

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005701.D
 Acq On : 17 Aug 2021 04:40
 Operator : SY/MD
 Sample : M3425-19
 Misc : 11.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 23S

Quant Time: Aug 17 05:24:56 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)

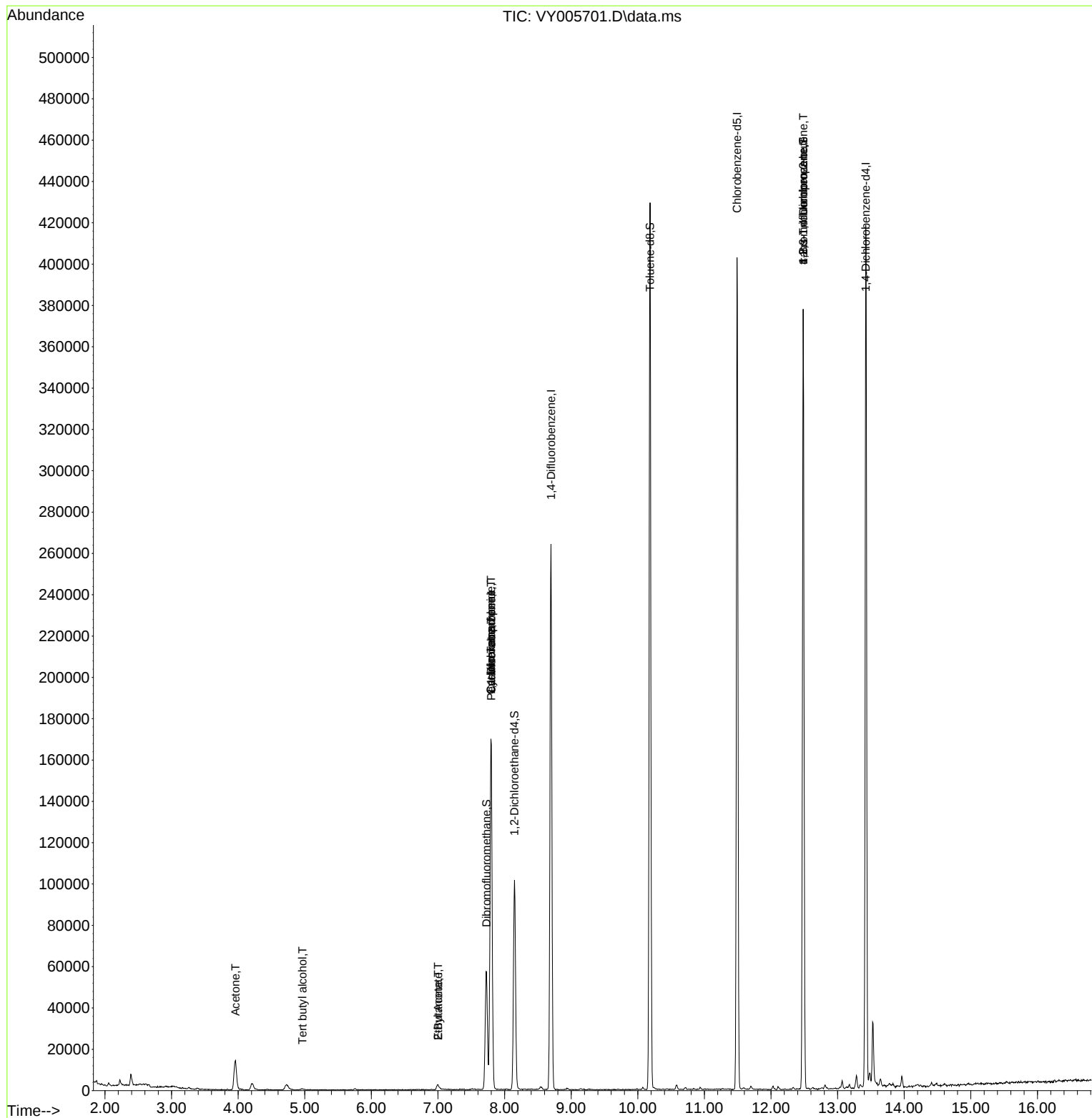
Internal Standards						
1) Pentafluorobenzene	7.801	168	136707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	215624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82340	59.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.000%			
35) Dibromofluoromethane	7.728	113	38287	30.940	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 61.880%			
50) Toluene-d8	10.185	98	279774	53.908	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.820%			
62) 4-Bromofluorobenzene	12.483	95	92897	54.053	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.100%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.966	59	1236	9.035	ug/l #	73
16) Acetone	3.960	43	25182	72.177	ug/l	94
20) Methylene Chloride	4.735	84	2134	Below Cal	#	92
25) 2-Butanone	7.002	43	3515	6.816	ug/l #	84
31) Cyclohexane	7.795	56	2963	1.248	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	9752	4.704	ug/l #	50
37) Ethyl Acetate	7.002	43	3515	2.799	ug/l #	69
38) Carbon Tetrachloride	7.795	117	12589	5.587	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	52481	46.479	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52481	93.696	ug/l #	11

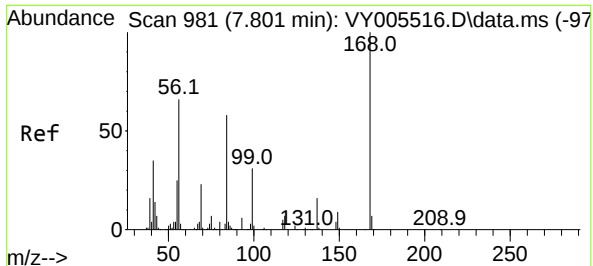
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

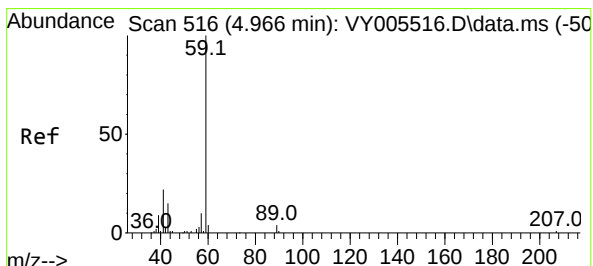
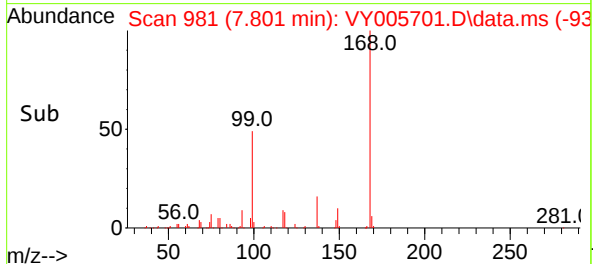
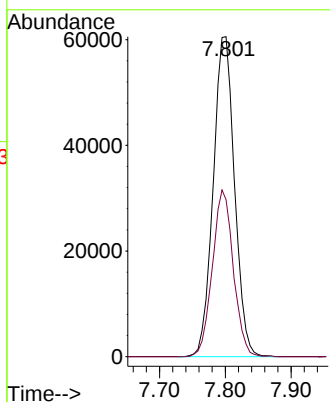
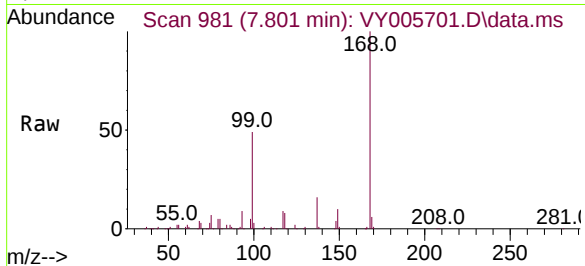




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

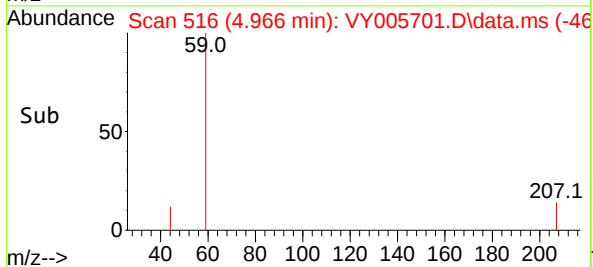
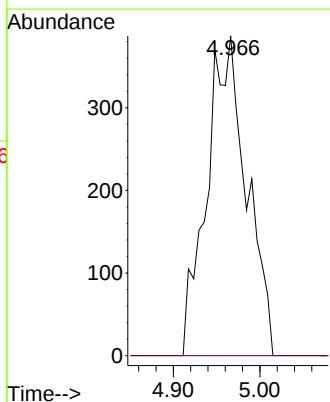
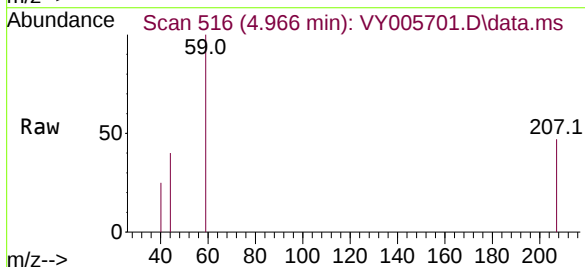
Instrument :
MSVOA_Y
ClientSampled :
23S

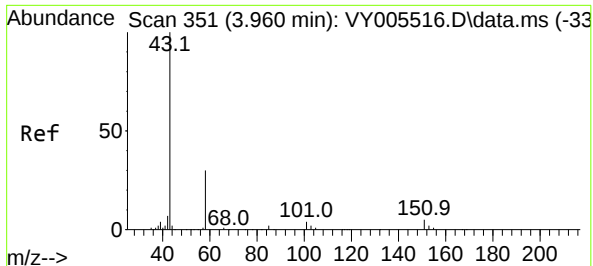
Tgt Ion:168 Resp: 136707
Ion Ratio Lower Upper
168 100
99 49.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 9.035 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

Tgt Ion: 59 Resp: 1236
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

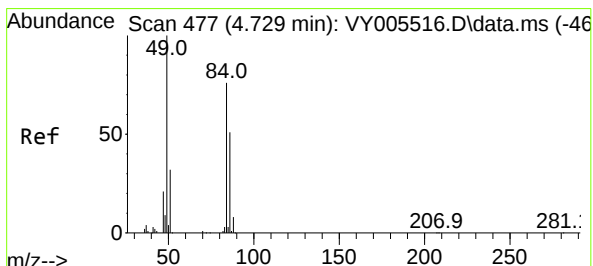
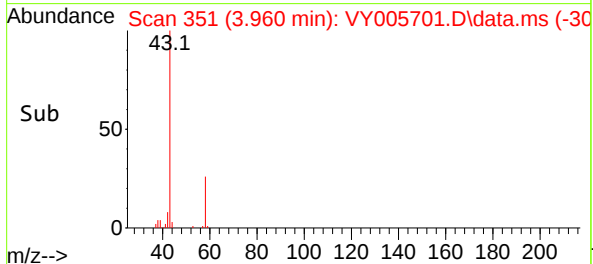
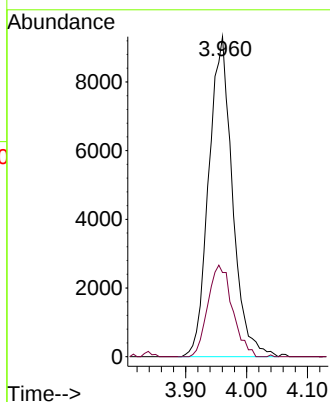
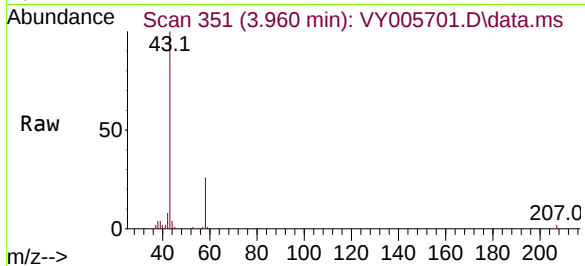




#16
Acetone
Concen: 72.177 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

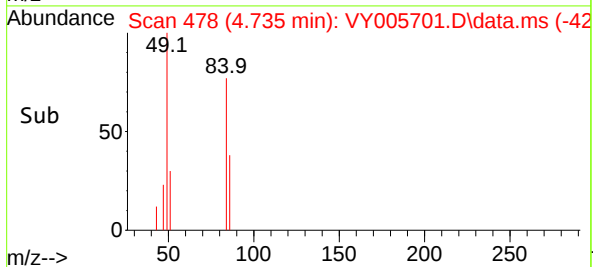
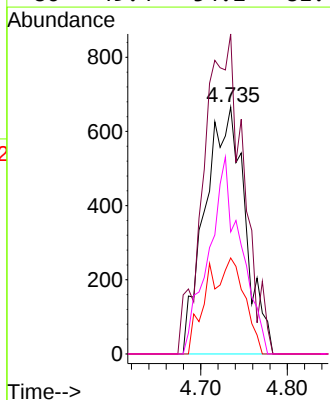
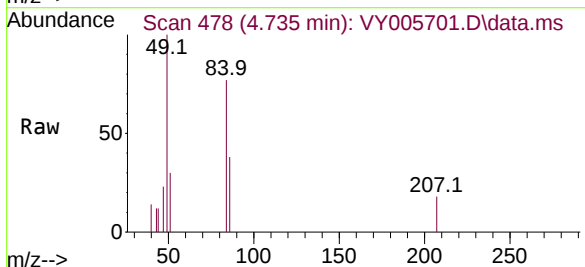
Instrument :
MSVOA_Y
ClientSampleId :
23S

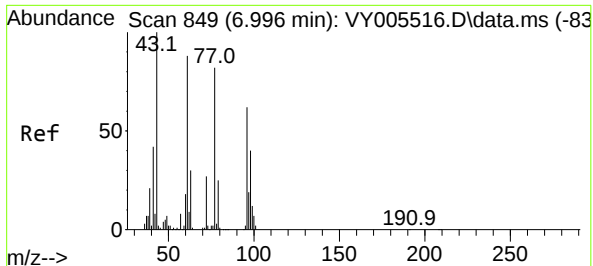
Tgt Ion: 43 Resp: 25182
Ion Ratio Lower Upper
43 100
58 26.3 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

Tgt Ion: 84 Resp: 2134
Ion Ratio Lower Upper
84 100
49 129.6 105.8 158.6
51 38.9 33.4 50.2
86 49.4 54.2 81.4#





#25

2-Butanone

Concen: 6.816 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY005701.D

Acq: 17 Aug 2021 04:40

Instrument :

MSVOA_Y

ClientSampled :

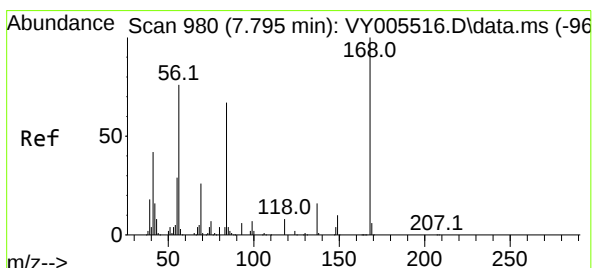
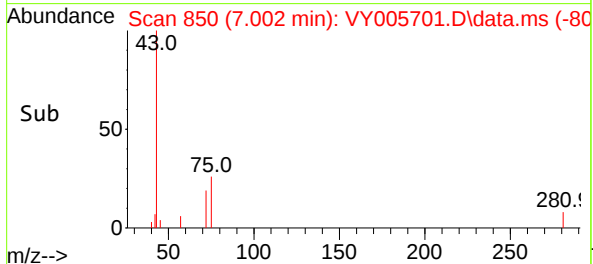
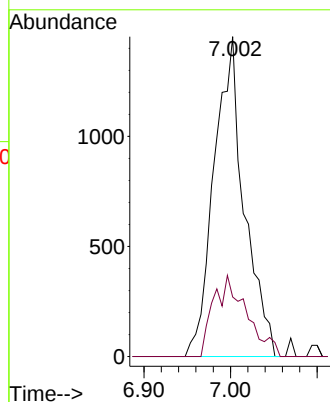
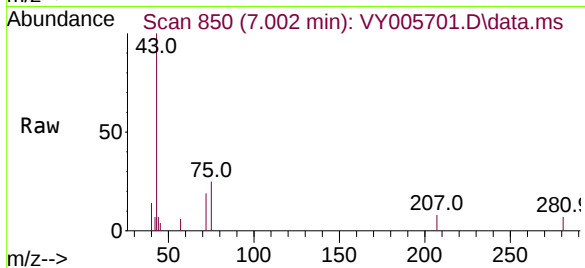
23S

Tgt Ion: 43 Resp: 3515

Ion Ratio Lower Upper

43 100

72 18.7 21.4 32.2#



#31

Cyclohexane

Concen: 1.248 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY005701.D

Acq: 17 Aug 2021 04:40

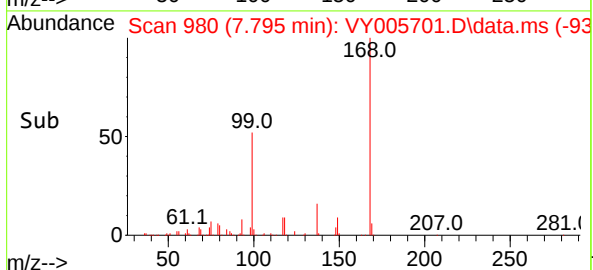
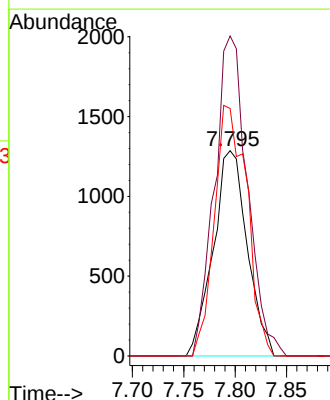
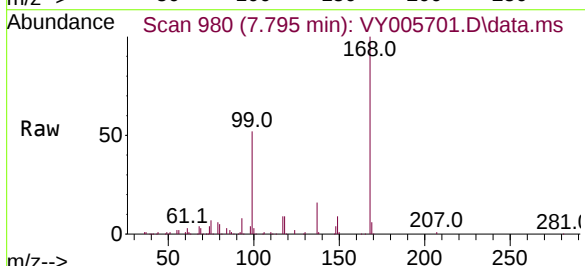
Tgt Ion: 56 Resp: 2963

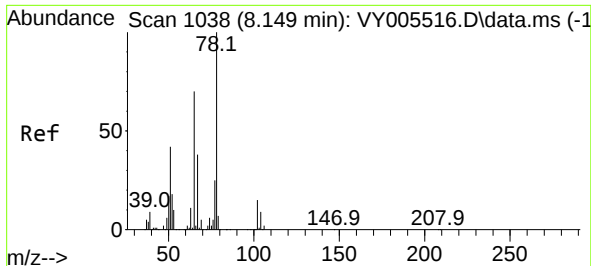
Ion Ratio Lower Upper

56 100

69 155.9 27.7 41.5#

84 120.6 70.9 106.3#

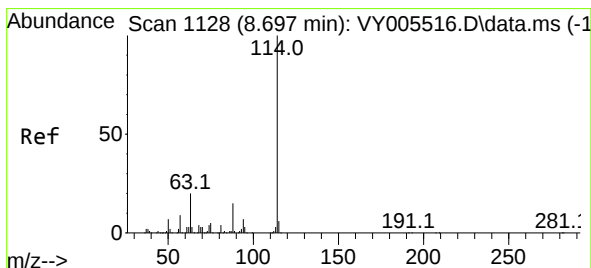
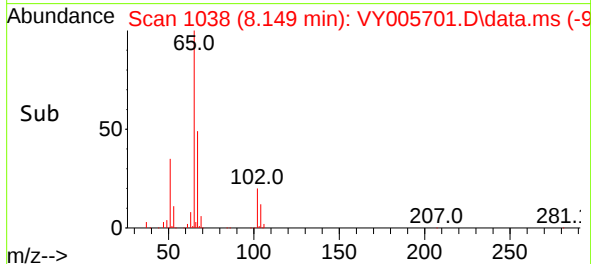
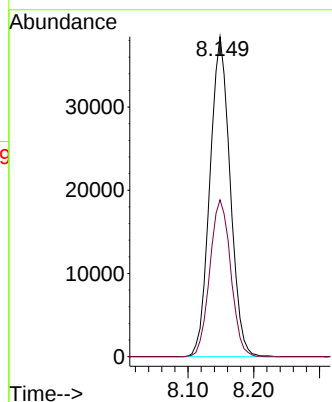
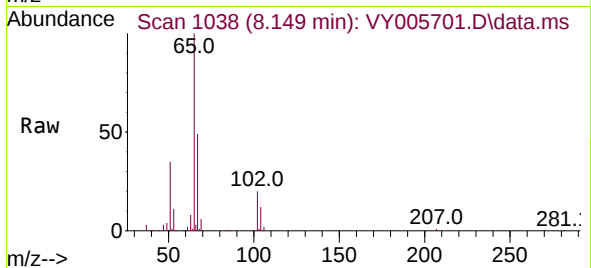




#33
 1,2-Dichloroethane-d4
 Concen: 59.502 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005701.D
 Acq: 17 Aug 2021 04:40

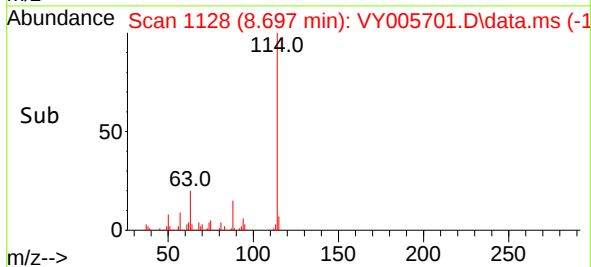
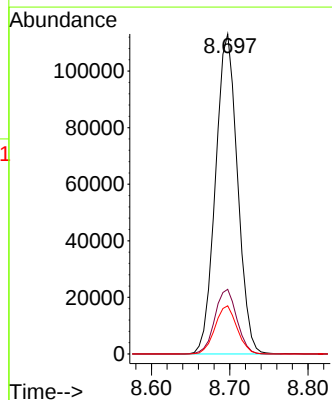
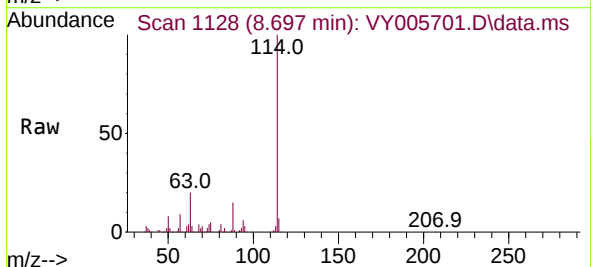
Instrument :
 MSVOA_Y
 ClientSampleID :
 23S

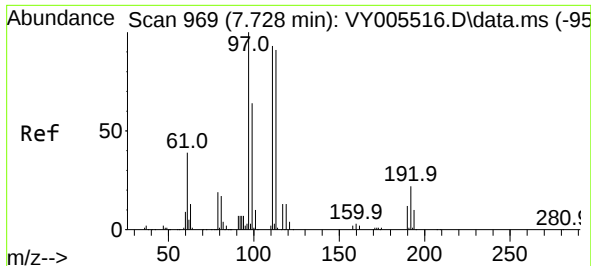
Tgt Ion: 65 Resp: 82340
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005701.D
 Acq: 17 Aug 2021 04:40

Tgt Ion: 114 Resp: 221026
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 15.1 0.0 30.8

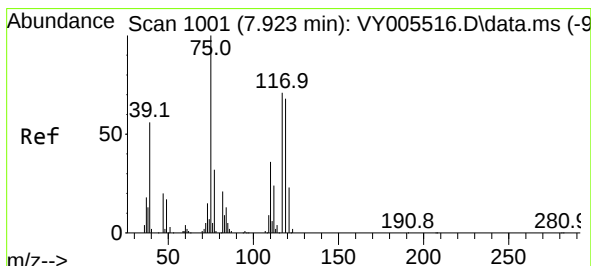
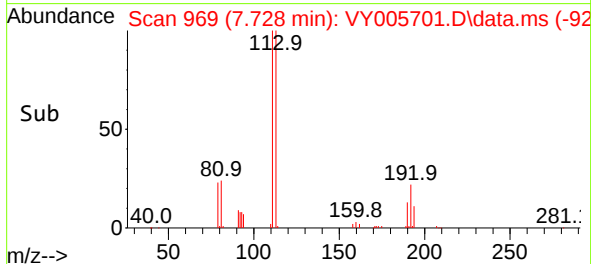
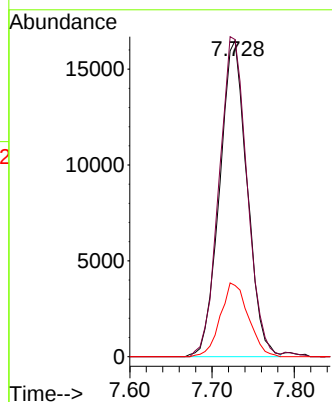
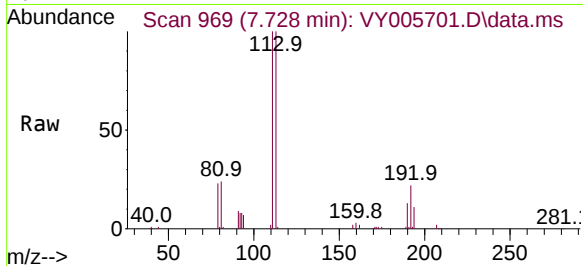




#35
Dibromofluoromethane
Concen: 30.940 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

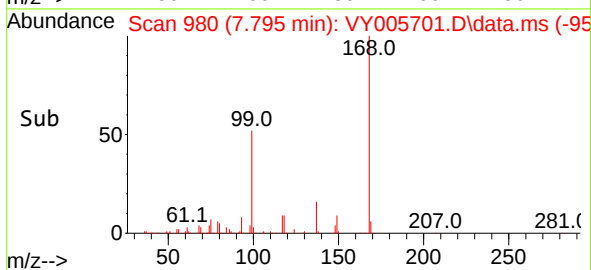
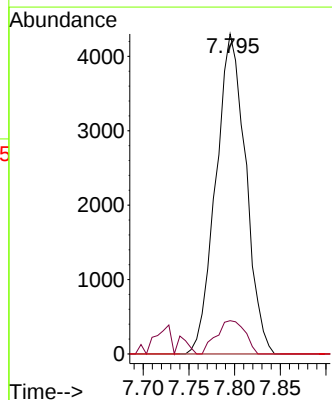
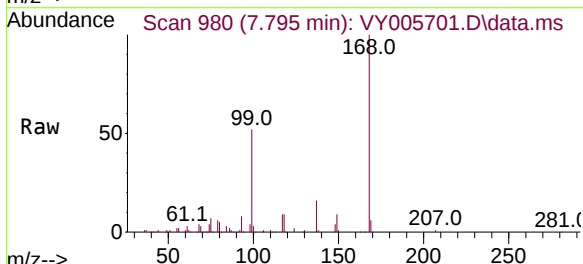
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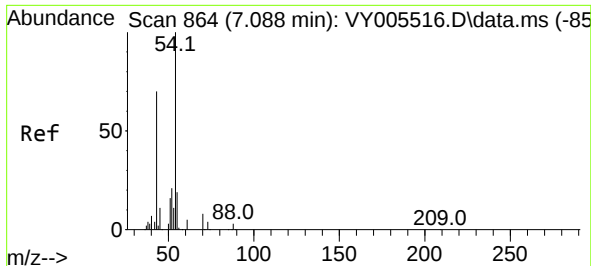
Tgt Ion:	113	Resp:	38287
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	23.8	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

Tgt Ion:	75	Resp:	9752
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	25.1	37.7#





#37

Ethyl Acetate

Concen: 2.799 ug/l

RT: 7.002 min Scan# 850

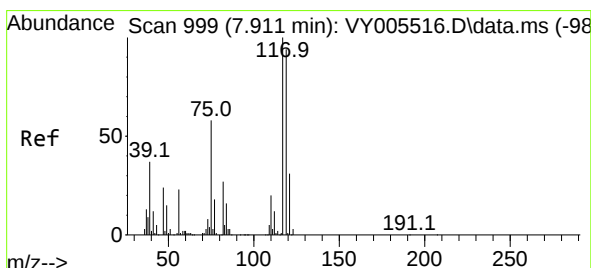
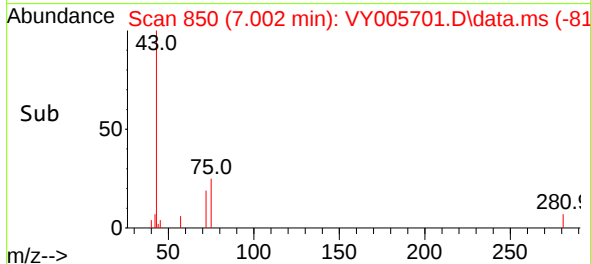
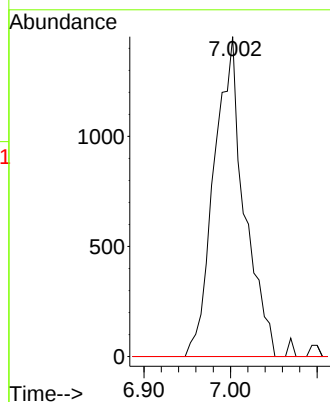
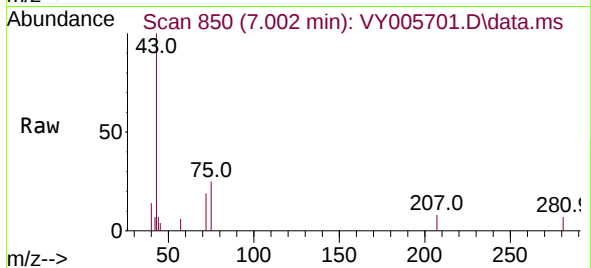
Delta R.T. -0.085 min

Lab File: VY005701.D

Acq: 17 Aug 2021 04:40

Instrument :
MSVOA_Y
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Tgt Ion:	43	Resp:	3515
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	15.8#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 5.587 ug/l

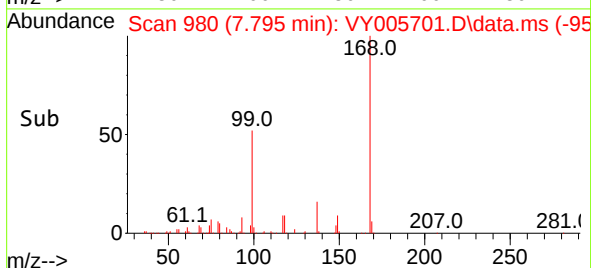
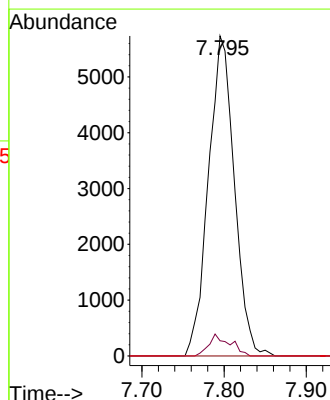
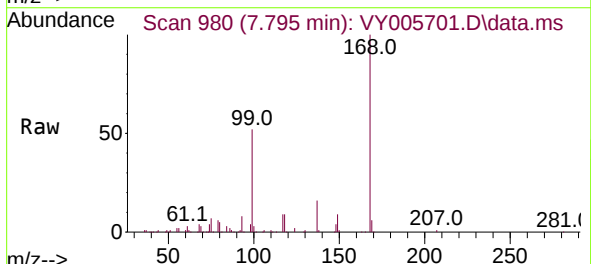
RT: 7.795 min Scan# 980

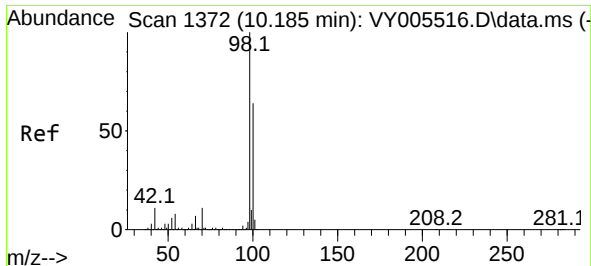
Delta R.T. -0.116 min

Lab File: VY005701.D

Acq: 17 Aug 2021 04:40

Tgt Ion:	117	Resp:	12589
Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.4	113.0#
121	0.0	25.1	37.7#

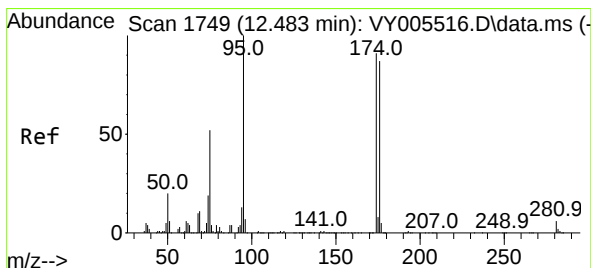
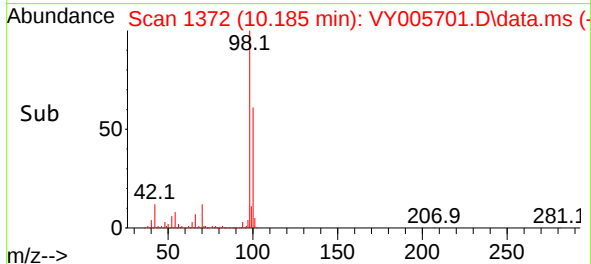
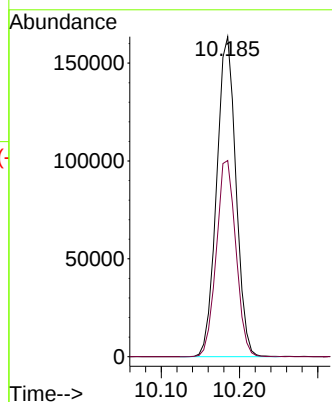
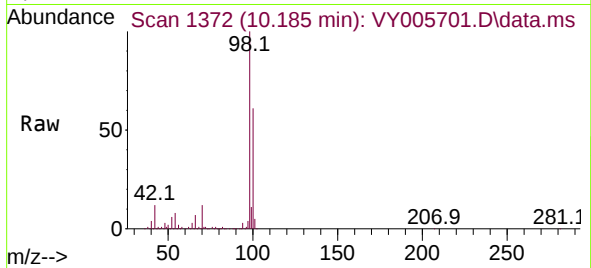




#50
Toluene-d8
Concen: 53.908 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

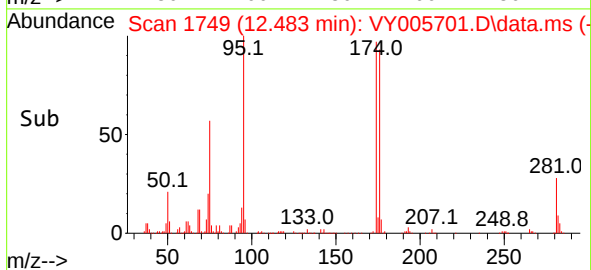
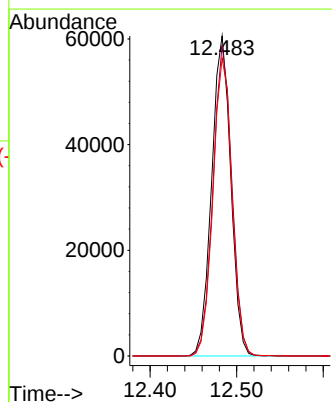
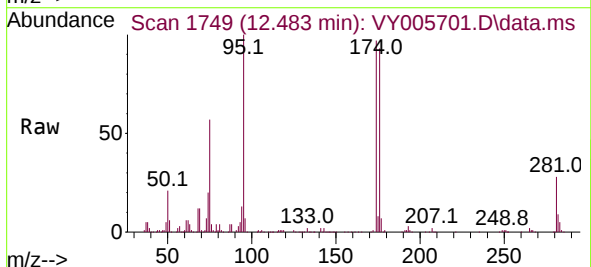
Instrument :
MSVOA_Y
ClientSampled :
23S

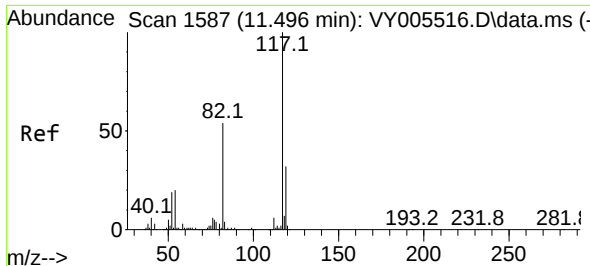
Tgt Ion: 98 Resp: 279774
Ion Ratio Lower Upper
98 100
100 62.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 54.053 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

Tgt Ion: 95 Resp: 92897
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.4
176 92.7 0.0 183.6

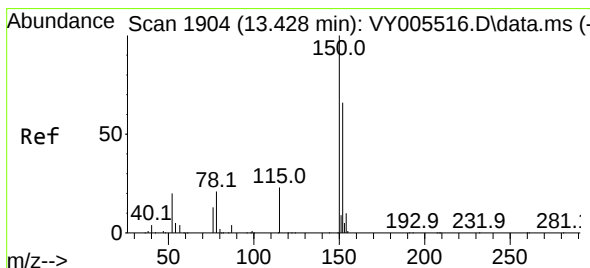
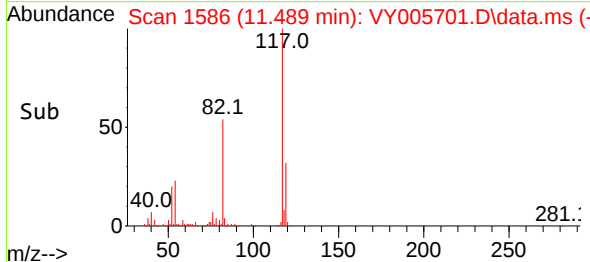
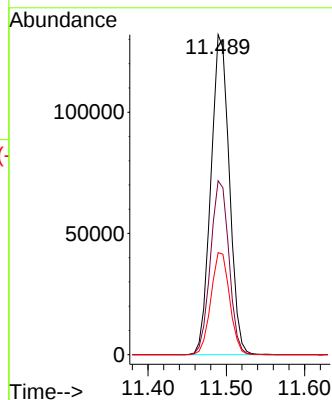
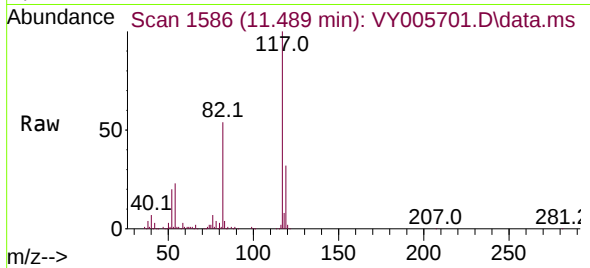




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

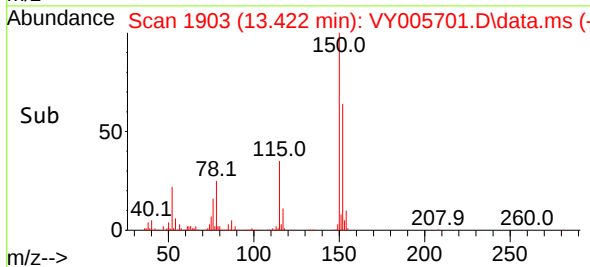
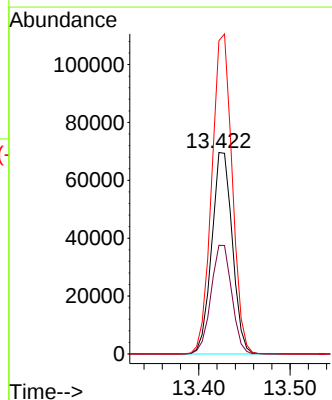
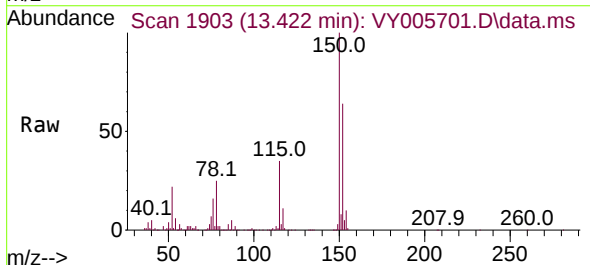
Instrument :
MSVOA_Y
ClientSampleId :
23S

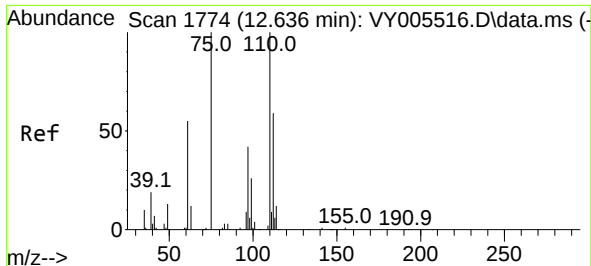
Tgt Ion:117 Resp: 215624
Ion Ratio Lower Upper
117 100
82 54.4 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

Tgt Ion:152 Resp: 108959
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 157.4 0.0 350.2

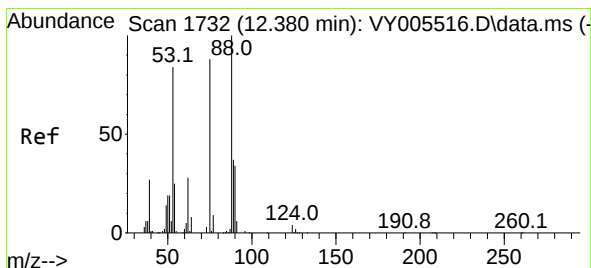
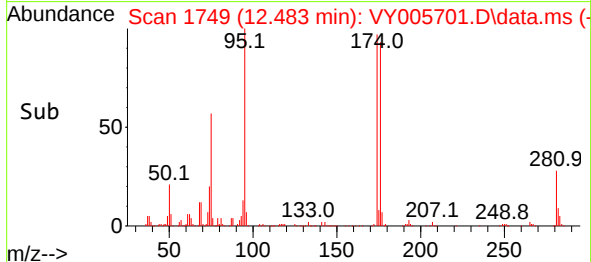
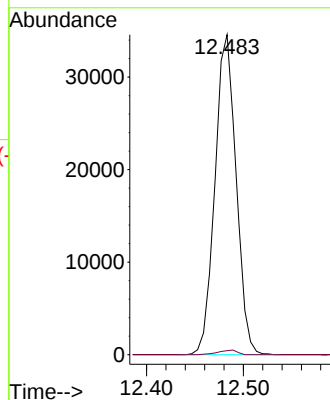
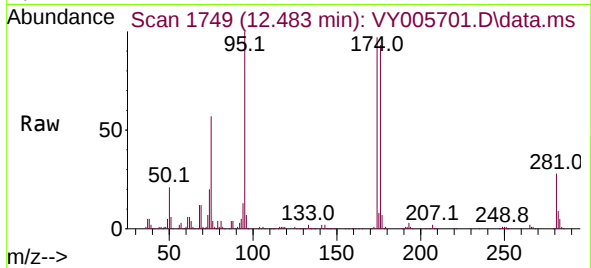




#76
1,2,3-Trichloropropane
Concen: 46.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

Instrument :
MSVOA_Y
ClientSampleId :
23S

Tgt Ion: 75 Resp: 52481
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.696 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005701.D
Acq: 17 Aug 2021 04:40

Tgt Ion: 75 Resp: 52481
Ion Ratio Lower Upper
75 100
53 0.0 76.7 115.1#
89 0.0 38.4 57.6#

