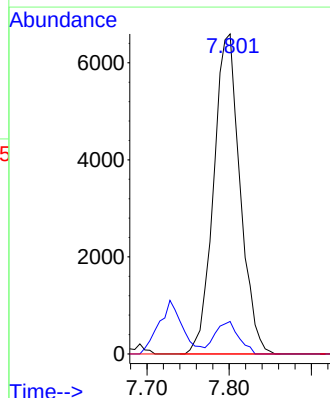
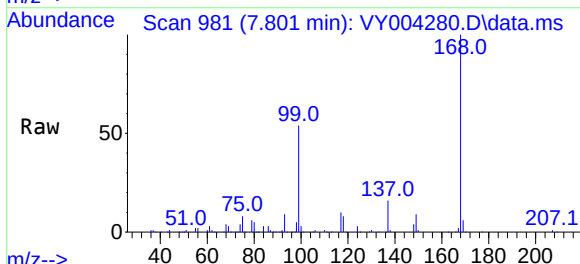
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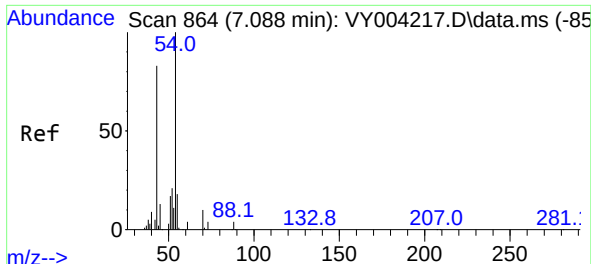
Tgt Ion:	113	Resp:	93467
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	124.0
192	19.5	16.4	24.6



#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion:	75	Resp:	14727
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 4.37 ug/l

RT: 7.002 min Scan# 850

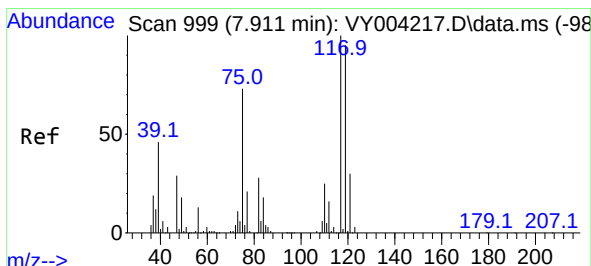
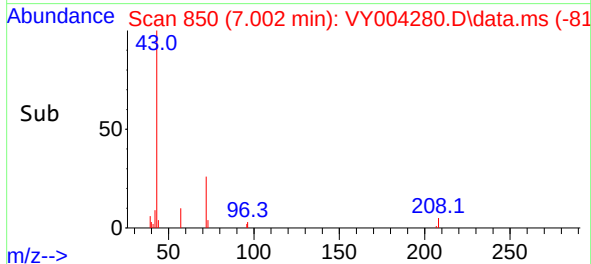
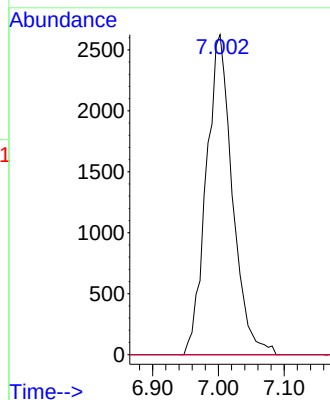
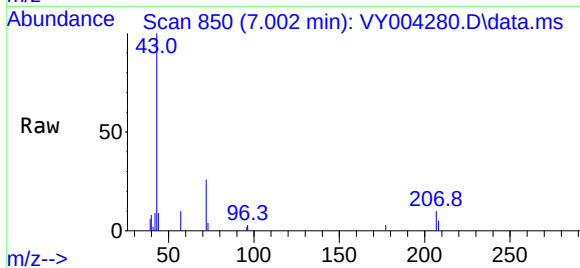
Delta R.T. -0.086 min

Lab File: VY004280.D

Acq: 05 Apr 2021 13:34

Instrument :
MSVOA_Y
ClientSampled :
TS-2

Tgt Ion:	43	Resp:	7275
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	0.0	8.0	12.0#



#38

Carbon Tetrachloride

Concen: 7.76 ug/l

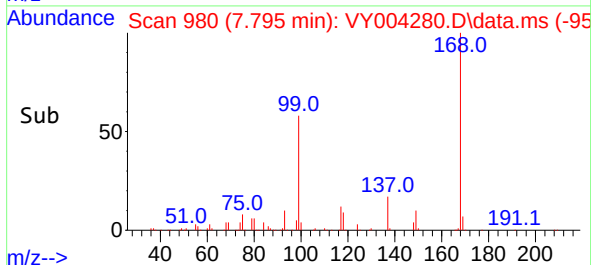
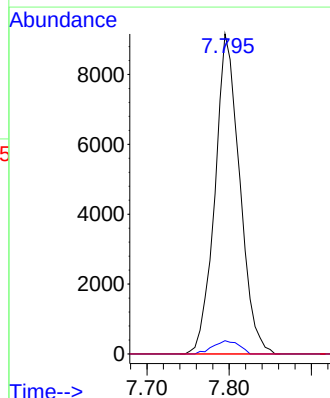
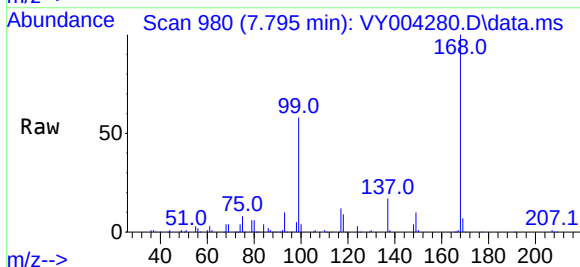
RT: 7.795 min Scan# 980

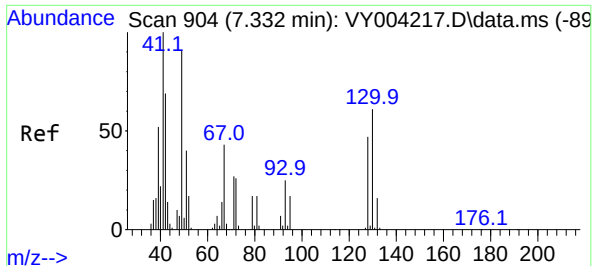
Delta R.T. -0.116 min

Lab File: VY004280.D

Acq: 05 Apr 2021 13:34

Tgt Ion:	117	Resp:	19158
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.6	113.4#
121	0.0	24.3	36.5#

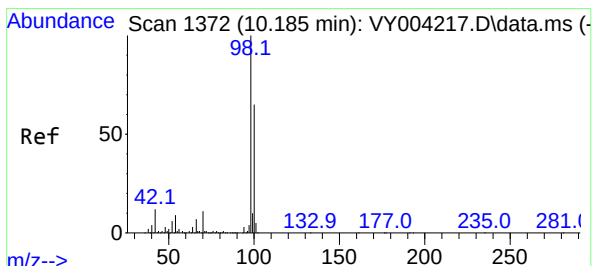
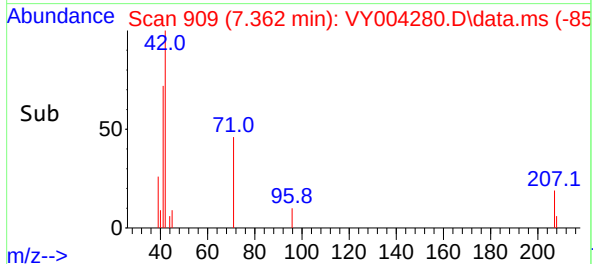
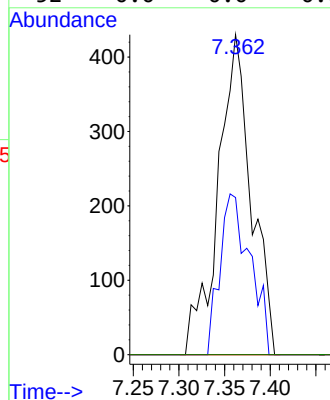
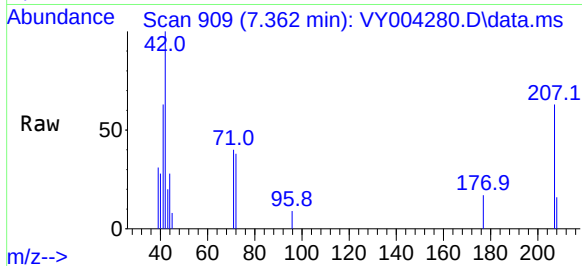




#41
Methacrylonitrile
Concen: 1.18 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.030 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

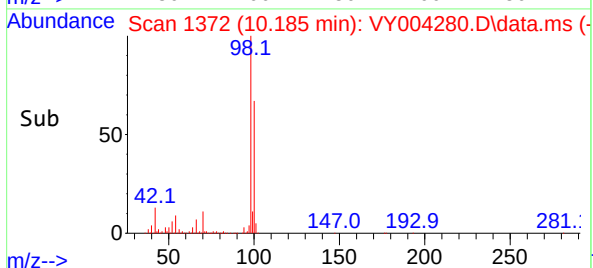
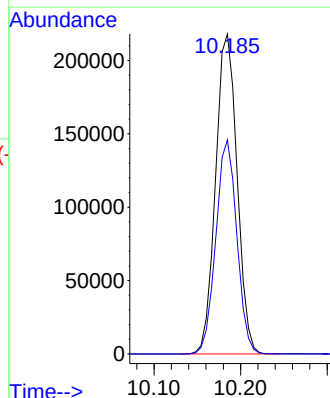
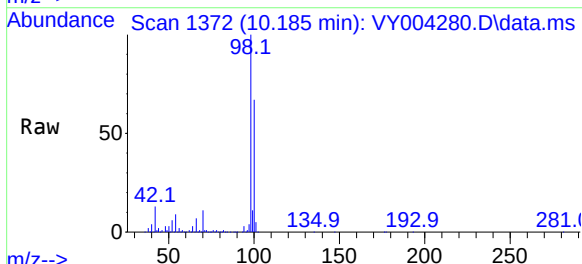
Instrument :
MSVOA_Y
ClientSampled :
TS-2

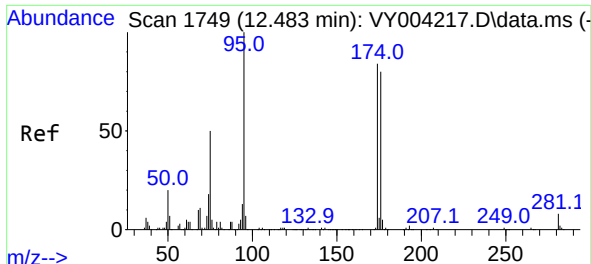
Tgt Ion: 41 Resp: 1088
Ion Ratio Lower Upper
41 100
39 45.6 103.4 155.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 57.62 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 98 Resp: 375628
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



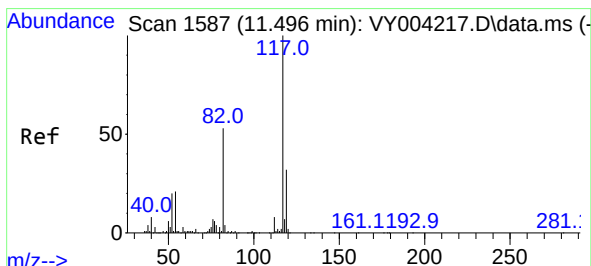
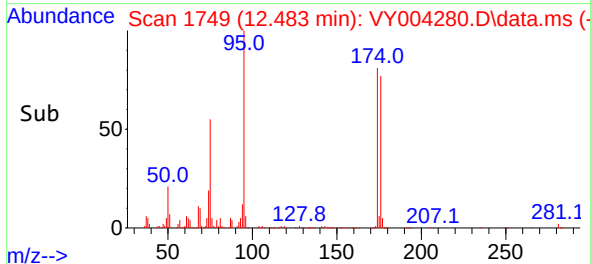
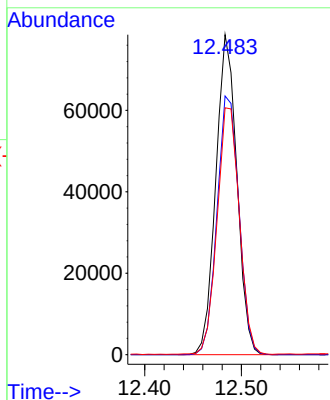
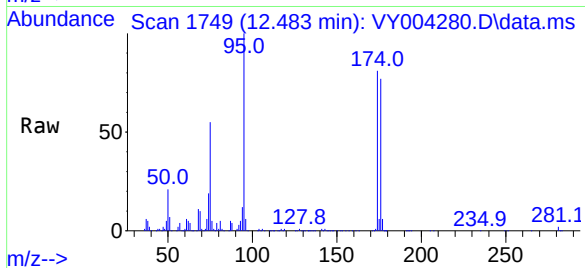


#62
4-Bromofluorobenzene
Concen: 53.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Instrument :
MSVOA_Y
ClientSampled :
TS-2

Tgt Ion: 95 Resp: 118645

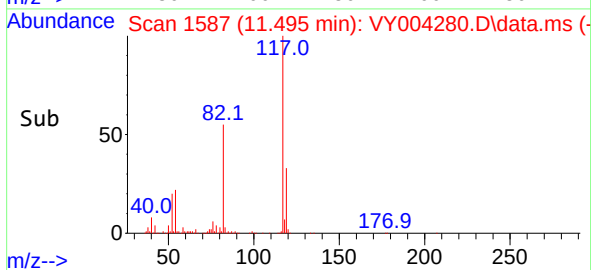
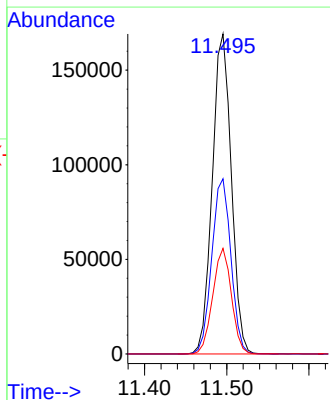
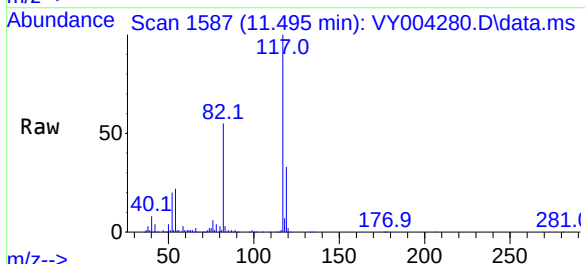
Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	171.4
176	81.5	0.0	165.6

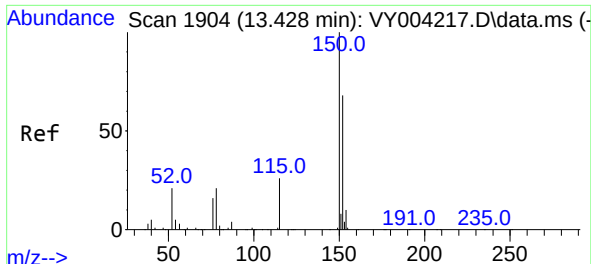


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 117 Resp: 272116

Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.7	64.1
119	33.0	25.7	38.5

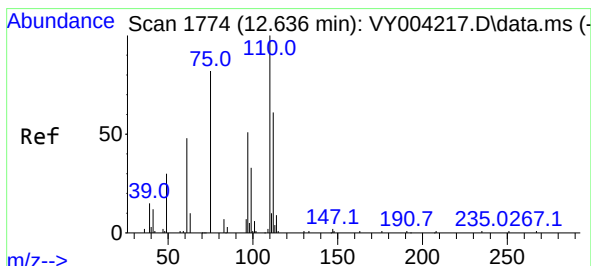
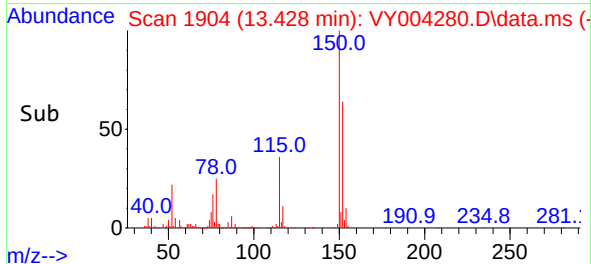
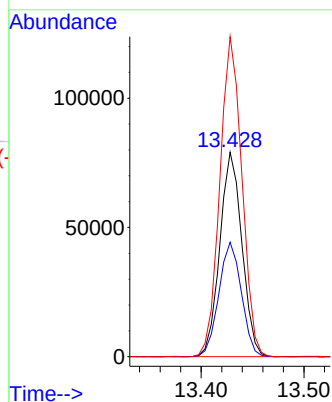
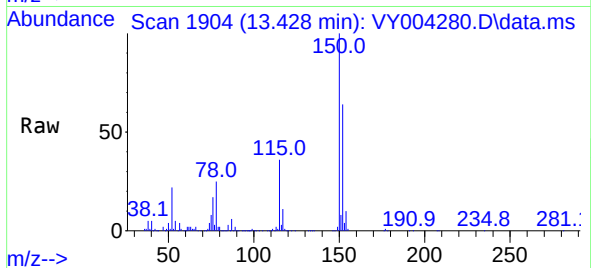




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

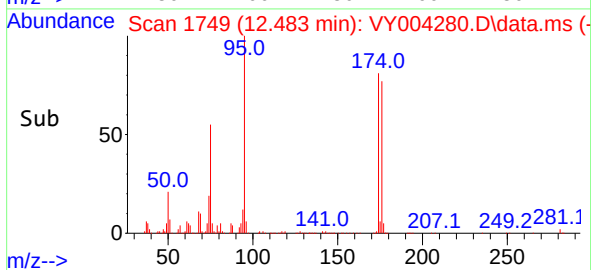
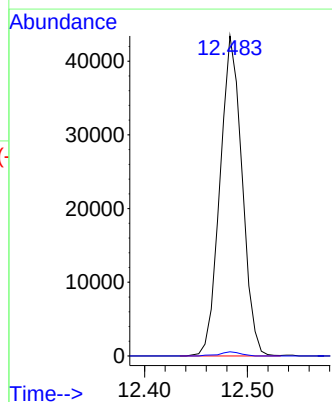
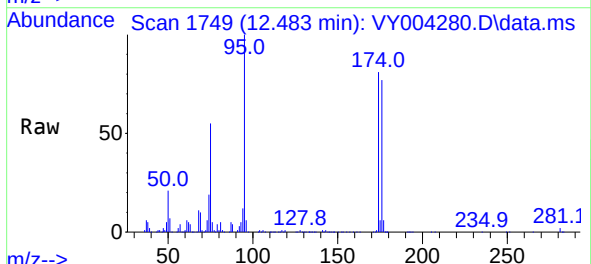
Instrument :
MSVOA_Y
ClientSampled :
TS-2

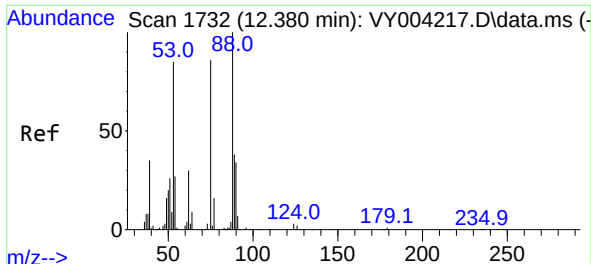
Tgt Ion:152 Resp: 118075
Ion Ratio Lower Upper
152 100
115 57.2 29.0 87.1
150 156.2 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 60.46 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Tgt Ion: 75 Resp: 64827
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

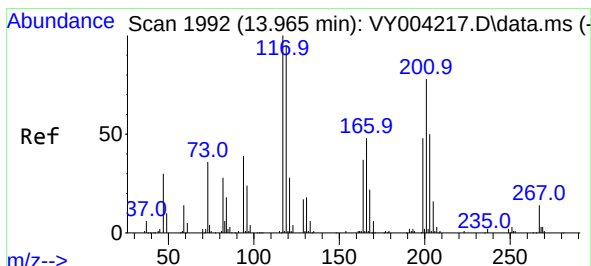
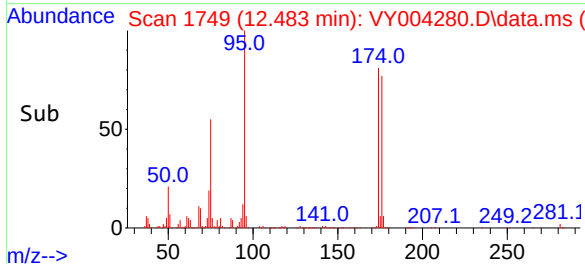
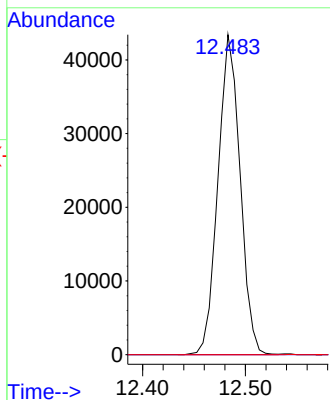
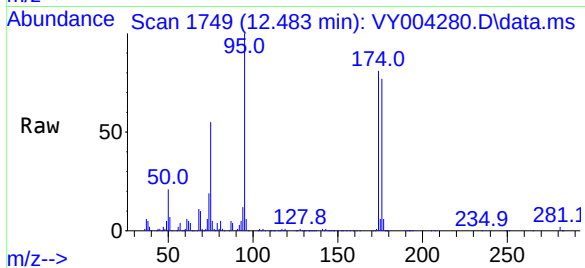




#81
trans-1,4-Dichloro-2-butene
Concen: 111.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

Instrument :
MSVOA_Y
ClientSampled :
TS-2

Tgt Ion: 75 Resp: 64827
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.0 39.4 59.2#



#90
Hexachloroethane
Concen: 7.31 ug/l
RT: 14.025 min Scan# 2002
Delta R.T. 0.060 min
Lab File: VY004280.D
Acq: 05 Apr 2021 13:34

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

