

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004737.D
 Acq On : 11 May 2021 11:04
 Operator : SY/MD
 Sample : VY0511SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBL01

Quant Time: May 12 00:58:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

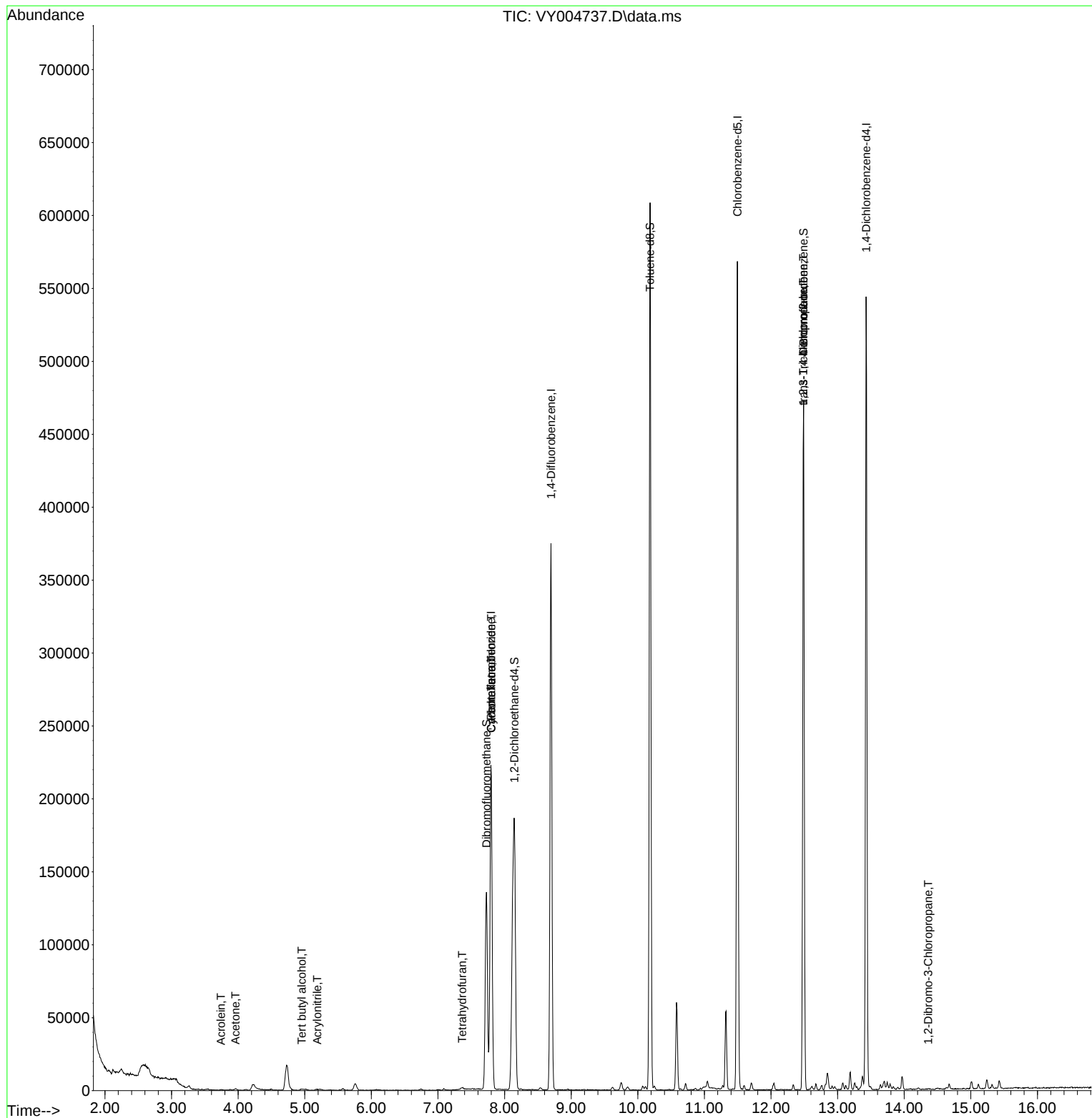
Internal Standards						
1) Pentafluorobenzene	7.795	168	163057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	297843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	288066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113366	58.41	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.82%			
35) Dibromofluoromethane	7.728	113	93523	57.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.72%			
50) Toluene-d8	10.185	98	371540	50.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.88%			
62) 4-Bromofluorobenzene	12.489	95	124750	50.18	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.36%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	700	3.59	ug/l #	71
13) Acrolein	3.741	56	469	2.05	ug/l #	63
15) Acrylonitrile	5.186	53	793	1.52	ug/l #	84
16) Acetone	3.960	43	1881	4.31	ug/l	99
20) Methylene Chloride	4.722	84	12144	Below Cal	#	91
29) Tetrahydrofuran	7.362	42	853	1.73	ug/l #	90
31) Cyclohexane	7.801	56	4449	1.42	ug/l #	6
38) Carbon Tetrachloride	7.801	117	16971	6.19	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	71557	52.13	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71557	90.39	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.361	75	512	1.41	ug/l #	13

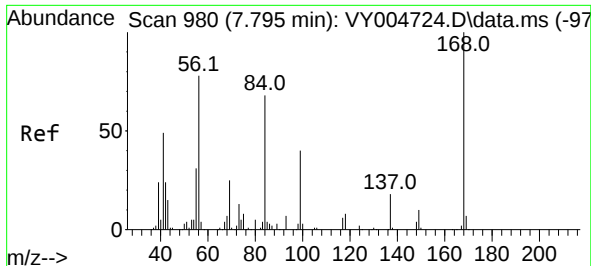
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 12 00:58:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

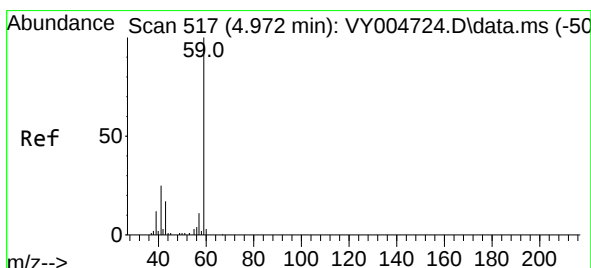
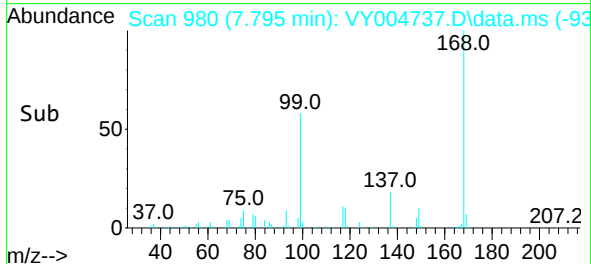
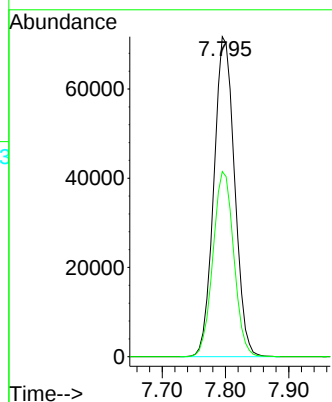
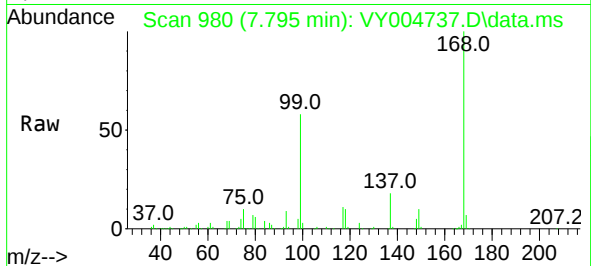




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

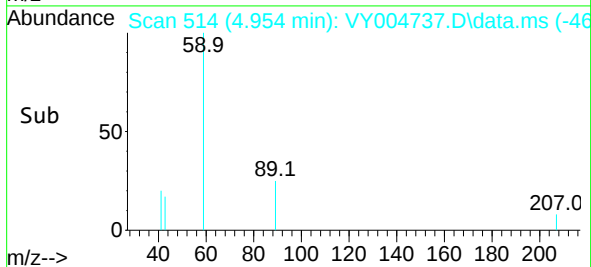
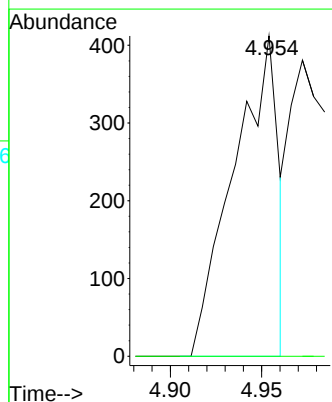
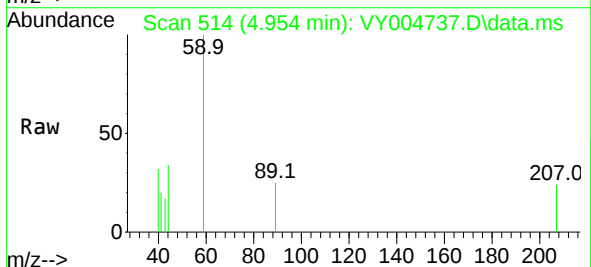
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

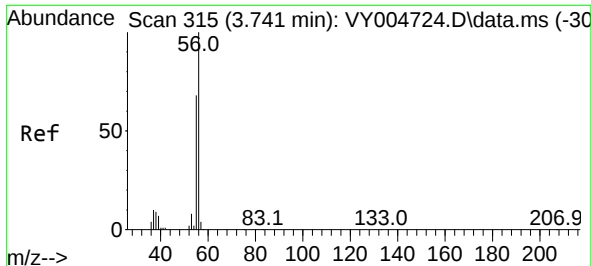
Tgt Ion:168 Resp: 163057
Ion Ratio Lower Upper
168 100
99 57.9 45.6 68.4



#11
Tert butyl alcohol
Concen: 3.59 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion: 59 Resp: 700
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

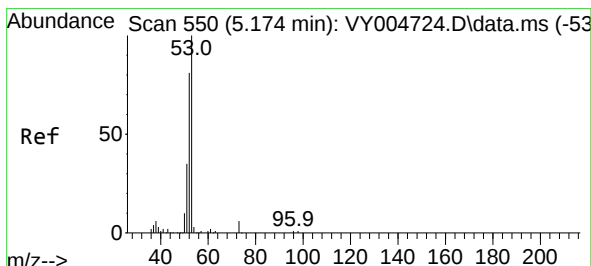
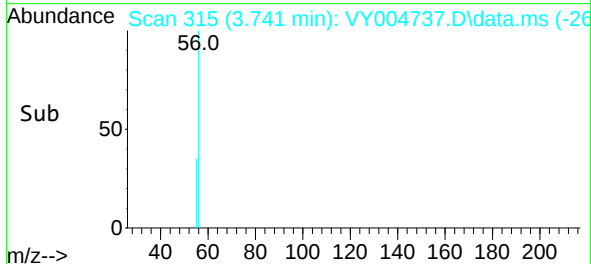
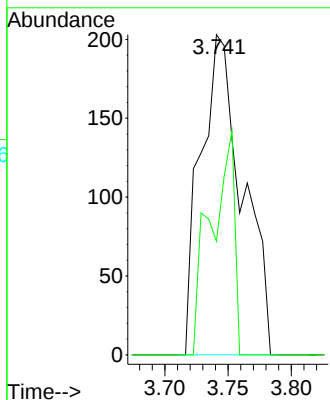
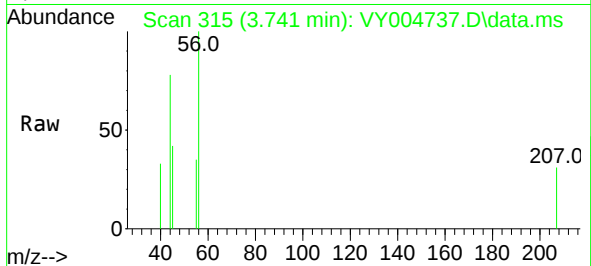




#13
Acrolein
Concen: 2.05 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

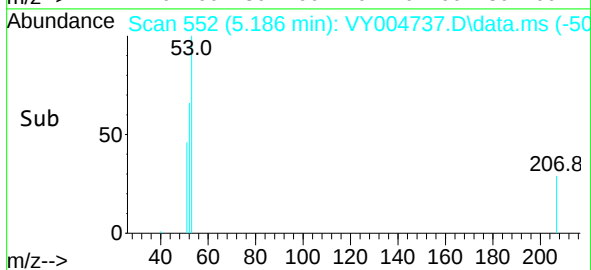
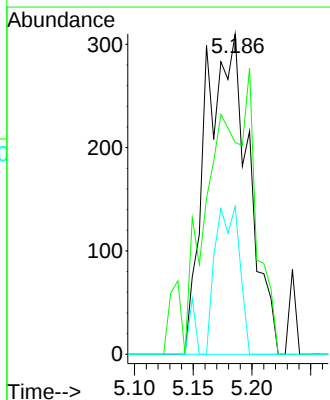
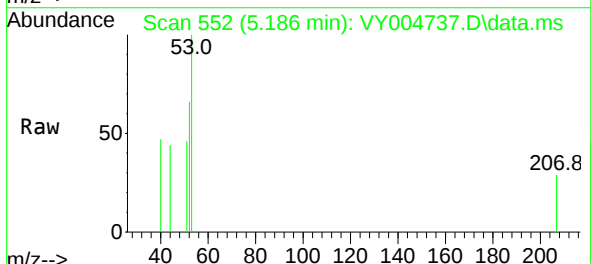
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

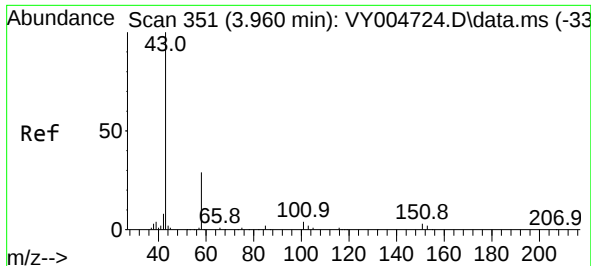
Tgt Ion: 56 Resp: 469
Ion Ratio Lower Upper
56 100
55 39.2 55.3 82.9#



#15
Acrylonitrile
Concen: 1.52 ug/l
RT: 5.186 min Scan# 552
Delta R.T. 0.012 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion: 53 Resp: 793
Ion Ratio Lower Upper
53 100
52 95.2 65.0 97.6
51 25.9 29.3 43.9#

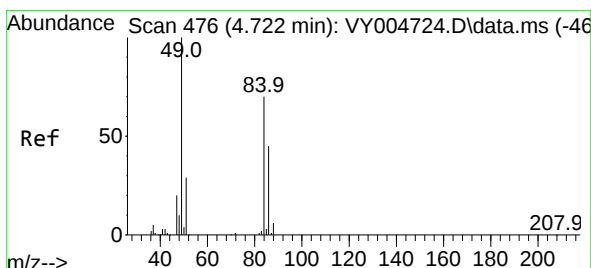
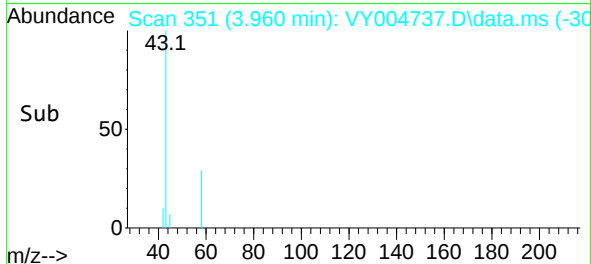
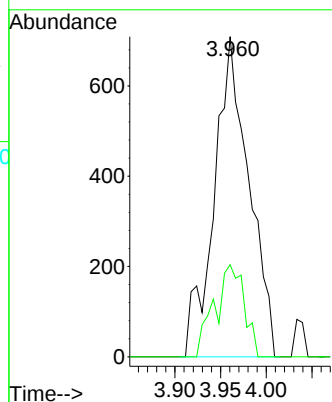
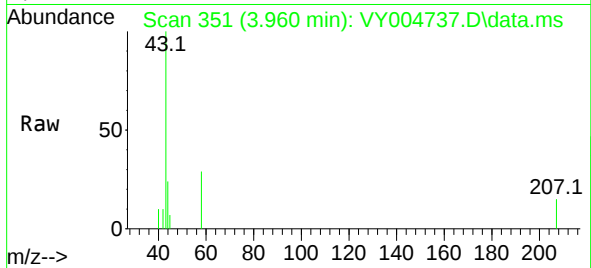




#16
Acetone
Concen: 4.31 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

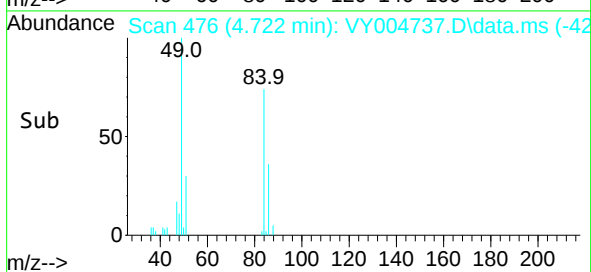
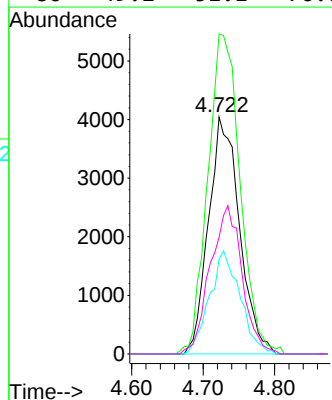
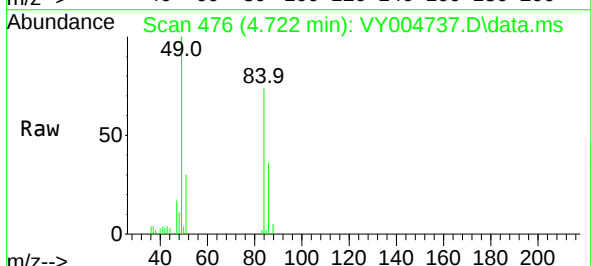
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

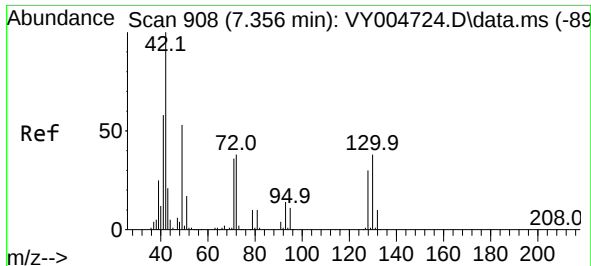
Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 28.8 23.6 35.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion: 84 Resp: 12144
Ion Ratio Lower Upper
84 100
49 133.7 113.8 170.8
51 40.0 33.5 50.3
86 49.2 51.1 76.7#





#29

Tetrahydrofuran

Concen: 1.73 ug/l

RT: 7.362 min Scan# 909

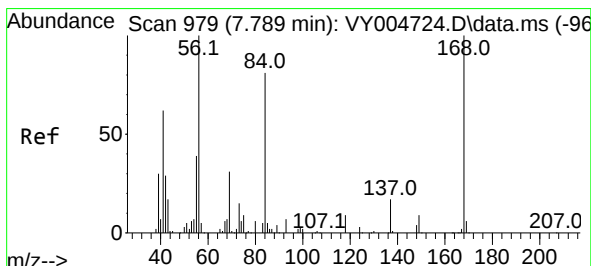
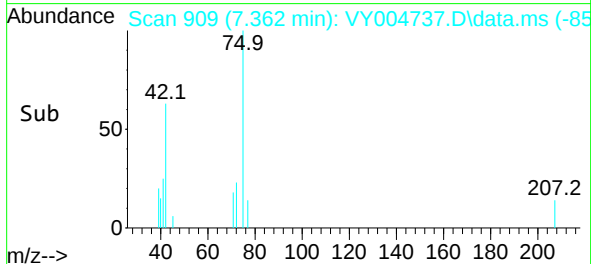
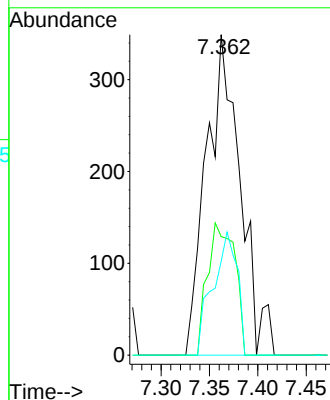
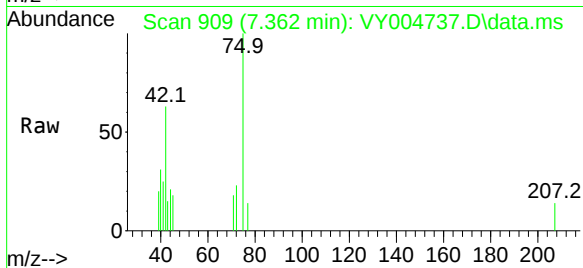
Delta R.T. 0.006 min

Lab File: VY004737.D

Acq: 11 May 2021 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

Tgt Ion:	42	Resp:	853
Ion	Ratio	Lower	Upper
42	100		
72	33.1	29.4	44.0
71	27.4	28.0	42.0#



#31

Cyclohexane

Concen: 1.42 ug/l

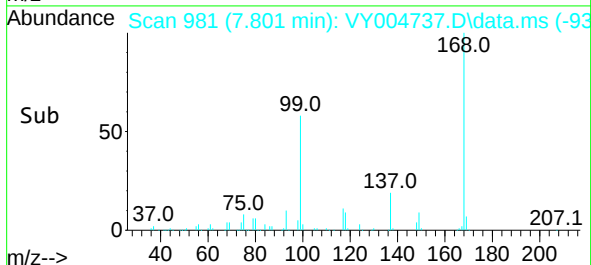
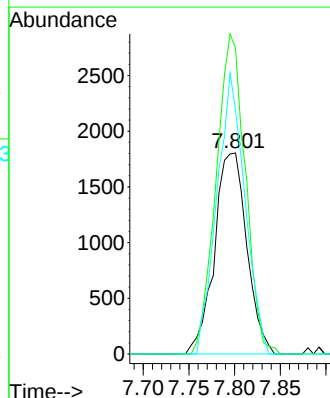
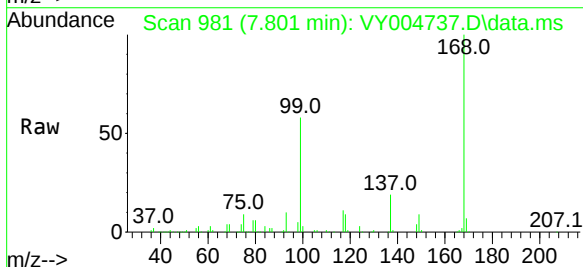
RT: 7.801 min Scan# 981

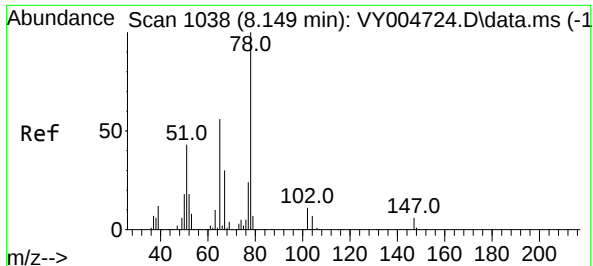
Delta R.T. 0.012 min

Lab File: VY004737.D

Acq: 11 May 2021 11:04

Tgt Ion:	56	Resp:	4449
Ion	Ratio	Lower	Upper
56	100		
69	152.1	24.4	36.6#
84	121.1	64.8	97.2#

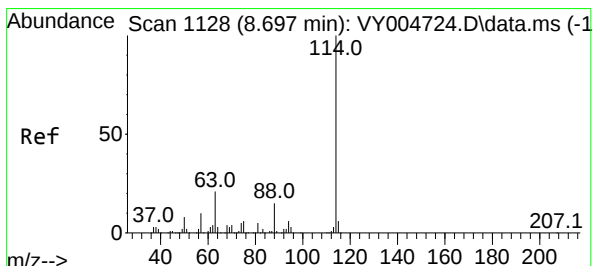
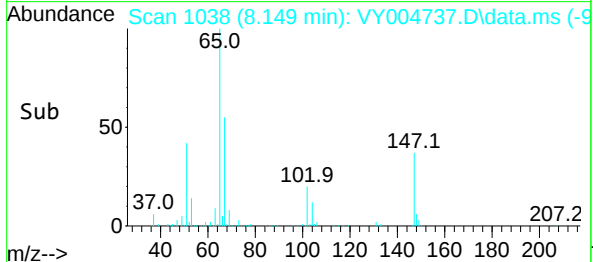
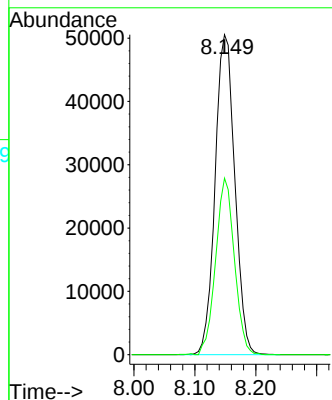
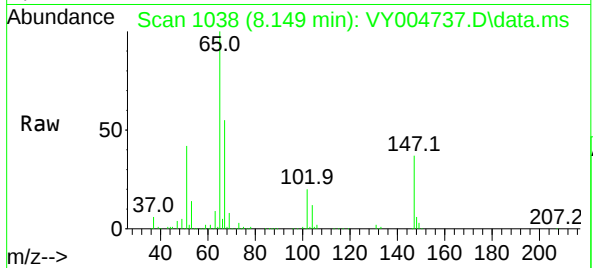




#33
1,2-Dichloroethane-d4
Concen: 58.41 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

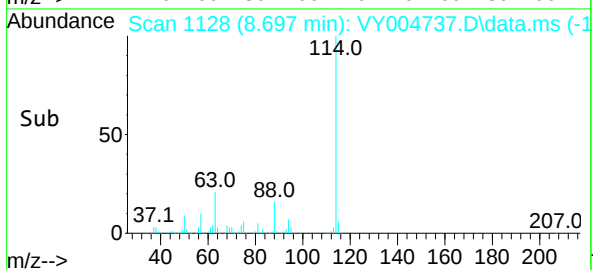
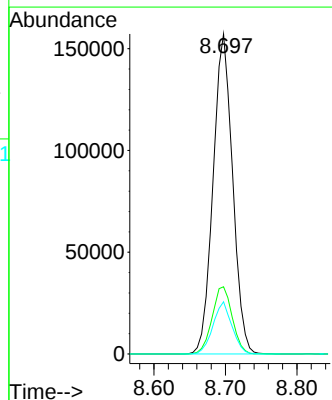
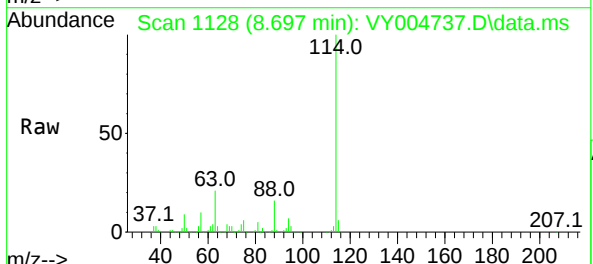
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

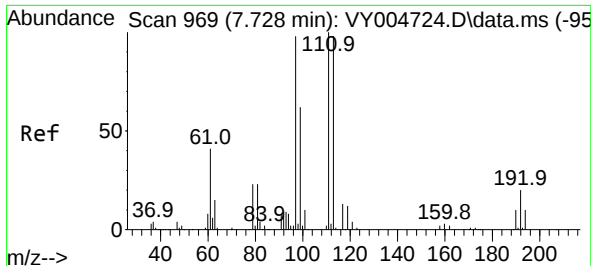
Tgt Ion: 65 Resp: 113366
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion: 114 Resp: 297843
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 16.3 0.0 31.0

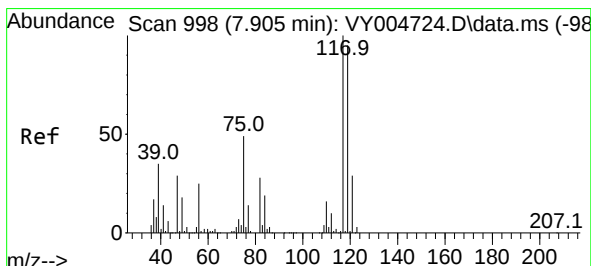
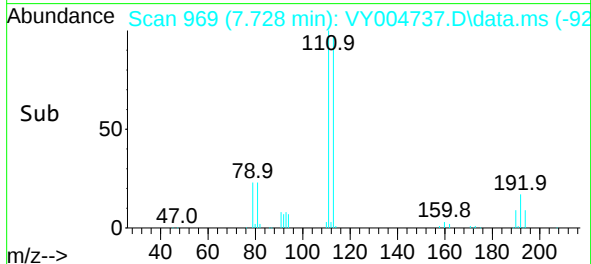
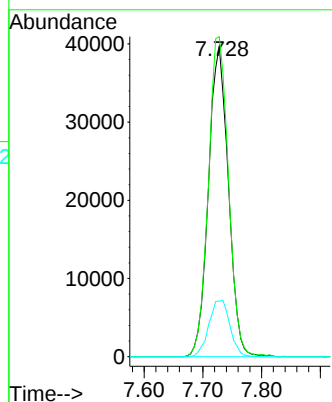
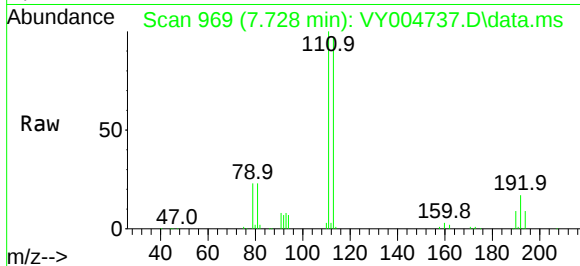




#35
Dibromofluoromethane
Concen: 57.36 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

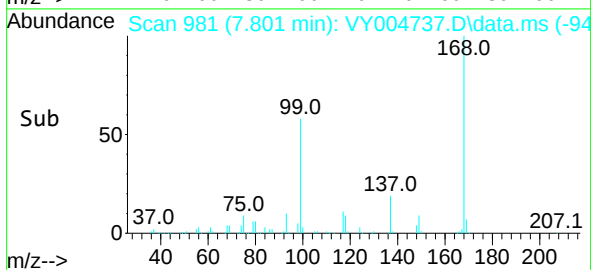
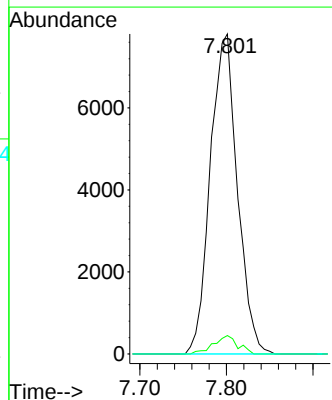
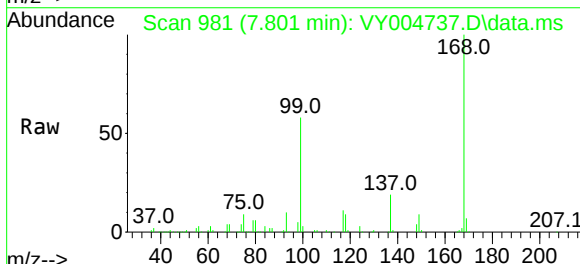
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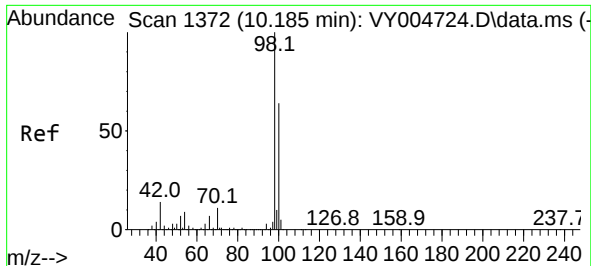
Tgt Ion:	113	Resp:	93523
Ion Ratio	Lower	Upper	
113	100		
111	104.5	80.5	120.7
192	19.2	15.0	22.6



#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion:	117	Resp:	16971
Ion Ratio	Lower	Upper	
117	100		
119	5.8	76.3	114.5#
121	0.0	23.0	34.6#

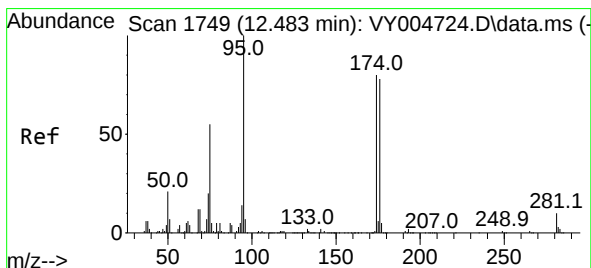
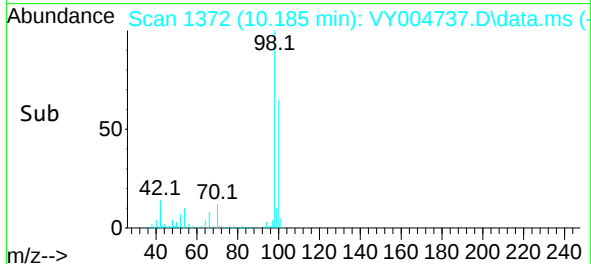
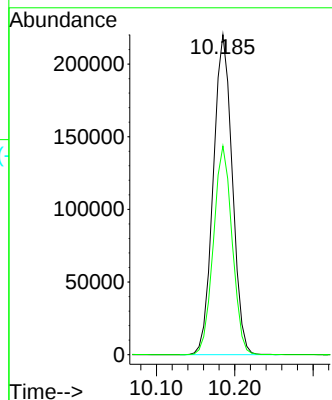
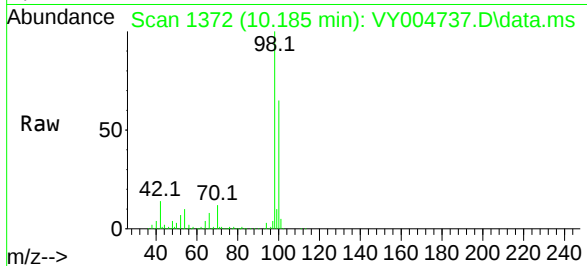




#50
Toluene-d8
Concen: 50.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

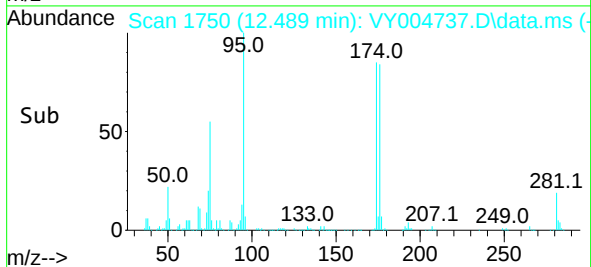
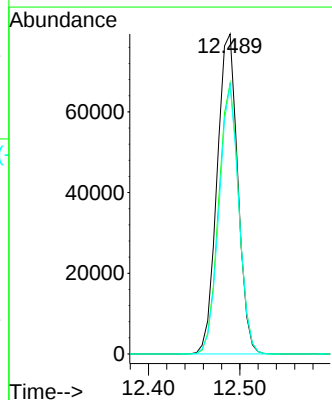
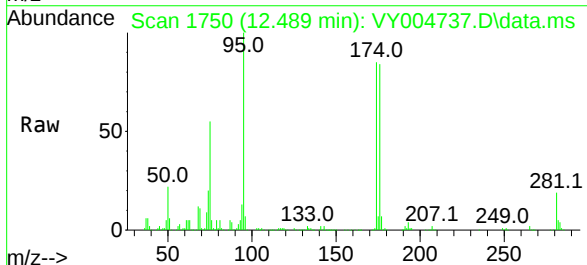
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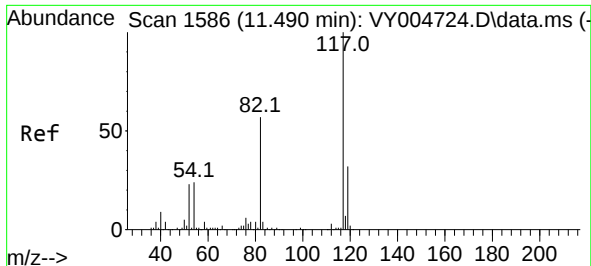
Tgt Ion: 98 Resp: 371540
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.18 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion: 95 Resp: 124750
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.2
176 80.2 0.0 159.0

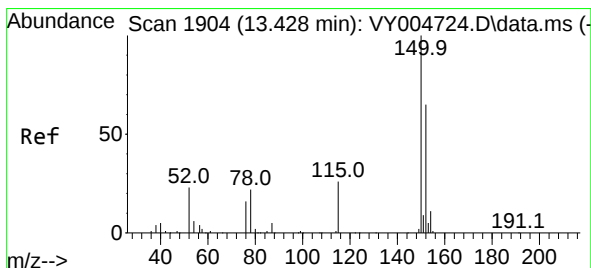
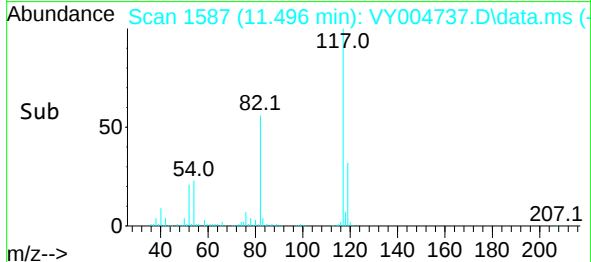
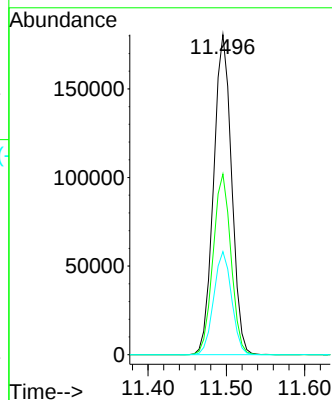
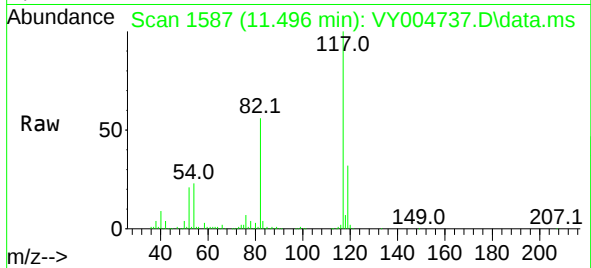




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

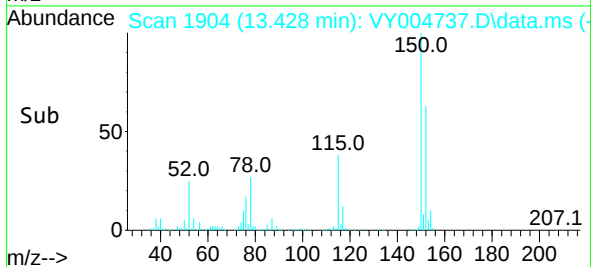
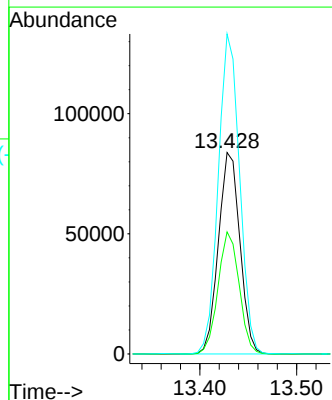
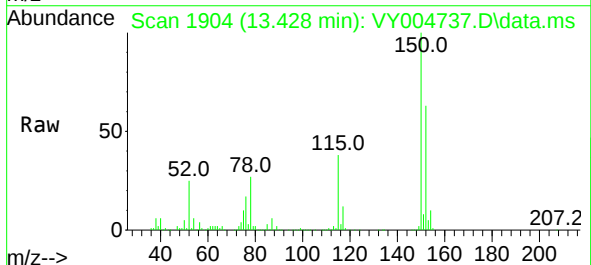
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

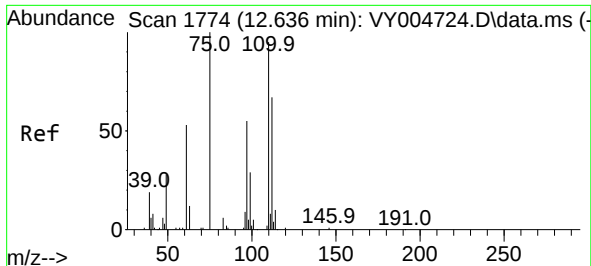
Tgt Ion:117 Resp: 288066
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

Tgt Ion:152 Resp: 129229
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 157.5 0.0 349.8

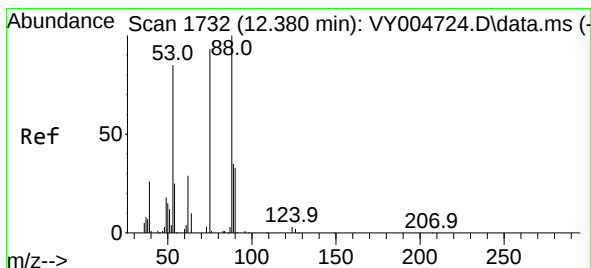
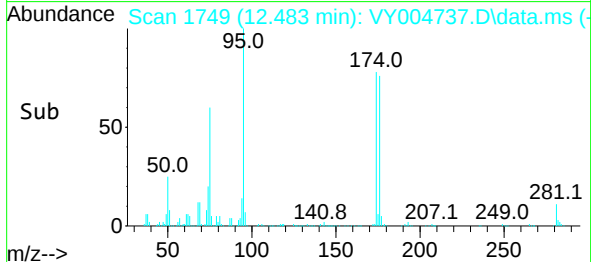
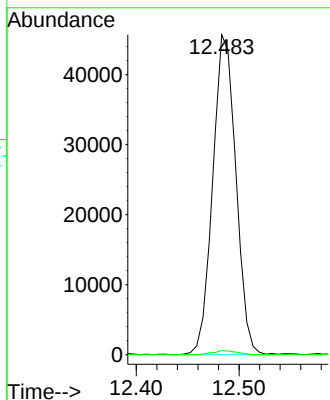
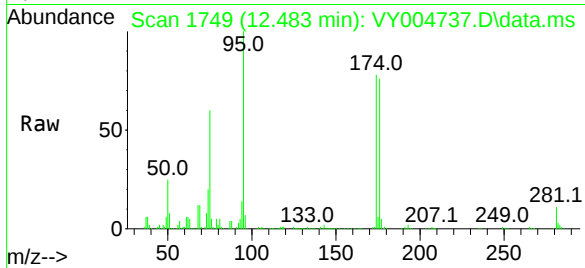




#76
1,2,3-Trichloropropane
Concen: 52.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

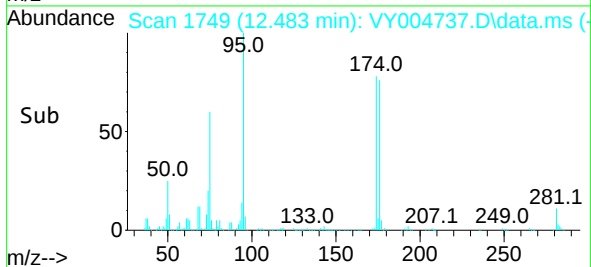
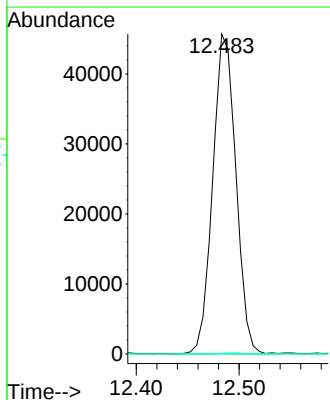
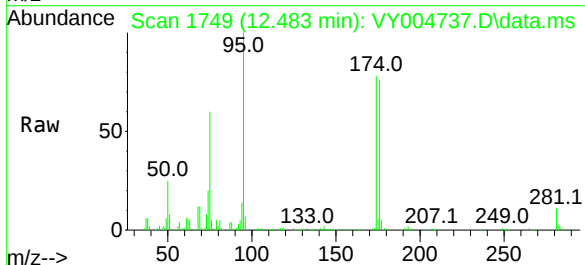
Instrument :
MSVOA_Y
ClientSampleId :
VY0511SBL01

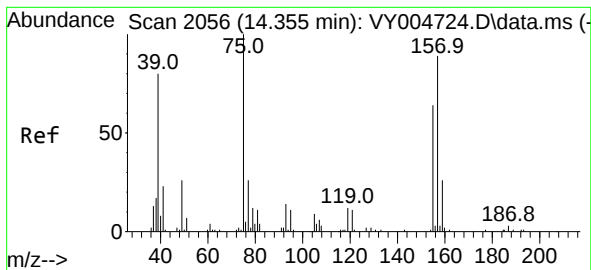
Tgt Ion: 75 Resp: 71557
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.39 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004737.D
Acq: 11 May 2021 11:04

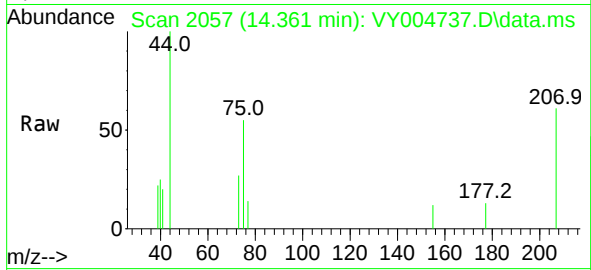
Tgt Ion: 75 Resp: 71557
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.3 35.5 53.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.41 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY004737.D
 Acq: 11 May 2021 11:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0511SBL01



Tgt Ion: 75 Resp: 512
 Ion Ratio Lower Upper
 75 100
 155 7.4 39.0 117.0#
 157 8.2 50.2 150.7#

