

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005932.D
 Acq On : 01 Sep 2021 15:50
 Operator : SY/MD
 Sample : M3612-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1

Quant Time: Sep 02 07:49:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

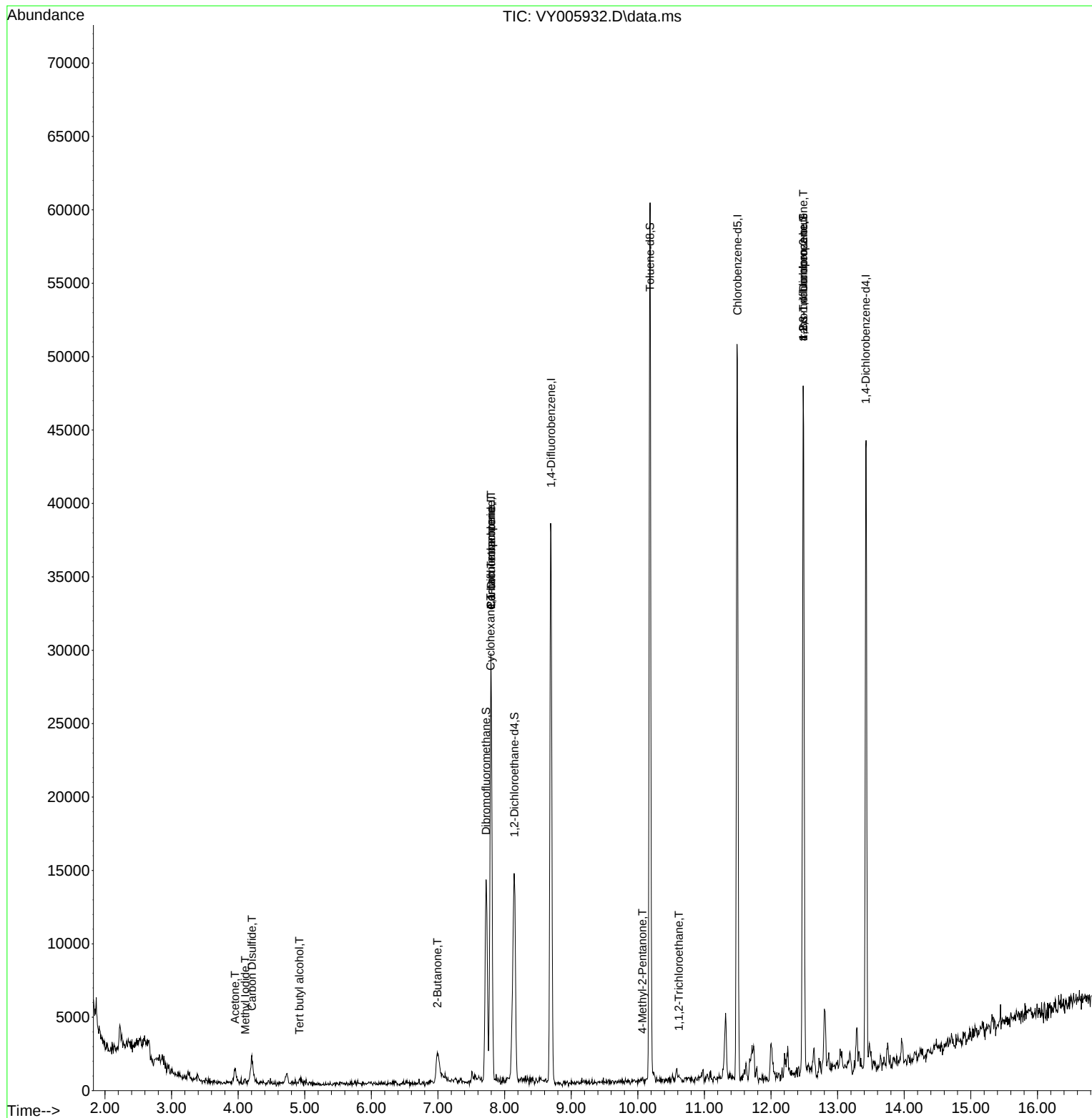
Internal Standards						
1) Pentafluorobenzene	7.795	168	23351	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	33326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	27970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	10366	44.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.10%
35) Dibromofluoromethane	7.722	113	9586	51.22	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.44%
50) Toluene-d8	10.185	98	40289	51.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.58%
62) 4-Bromofluorobenzene	12.483	95	10922	41.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.82%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.106	142	354	1.43	ug/l #	46
11) Tert butyl alcohol	4.917	59	188	4.06	ug/l #	80
16) Acetone	3.954	43	1806	30.10	ug/l	92
17) Carbon Disulfide	4.204	76	865	1.35	ug/l #	76
20) Methylene Chloride	4.741	84	555	Below	Cal #	51
25) 2-Butanone	6.990	43	185	2.18	ug/l #	47
31) Cyclohexane	7.789	56	458	1.15	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	1764	5.62	ug/l #	48
38) Carbon Tetrachloride	7.795	117	2149	6.32	ug/l #	12
51) 4-Methyl-2-Pentanone	10.069	43	232	1.26	ug/l #	35
55) 1,1,2-Trichloroethane	10.618	97	205	1.14	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	5943	53.29	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5943	101.35	ug/l #	13

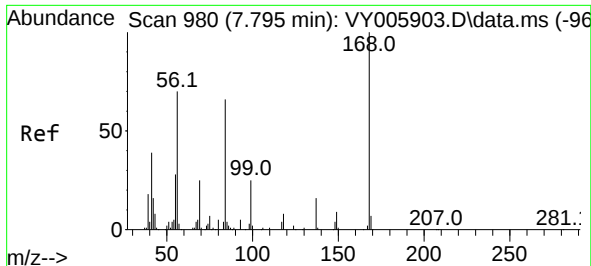
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Sep 01 05:32:43 2021
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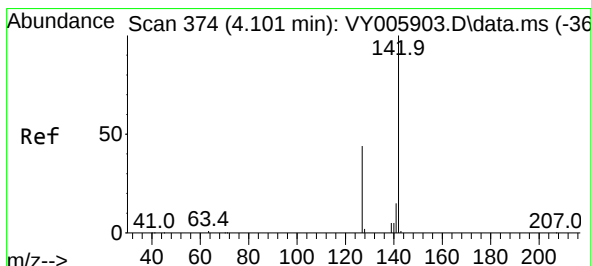
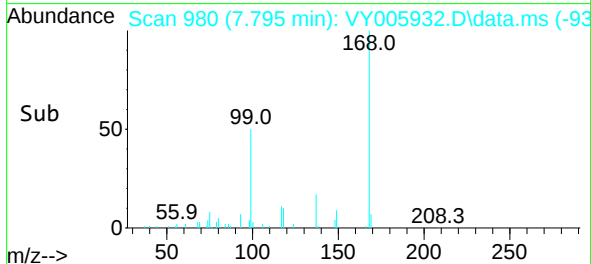
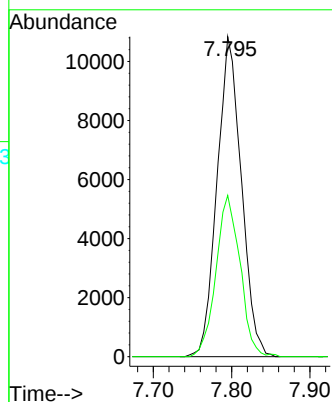
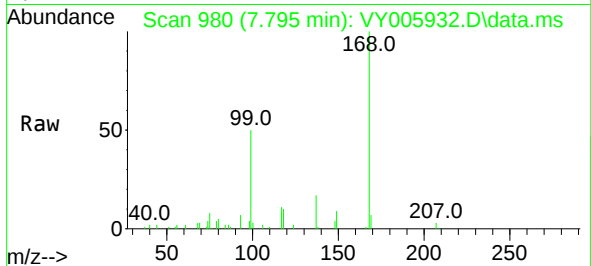




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

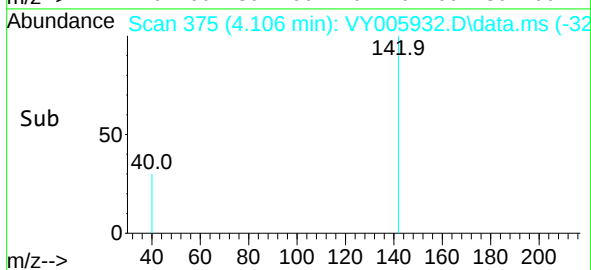
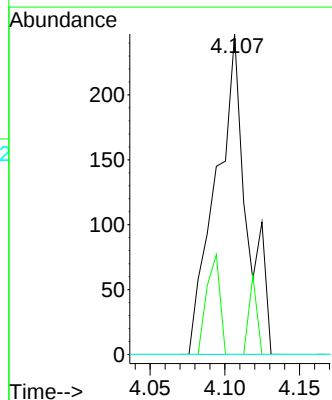
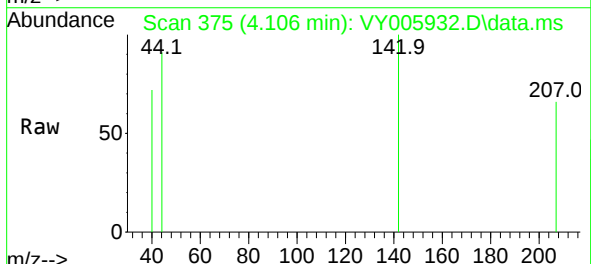
Instrument :
MSVOA_Y
ClientSampled :
M-1

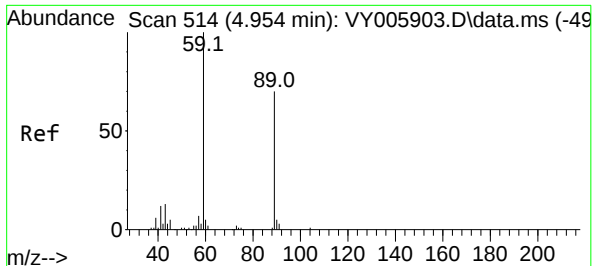
Tgt Ion:168 Resp: 23351
Ion Ratio Lower Upper
168 100
99 50.4 40.6 60.8



#10
Methyl Iodide
Concen: 1.43 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion:142 Resp: 354
Ion Ratio Lower Upper
142 100
127 6.2 36.7 55.1#
141 0.0 11.8 17.8#



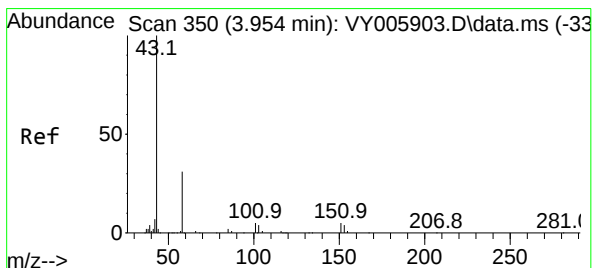
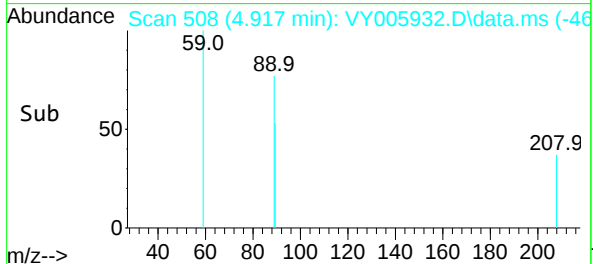
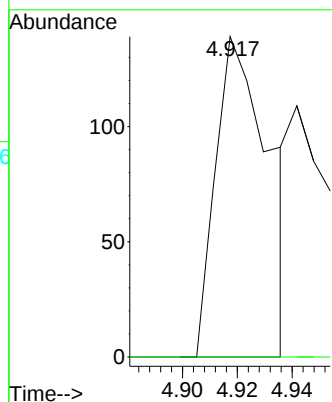
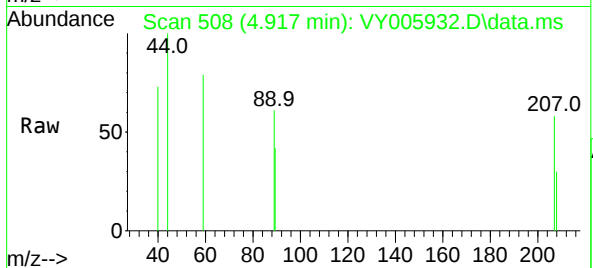


#11

Tert butyl alcohol
Concen: 4.06 ug/l
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Instrument :
MSVOA_Y
ClientSampled :
M-1

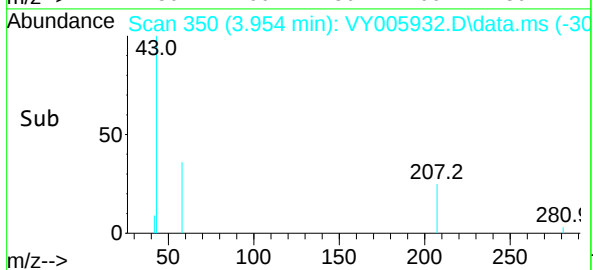
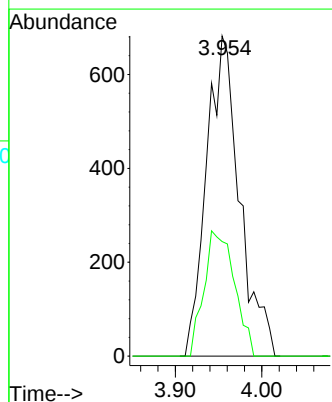
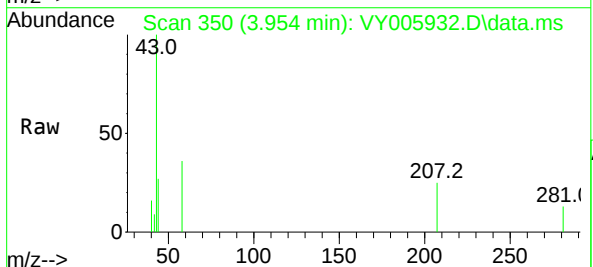
Tgt Ion: 59 Resp: 188
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

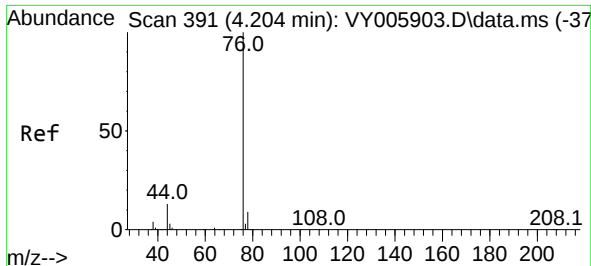


#16

Acetone
Concen: 30.10 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
58 35.8 25.1 37.7

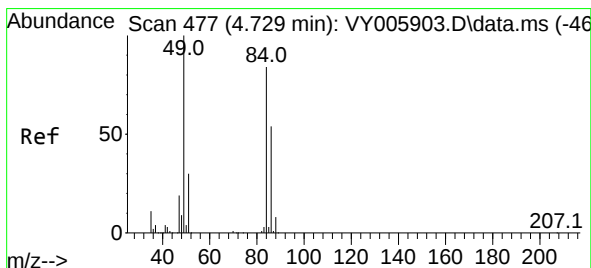
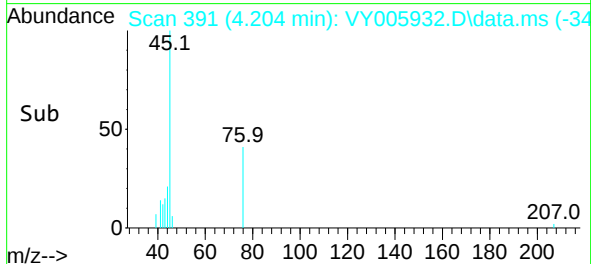
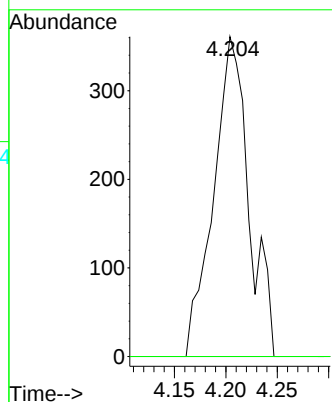
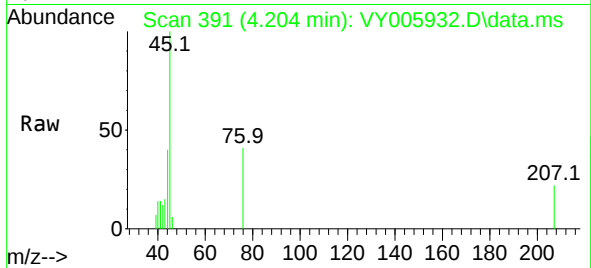




#17
Carbon Disulfide
Concen: 1.35 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

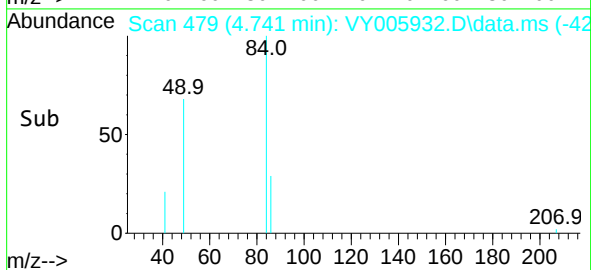
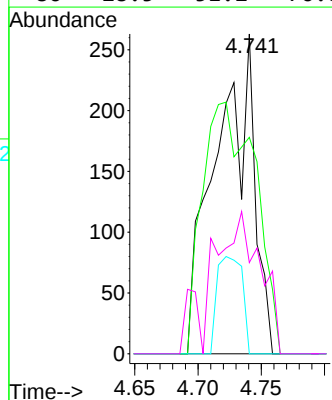
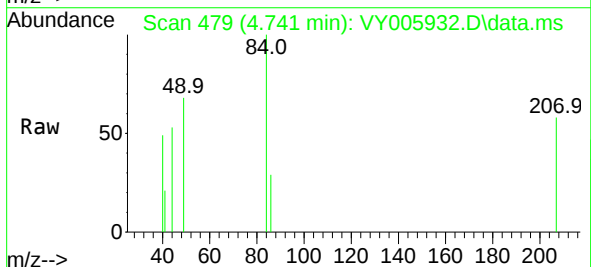
Instrument :
MSVOA_Y
ClientSampleId :
M-1

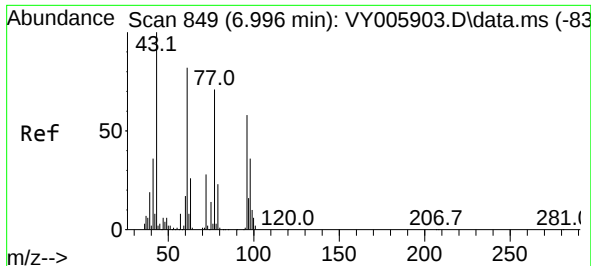
Tgt Ion: 76 Resp: 865
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion: 84 Resp: 555
Ion Ratio Lower Upper
84 100
49 67.7 95.7 143.5#
51 0.0 29.0 43.6#
86 28.5 51.2 76.8#

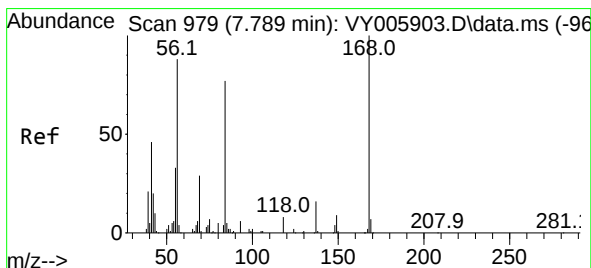
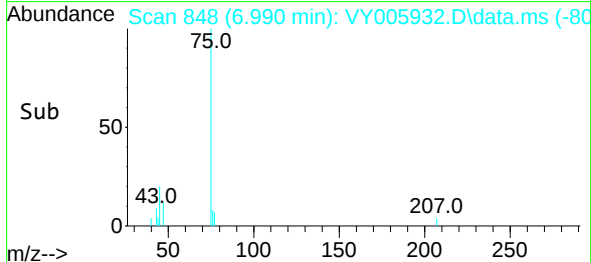
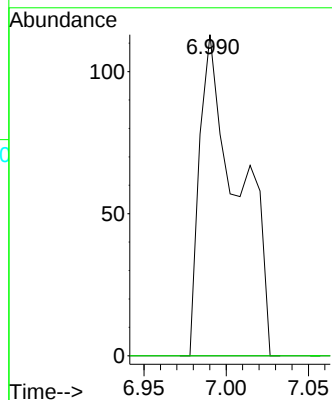
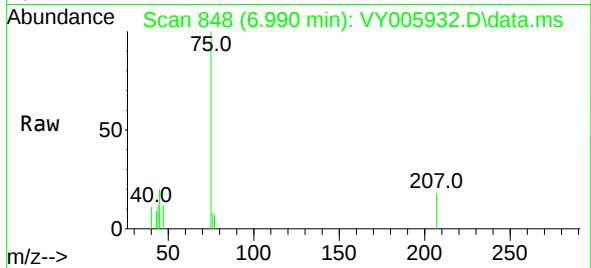




#25
2-Butanone
Concen: 2.18 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

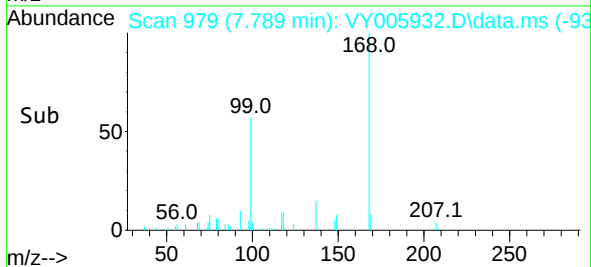
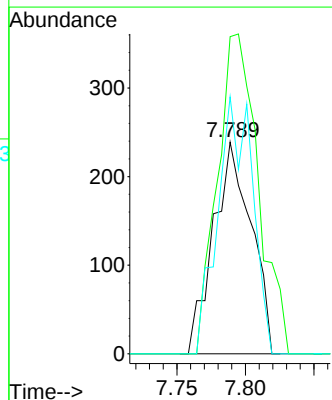
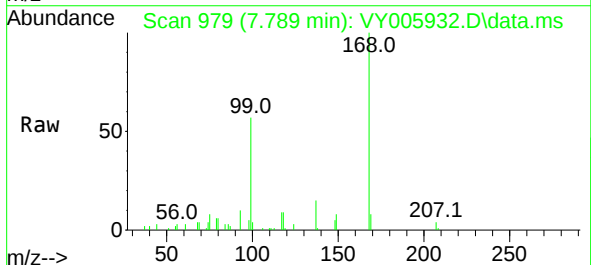
Instrument :
MSVOA_Y
ClientSampled :
M-1

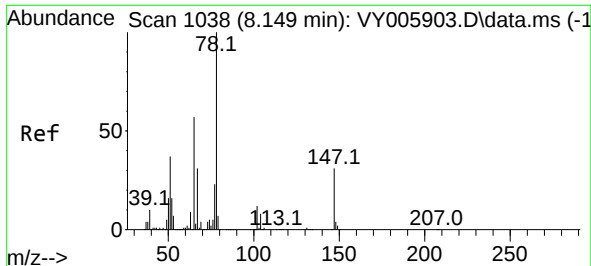
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#



#31
Cyclohexane
Concen: 1.15 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion: 56 Resp: 458
Ion Ratio Lower Upper
56 100
69 149.8 26.3 39.5#
84 121.3 69.8 104.8#

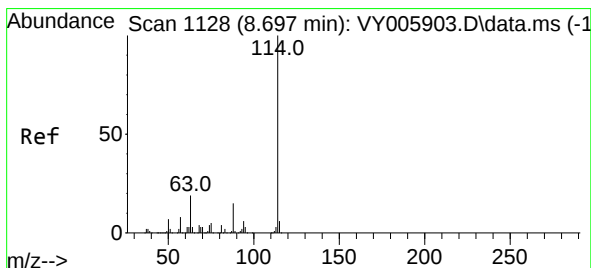
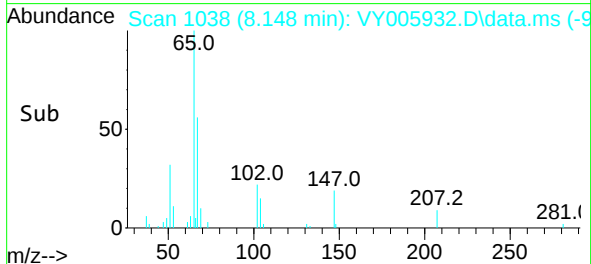
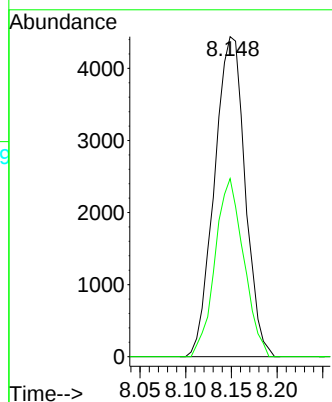
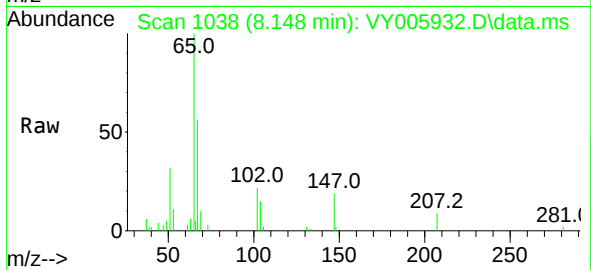




#33
1,2-Dichloroethane-d4
Concen: 44.05 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

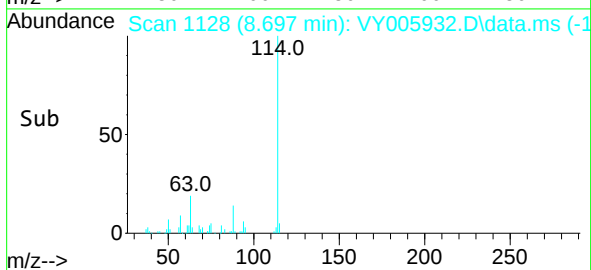
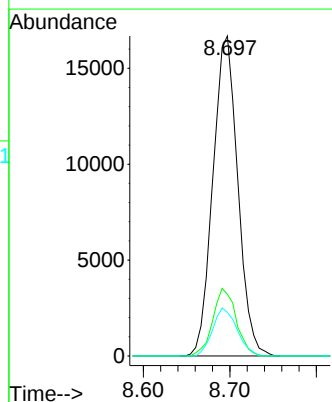
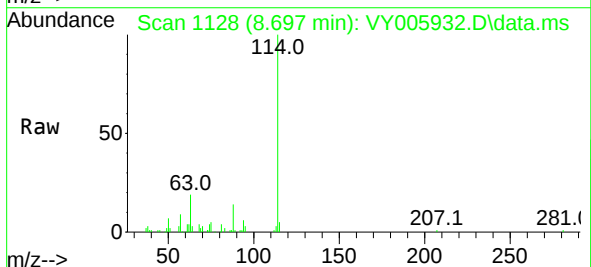
Instrument :
MSVOA_Y
ClientSampled :
M-1

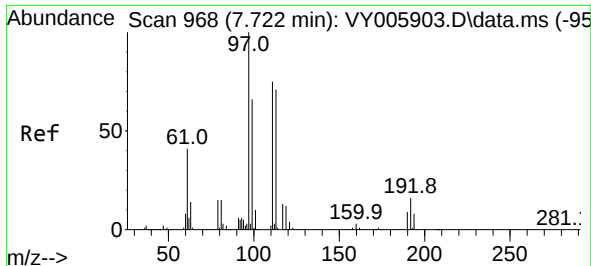
Tgt Ion: 65 Resp: 10366
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion: 114 Resp: 33326
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 13.6 0.0 30.0

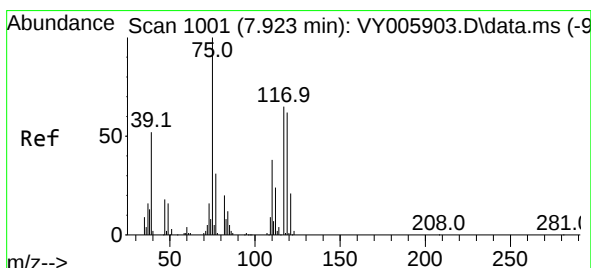
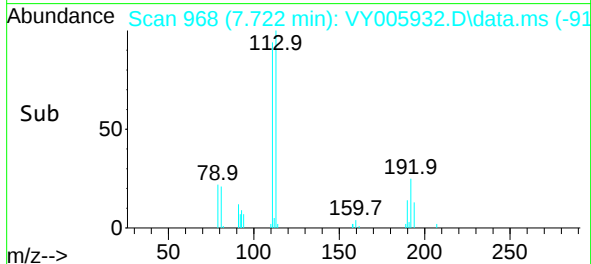
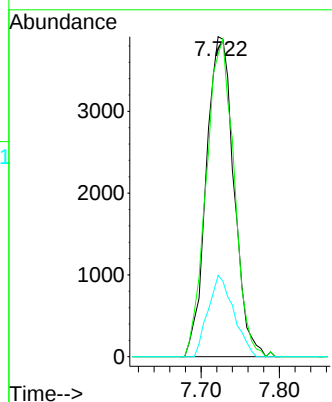
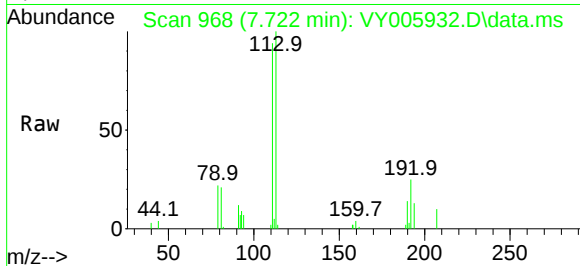




#35
Dibromofluoromethane
Concen: 51.22 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

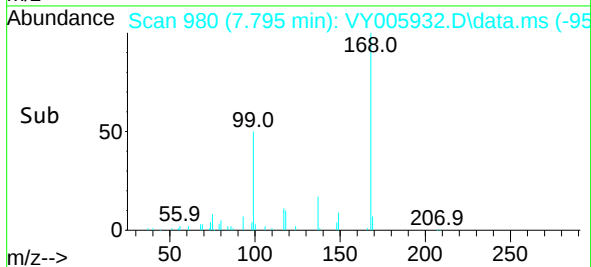
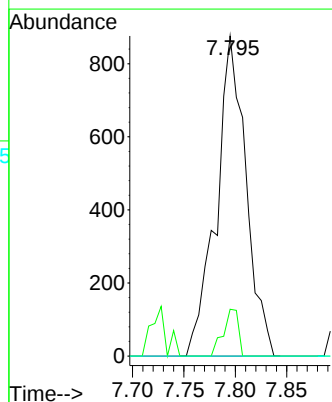
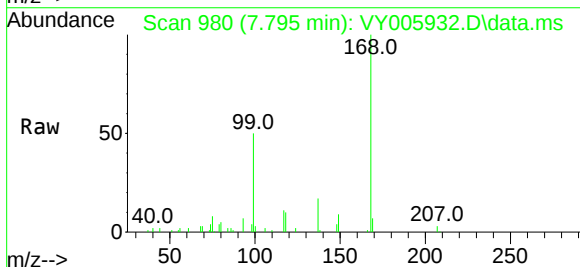
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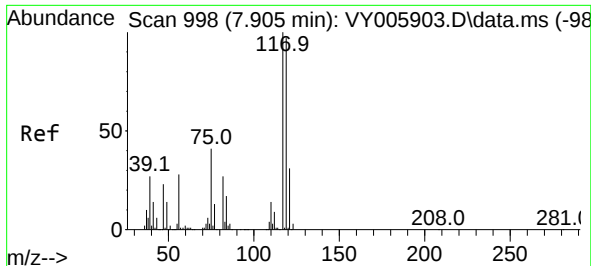
Tgt Ion:	113	Resp:	9586
Ion	Ratio	Lower	Upper
113	100		
111	99.7	81.9	122.9
192	23.4	19.4	29.0



#36
1,1-Dichloropropene
Concen: 5.62 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion:	75	Resp:	1764
Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.1	54.3#
77	0.0	24.9	37.3#

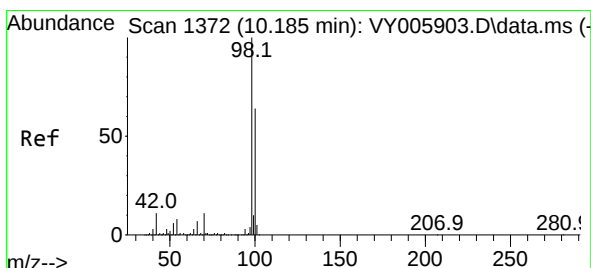
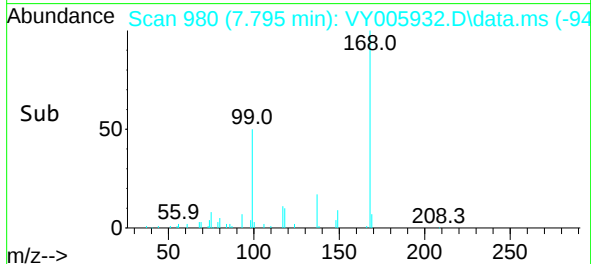
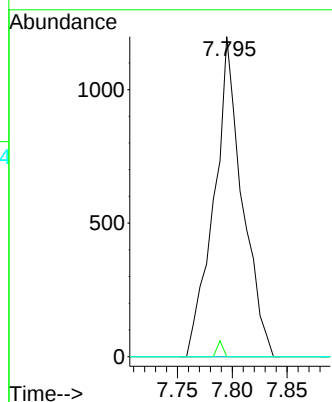
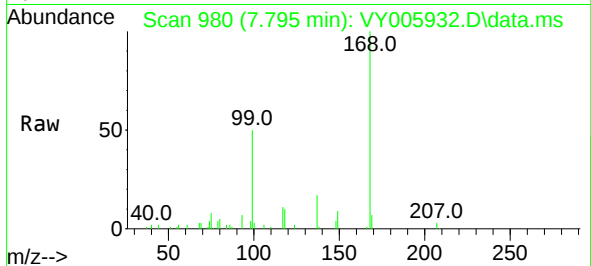




#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

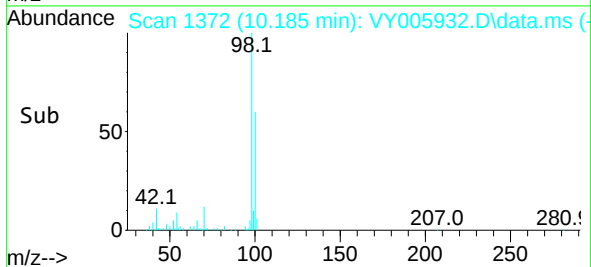
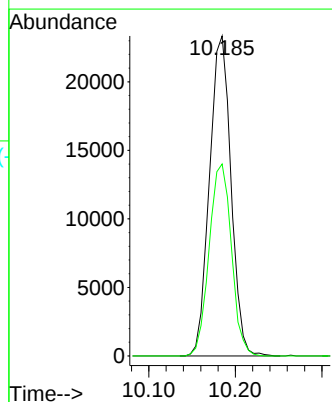
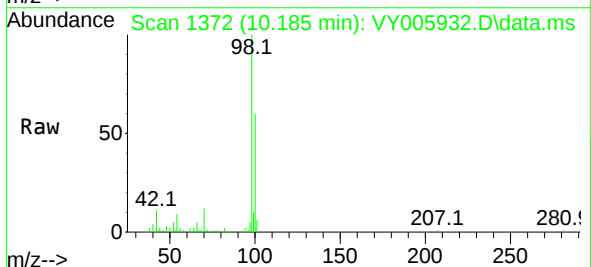
Instrument :
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ClientSampled :
M-1

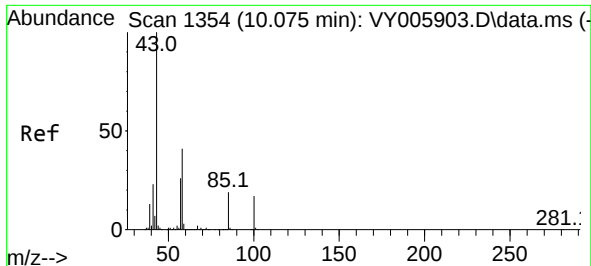
Tgt Ion:117 Resp: 2149
Ion Ratio Lower Upper
117 100
119 0.0 77.5 116.3#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.29 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion: 98 Resp: 40289
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3

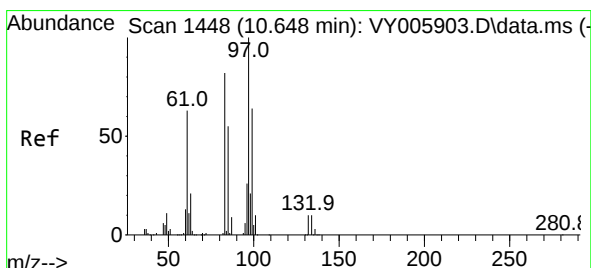
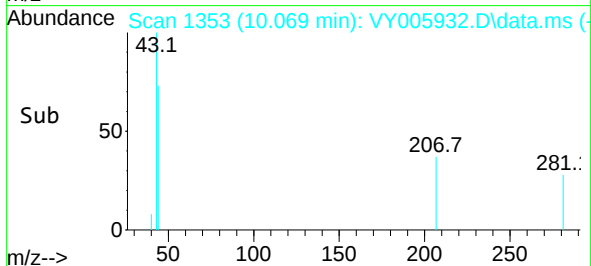
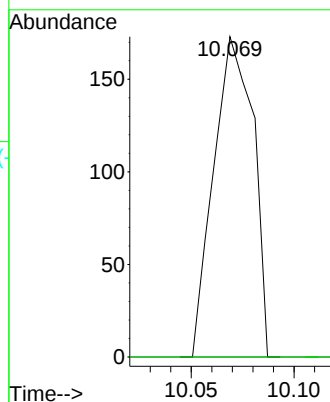
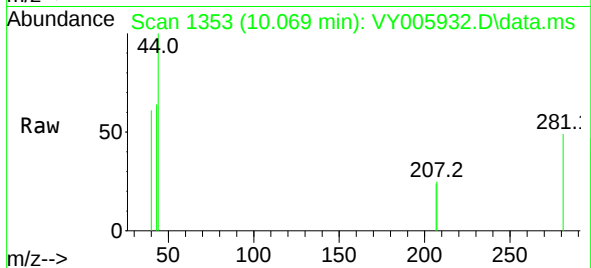




#51
4-Methyl-2-Pentanone
Concen: 1.26 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

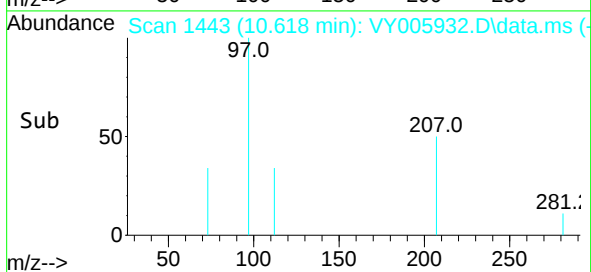
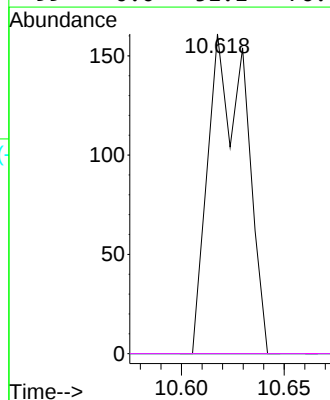
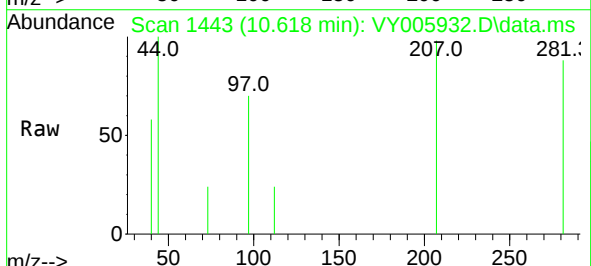
Instrument :
MSVOA_Y
ClientSampled :
M-1

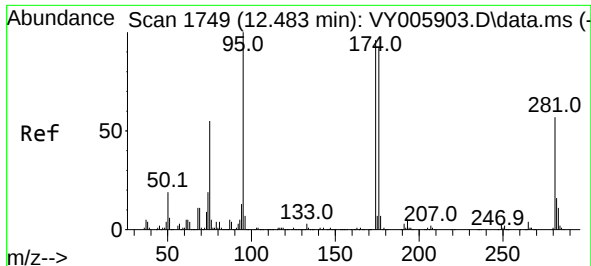
Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
58 0.0 31.8 47.8#



#55
1,1,2-Trichloroethane
Concen: 1.14 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.031 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion: 97 Resp: 205
Ion Ratio Lower Upper
97 100
83 0.0 65.9 98.9#
85 0.0 44.2 66.4#
99 0.0 51.1 76.7#

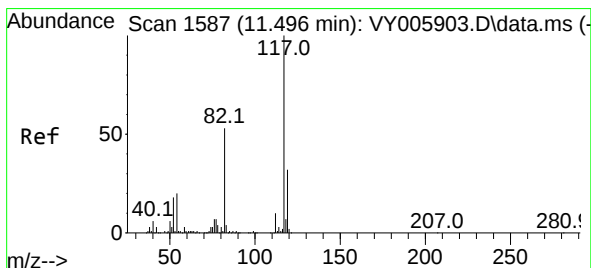
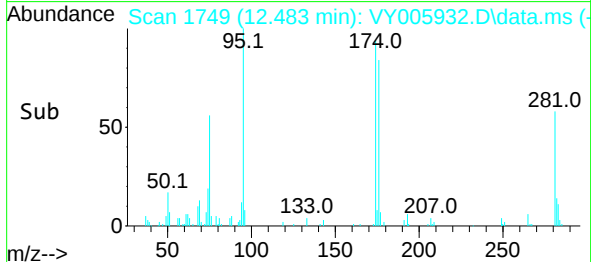
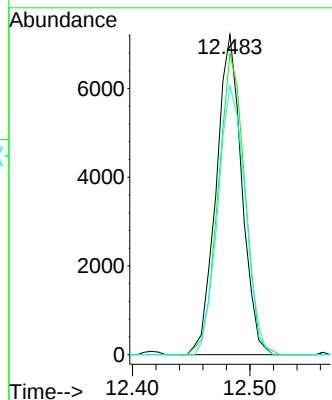
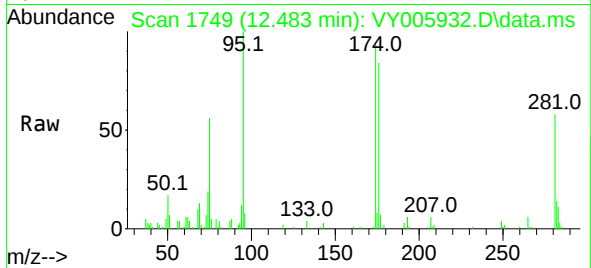




#62
4-Bromofluorobenzene
Concen: 41.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

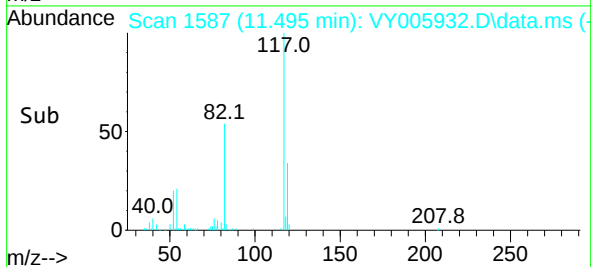
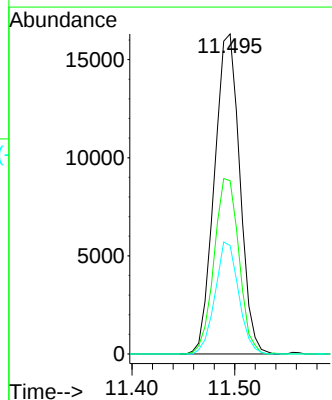
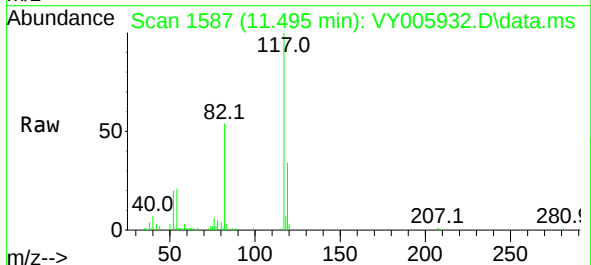
Instrument :
MSVOA_Y
ClientSampleId :
M-1

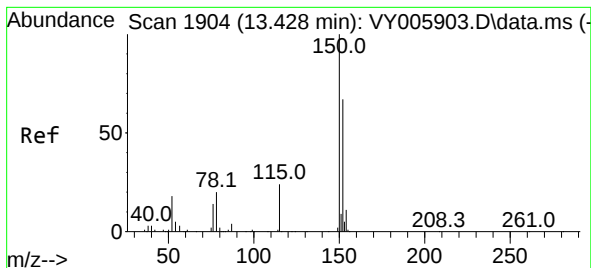
Tgt Ion: 95 Resp: 10922
Ion Ratio Lower Upper
95 100
174 97.7 0.0 192.4
176 90.0 0.0 186.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005932.D
Acq: 01 Sep 2021 15:50

Tgt Ion: 117 Resp: 27970
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 33.9 25.4 38.0

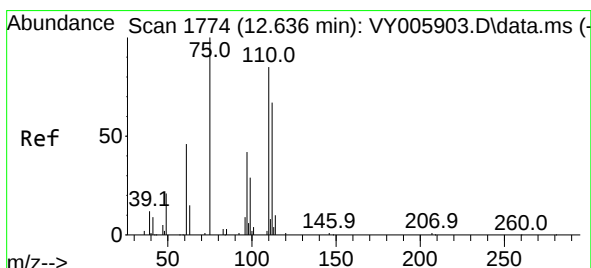
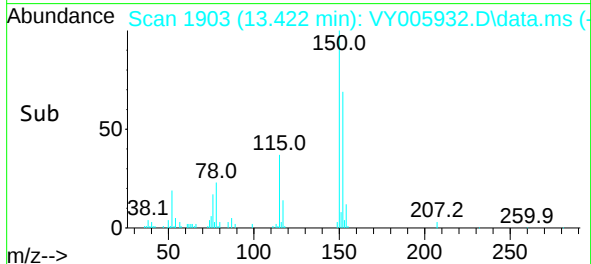
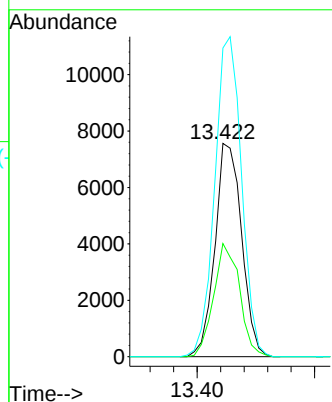
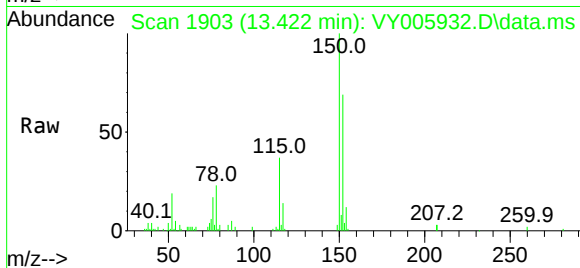




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY005932.D
 Acq: 01 Sep 2021 15:50

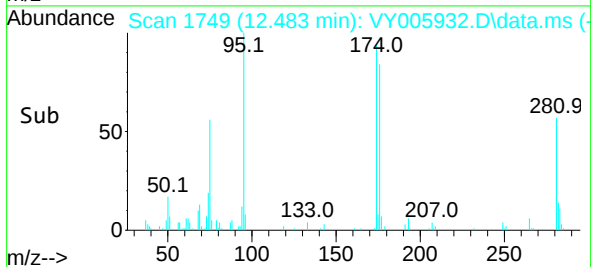
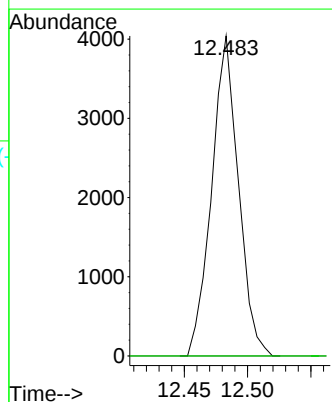
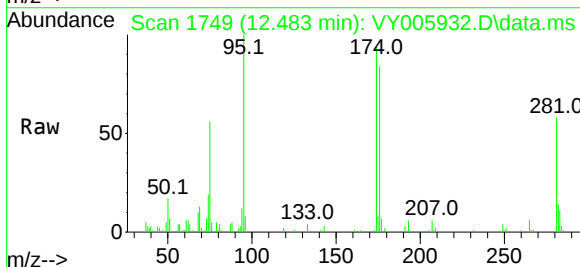
Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1

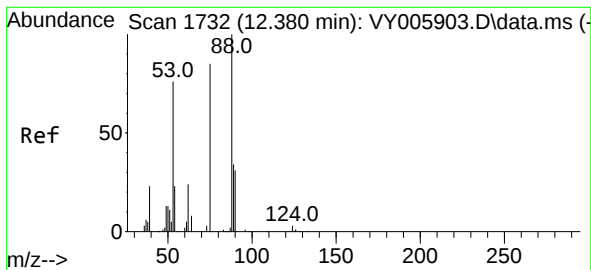
Tgt Ion:152 Resp: 11915
 Ion Ratio Lower Upper
 152 100
 115 51.6 26.8 80.4
 150 150.7 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 53.29 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005932.D
 Acq: 01 Sep 2021 15:50

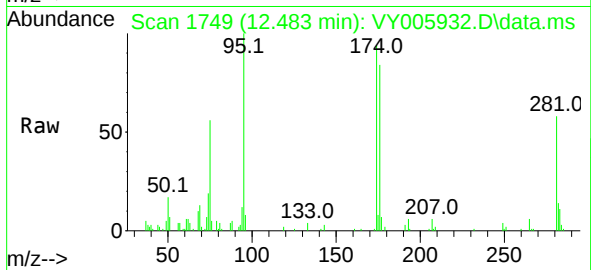
Tgt Ion: 75 Resp: 5943
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.35 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005932.D
 Acq: 01 Sep 2021 15:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1



Tgt Ion:	75	Resp:	5943
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.8	107.8#
89	0.0	35.8	53.6#

