

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004505.D
 Acq On : 19 Apr 2021 17:58
 Operator : SY/MD
 Sample : M2076-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-0-2.0

Quant Time: Apr 20 01:50:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

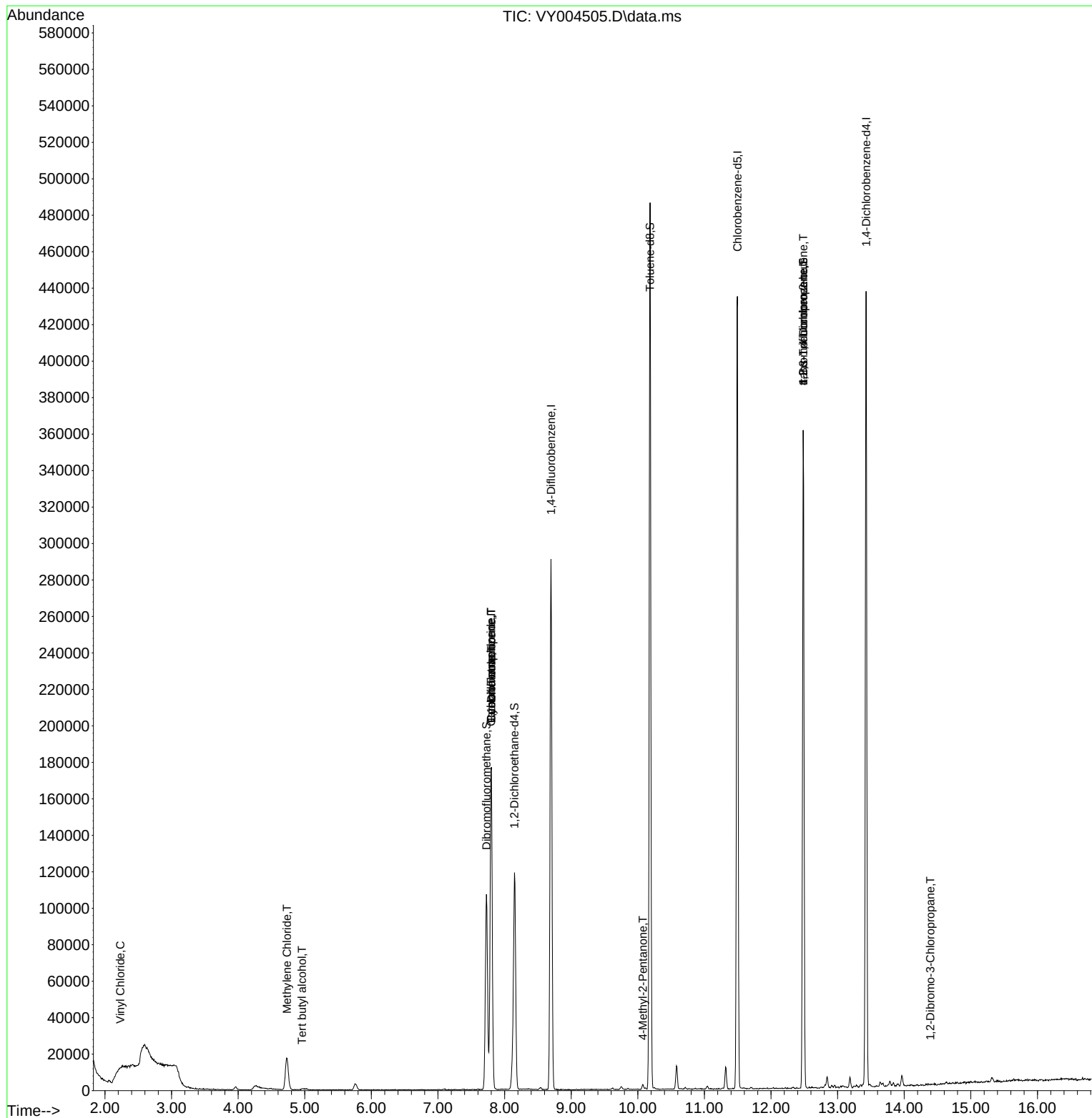
Internal Standards						
1) Pentafluorobenzene	7.801	168	135502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	226701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86225	57.27	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.54%
35) Dibromofluoromethane	7.728	113	72945	55.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.84%
50) Toluene-d8	10.185	98	296296	53.40	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.80%
62) 4-Bromofluorobenzene	12.483	95	99801	53.01	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.02%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.229	62	6197	3.23	ug/l #	43
11) Tert butyl alcohol	4.960	59	1532	10.33	ug/l #	81
16) Acetone	3.966	43	2852	Below	Cal	93
20) Methylene Chloride	4.735	84	12630	8.69	ug/l	97
31) Cyclohexane	7.801	56	3211	1.16	ug/l #	48
36) 1,1-Dichloropropene	7.801	75	10941	4.68	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13484	6.68	ug/l #	16
51) 4-Methyl-2-Pentanone	10.075	43	1931	1.32	ug/l	89
76) 1,2,3-Trichloropropane	12.483	75	55951	49.82	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55951	89.12	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.391	75	326	1.19	ug/l #	2

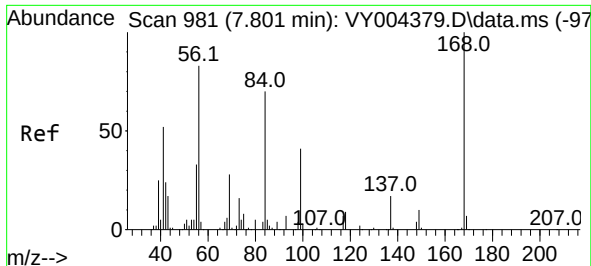
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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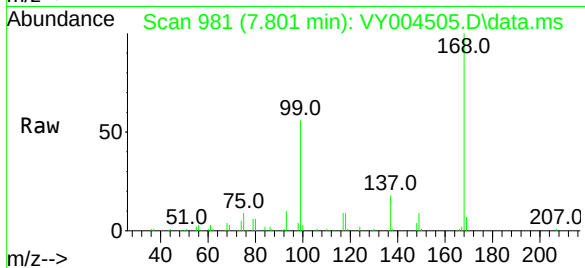
Quant Time: Apr 20 01:50:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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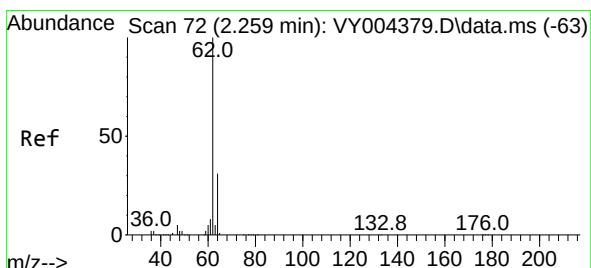
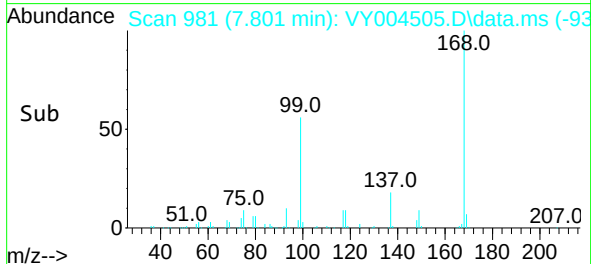
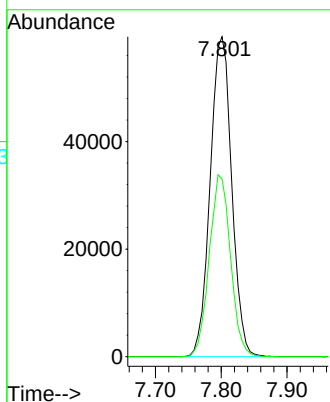


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2.0

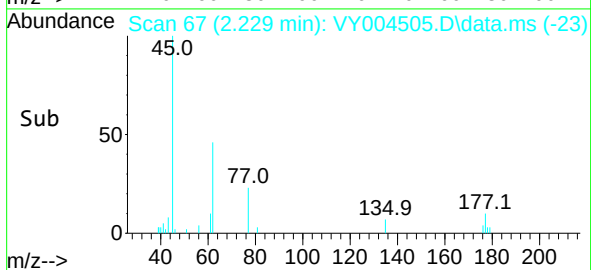
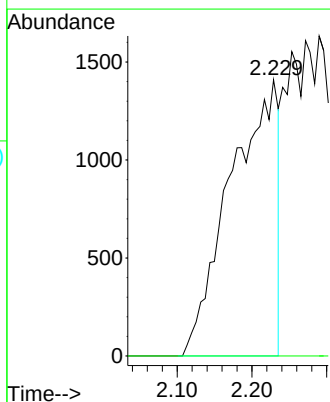
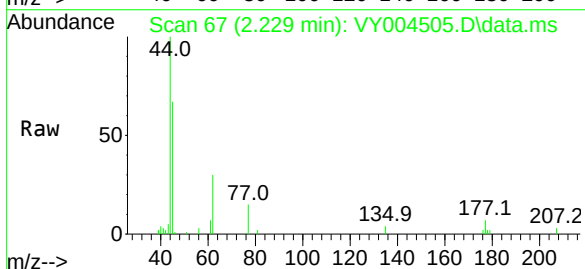


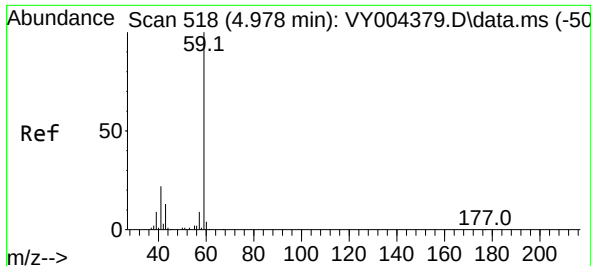
Tgt Ion:168 Resp: 135502
Ion Ratio Lower Upper
168 100
99 55.6 45.5 68.3



#4
Vinyl Chloride
Concen: 3.23 ug/l
RT: 2.229 min Scan# 67
Delta R.T. -0.030 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

Tgt Ion: 62 Resp: 6197
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 10.33 ug/l

RT: 4.960 min Scan# 515

Delta R.T. -0.018 min

Lab File: VY004505.D

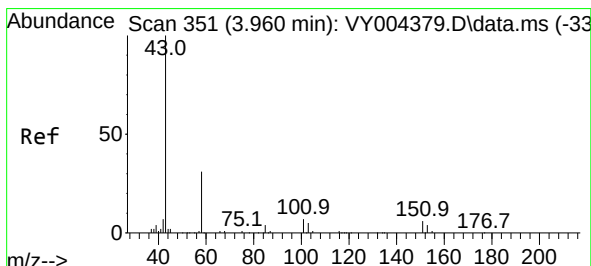
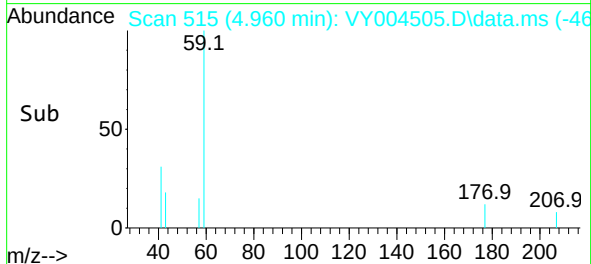
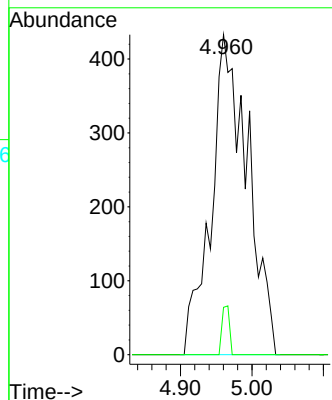
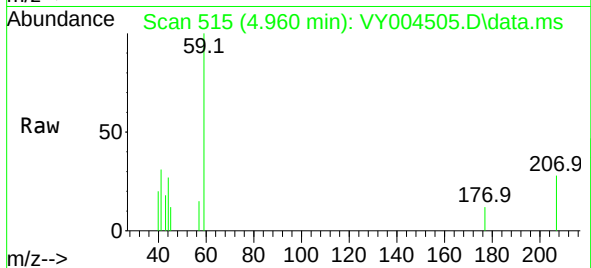
Acq: 19 Apr 2021 17:58

Tgt Ion: 59 Resp: 1532

Ion Ratio Lower Upper

59 100

57 3.1 8.1 12.1#



#16

Acetone

Concen: Below Cal

RT: 3.966 min Scan# 352

Delta R.T. 0.006 min

Lab File: VY004505.D

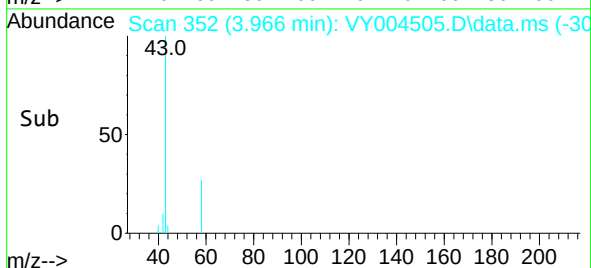
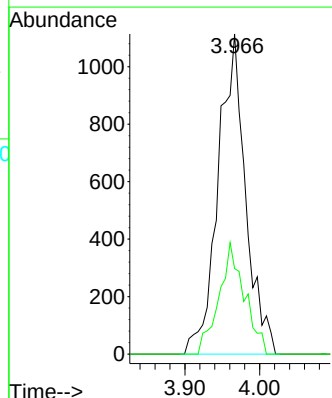
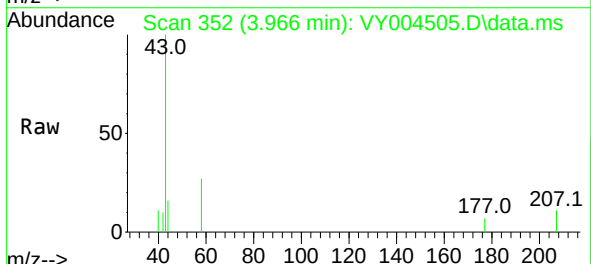
Acq: 19 Apr 2021 17:58

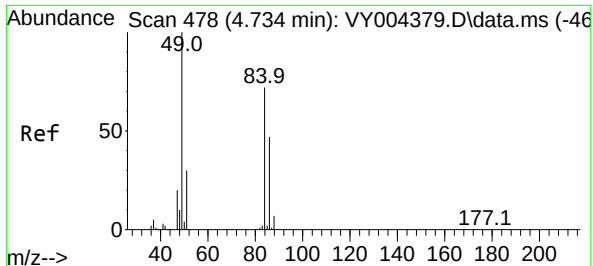
Tgt Ion: 43 Resp: 2852

Ion Ratio Lower Upper

43 100

58 26.8 24.6 37.0



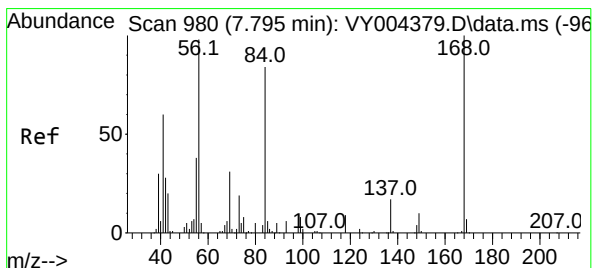
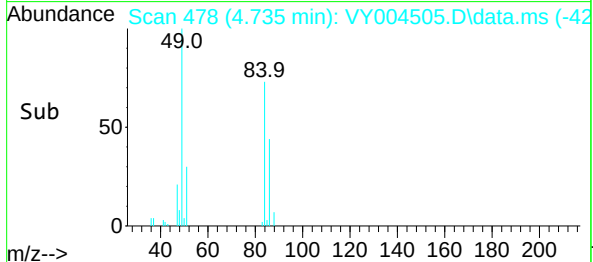
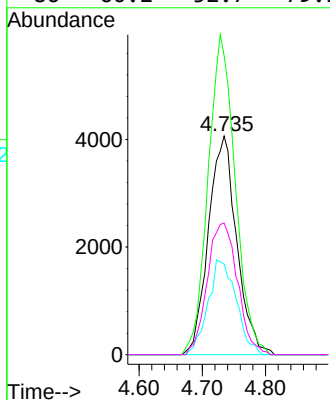
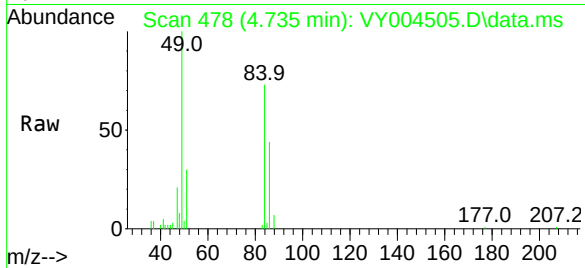


#20
Methylene Chloride
Concen: 8.69 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2.0

Tgt Ion: 84 Resp: 12630

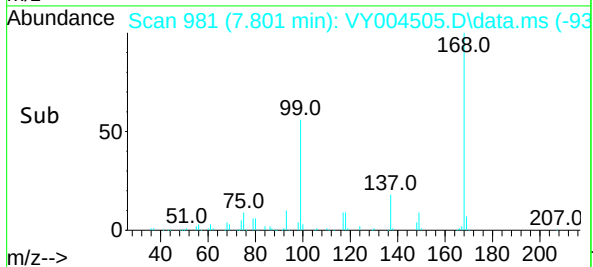
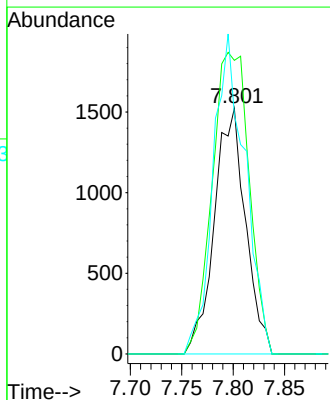
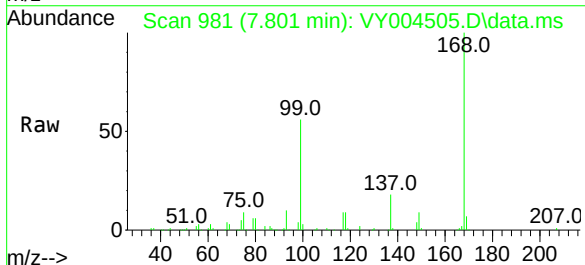
Ion	Ratio	Lower	Upper
84	100		
49	136.9	111.2	166.8
51	41.5	33.4	50.2
86	60.2	52.7	79.1

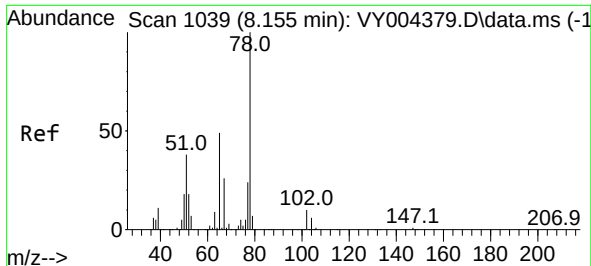


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

Tgt Ion: 56 Resp: 3211

Ion	Ratio	Lower	Upper
56	100		
69	119.5	25.8	38.6#
84	97.4	68.2	102.4

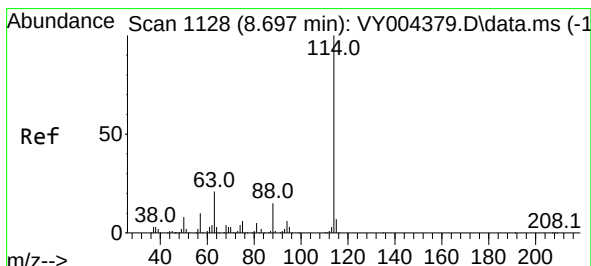
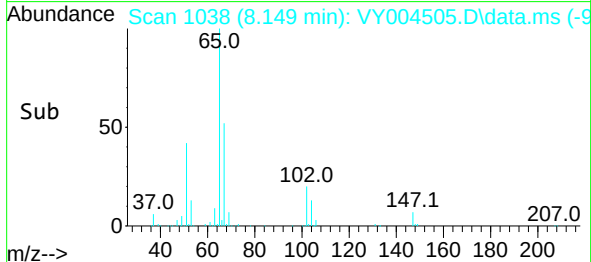
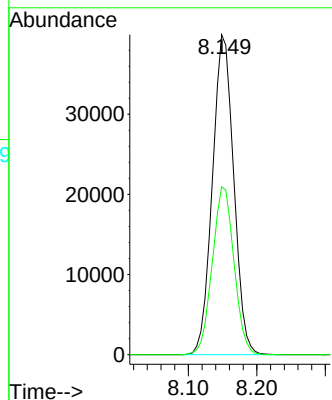
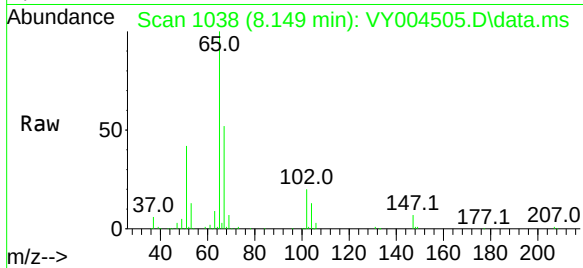




#33
 1,2-Dichloroethane-d4
 Concen: 57.27 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004505.D
 Acq: 19 Apr 2021 17:58

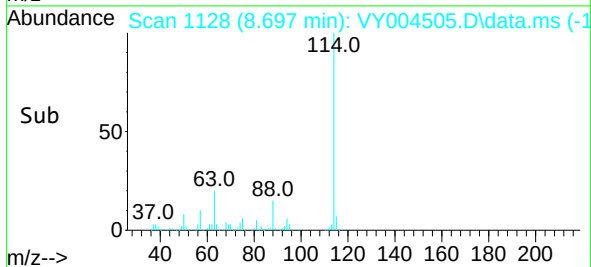
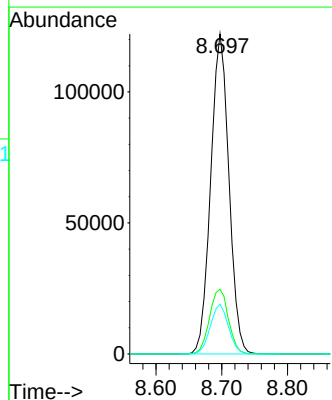
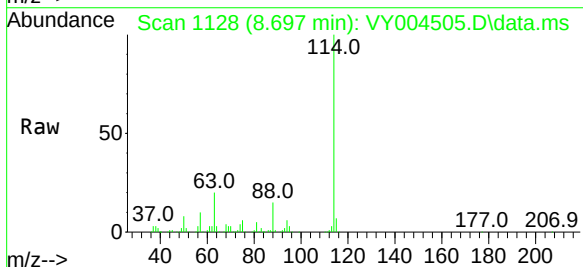
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-0-2.0

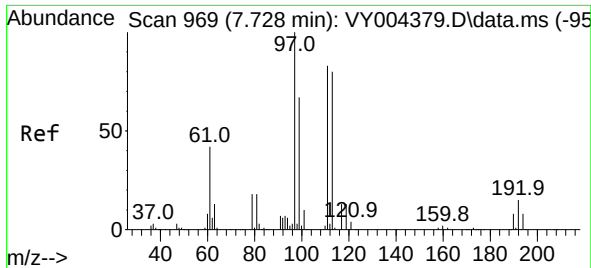
Tgt Ion: 65 Resp: 86225
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004505.D
 Acq: 19 Apr 2021 17:58

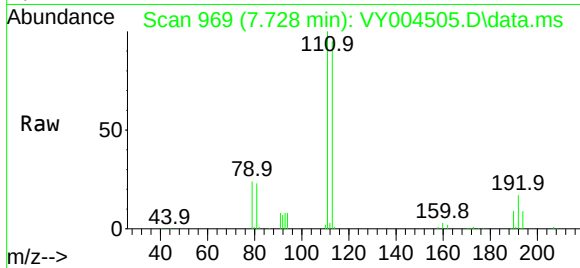
Tgt Ion: 114 Resp: 235052
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 15.5 0.0 30.8



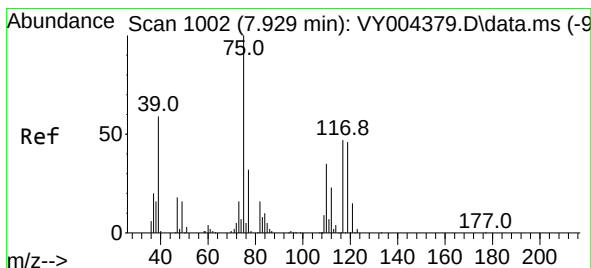
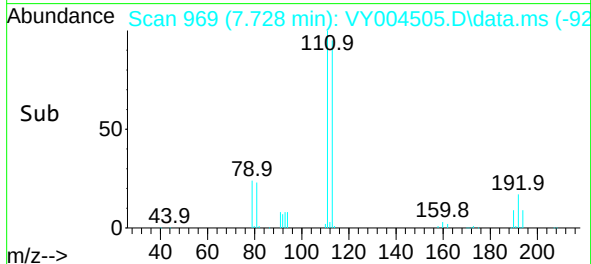
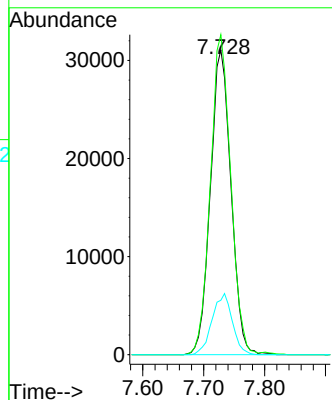


#35
Dibromofluoromethane
Concen: 55.92 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2.0

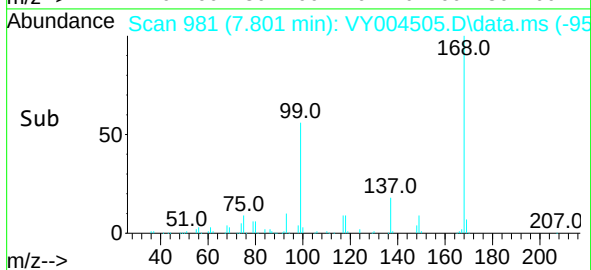
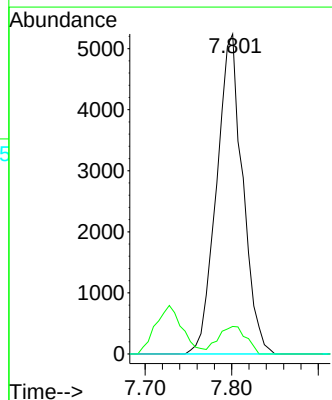
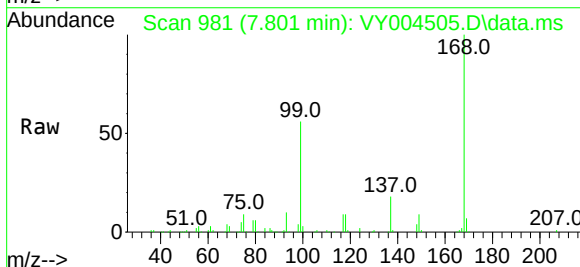


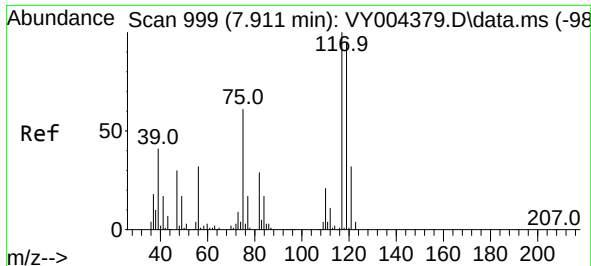
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	19.7	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

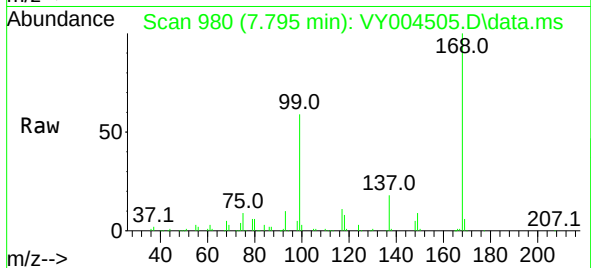
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.3	51.7#
77	0.0	24.3	36.5#



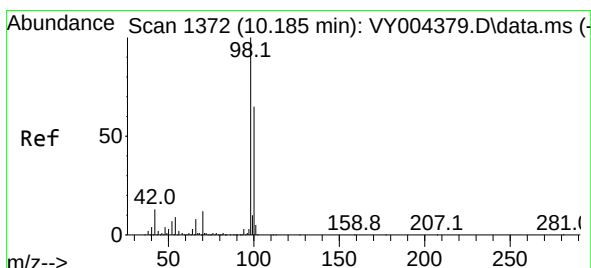
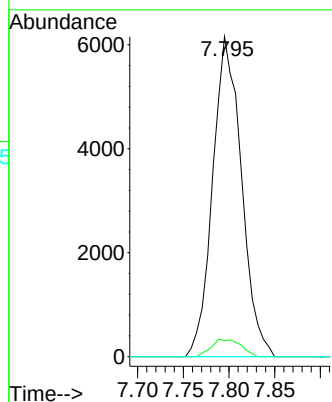
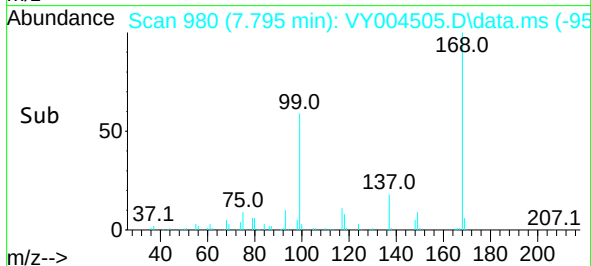


#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

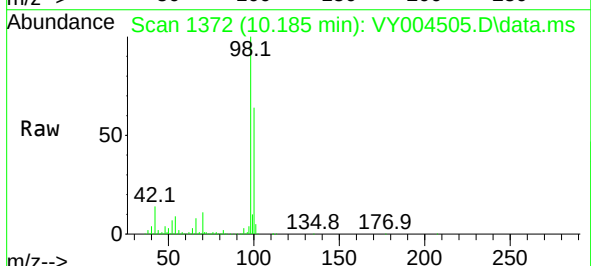
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2.0



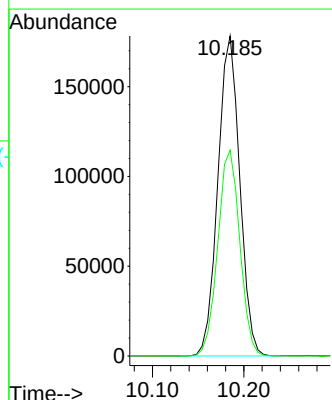
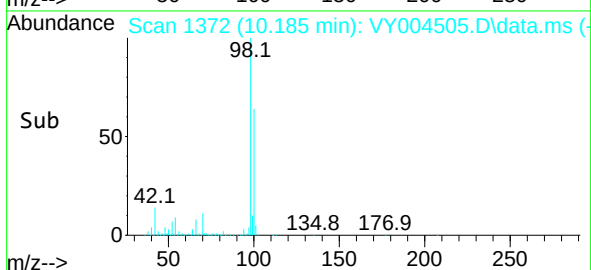
Tgt Ion:117 Resp: 13484
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 25.3 37.9#

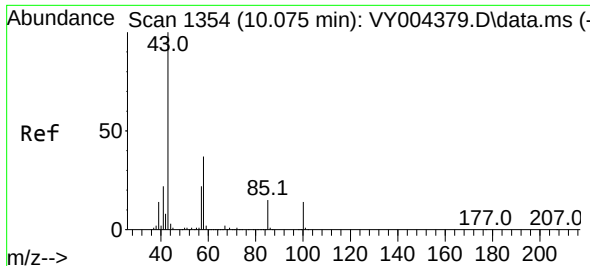


#50
Toluene-d8
Concen: 53.40 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58



Tgt Ion: 98 Resp: 296296
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

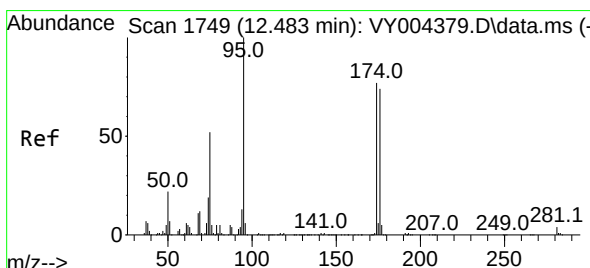
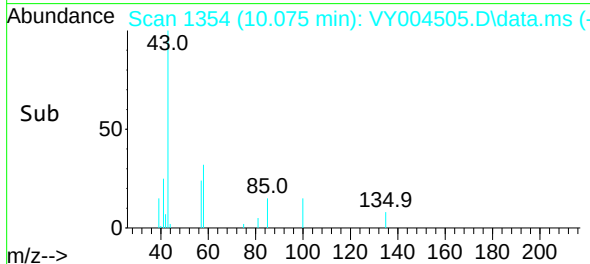
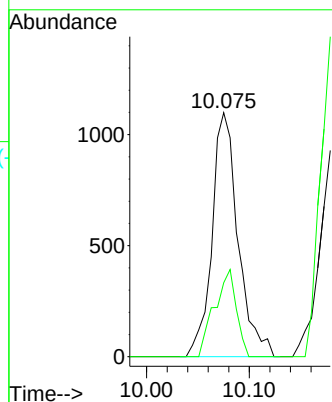
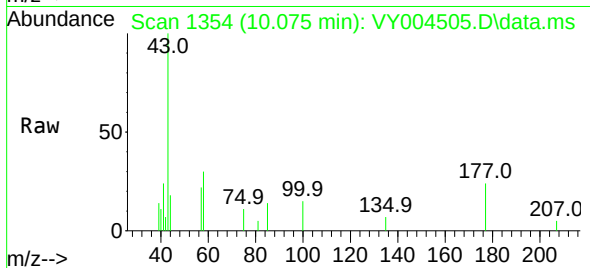




#51
4-Methyl-2-Pentanone
Concen: 1.32 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

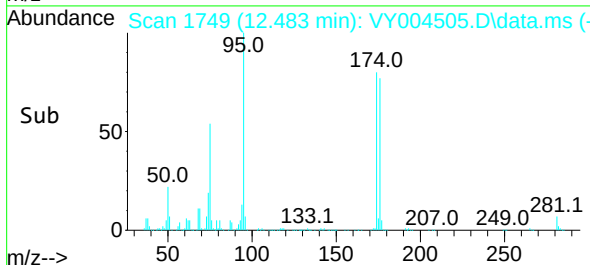
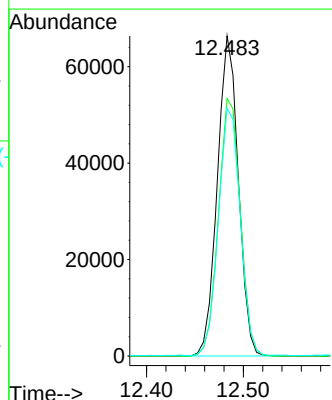
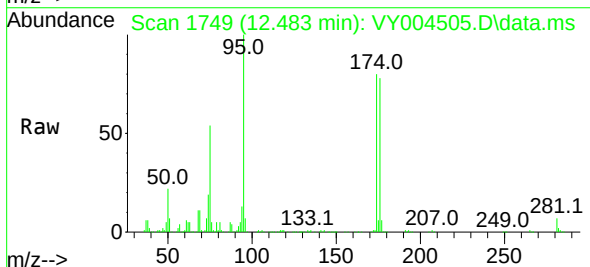
Instrument :
MSVOA_Y
ClientSampled :
SB-13-0-2.0

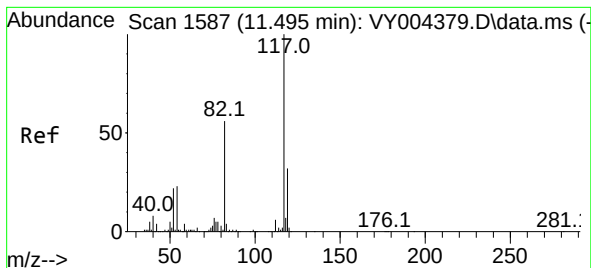
Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
58 29.9 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 53.01 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

Tgt Ion: 95 Resp: 99801
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 80.5 0.0 156.0

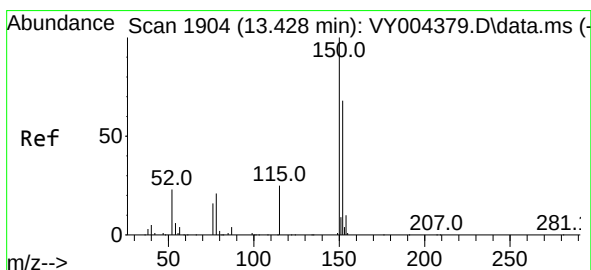
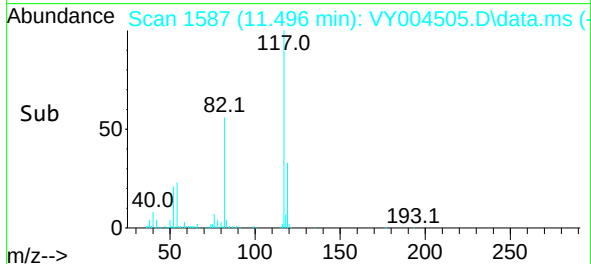
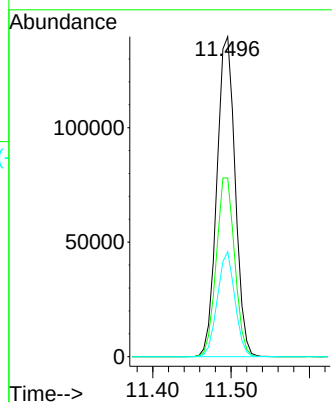
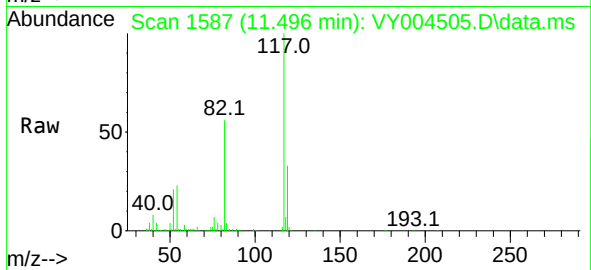




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

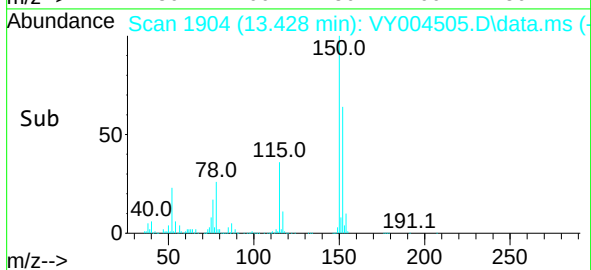
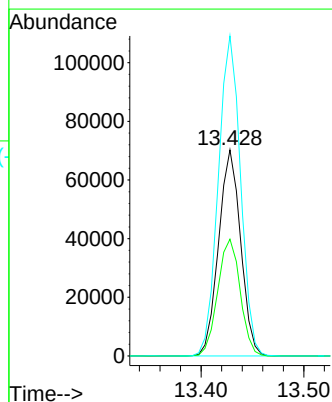
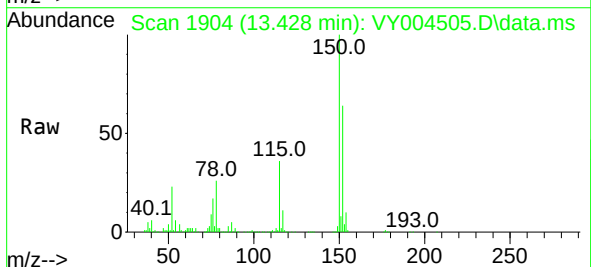
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2.0

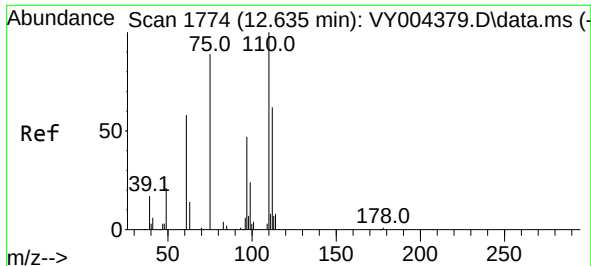
Tgt Ion:117 Resp: 226701
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

Tgt Ion:152 Resp: 104637
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.8
150 156.6 0.0 348.4

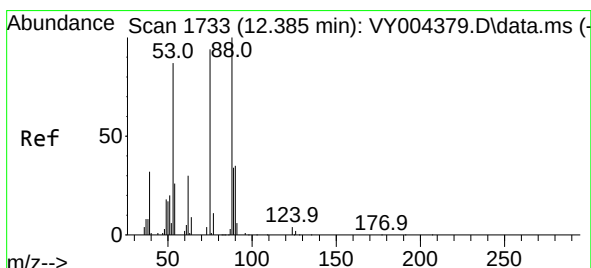
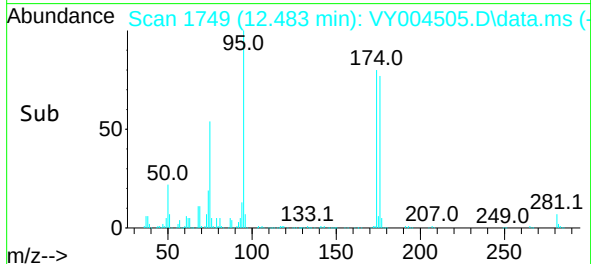
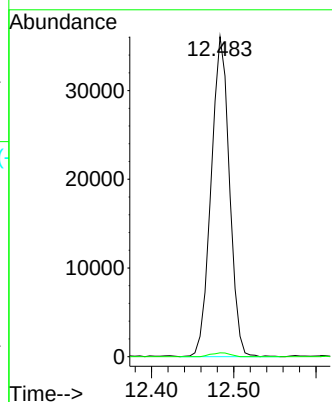
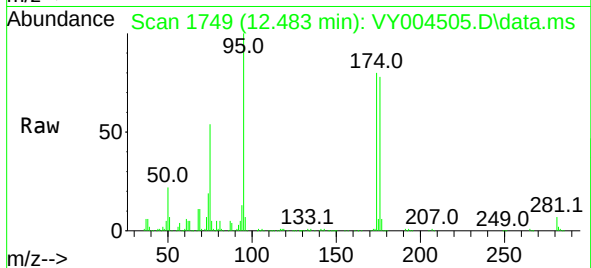




#76
1,2,3-Trichloropropane
Concen: 49.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

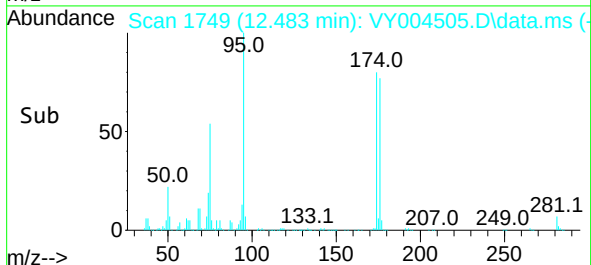
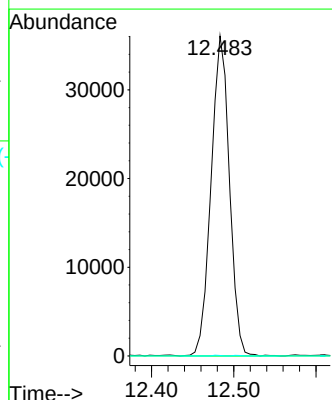
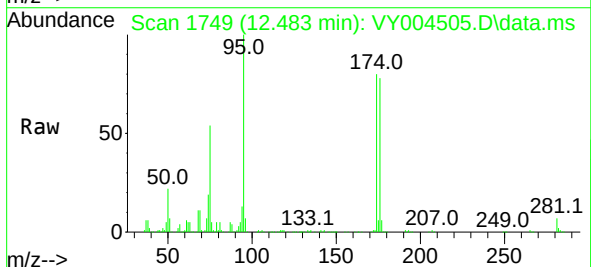
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-0-2.0

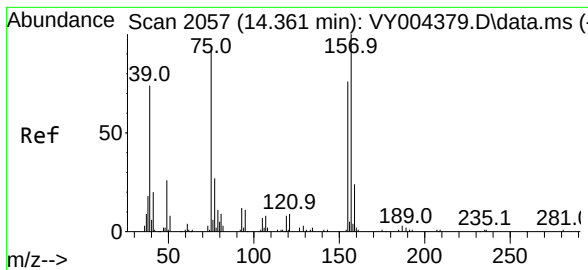
Tgt Ion: 75 Resp: 55951
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004505.D
Acq: 19 Apr 2021 17:58

Tgt Ion: 75 Resp: 55951
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.19 ug/l
 RT: 14.391 min Scan# 2062
 Delta R.T. 0.031 min
 Lab File: VY004505.D
 Acq: 19 Apr 2021 17:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-0-2.0

Tgt Ion: 75 Resp: 326
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.6 121.8#
 157 0.0 53.0 159.0#

