

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004236.D
 Acq On : 01 Apr 2021 10:42
 Operator : SY/MD
 Sample : VY0401SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

Quant Time: Apr 02 02:07:01 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)

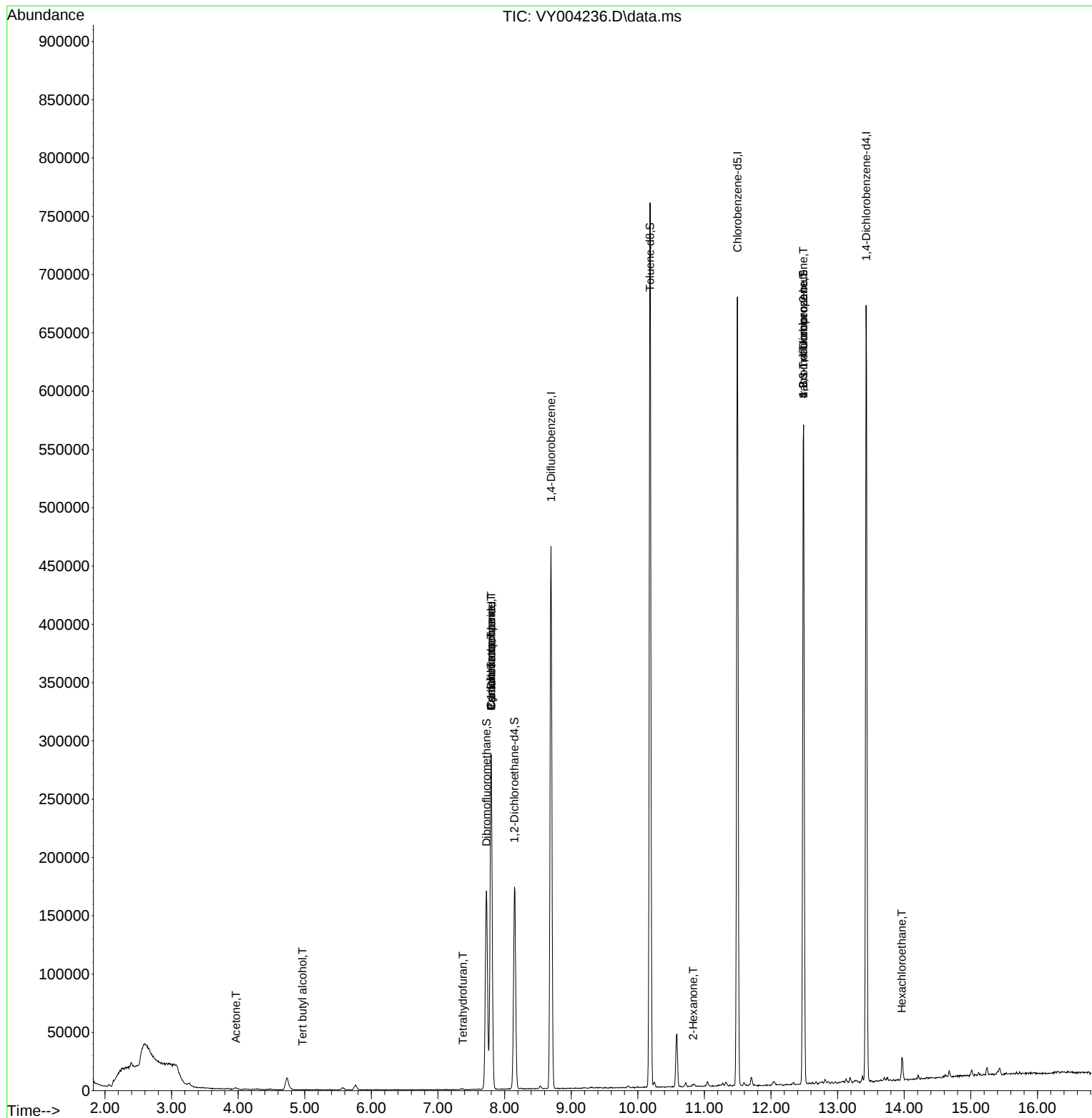
Internal Standards						
1) Pentafluorobenzene	7.801	168	224251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	387250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	355788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	134501	62.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.78%			
35) Dibromofluoromethane	7.728	113	118166	54.76	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.52%			
50) Toluene-d8	10.185	98	473985	58.41	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.82%			
62) 4-Bromofluorobenzene	12.483	95	158383	56.94	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.88%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	233	1.33	ug/l #	71
13) Acrolein	3.747	56	448	Below Cal		94
16) Acetone	3.966	43	3062	6.82	ug/l #	85
29) Tetrahydrofuran	7.374	42	813	1.54	ug/l #	43
31) Cyclohexane	7.795	56	4961	1.30	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	17362	4.91	ug/l #	49
38) Carbon Tetrachloride	7.801	117	22031	7.17	ug/l #	16
49) 1,4-Dioxane	9.319	88	665	Below Cal	#	66
59) 2-Hexanone	10.831	43	1601	1.16	ug/l #	44
76) 1,2,3-Trichloropropane	12.483	75	87315	59.36	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87315	109.41	ug/l #	10
90) Hexachloroethane	13.965	117	193	7.46	ug/l #	12

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

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Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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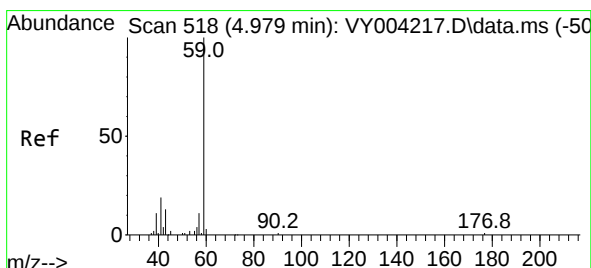
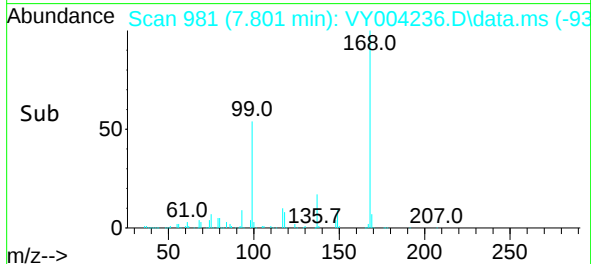
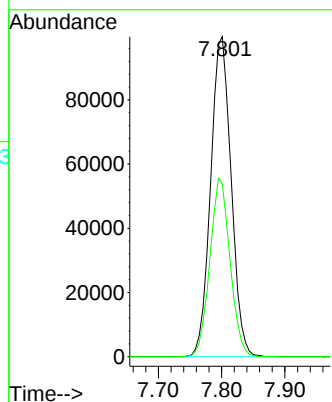
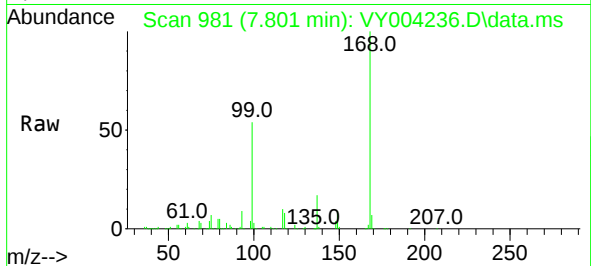




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

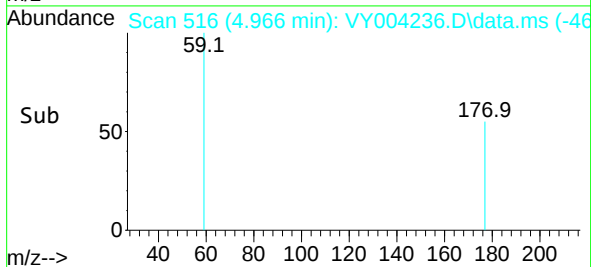
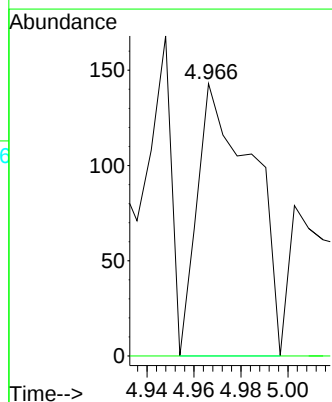
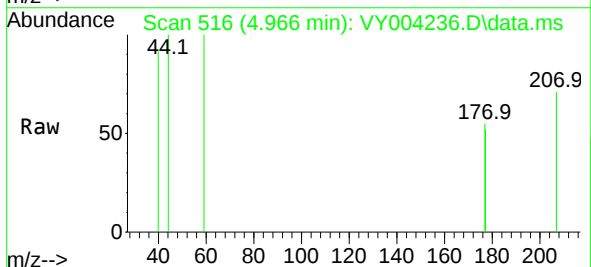
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

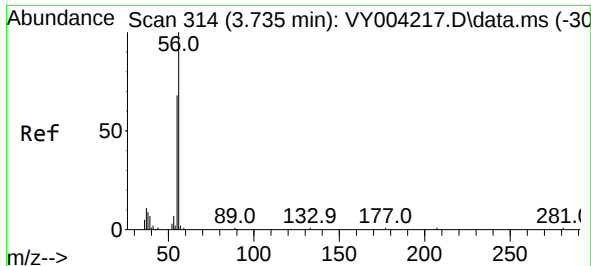
Tgt Ion:168 Resp: 224251
Ion Ratio Lower Upper
168 100
99 53.9 42.6 64.0



#11
Tert butyl alcohol
Concen: 1.33 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

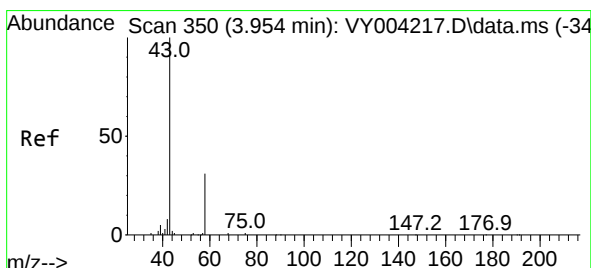
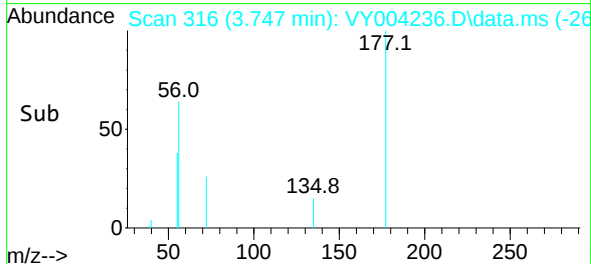
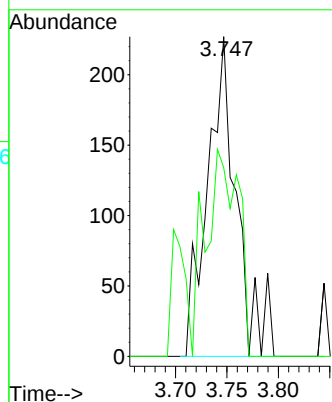
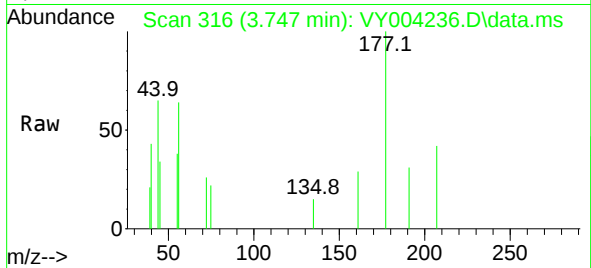




#13
Acrolein
Concen: Below Cal
RT: 3.747 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

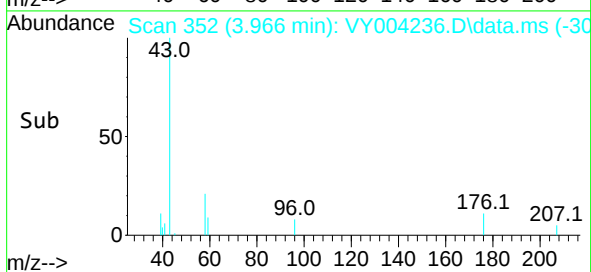
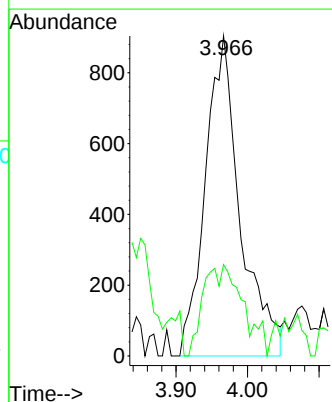
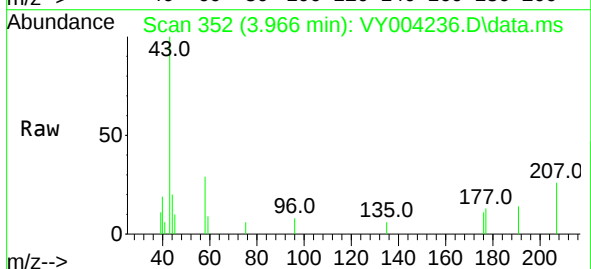
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

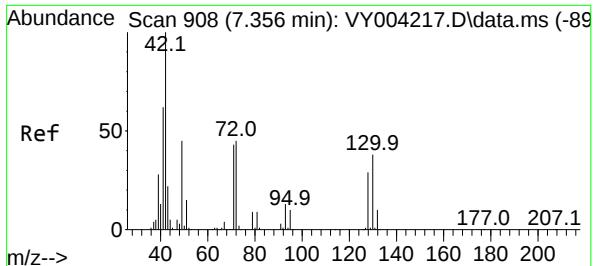
Tgt Ion: 56 Resp: 448
Ion Ratio Lower Upper
56 100
55 73.4 55.0 82.4



#16
Acetone
Concen: 6.82 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

Tgt Ion: 43 Resp: 3062
Ion Ratio Lower Upper
43 100
58 22.3 24.5 36.7#





#29

Tetrahydrofuran

Concen: 1.54 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

Lab File: VY004236.D

Acq: 01 Apr 2021 10:42

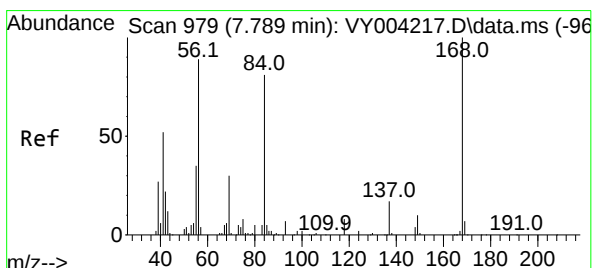
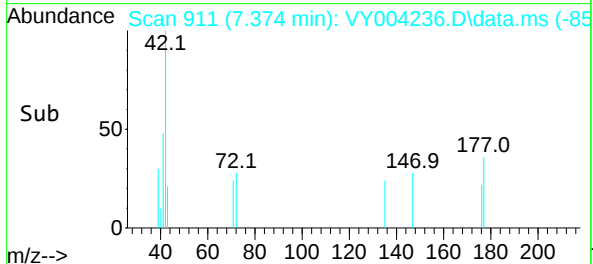
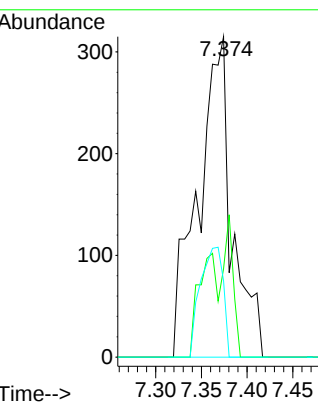
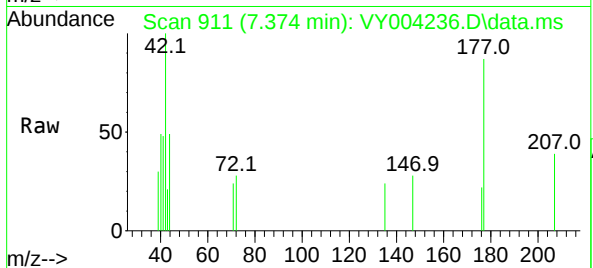
Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBL01

Tgt Ion:	42	Resp:	813
Ion	Ratio	Lower	Upper
42	100		
72	12.8	35.1	52.7#
71	0.0	32.9	49.3#



#31

Cyclohexane

Concen: 1.30 ug/l

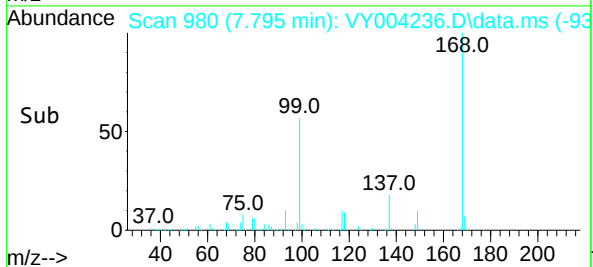
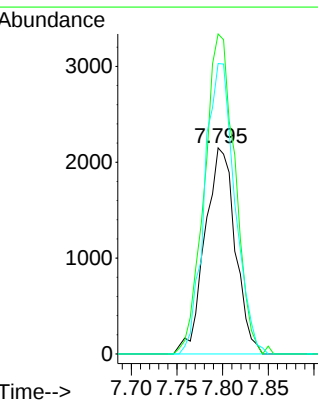
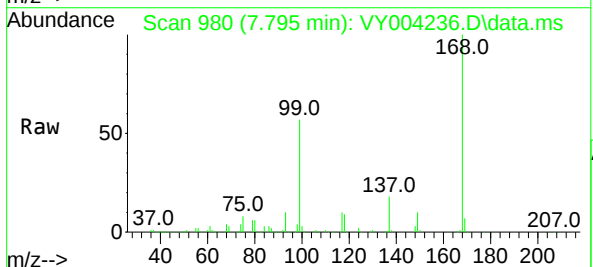
RT: 7.795 min Scan# 980

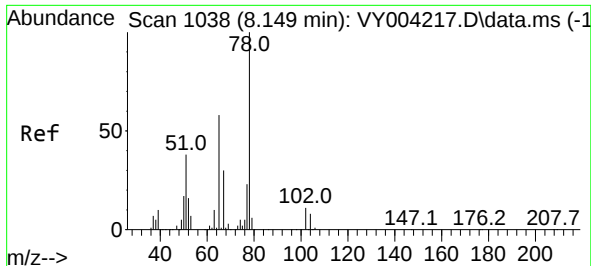
Delta R.T. 0.006 min

Lab File: VY004236.D

Acq: 01 Apr 2021 10:42

Tgt Ion:	56	Resp:	4961
Ion	Ratio	Lower	Upper
56	100		
69	155.3	26.6	40.0#
84	140.9	72.3	108.5#

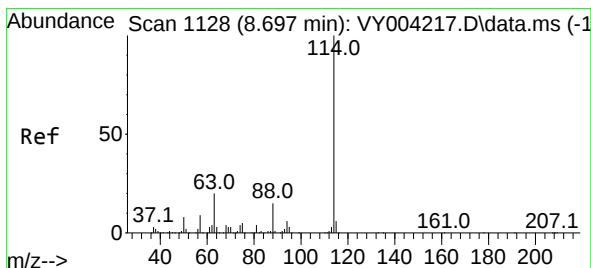
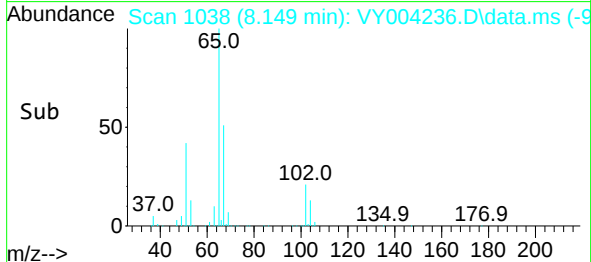
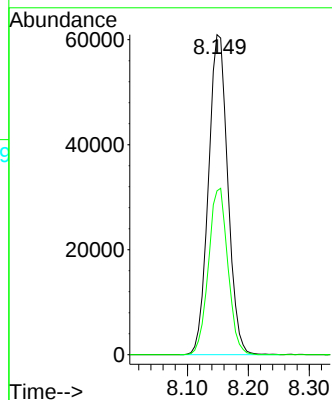
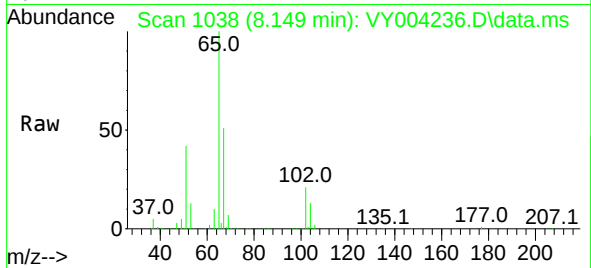




#33
1,2-Dichloroethane-d4
Concen: 62.39 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

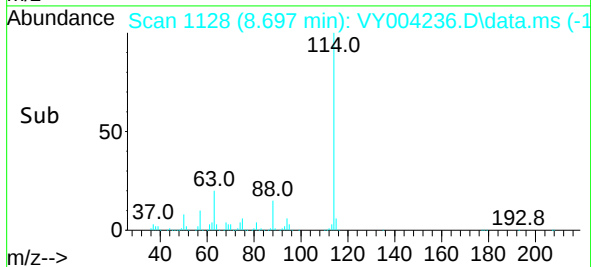
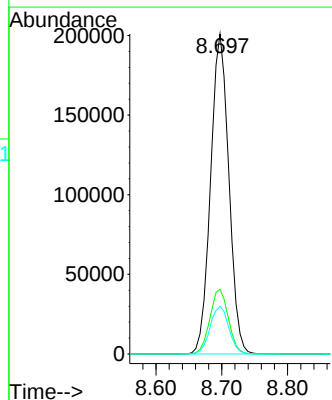
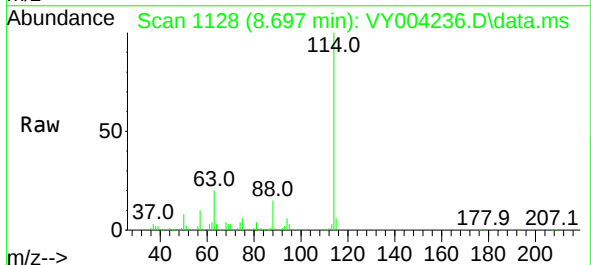
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

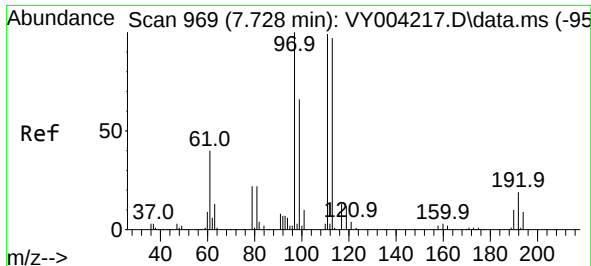
Tgt Ion: 65 Resp: 134501
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

Tgt Ion: 114 Resp: 387250
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.4
88 14.9 0.0 30.8

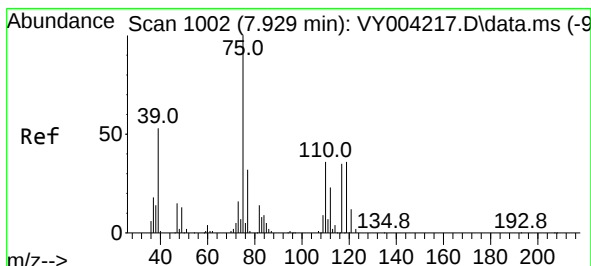
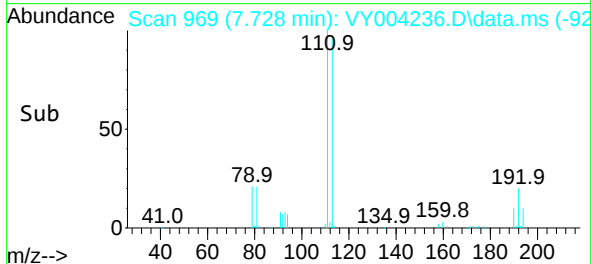
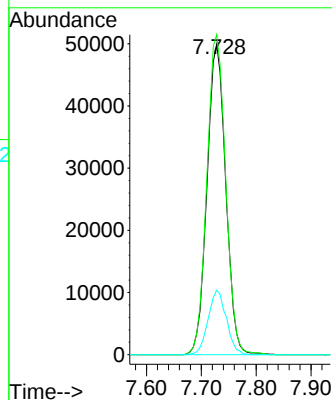
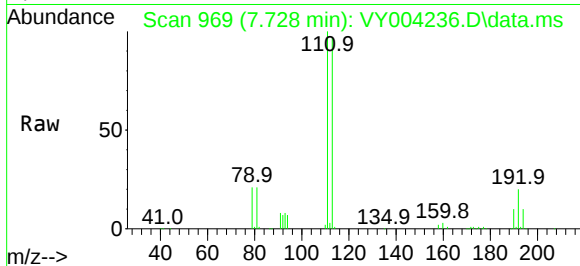




#35
Dibromofluoromethane
Concen: 54.76 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

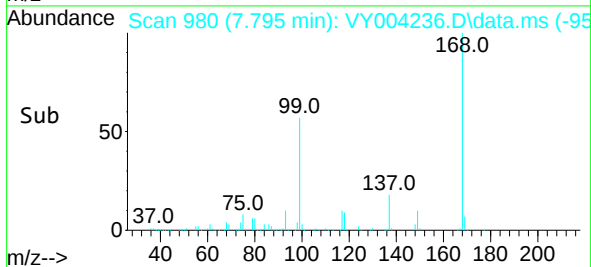
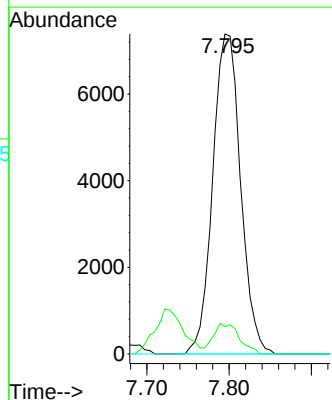
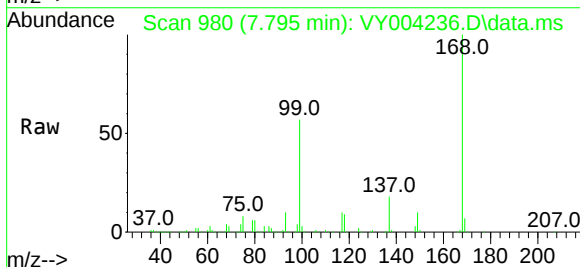
Instrument :
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ClientSampleId :
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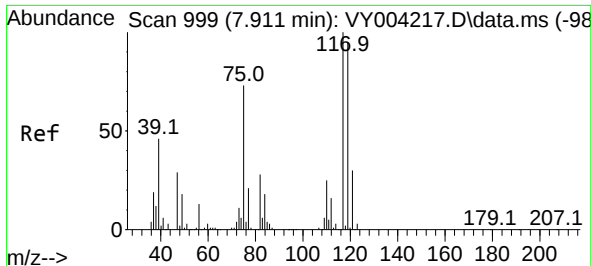
Tgt Ion:113 Resp: 118166
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 20.2 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.91 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

Tgt Ion: 75 Resp: 17362
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.3#
77 0.0 25.1 37.7#

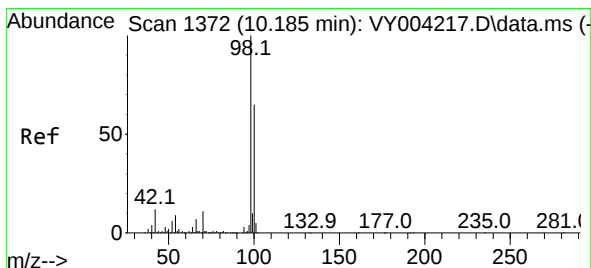
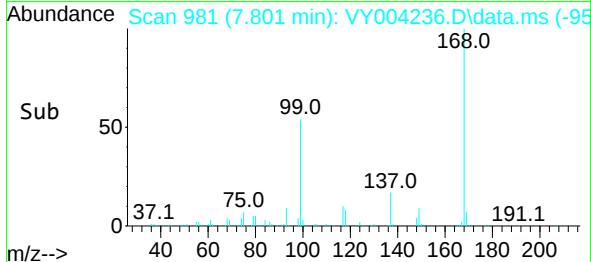
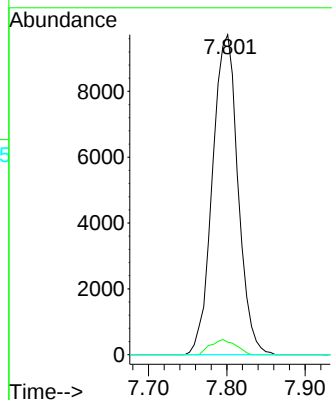
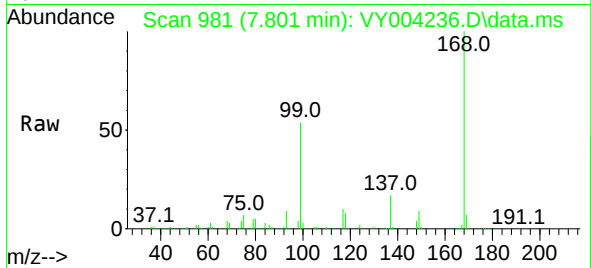




#38
Carbon Tetrachloride
Concen: 7.17 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

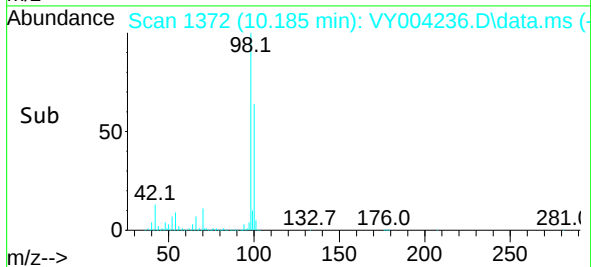
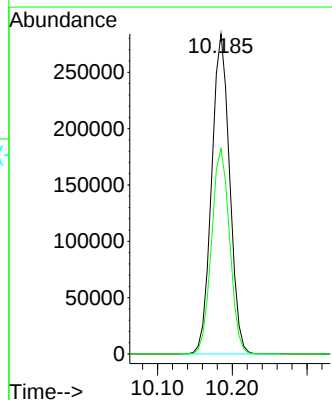
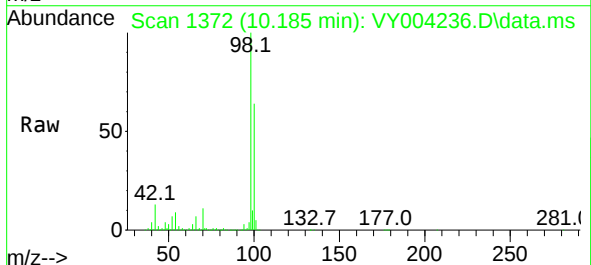
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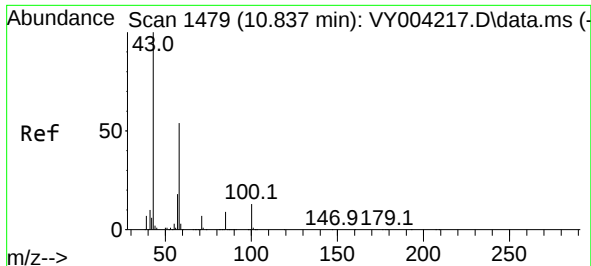
Tgt Ion:117 Resp: 22031
Ion Ratio Lower Upper
117 100
119 3.9 75.6 113.4#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 58.41 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

Tgt Ion: 98 Resp: 473985
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7

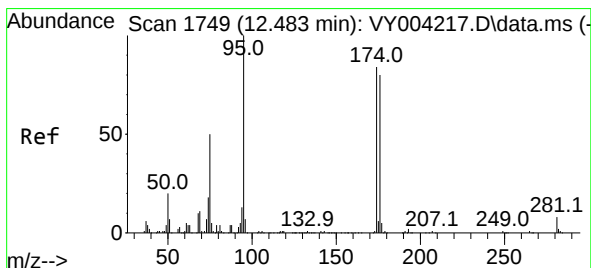
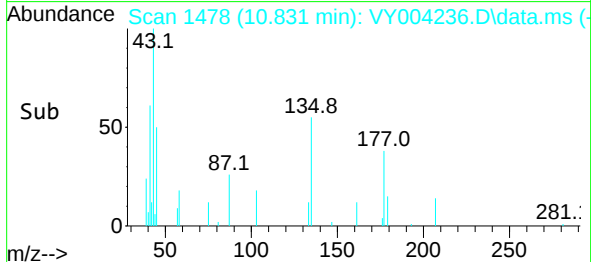
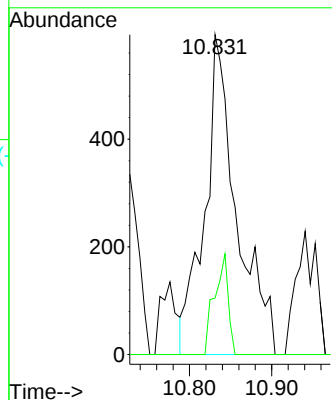
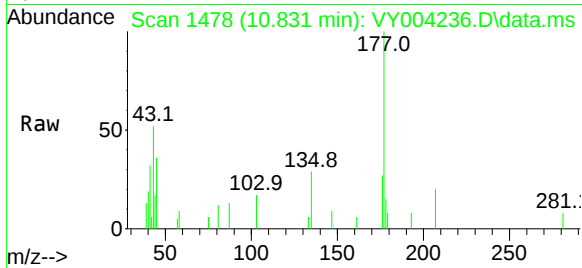




#59
2-Hexanone
Concen: 1.16 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

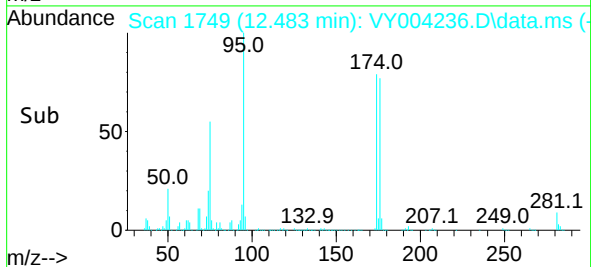
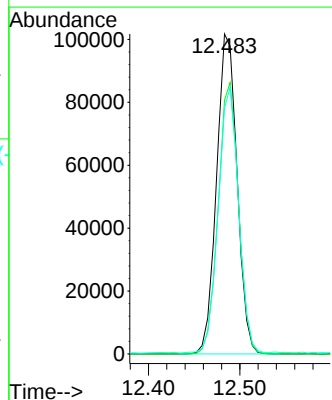
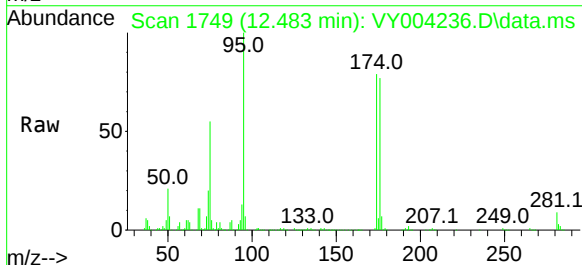
Instrument :
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ClientSampleId :
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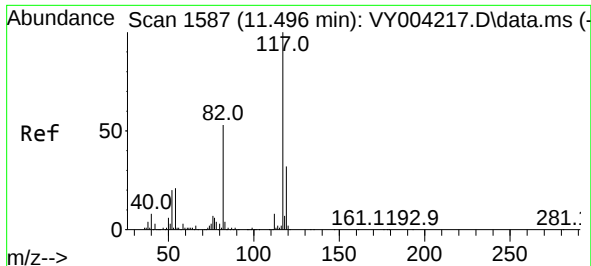
Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 13.6 26.7 80.1#



#62
4-Bromofluorobenzene
Concen: 56.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

Tgt Ion: 95 Resp: 158383
Ion Ratio Lower Upper
95 100
174 84.3 0.0 171.4
176 82.3 0.0 165.6

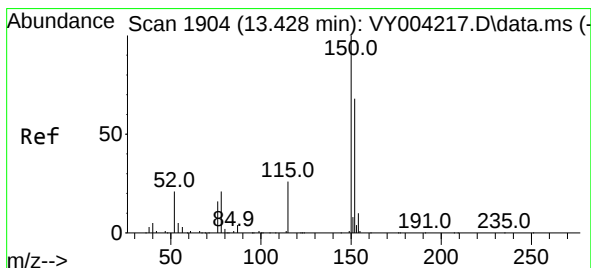
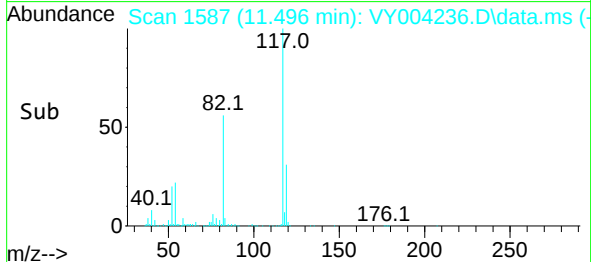
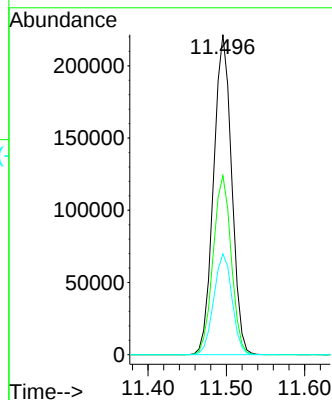
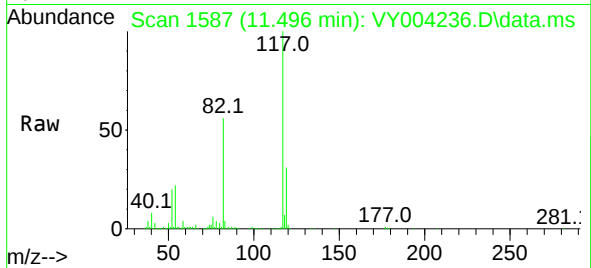




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

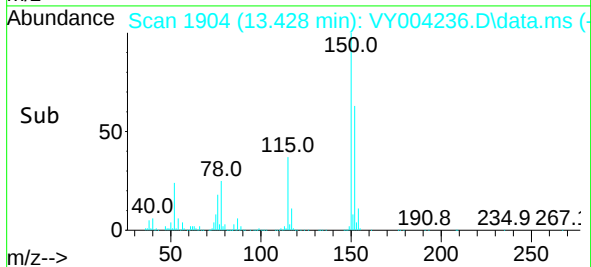
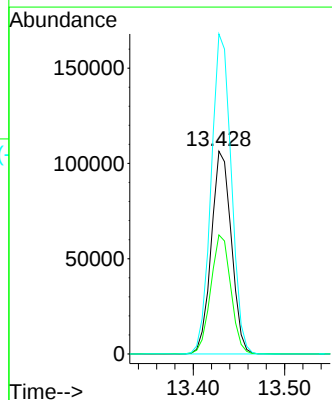
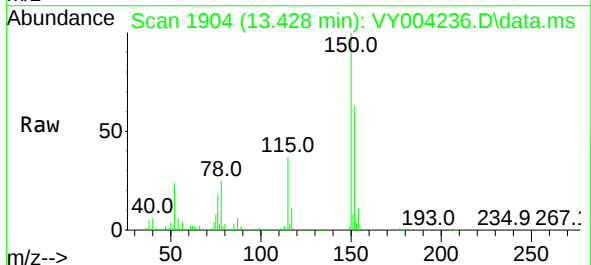
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

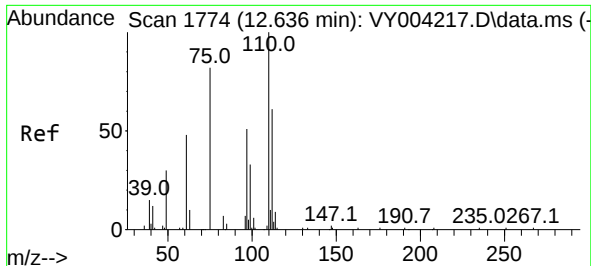
Tgt Ion:117 Resp: 355788
Ion Ratio Lower Upper
117 100
82 55.9 42.7 64.1
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

Tgt Ion:152 Resp: 161981
Ion Ratio Lower Upper
152 100
115 58.5 29.0 87.1
150 158.3 0.0 347.4

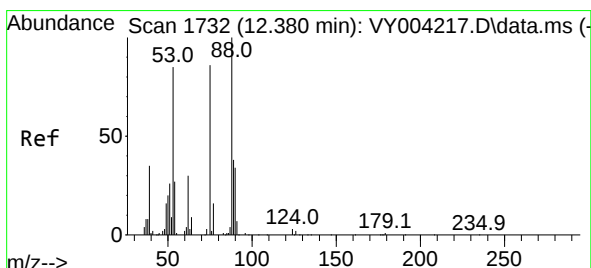
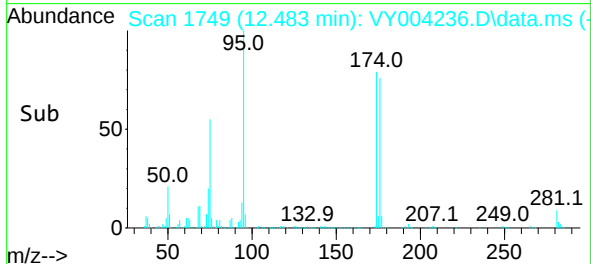
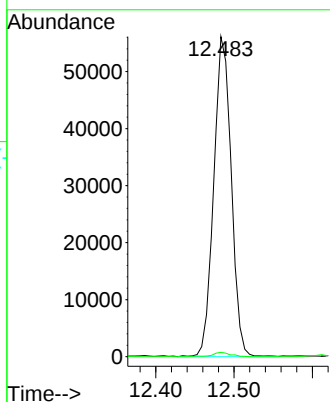
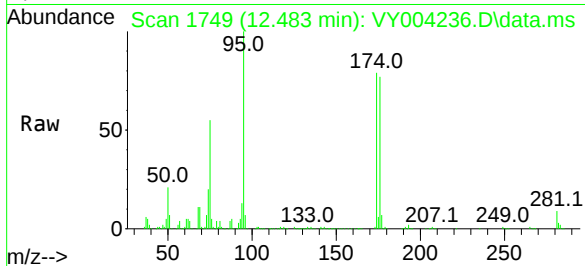




#76
1,2,3-Trichloropropane
Concen: 59.36 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

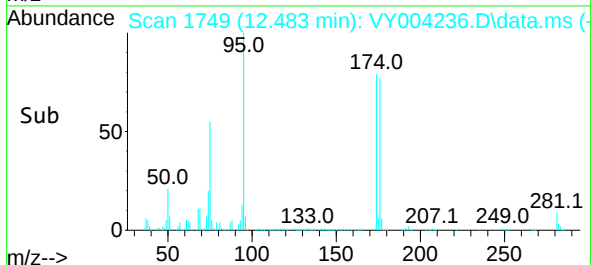
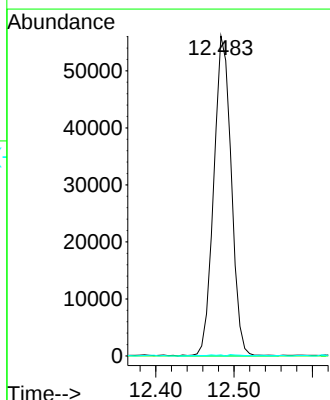
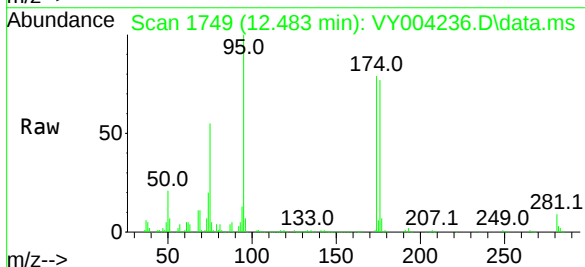
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

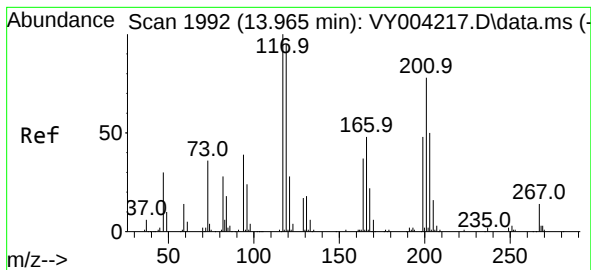
Tgt Ion: 75 Resp: 87315
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004236.D
Acq: 01 Apr 2021 10:42

Tgt Ion: 75 Resp: 87315
Ion Ratio Lower Upper
75 100
53 0.0 79.3 118.9#
89 0.4 39.4 59.2#





#90
 Hexachloroethane
 Concen: 7.46 ug/l
 RT: 13.965 min Scan# 1992
 Delta R.T. -0.000 min
 Lab File: VY004236.D
 Acq: 01 Apr 2021 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

Tgt Ion:117 Resp: 193
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

