

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004960.D
 Acq On : 04 Jun 2021 13:35
 Operator : SY/MD
 Sample : M2597-03
 Misc : 4.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

Quant Time: Jun 05 01:32:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

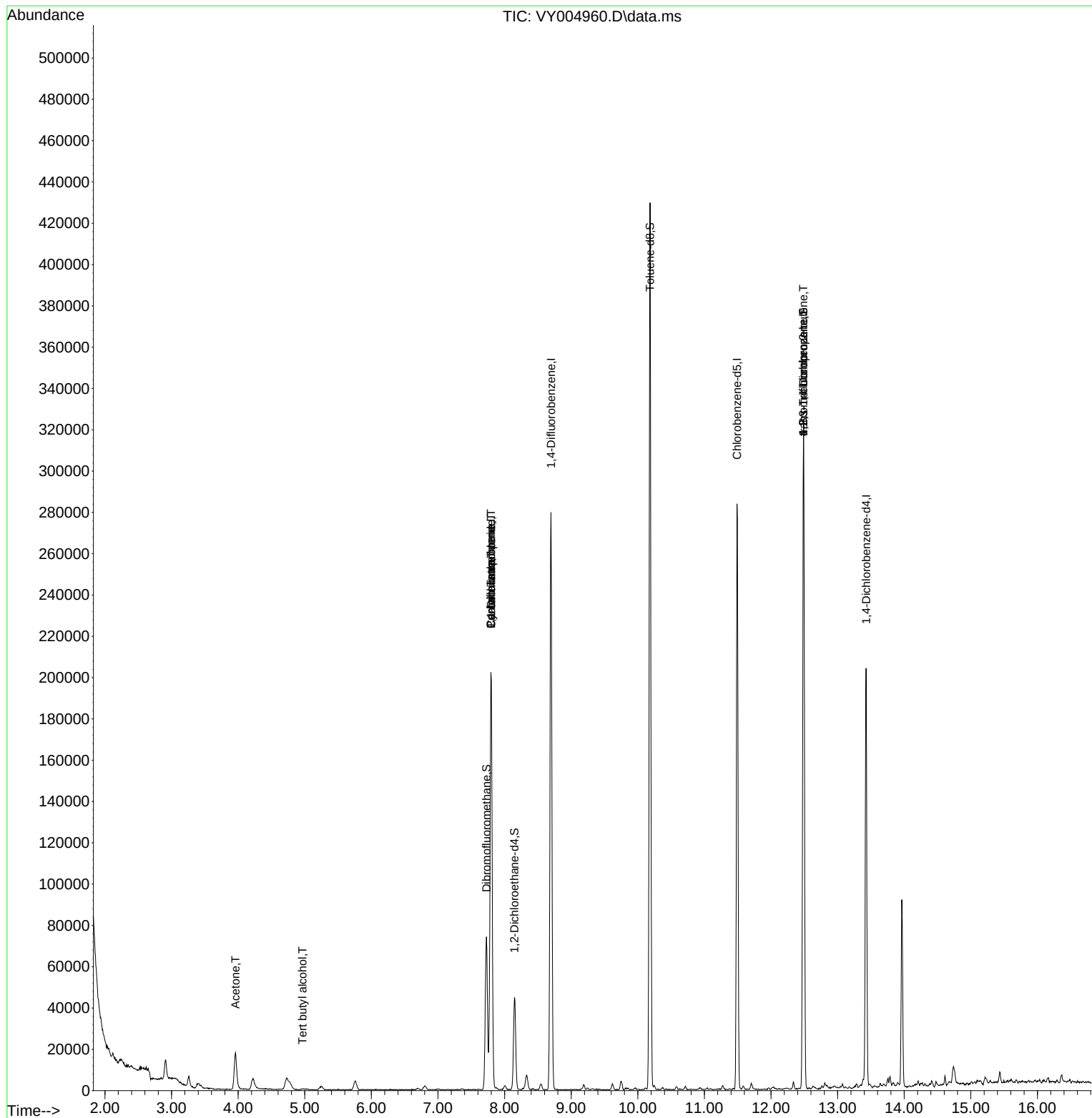
Internal Standards						
1) Pentafluorobenzene	7.795	168	150486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	229124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	34106	21.438	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.880%#
35) Dibromofluoromethane	7.728	113	51522	41.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.600%
50) Toluene-d8	10.185	98	268321	52.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.483	95	52873	30.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	347	1.897	ug/l #	74
16) Acetone	3.960	43	30730	80.241	ug/l	94
20) Methylene Chloride	4.729	84	3247	Below Cal		92
31) Cyclohexane	7.795	56	4408	1.574	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	12687	5.658	ug/l #	49
38) Carbon Tetrachloride	7.795	117	15518	7.952	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	29463	52.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29463	97.378	ug/l #	16

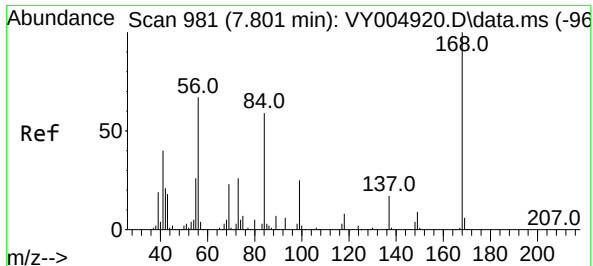
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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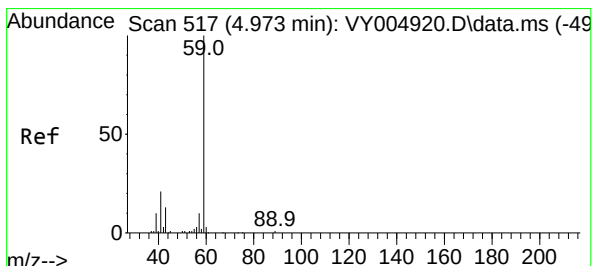
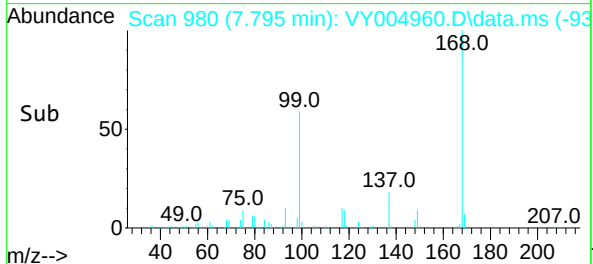
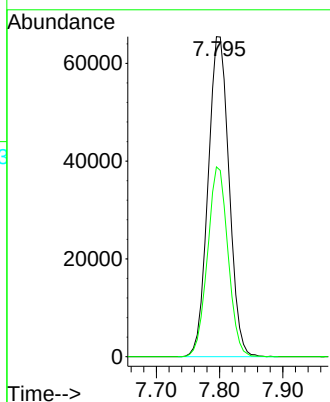
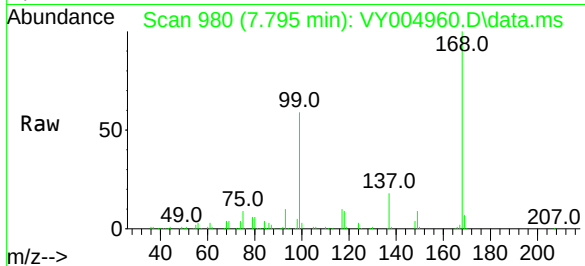




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

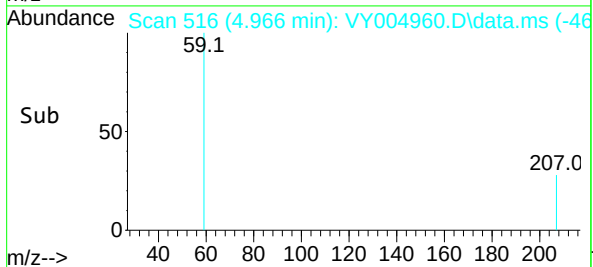
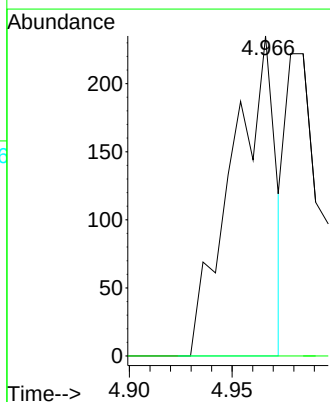
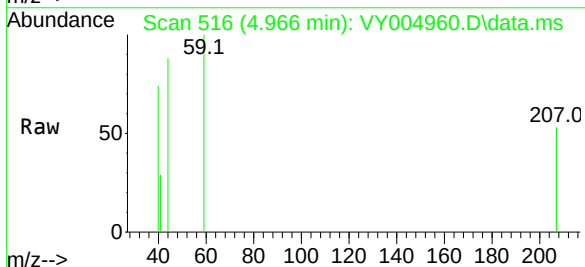
Instrument :
MSVOA_Y
ClientSampleId :
124042

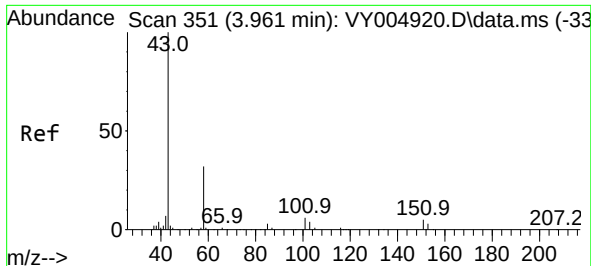
Tgt Ion:168 Resp: 150486
Ion Ratio Lower Upper
168 100
99 59.3 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.897 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

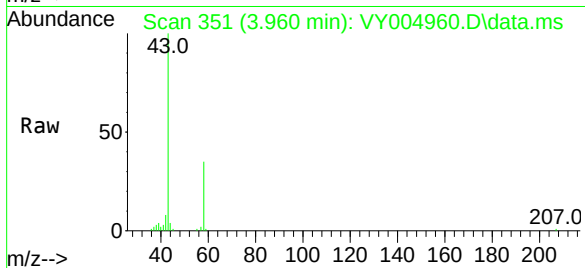
Tgt Ion: 59 Resp: 347
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



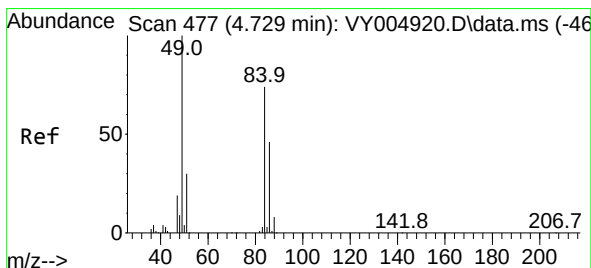
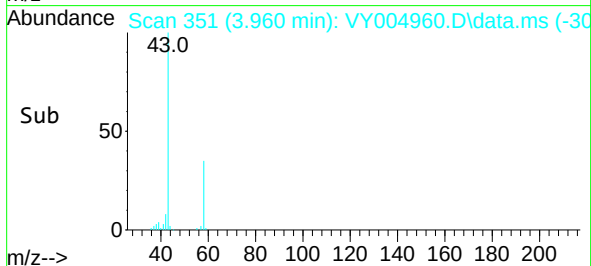
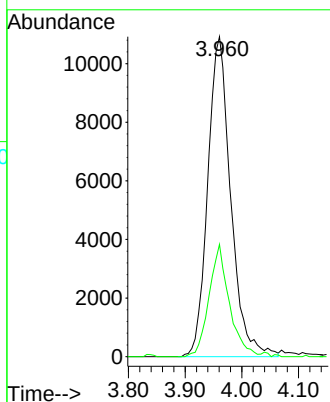


#16
Acetone
Concen: 80.241 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

Instrument :
MSVOA_Y
ClientSampled :
124042

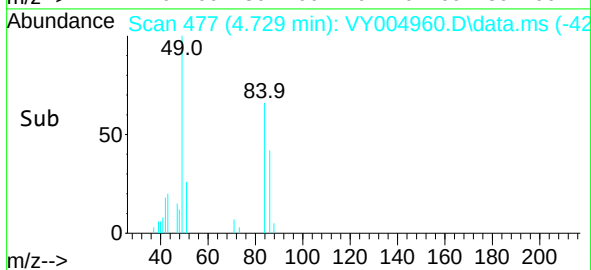
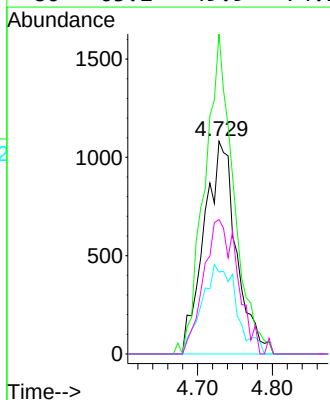
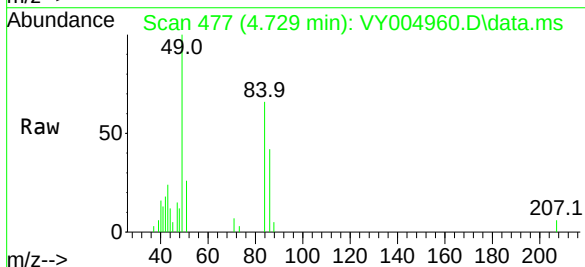


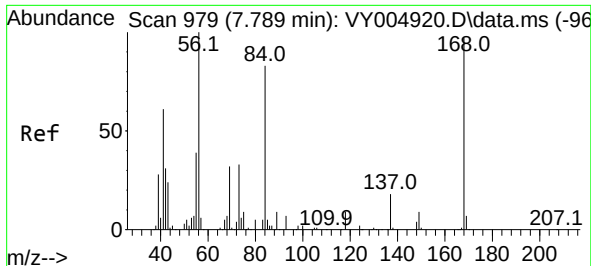
Tgt Ion: 43 Resp: 30730
Ion Ratio Lower Upper
43 100
58 35.1 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

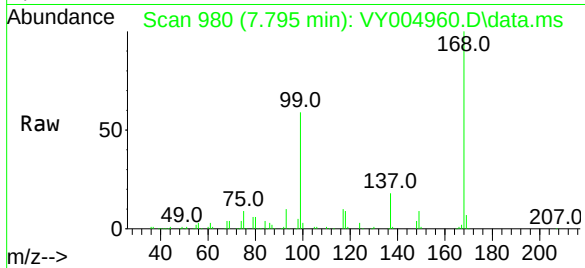
Tgt Ion: 84 Resp: 3247
Ion Ratio Lower Upper
84 100
49 150.5 108.0 162.0
51 38.5 32.6 48.8
86 63.2 49.9 74.9



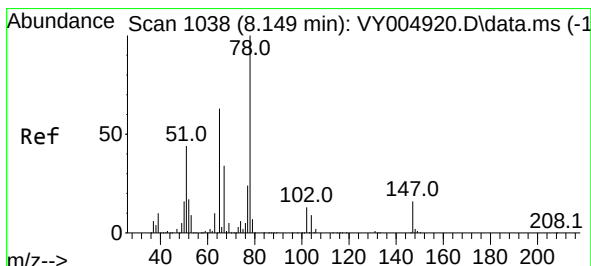
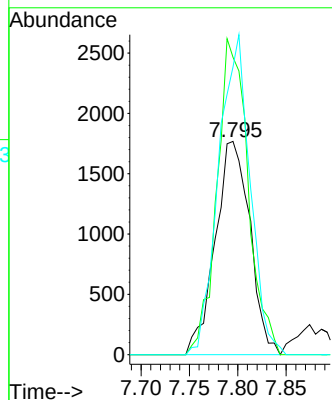
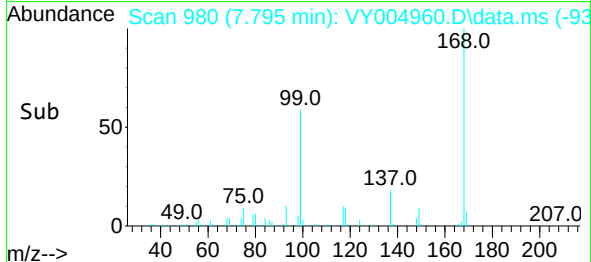


#31
Cyclohexane
Concen: 1.574 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

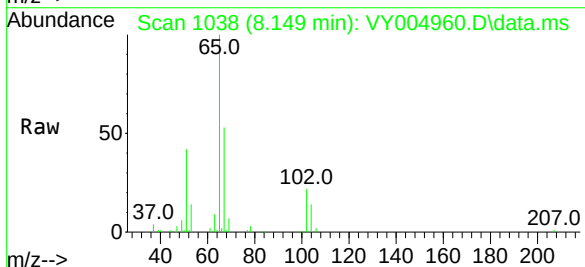
Instrument :
MSVOA_Y
ClientSampled :
124042



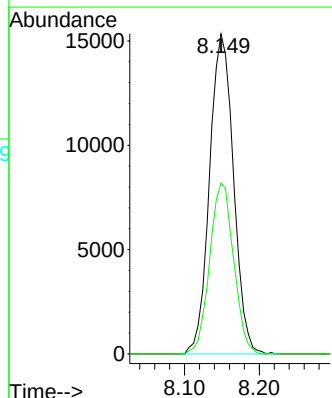
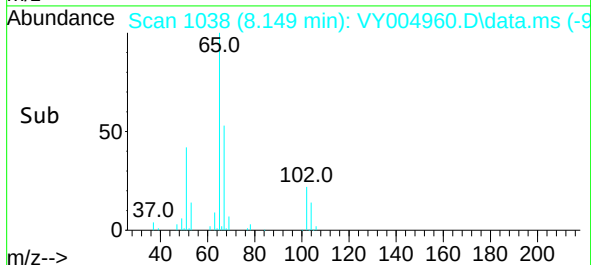
Tgt Ion: 56 Resp: 4408
Ion Ratio Lower Upper
56 100
69 139.5 25.3 37.9#
84 134.9 66.2 99.4#

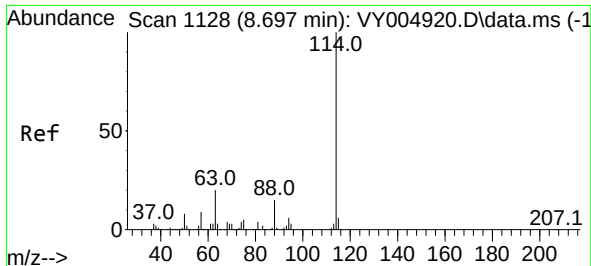


#33
1,2-Dichloroethane-d4
Concen: 21.438 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35



Tgt Ion: 65 Resp: 34106
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.6

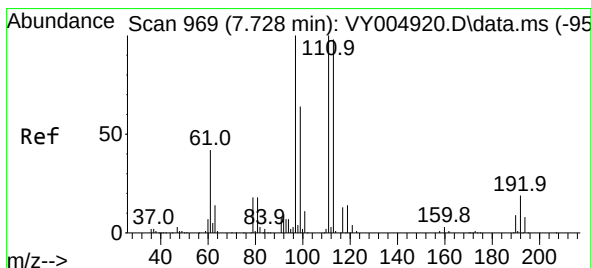
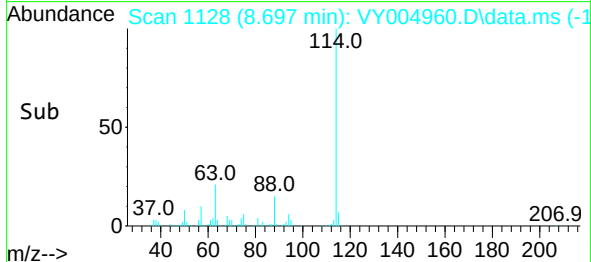
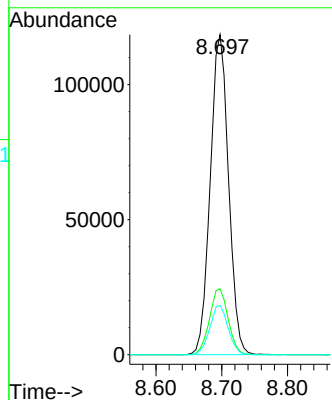
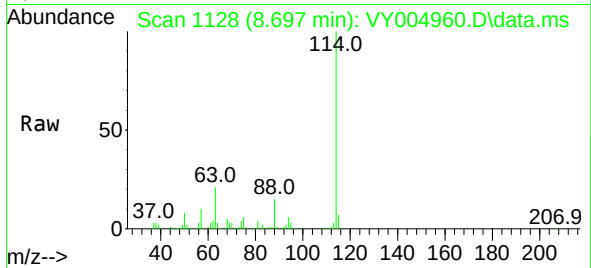




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

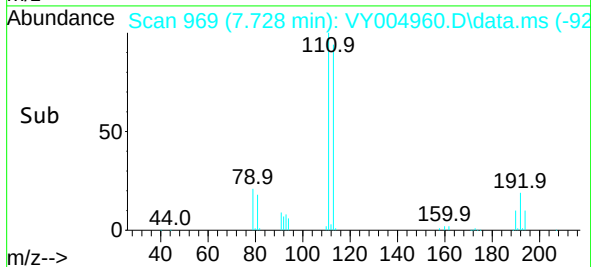
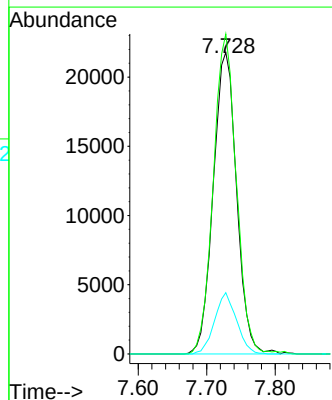
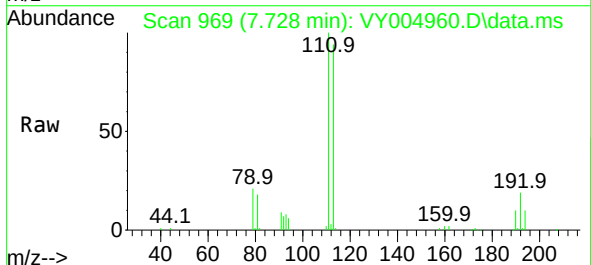
Instrument :
MSVOA_Y
ClientSampleId :
124042

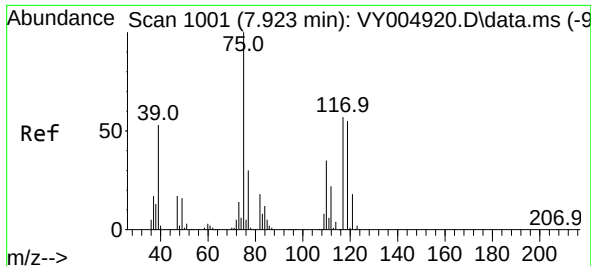
Tgt Ion:	114	Resp:	229124
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.0
88	15.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 41.796 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

Tgt Ion:	113	Resp:	51522
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.8	122.8
192	19.1	15.3	22.9





#36

1,1-Dichloropropene

Concen: 5.658 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004960.D

Acq: 04 Jun 2021 13:35

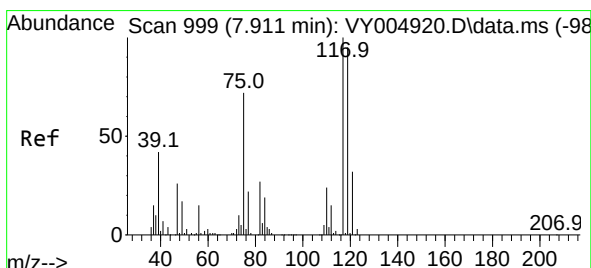
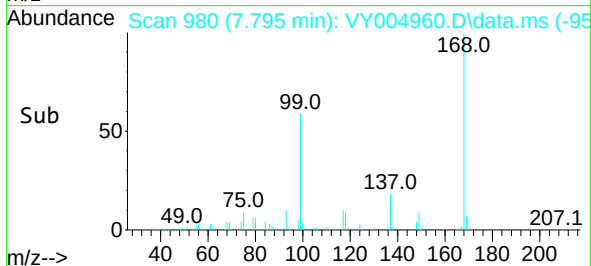
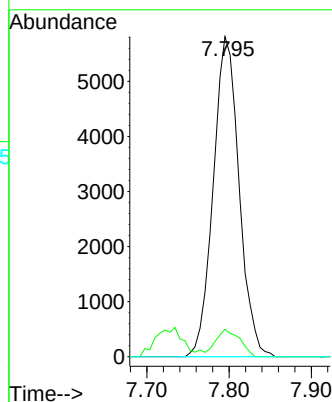
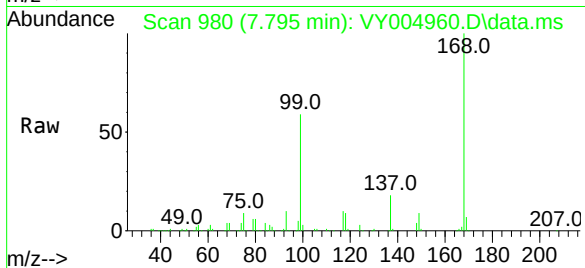
Instrument :

MSVOA_Y

ClientSampleId :

124042

Tgt Ion:	75	Resp:	12687
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 7.952 ug/l

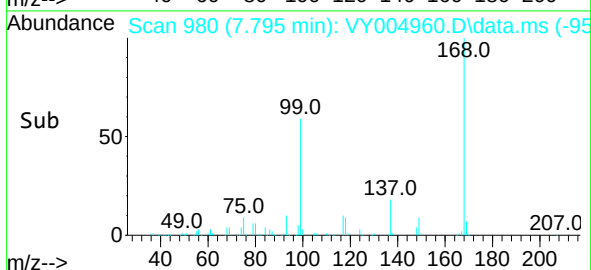
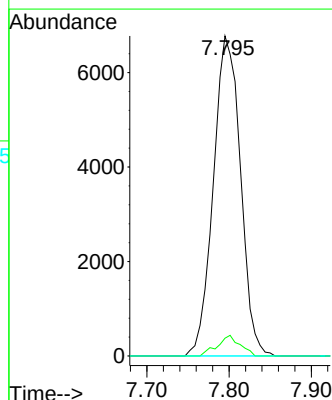
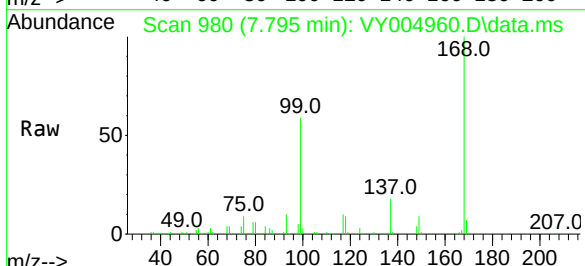
RT: 7.795 min Scan# 980

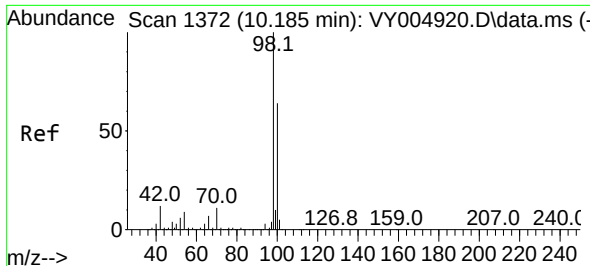
Delta R.T. -0.116 min

Lab File: VY004960.D

Acq: 04 Jun 2021 13:35

Tgt Ion:	117	Resp:	15518
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	0.0	25.5	38.3#

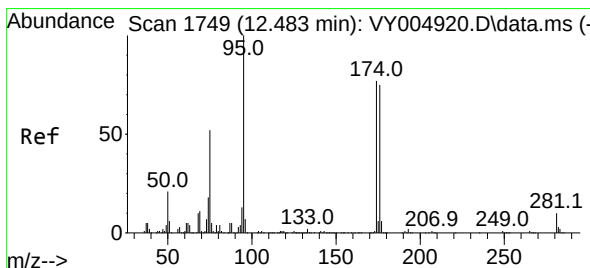
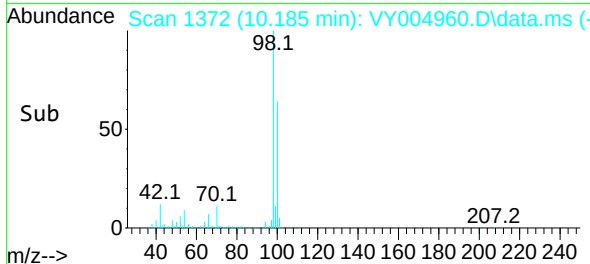
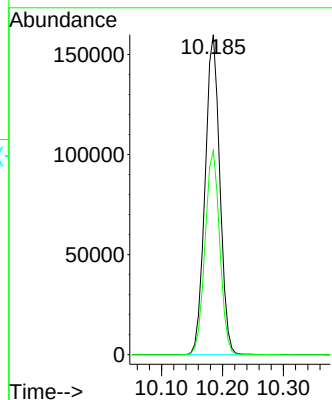
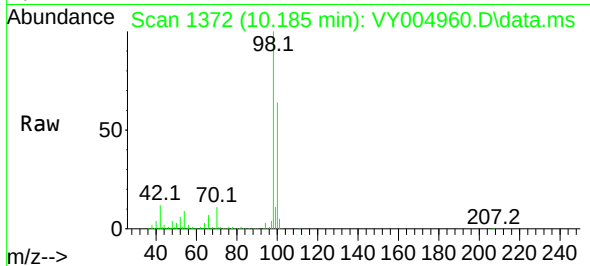




#50
Toluene-d8
Concen: 52.410 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

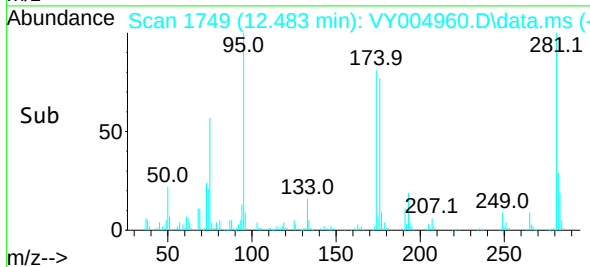
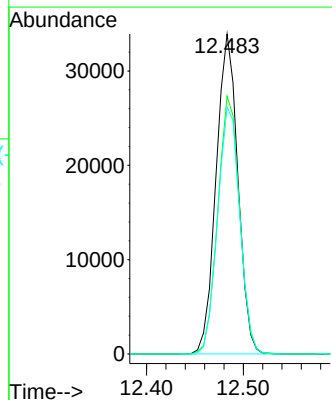
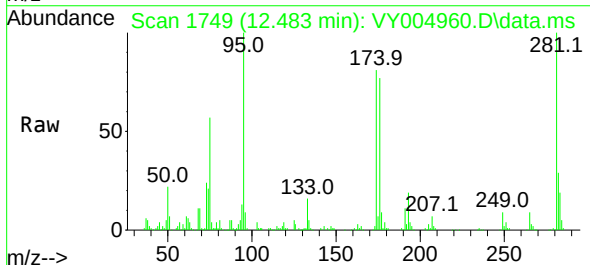
Instrument :
MSVOA_Y
ClientSampleId :
124042

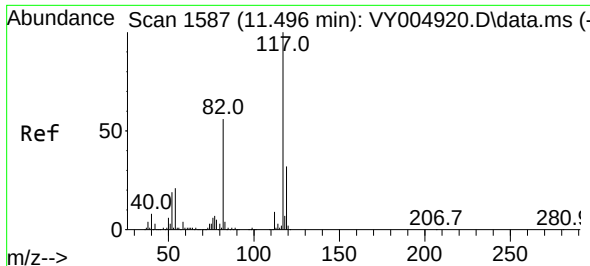
Tgt Ion: 98 Resp: 268321
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 30.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

Tgt Ion: 95 Resp: 52873
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.8
176 78.6 0.0 155.6

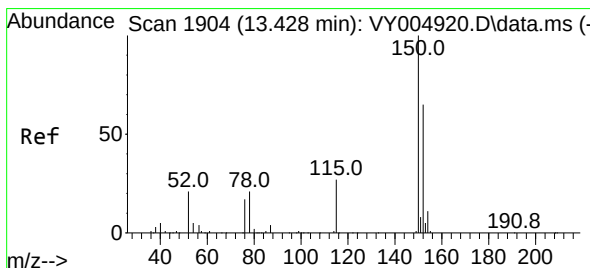
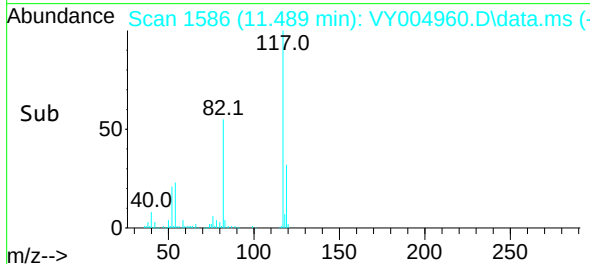
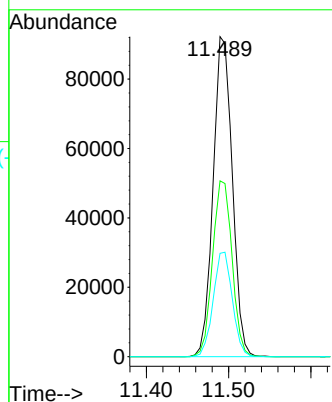
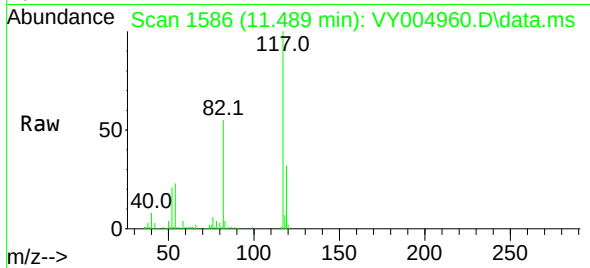




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

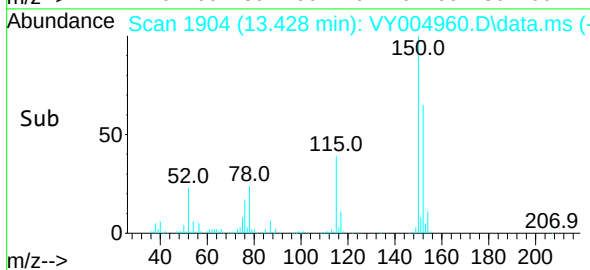
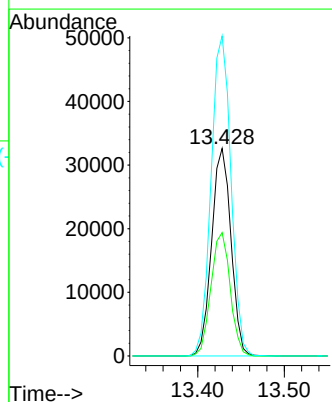
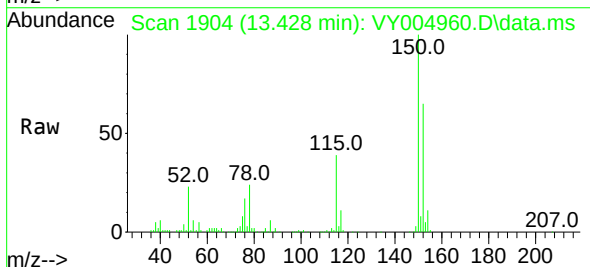
Instrument :
MSVOA_Y
ClientSampleId :
124042

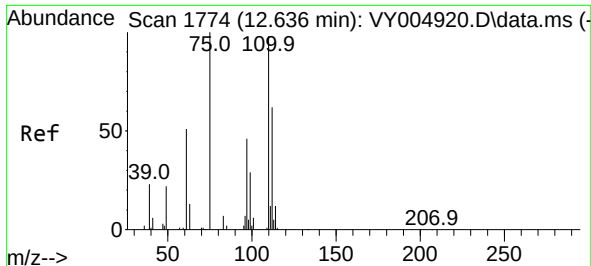
Tgt Ion:117 Resp: 149086
Ion Ratio Lower Upper
117 100
82 54.9 44.8 67.2
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

Tgt Ion:152 Resp: 50725
Ion Ratio Lower Upper
152 100
115 59.0 29.9 89.7
150 157.7 0.0 347.8

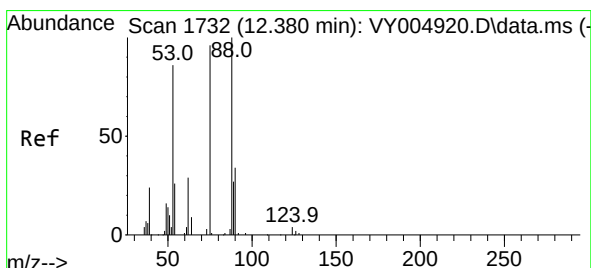
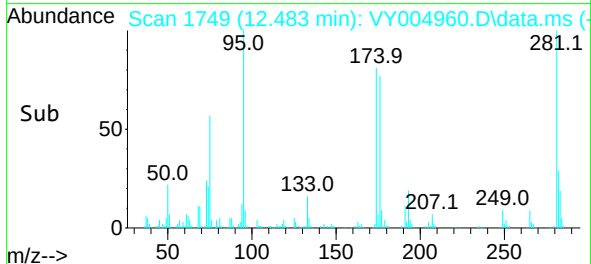
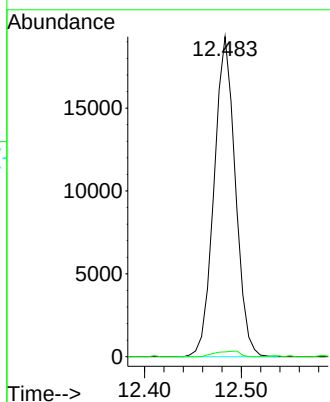
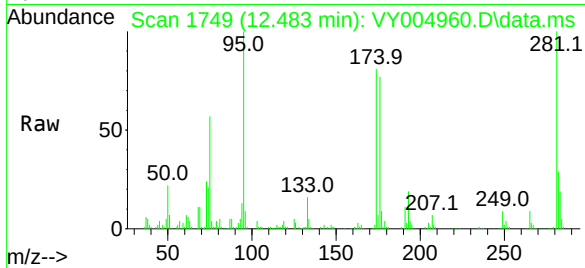




#76
1,2,3-Trichloropropane
Concen: 52.987 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion: 75 Resp: 29463
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004960.D
Acq: 04 Jun 2021 13:35

Tgt Ion: 75 Resp: 29463
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 2.7 35.0 52.6#

