

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005799.D
 Acq On : 20 Aug 2021 17:38
 Operator : SY/MD
 Sample : M3465-03
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CON-B

Quant Time: Aug 23 01:09:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	174137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	299297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	99791	56.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.220%
35) Dibromofluoromethane	7.728	113	66190	40.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.240%
50) Toluene-d8	10.185	98	378761	54.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.480%
62) 4-Bromofluorobenzene	12.483	95	128699	56.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.320%

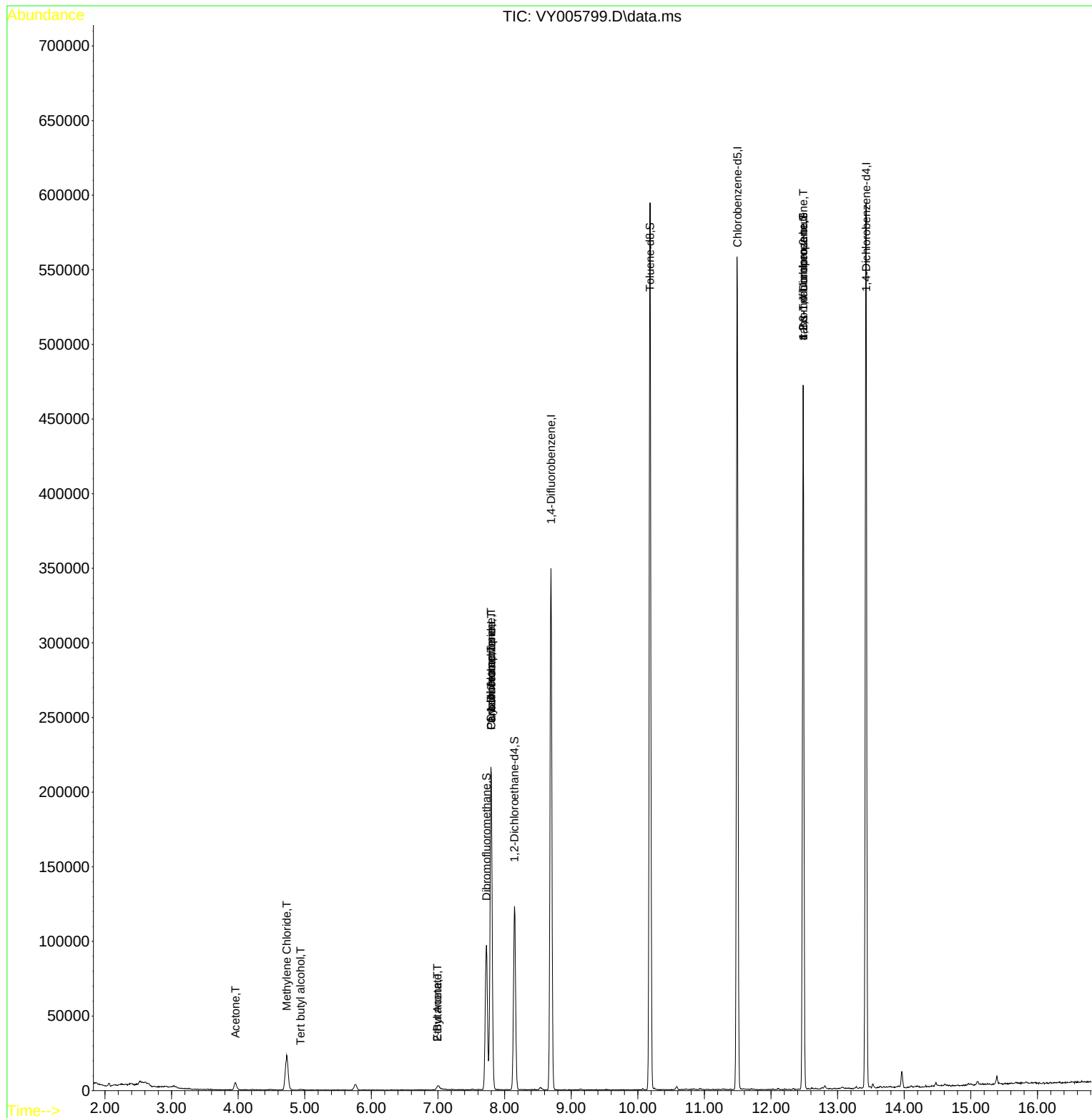
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.936	59	269	1.544	ug/l #	73
16) Acetone	3.960	43	8643	19.448	ug/l	98
20) Methylene Chloride	4.728	84	16934	4.038	ug/l	96
25) 2-Butanone	6.990	43	1855	2.824	ug/l #	76
31) Cyclohexane	7.795	56	3401	1.125	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	12766	4.619	ug/l #	50
37) Ethyl Acetate	6.990	43	1855	1.108	ug/l #	71
38) Carbon Tetrachloride	7.801	117	15886	5.288	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	71798	45.587	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	71798	91.898	ug/l #	11

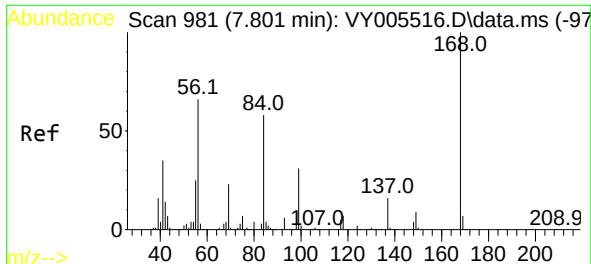
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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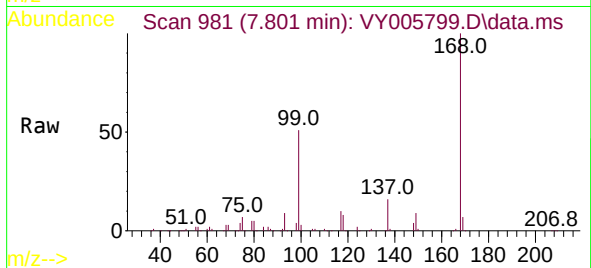
Quant Time: Aug 23 01:09:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
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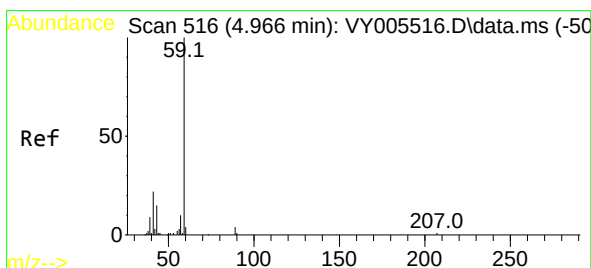
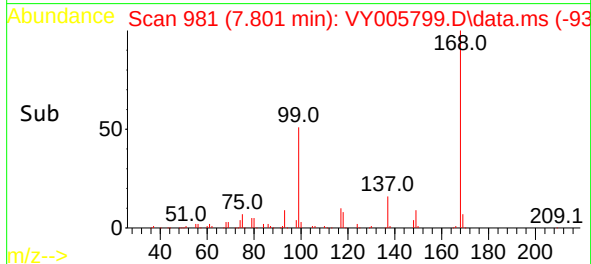
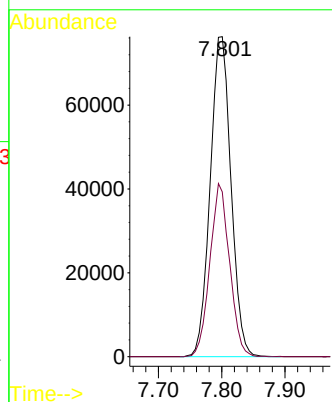


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :
CON-B

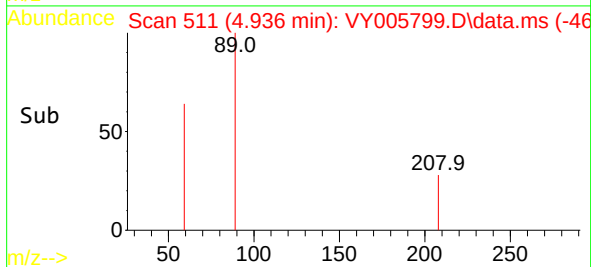
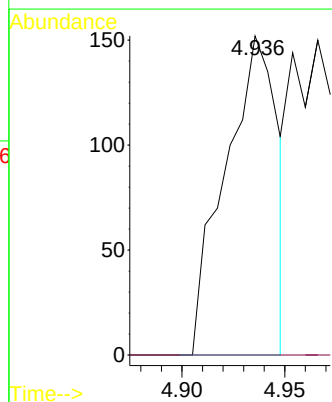
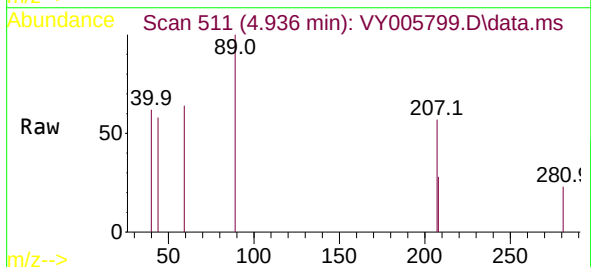


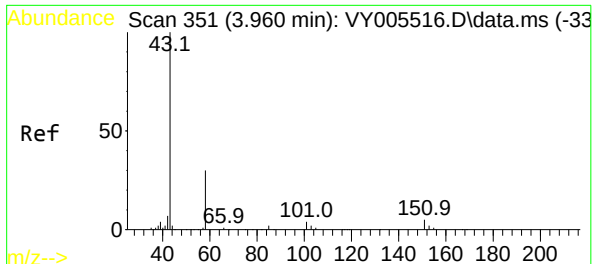
Tgt Ion:168 Resp: 174137
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.544 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.031 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

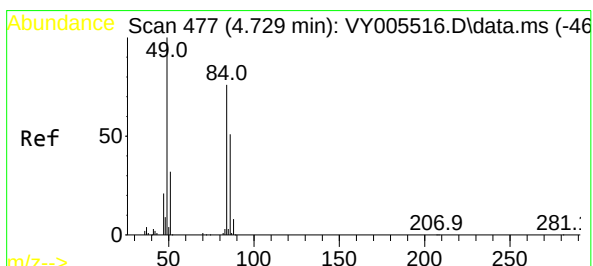
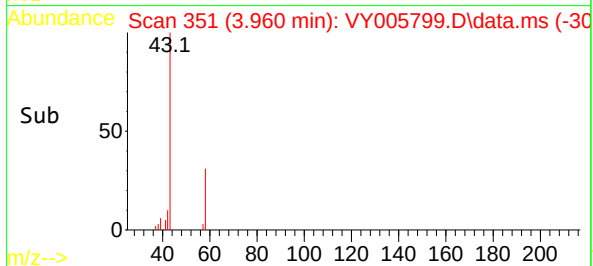
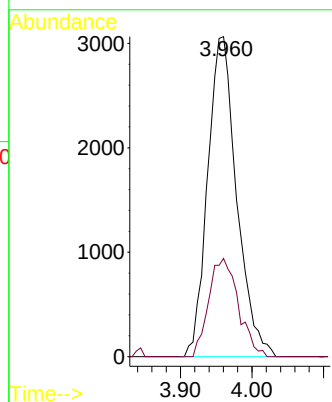
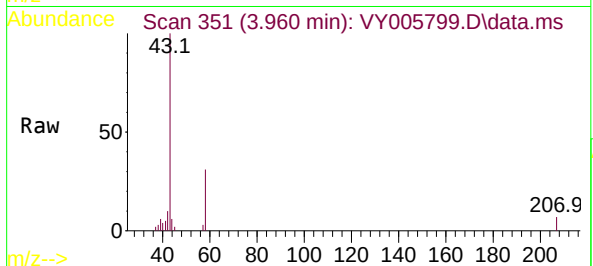




#16
Acetone
Concen: 19.448 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

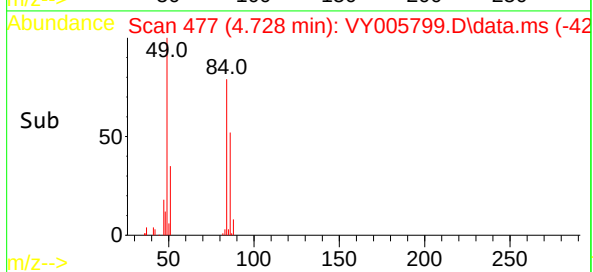
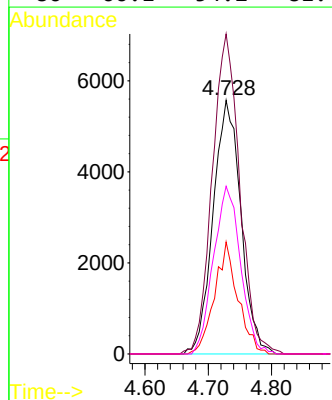
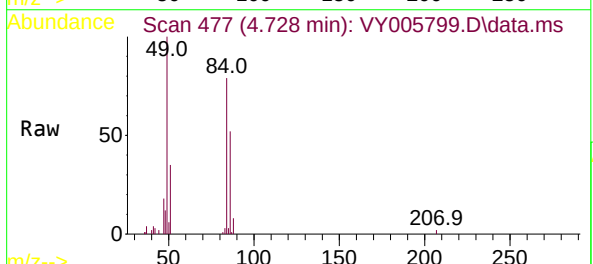
Instrument :
MSVOA_Y
ClientSampleId :
CON-B

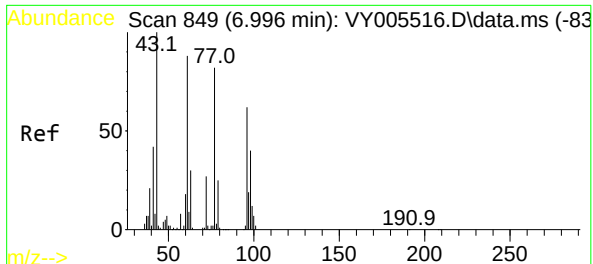
Tgt Ion: 43 Resp: 8643
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.6



#20
Methylene Chloride
Concen: 4.038 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Tgt Ion: 84 Resp: 16934
Ion Ratio Lower Upper
84 100
49 126.2 105.8 158.6
51 44.2 33.4 50.2
86 66.1 54.2 81.4





#25

2-Butanone

Concen: 2.824 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY005799.D

Acq: 20 Aug 2021 17:38

Instrument :

MSVOA_Y

ClientSampleId :

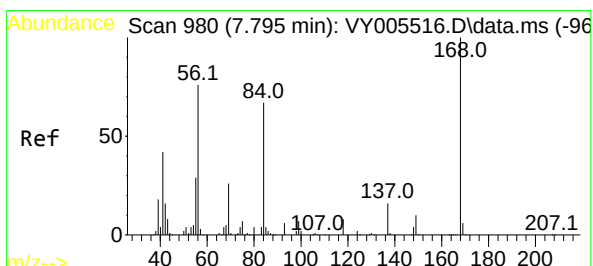
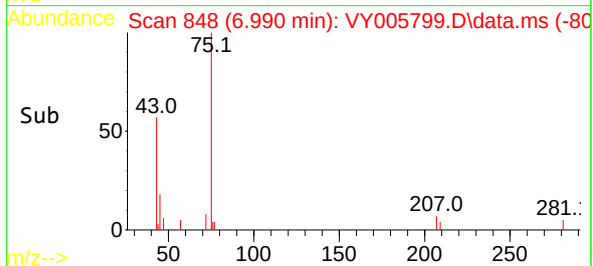
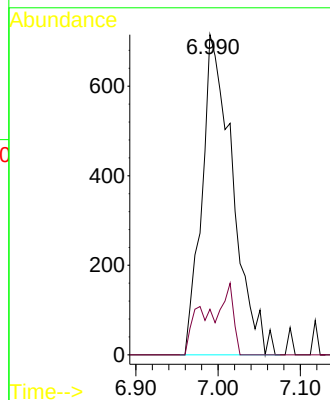
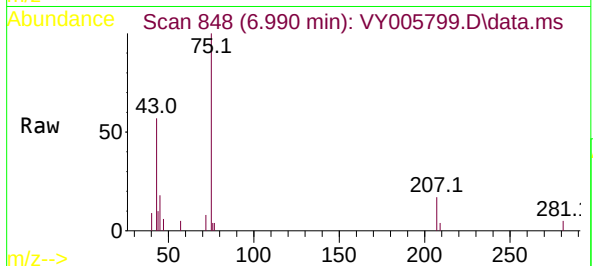
CON-B

Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

43 100

72 14.3 21.4 32.2#



#31

Cyclohexane

Concen: 1.125 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005799.D

Acq: 20 Aug 2021 17:38

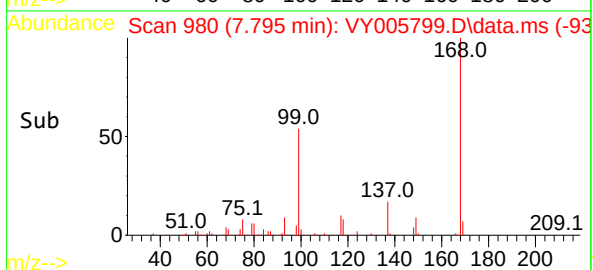
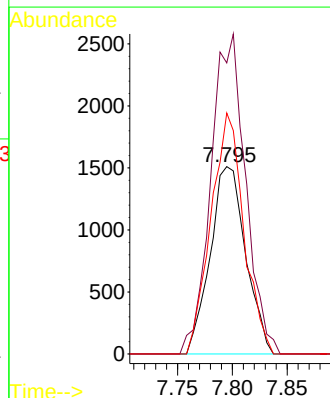
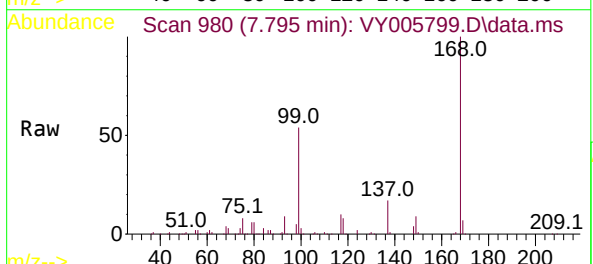
Tgt Ion: 56 Resp: 3401

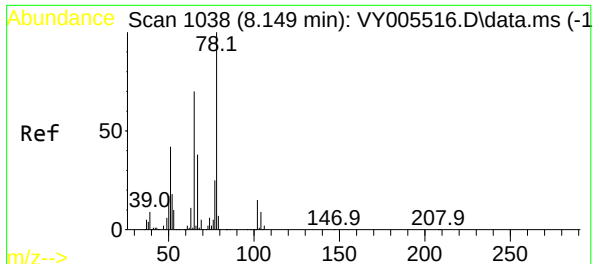
Ion Ratio Lower Upper

56 100

69 155.3 27.7 41.5#

84 128.6 70.9 106.3#

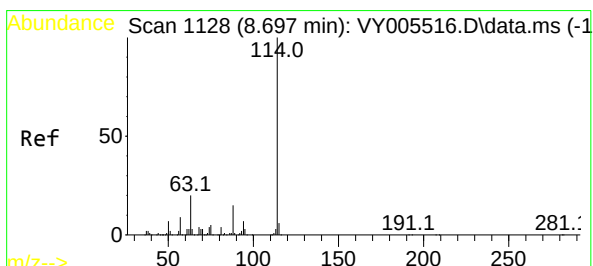
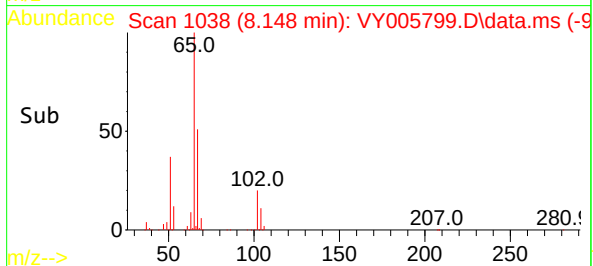
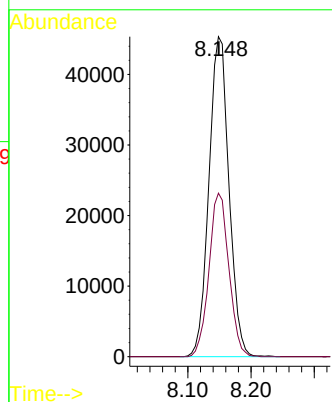
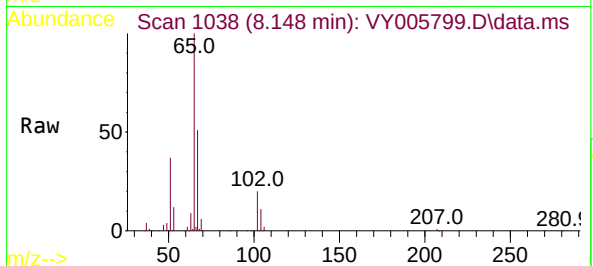




#33
1,2-Dichloroethane-d4
Concen: 56.613 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

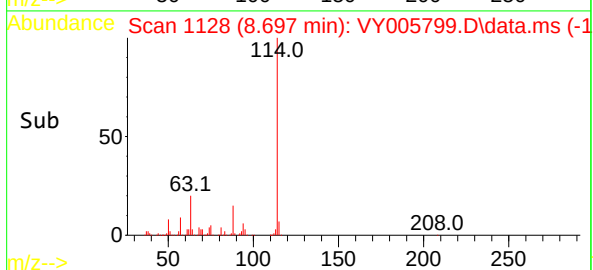
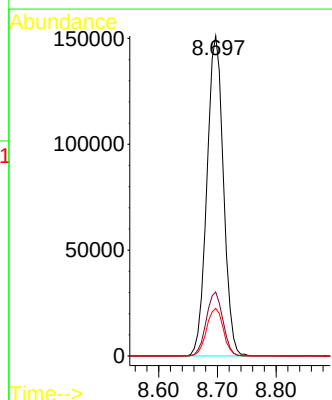
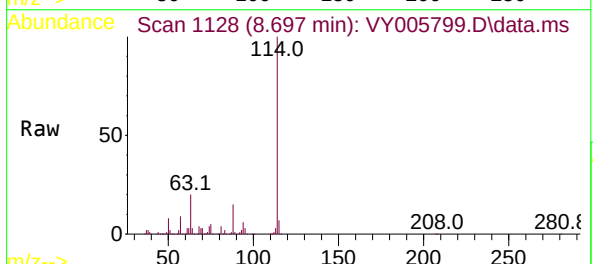
Instrument :
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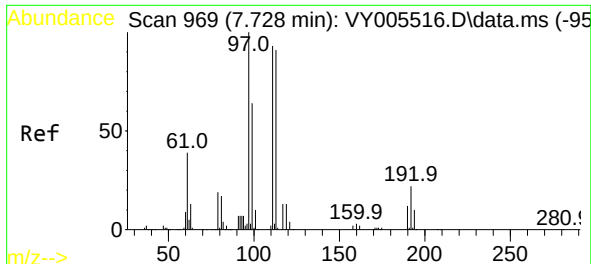
Tgt Ion: 65 Resp: 99791
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Tgt Ion: 114 Resp: 294695
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 14.9 0.0 30.8

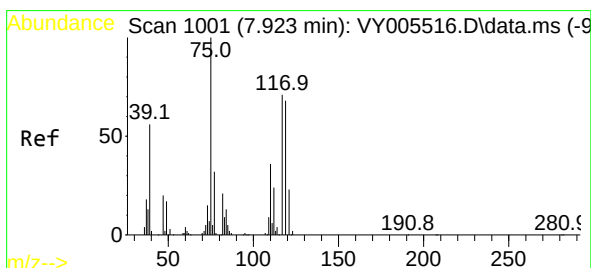
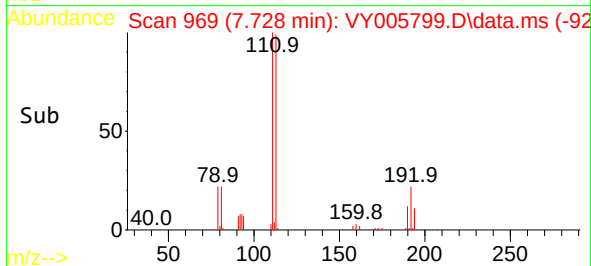
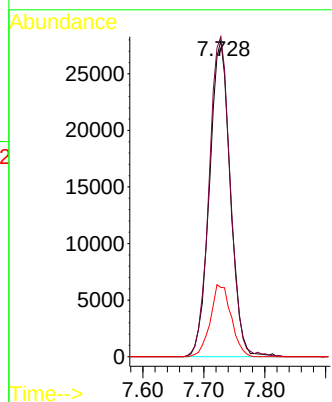
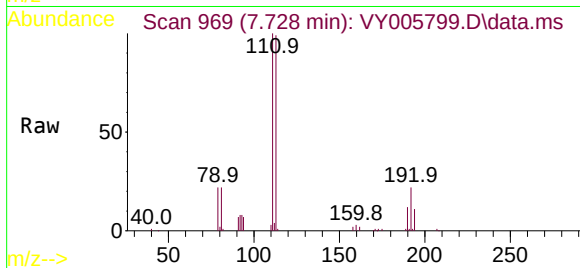




#35
Dibromofluoromethane
Concen: 40.117 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

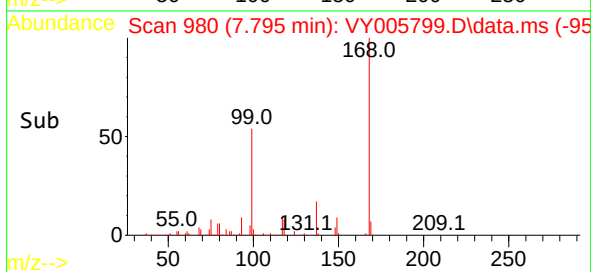
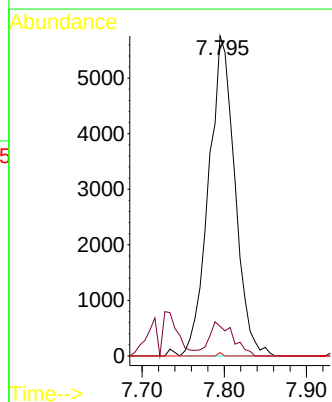
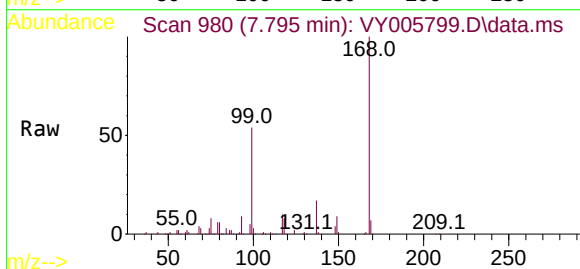
Instrument :
MSVOA_Y
ClientSampleId :
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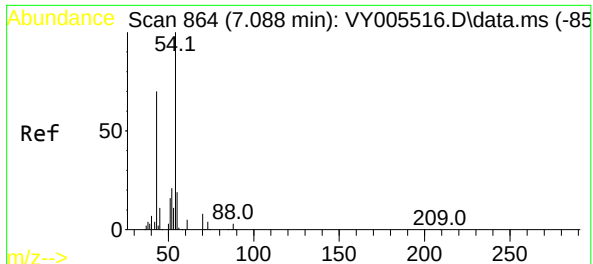
Tgt Ion:113 Resp: 66190
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 22.8 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Tgt Ion: 75 Resp: 12766
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.1#
77 0.2 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.108 ug/l

RT: 6.990 min Scan# 848

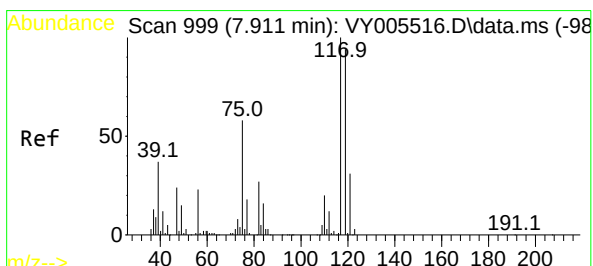
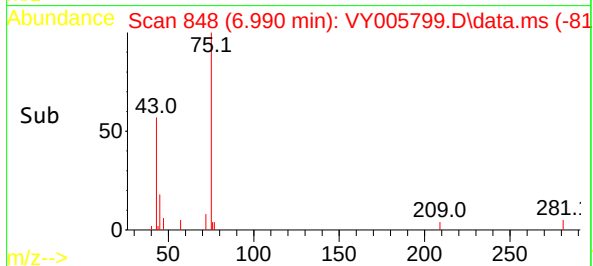
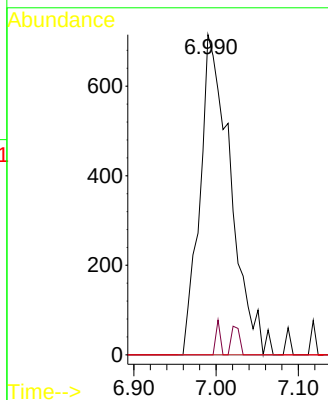
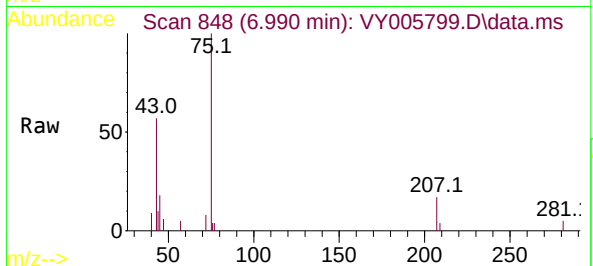
Delta R.T. -0.098 min

Lab File: VY005799.D

Acq: 20 Aug 2021 17:38

Tgt Ion:	43	Resp:	1855
Ion	Ratio	Lower	Upper
43	100		
61	1.6	10.6	15.8#
70	0.0	8.6	13.0#

Instrument :
MSVOA_Y
ClientSampleId :
CON-B



#38

Carbon Tetrachloride

Concen: 5.288 ug/l

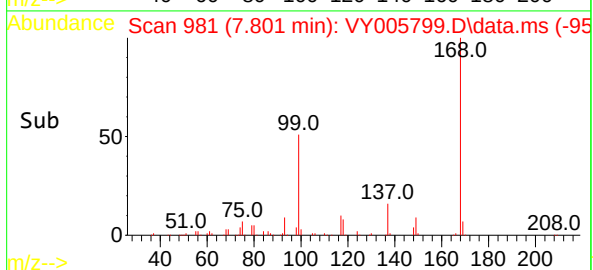
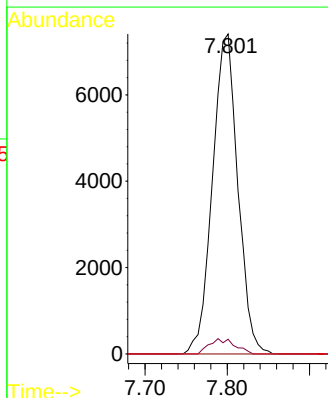
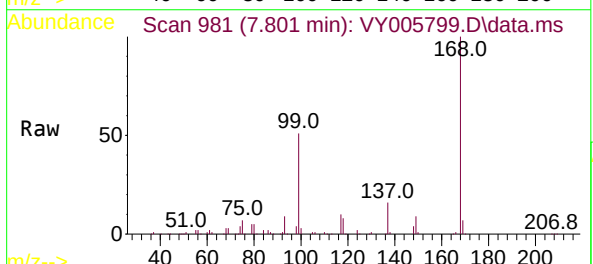
RT: 7.801 min Scan# 981

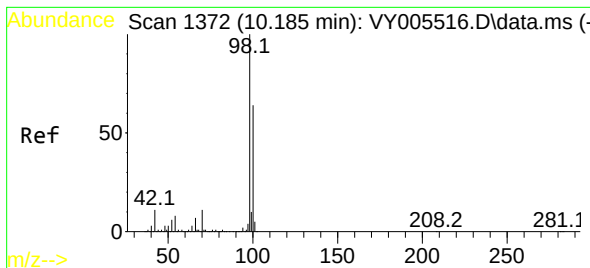
Delta R.T. -0.110 min

Lab File: VY005799.D

Acq: 20 Aug 2021 17:38

Tgt Ion:	117	Resp:	15886
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.4	113.0#
121	0.0	25.1	37.7#

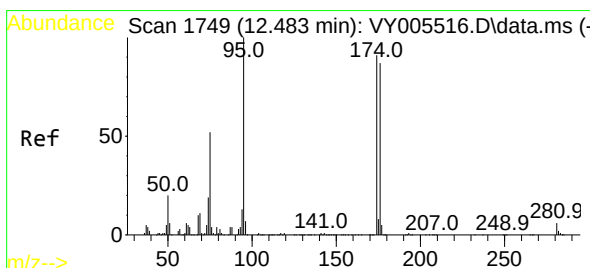
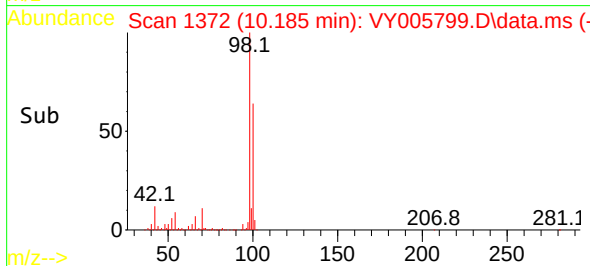
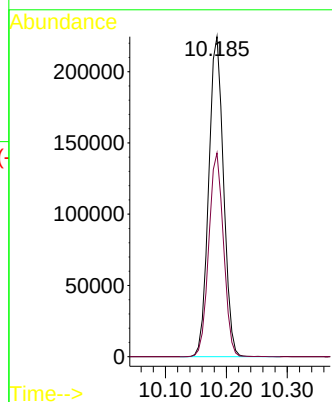
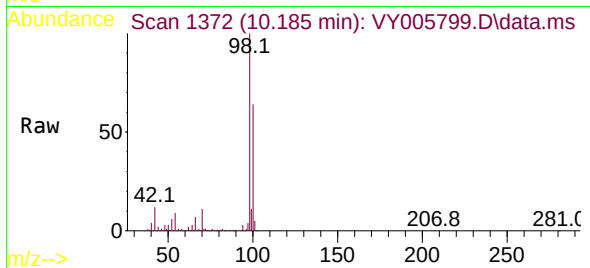




#50
Toluene-d8
Concen: 54.737 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

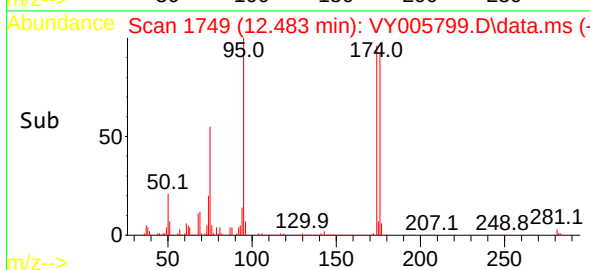
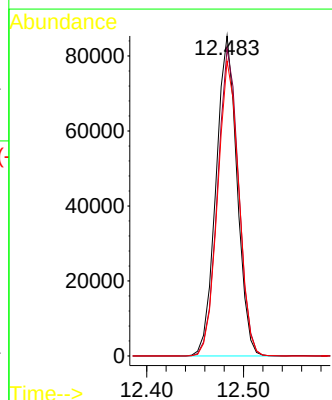
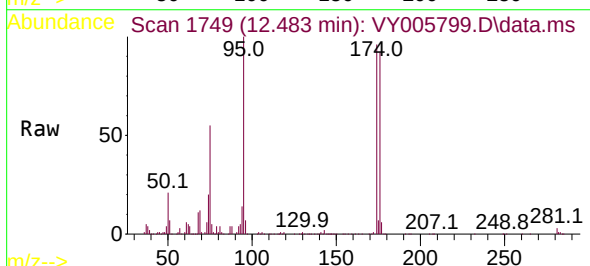
Instrument :
MSVOA_Y
ClientSampleId :
CON-B

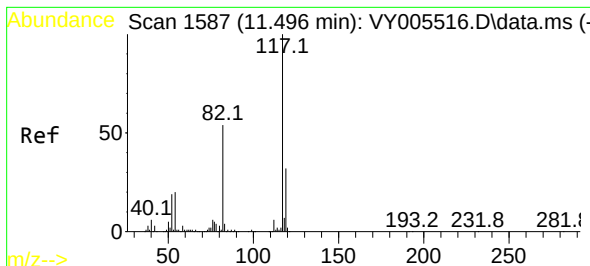
Tgt Ion: 98 Resp: 378761
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 56.165 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Tgt Ion: 95 Resp: 128699
Ion Ratio Lower Upper
95 100
174 96.0 0.0 191.4
176 92.7 0.0 183.6

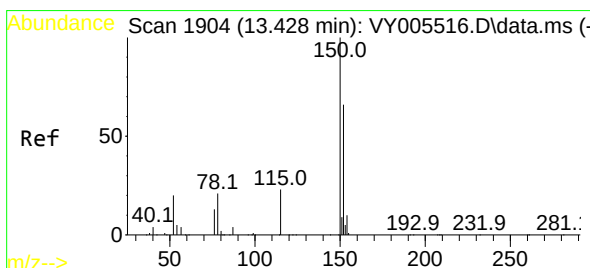
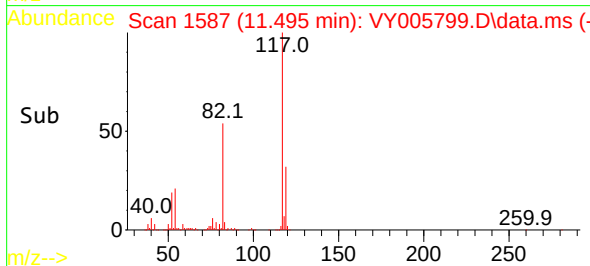
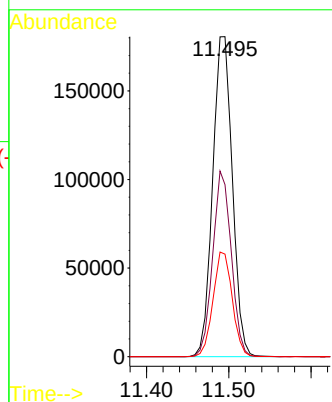
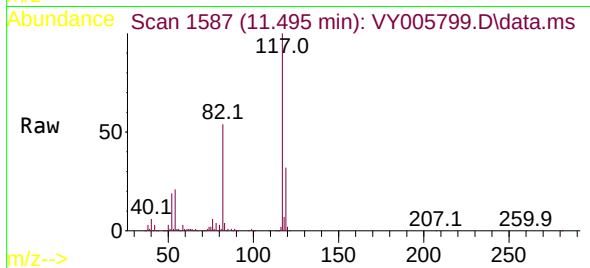




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

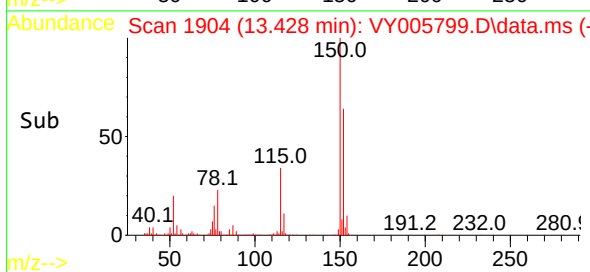
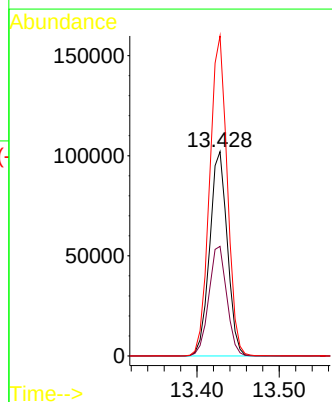
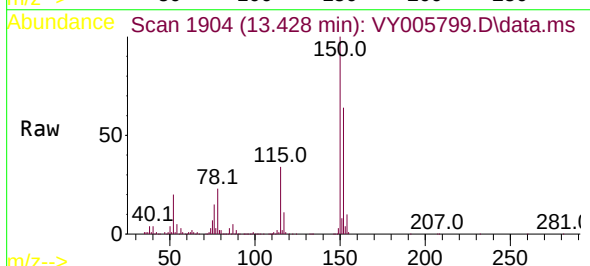
Instrument :
MSVOA_Y
ClientSampleId :
CON-B

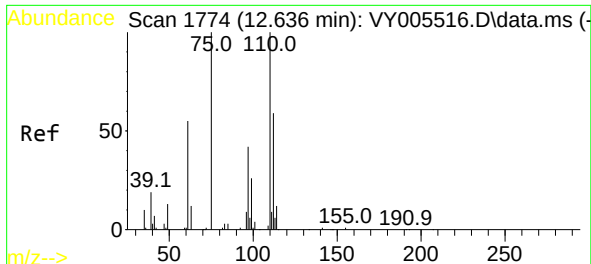
Tgt Ion:117 Resp: 299297
Ion Ratio Lower Upper
117 100
82 53.7 43.5 65.3
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Tgt Ion:152 Resp: 151980
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 156.5 0.0 350.2

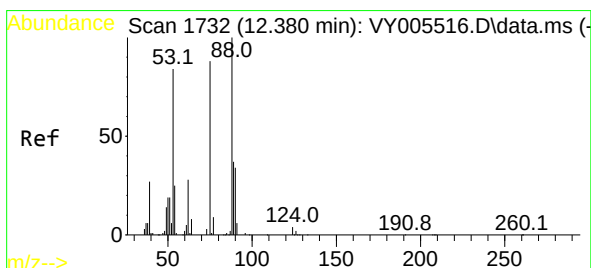
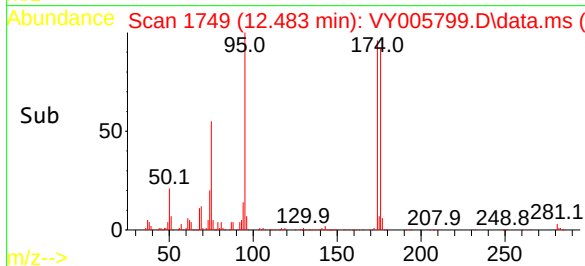
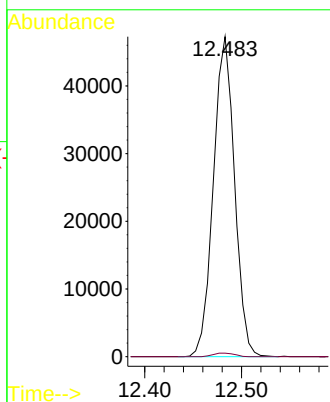
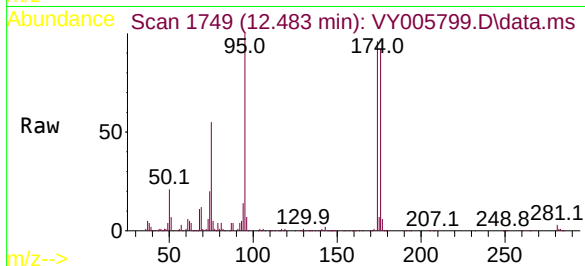




#76
1,2,3-Trichloropropane
Concen: 45.587 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Instrument :
MSVOA_Y
ClientSampleId :
CON-B

Tgt Ion: 75 Resp: 71798
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005799.D
Acq: 20 Aug 2021 17:38

Tgt Ion: 75 Resp: 71798
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.0 38.4 57.6#

