

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004240.D
 Acq On : 01 Apr 2021 12:57
 Operator : SY/MD
 Sample : M1854-02
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1S1-(0-2)

Quant Time: Apr 02 02:09:00 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)

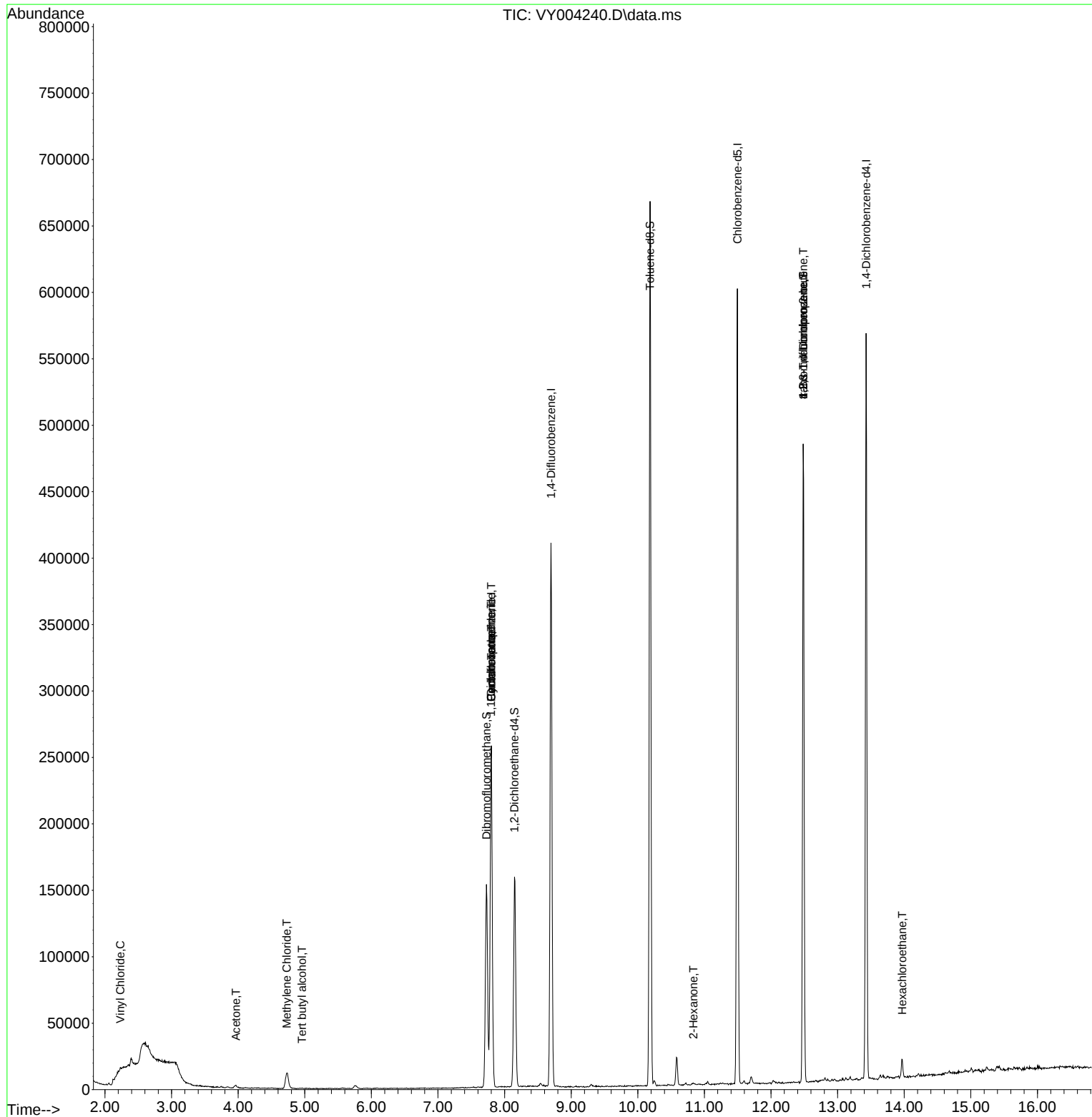
Internal Standards						
1) Pentafluorobenzene	7.801	168	196635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	339208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	313520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122093	64.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.18%
35) Dibromofluoromethane	7.728	113	104756	55.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.86%
50) Toluene-d8	10.185	98	414172	58.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.52%
62) 4-Bromofluorobenzene	12.483	95	137243	56.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.66%
Target Compounds						Qvalue
4) Vinyl Chloride	2.229	62	7273	2.84	ug/l #	42
11) Tert butyl alcohol	4.960	59	685	4.45	ug/l #	71
13) Acrolein	3.753	56	629	Below Cal		94
16) Acetone	3.966	43	3990	10.13	ug/l	95
20) Methylene Chloride	4.729	84	8449	1.96	ug/l	96
31) Cyclohexane	7.801	56	4439	1.33	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	15235	4.92	ug/l #	50
38) Carbon Tetrachloride	7.801	117	18841	7.00	ug/l #	17
49) 1,4-Dioxane	9.301	88	1002	Below Cal	#	57
59) 2-Hexanone	10.837	43	1291	1.07	ug/l #	35
76) 1,2,3-Trichloropropane	12.483	75	75606	61.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75606	112.94	ug/l #	10
90) Hexachloroethane	13.971	117	53	7.34	ug/l #	12

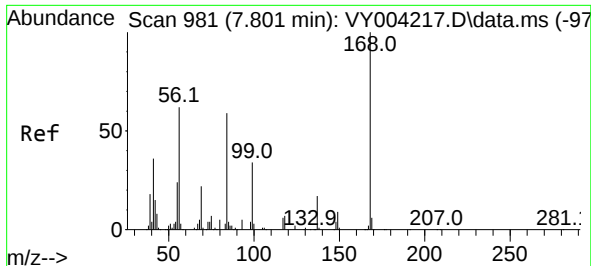
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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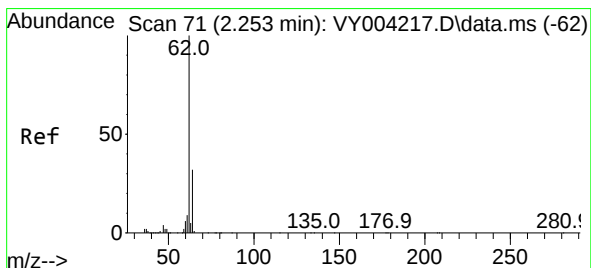
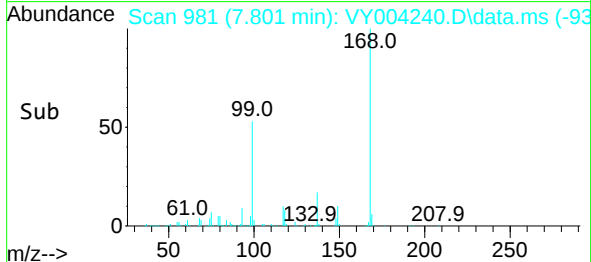
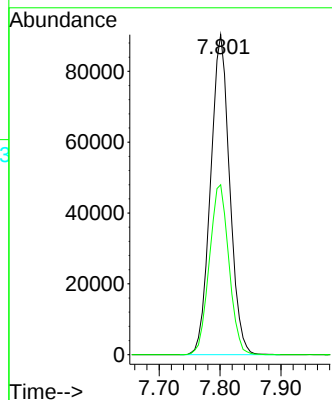
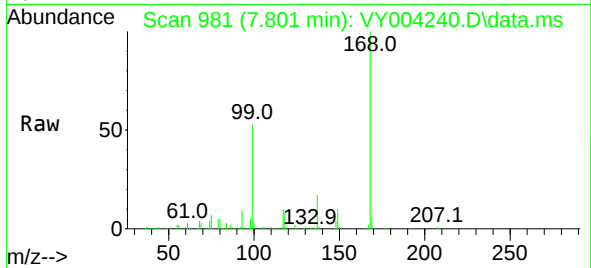




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

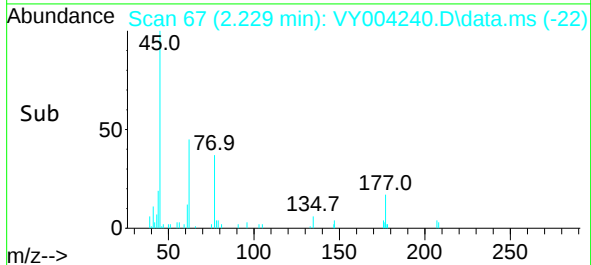
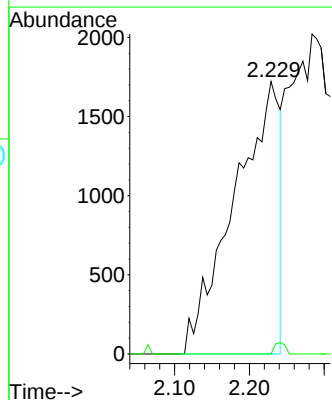
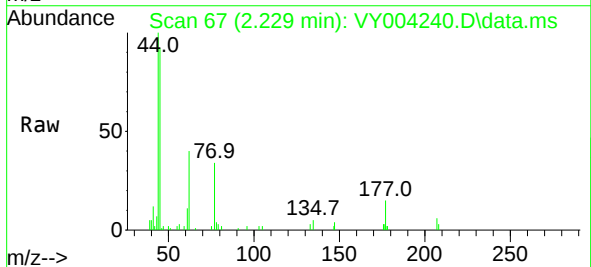
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S1-(0-2)

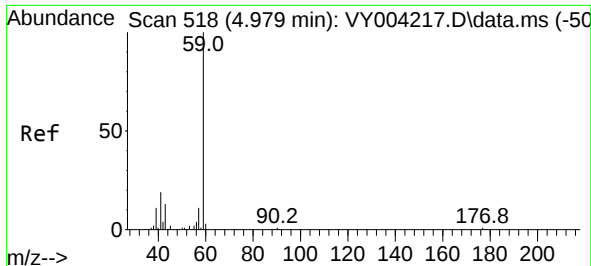
Tgt Ion:168 Resp: 196635
Ion Ratio Lower Upper
168 100
99 53.1 42.6 64.0



#4
Vinyl Chloride
Concen: 2.84 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.024 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Tgt Ion: 62 Resp: 7273
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#



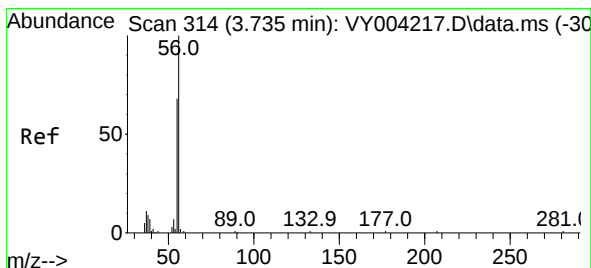
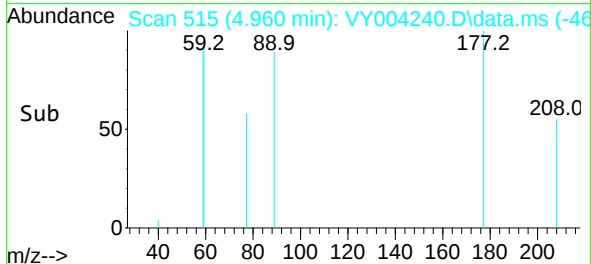
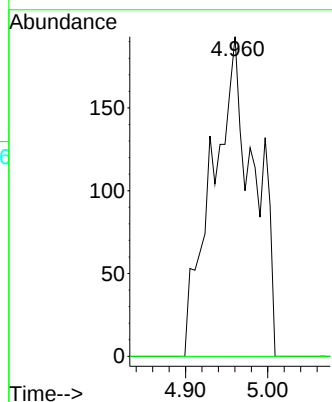
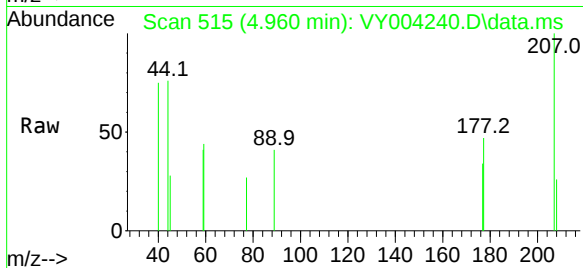


#11

Tert butyl alcohol
Concen: 4.45 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Instrument :
MSVOA_Y
ClientSampled :
TP-1S1-(0-2)

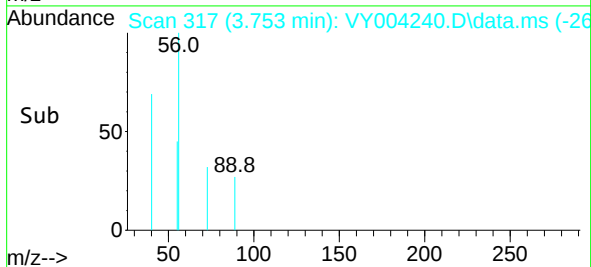
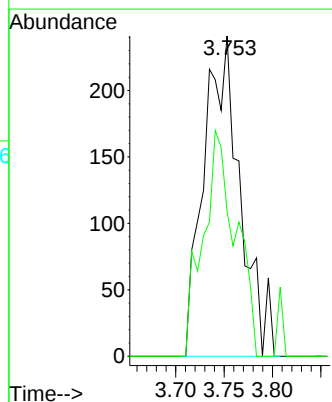
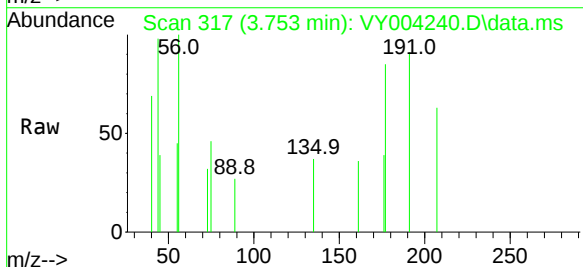
Tgt Ion: 59 Resp: 685
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

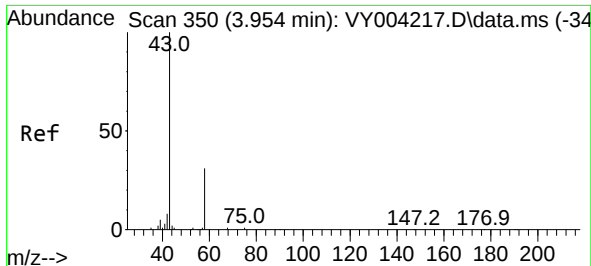


#13

Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 317
Delta R.T. 0.018 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Tgt Ion: 56 Resp: 629
Ion Ratio Lower Upper
56 100
55 63.6 55.0 82.4

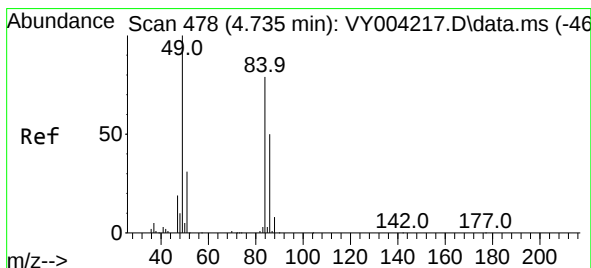
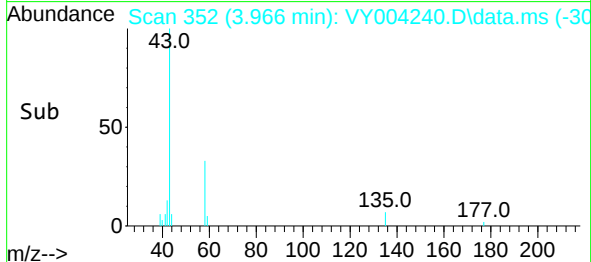
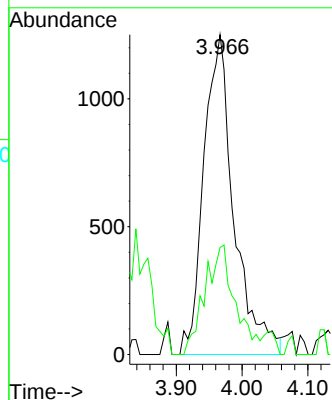
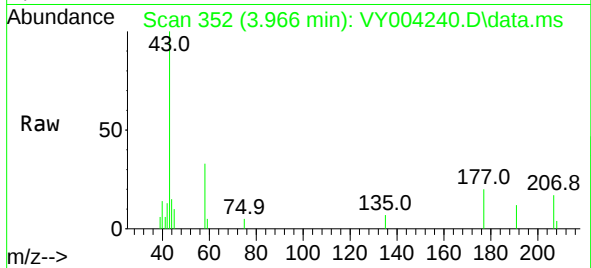




#16
Acetone
Concen: 10.13 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

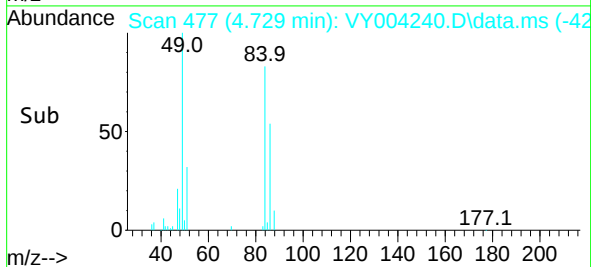
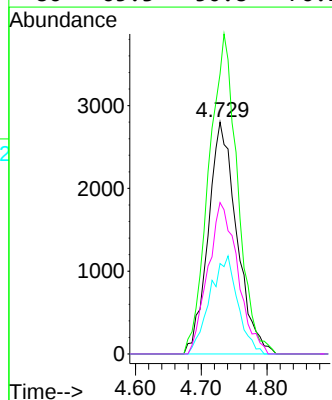
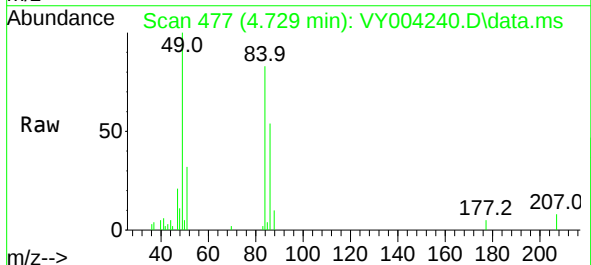
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S1-(0-2)

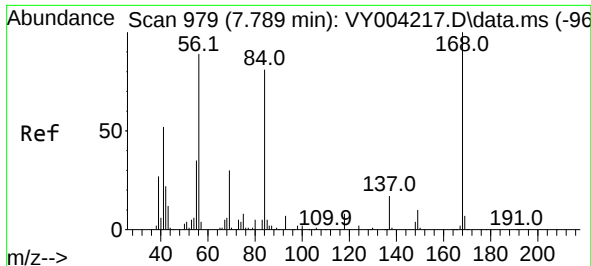
Tgt Ion: 43 Resp: 3990
Ion Ratio Lower Upper
43 100
58 33.4 24.5 36.7



#20
Methylene Chloride
Concen: 1.96 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Tgt Ion: 84 Resp: 8449
Ion Ratio Lower Upper
84 100
49 120.8 101.5 152.3
51 39.0 31.5 47.3
86 65.3 50.8 76.2

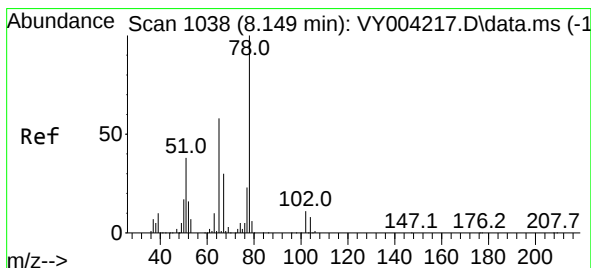
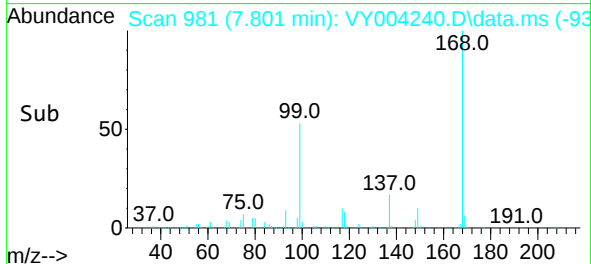
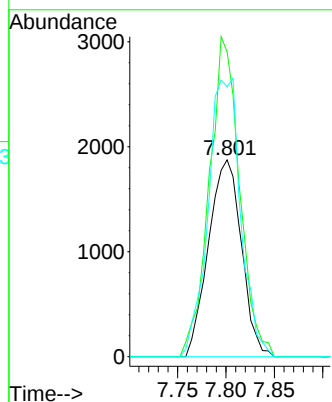
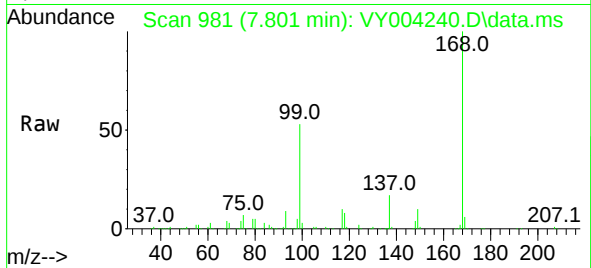




#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

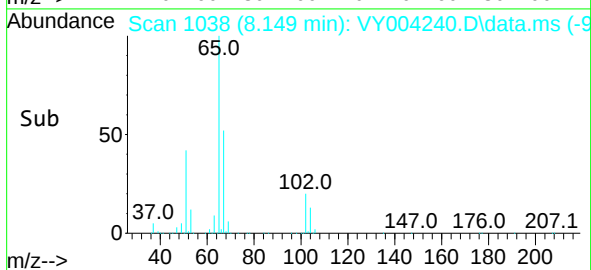
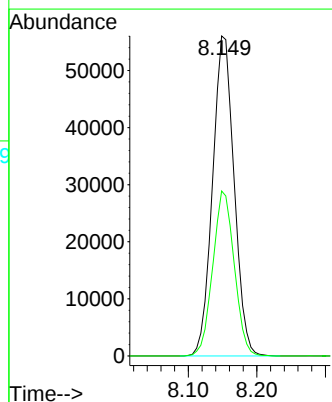
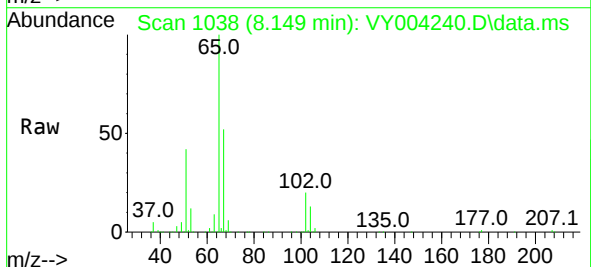
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TP-1S1-(0-2)

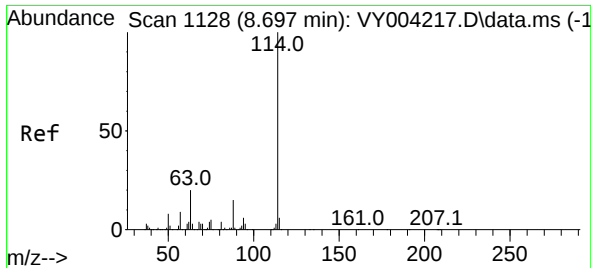
Tgt Ion: 56 Resp: 4439
Ion Ratio Lower Upper
56 100
69 155.0 26.6 40.0#
84 137.2 72.3 108.5#



#33
1,2-Dichloroethane-d4
Concen: 64.59 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Tgt Ion: 65 Resp: 122093
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.2

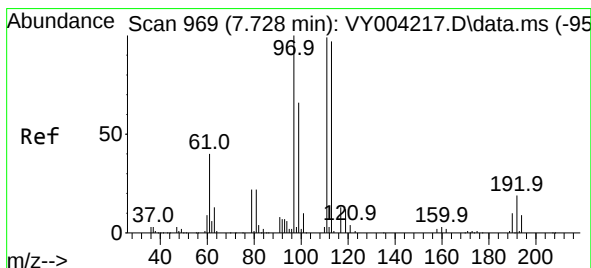
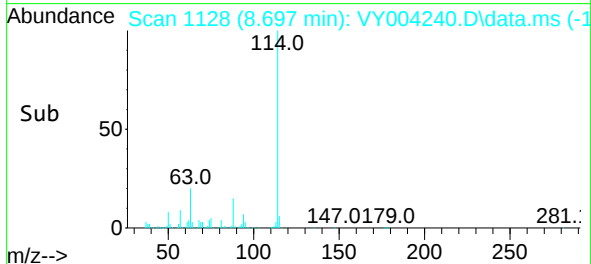
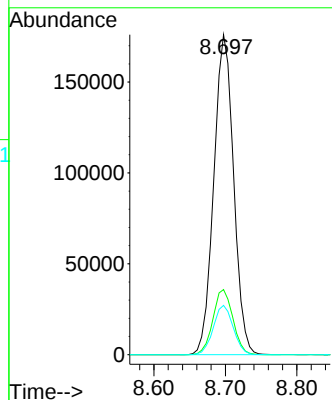
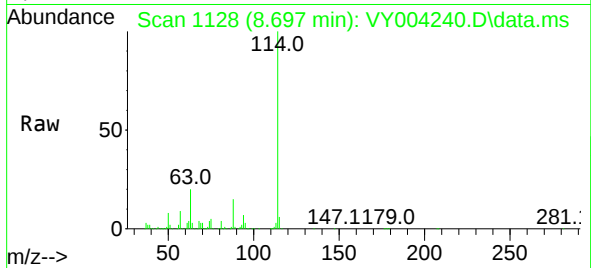




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

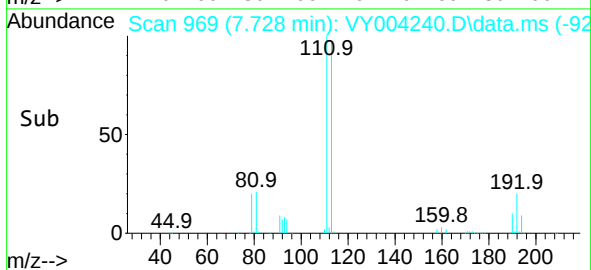
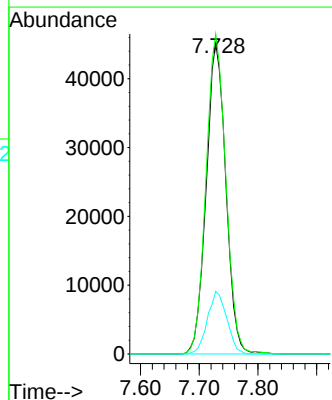
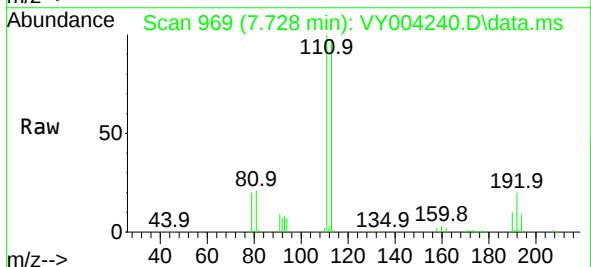
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S1-(0-2)

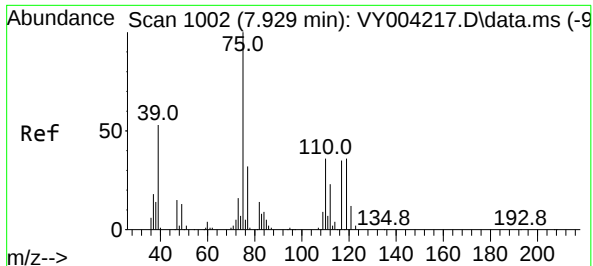
Tgt Ion:	114	Resp:	339208
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.4
88	15.4	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.43 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Tgt Ion:	113	Resp:	104756
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	124.0
192	19.8	16.4	24.6





#36

1,1-Dichloropropene

Concen: 4.92 ug/l

RT: 7.795 min Scan# 980

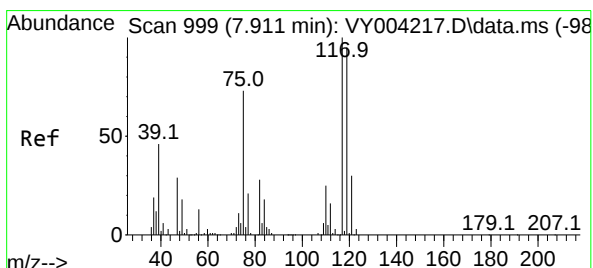
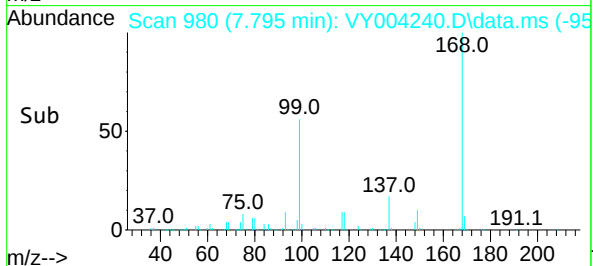
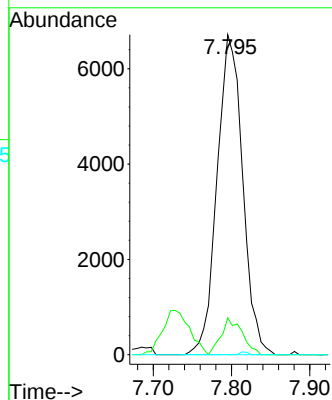
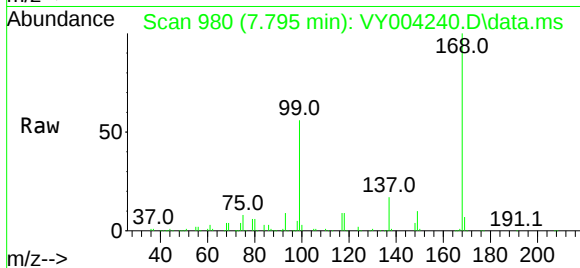
Delta R.T. -0.134 min

Lab File: VY004240.D

Acq: 01 Apr 2021 12:57

Tgt Ion:	75	Resp:	15235
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.3#
77	0.3	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampleId :
TP-1S1-(0-2)



#38

Carbon Tetrachloride

Concen: 7.00 ug/l

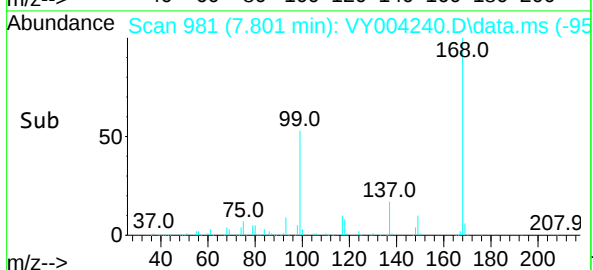
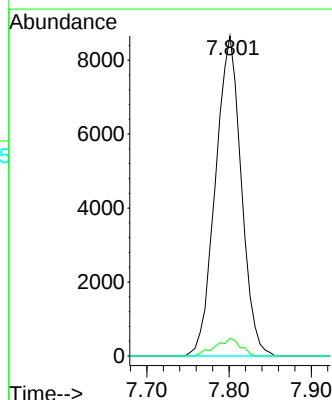
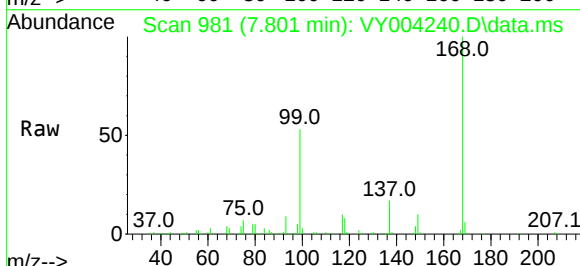
RT: 7.801 min Scan# 981

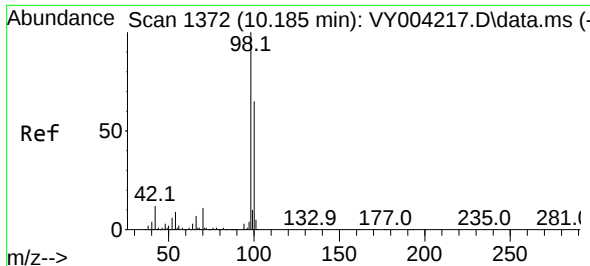
Delta R.T. -0.110 min

Lab File: VY004240.D

Acq: 01 Apr 2021 12:57

Tgt Ion:	117	Resp:	18841
Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.6	113.4#
121	0.0	24.3	36.5#

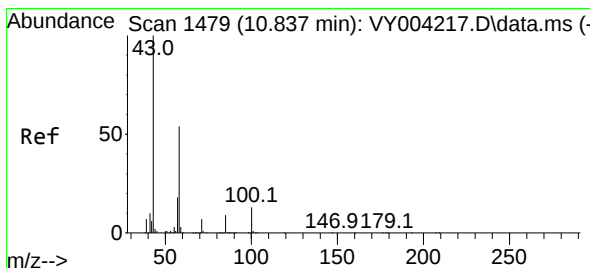
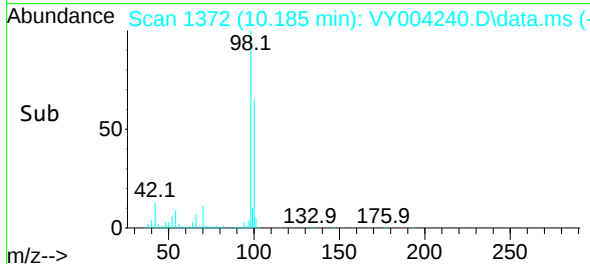
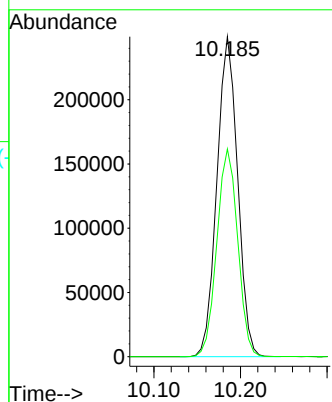
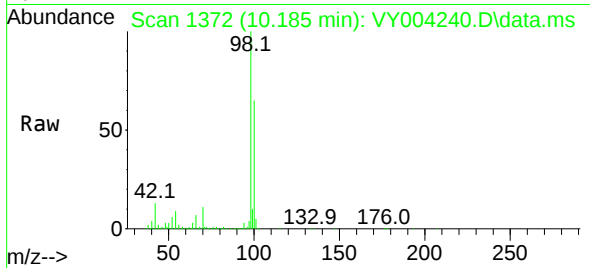




#50
Toluene-d8
Concen: 58.26 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

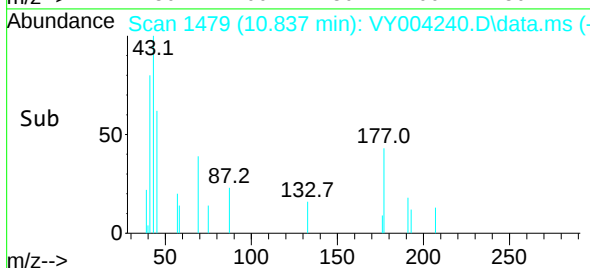
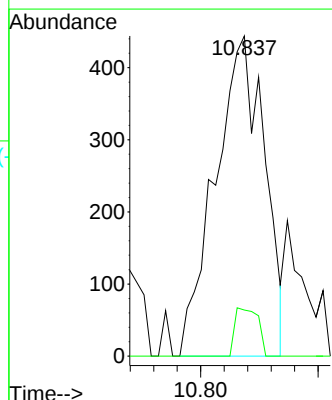
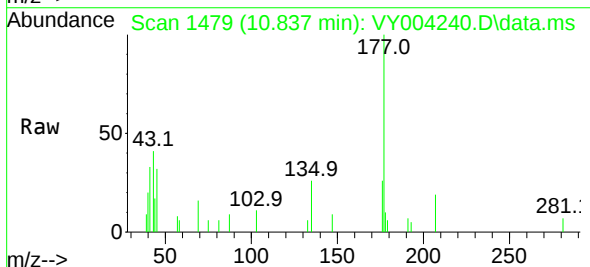
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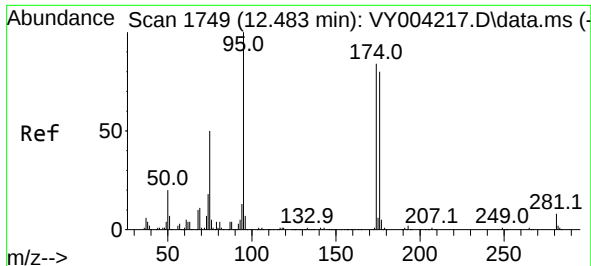
Tgt Ion: 98 Resp: 414172
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#59
2-Hexanone
Concen: 1.07 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 7.0 26.7 80.1#

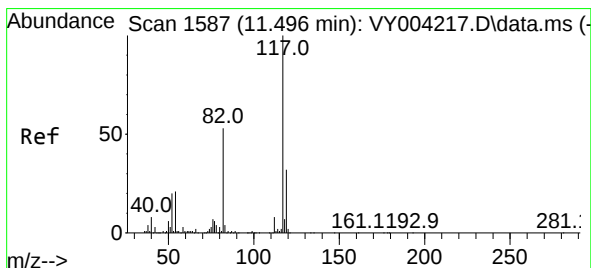
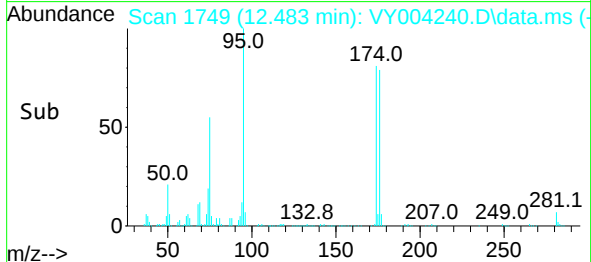
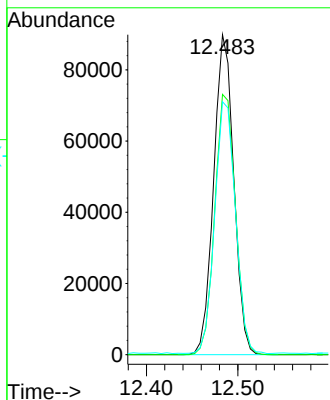
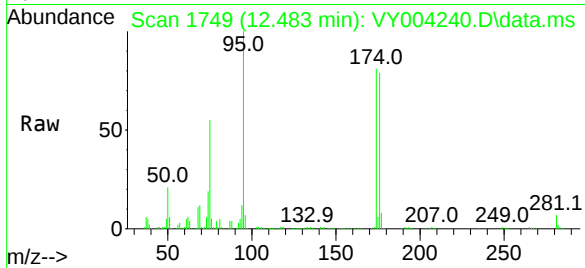




#62
4-Bromofluorobenzene
Concen: 56.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

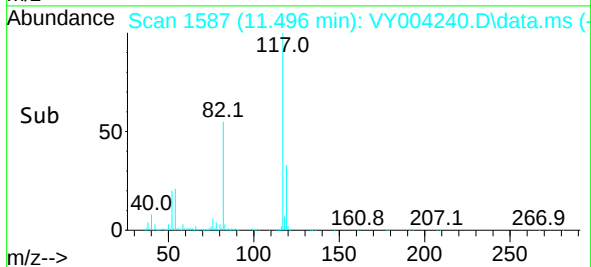
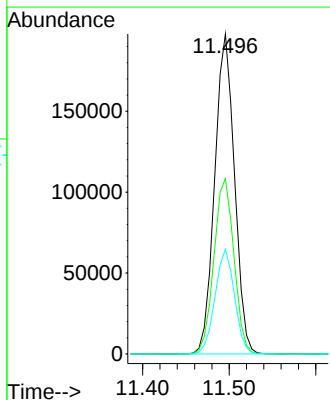
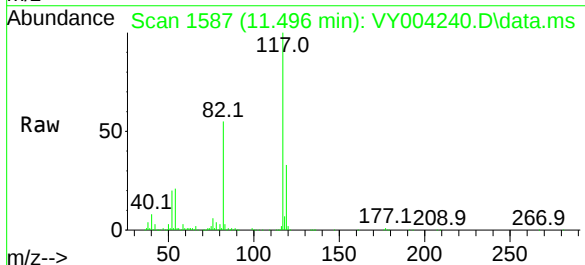
Instrument :
MSVOA_Y
ClientSampleId :
TP-1S1-(0-2)

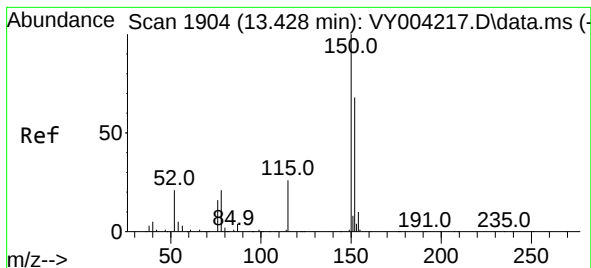
Tgt Ion: 95 Resp: 137243
Ion Ratio Lower Upper
95 100
174 84.1 0.0 171.4
176 81.3 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Tgt Ion: 117 Resp: 313520
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 32.7 25.7 38.5

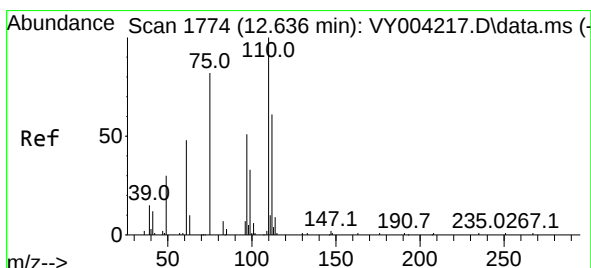
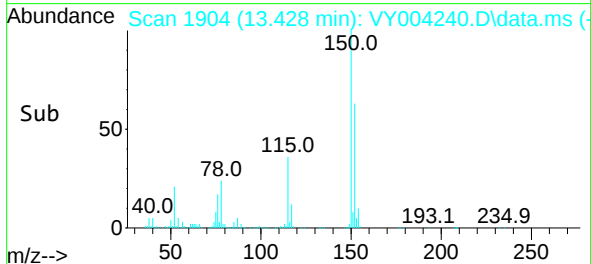
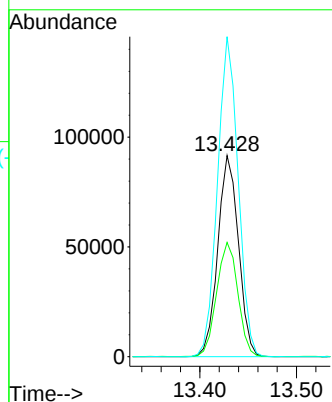
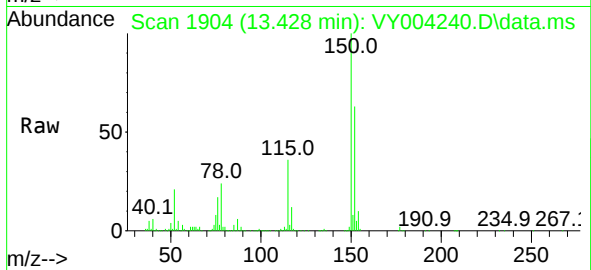




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004240.D
 Acq: 01 Apr 2021 12:57

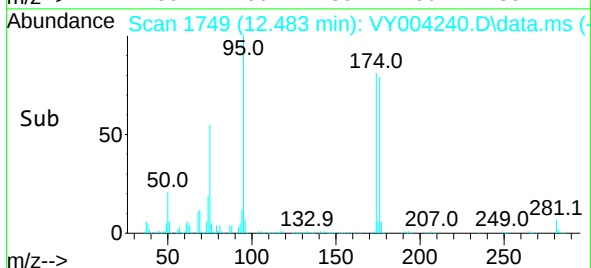
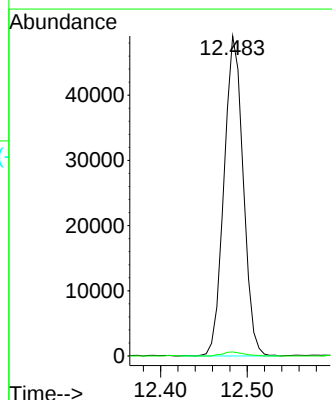
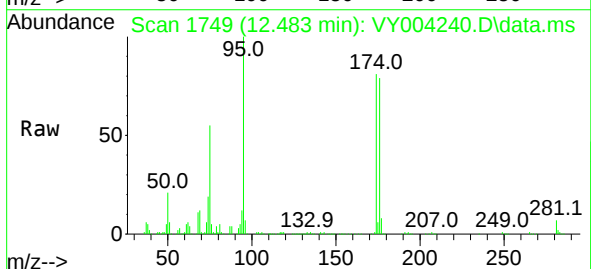
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1S1-(0-2)

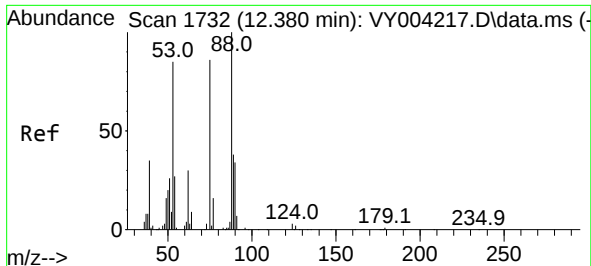
Tgt Ion:152 Resp: 135873
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.0 87.1
 150 158.9 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 61.28 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004240.D
 Acq: 01 Apr 2021 12:57

Tgt Ion: 75 Resp: 75606
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

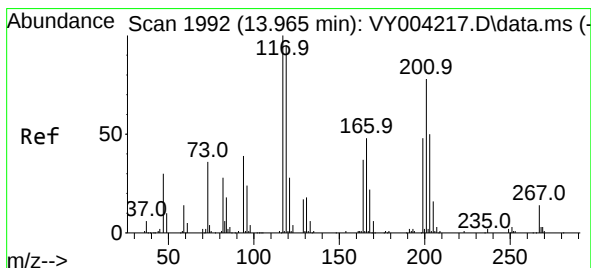
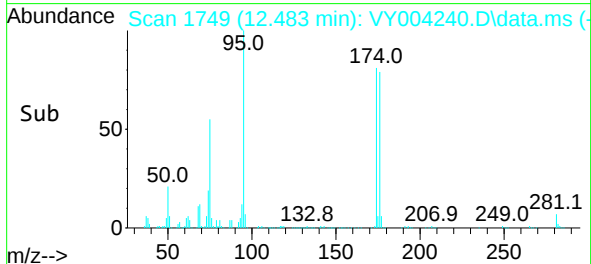
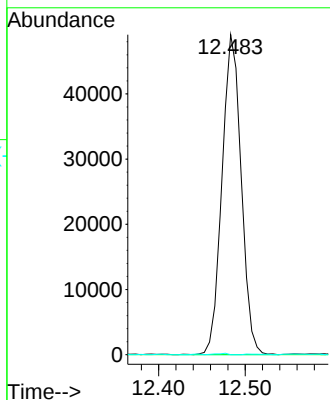
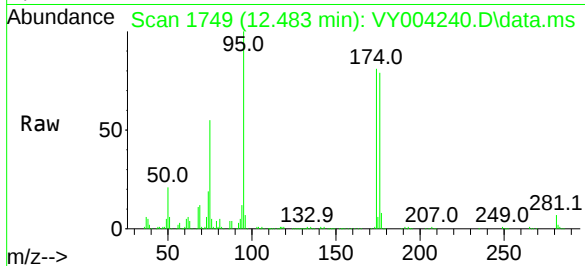




#81
trans-1,4-Dichloro-2-butene
Concen: 112.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Instrument :
MSVOA_Y
ClientSampleId :
TP-1S1-(0-2)

Tgt Ion: 75 Resp: 75606
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.3 39.4 59.2#



#90
Hexachloroethane
Concen: 7.34 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY004240.D
Acq: 01 Apr 2021 12:57

Tgt Ion: 117 Resp: 53
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#

