

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005366.D
 Acq On : 07 Jul 2021 15:40
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:05:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

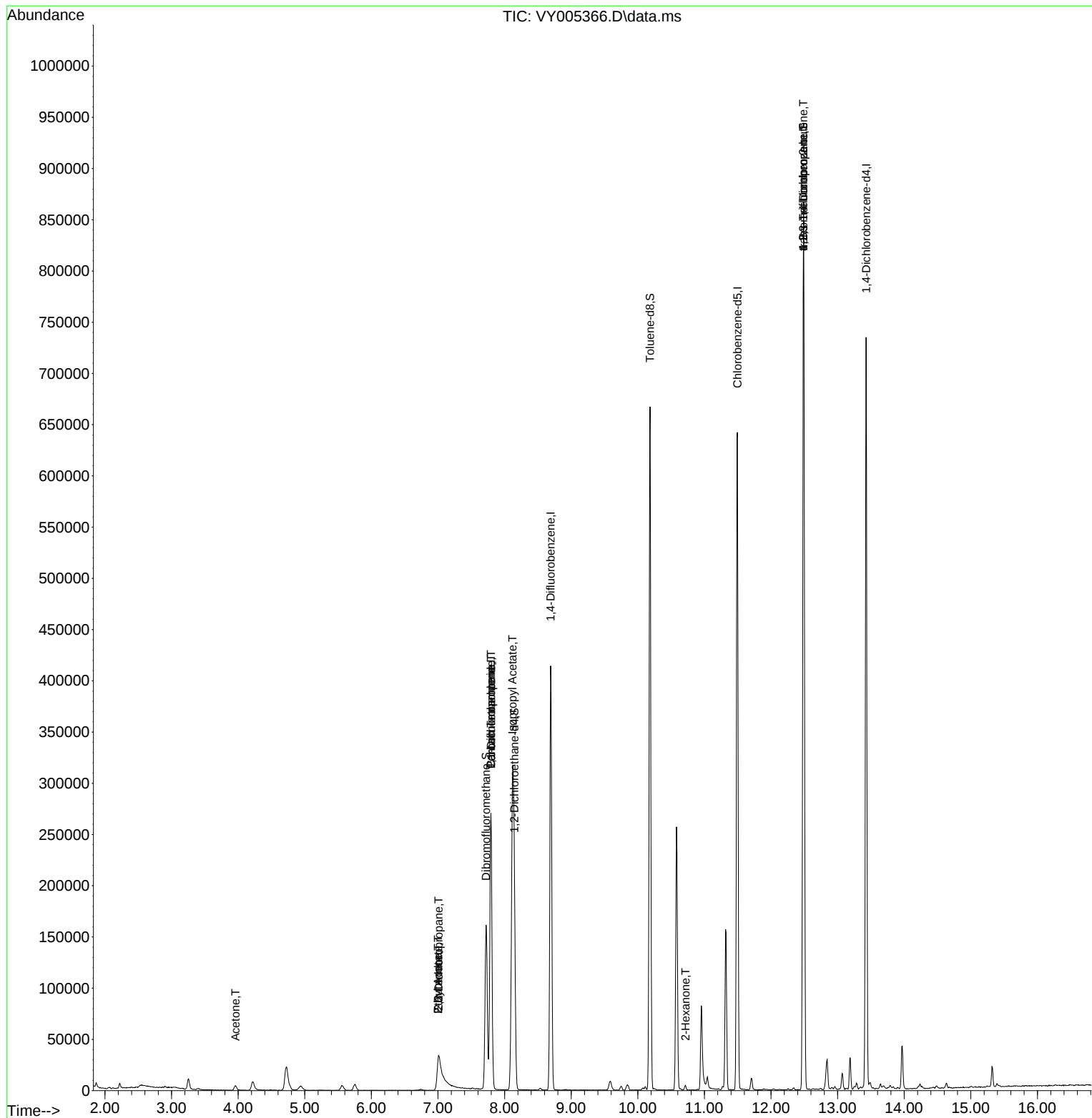
Internal Standards						
1) Pentafluorobenzene	7.795	168	247477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	395023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	404305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	211707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	108290	52.729	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.460%			
35) Dibromofluoromethane	7.722	113	113305	48.636	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.280%			
50) Toluene-d8	10.185	98	467320	50.160	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.483	95	169295	54.532	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.060%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	5384	Below Cal	#	79
16) Acetone	3.960	43	7611	16.042	ug/l	94
20) Methylene Chloride	4.722	84	20656	Below Cal		88
25) 2-Butanone	7.002	43	2143	3.098	ug/l	# 85
26) 2,2-Dichloropropane	7.008	77	4441	1.341	ug/l	# 51
36) 1,1-Dichloropropene	7.795	75	13999	4.025	ug/l	# 48
37) Ethyl Acetate	7.002	43	2143	1.195	ug/l	# 1
38) Carbon Tetrachloride	7.795	117	19323	5.307	ug/l	# 17
43) Isopropyl Acetate	8.118	43	4099	1.243	ug/l	# 1
59) 2-Hexanone	10.715	43	1543	1.300	ug/l	# 20
76) 1,2,3-Trichloropropane	12.483	75	77968	41.525	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	77968	77.477	ug/l	# 18

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

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

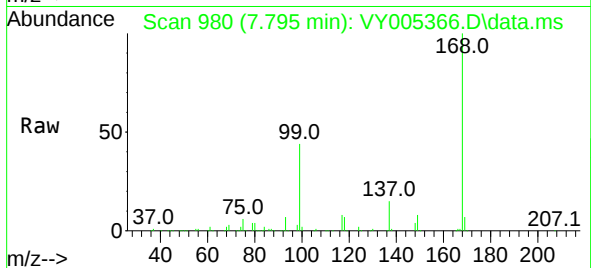
Quant Time: Jul 08 02:05:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration



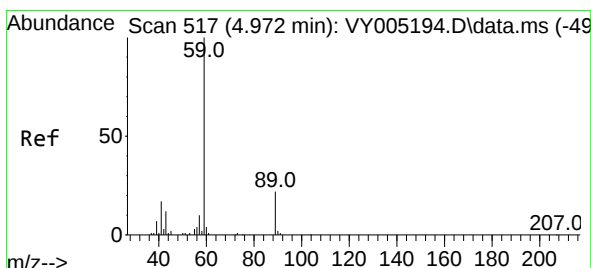
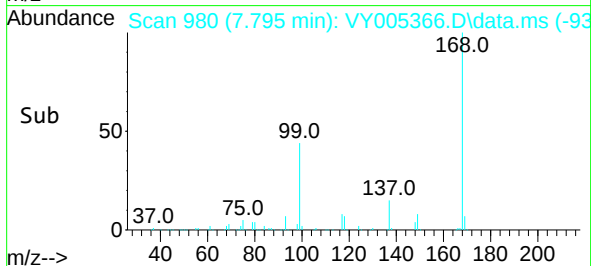
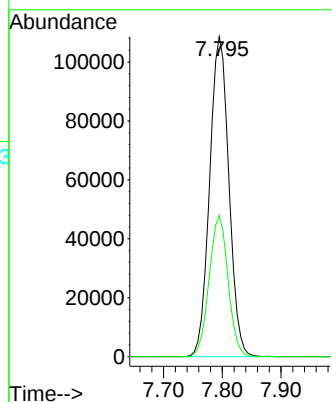


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

Instrument :
MSVOA_Y
ClientSampleId :

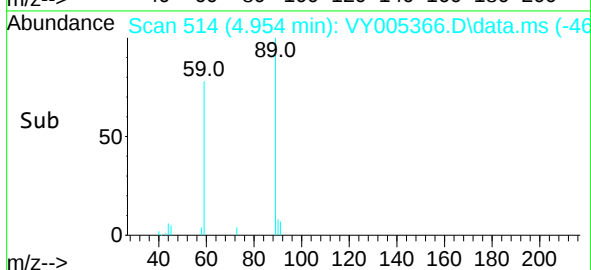
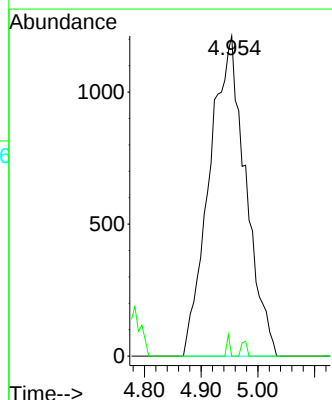
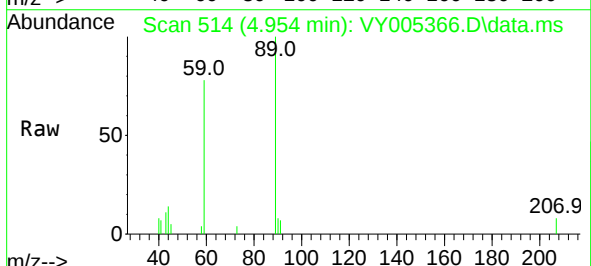


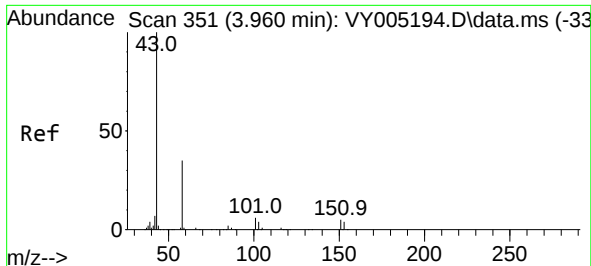
Tgt Ion:168 Resp: 247477
Ion Ratio Lower Upper
168 100
99 44.1 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

Tgt Ion: 59 Resp: 5384
Ion Ratio Lower Upper
59 100
57 0.6 6.5 9.7#

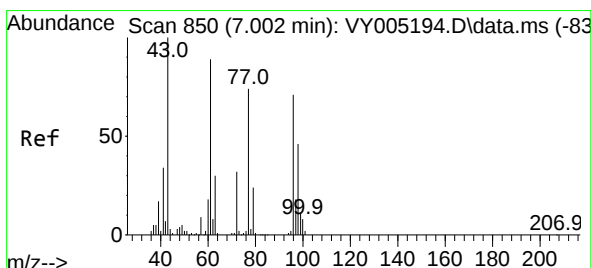
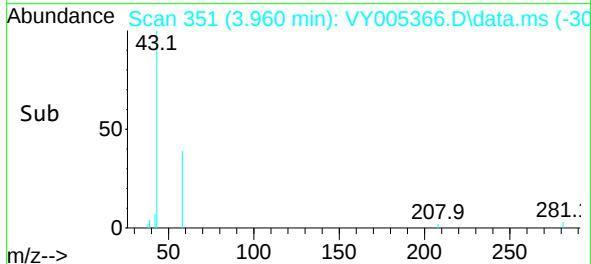
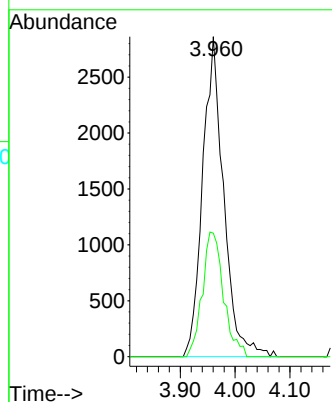
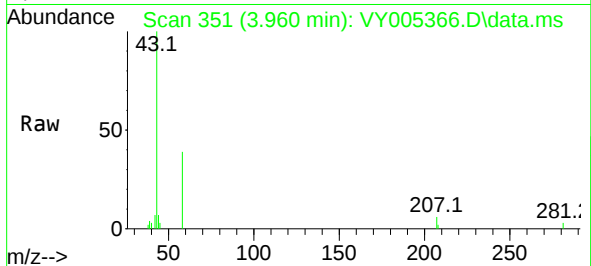




#16
Acetone
Concen: 16.042 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

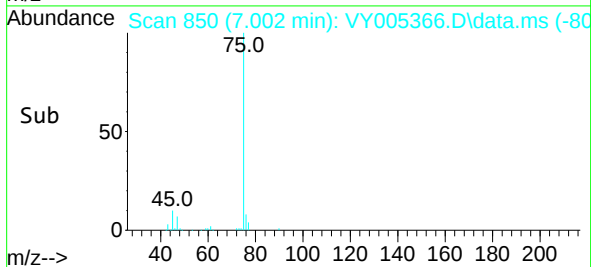
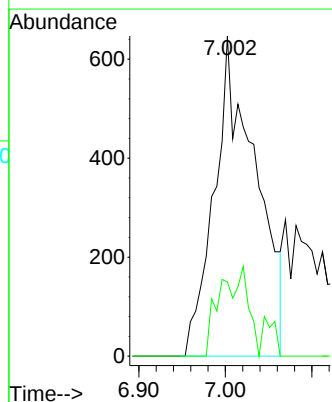
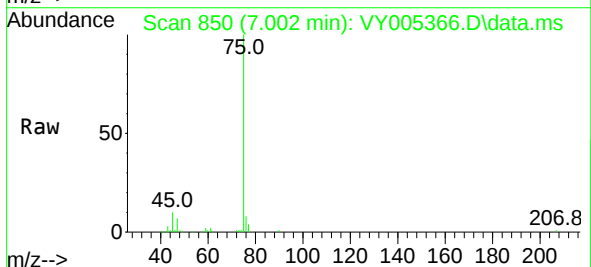
Instrument :
MSVOA_Y
ClientSampled :

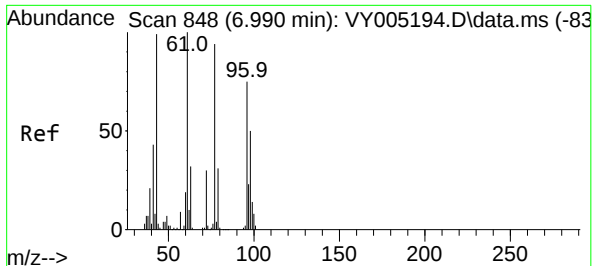
Tgt Ion: 43 Resp: 7611
Ion Ratio Lower Upper
43 100
58 38.6 28.2 42.2



#25
2-Butanone
Concen: 3.098 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
72 23.2 25.3 37.9#

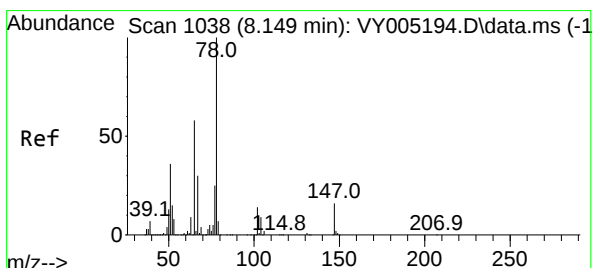
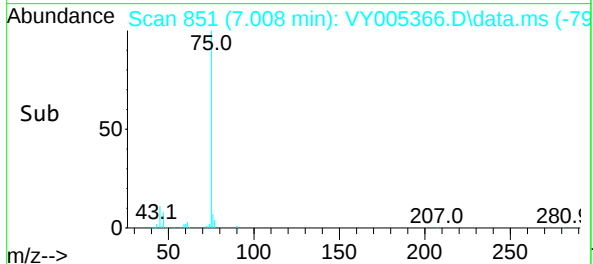
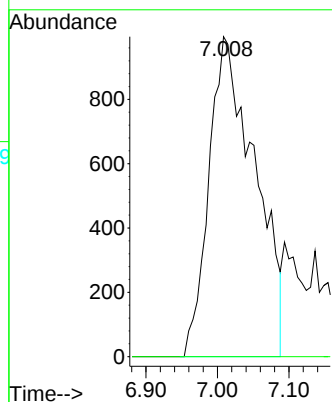
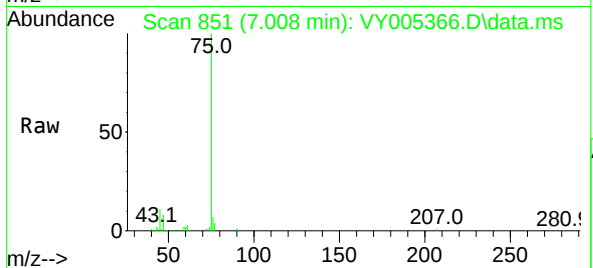




#26
2,2-Dichloropropane
Concen: 1.341 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

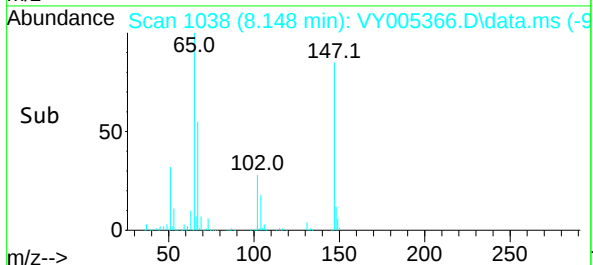
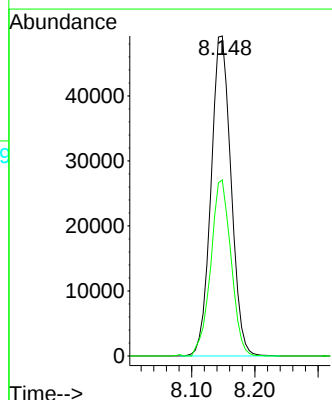
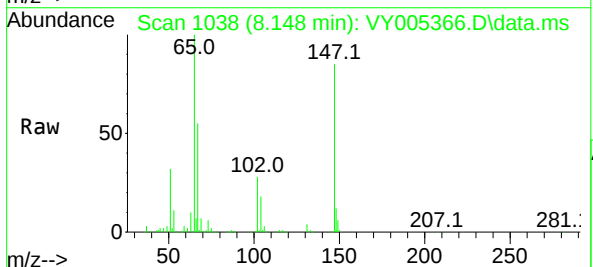
Instrument :
MSVOA_Y
ClientSampled :

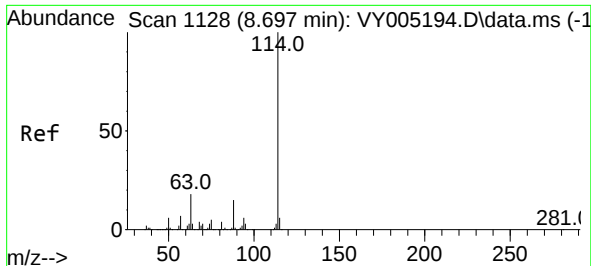
Tgt Ion: 77 Resp: 4441
Ion Ratio Lower Upper
77 100
97 0.0 12.2 36.6#



#33
1,2-Dichloroethane-d4
Concen: 52.729 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

Tgt Ion: 65 Resp: 108290
Ion Ratio Lower Upper
65 100
67 55.8 0.0 110.6

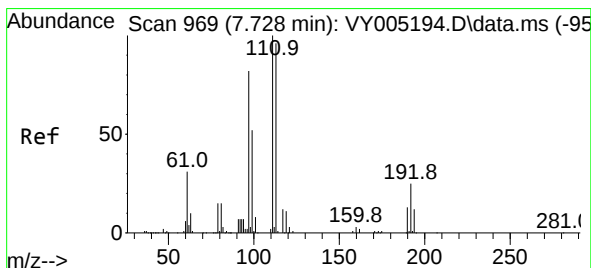
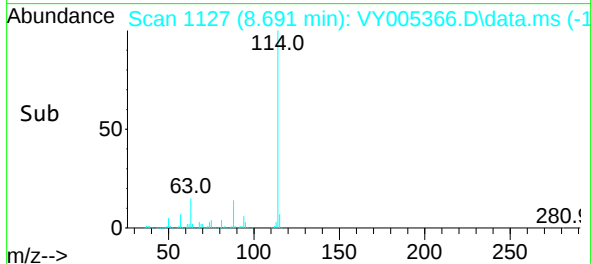
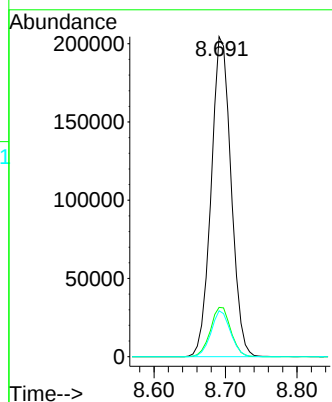
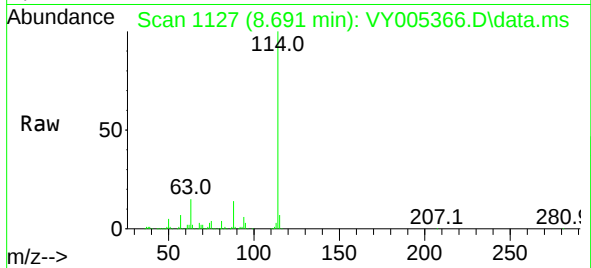




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

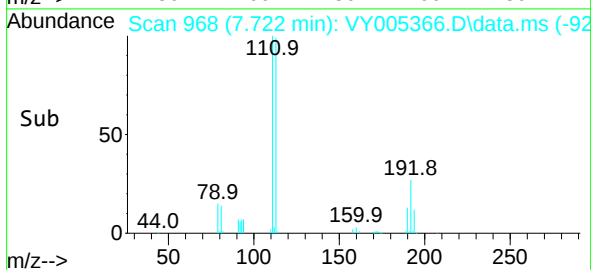
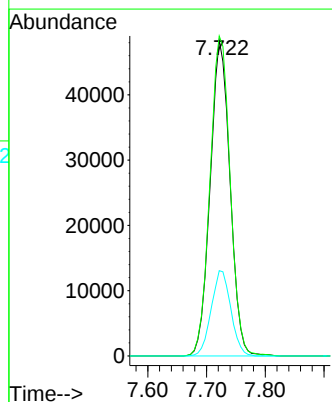
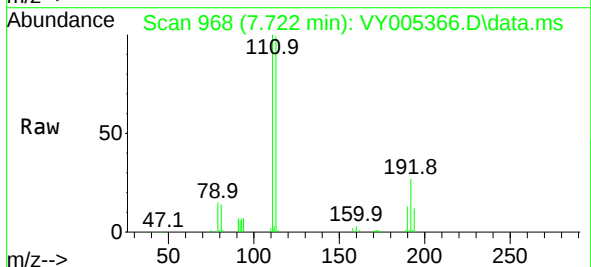
Instrument :
MSVOA_Y
ClientSampled :

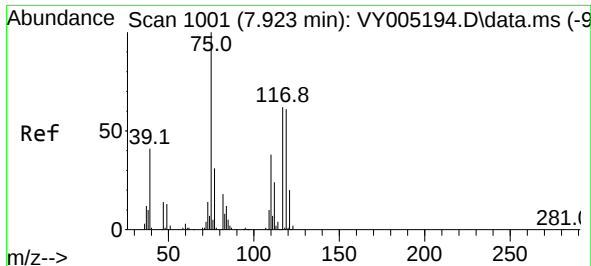
Tgt Ion:114 Resp: 395023
Ion Ratio Lower Upper
114 100
63 15.4 0.0 35.2
88 14.4 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

Tgt Ion:113 Resp: 113305
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 26.7 20.2 30.2

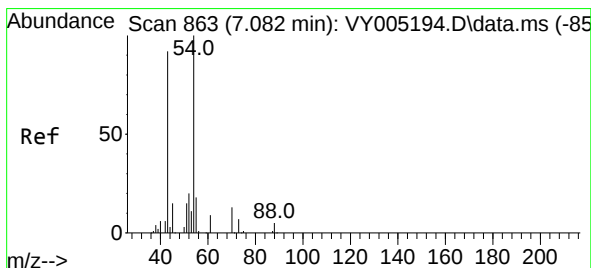
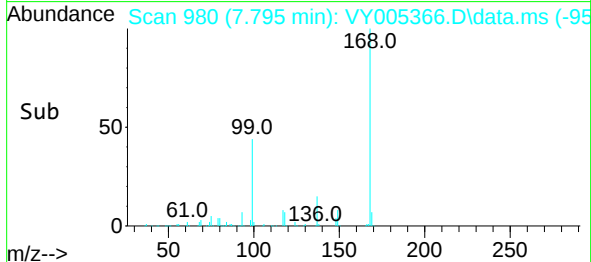
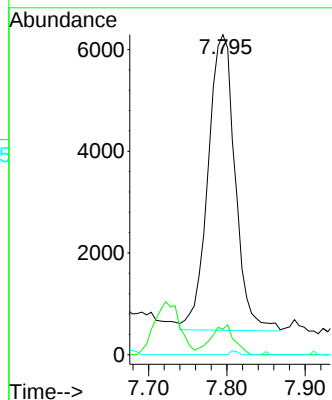
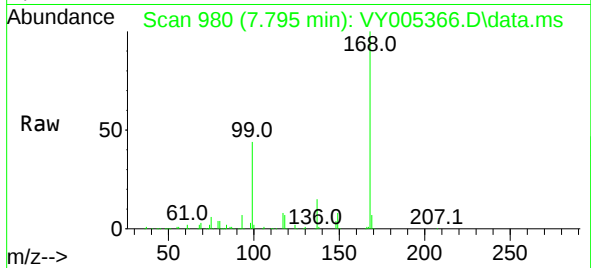




#36
1,1-Dichloropropene
Concen: 4.025 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

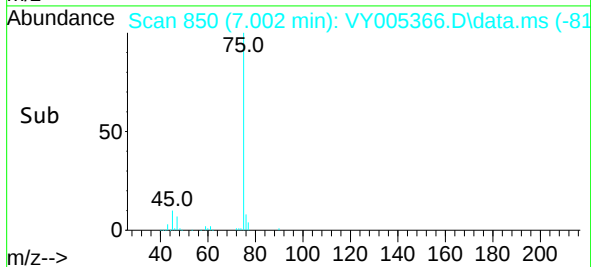
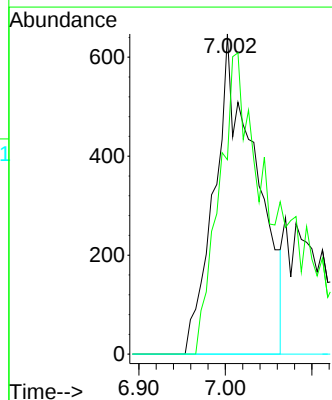
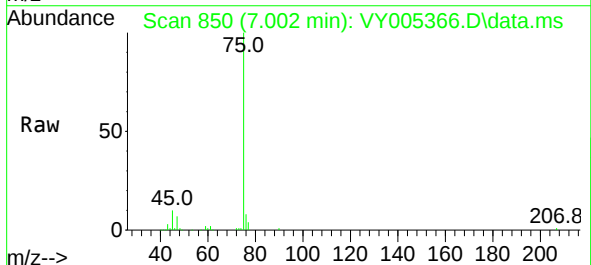
Instrument :
MSVOA_Y
ClientSampled :

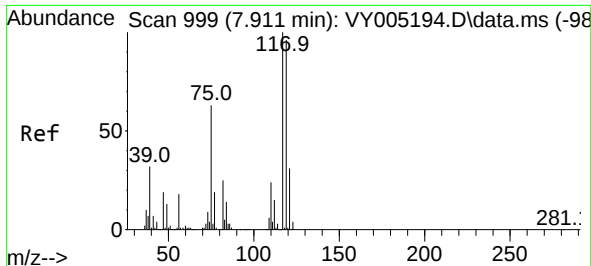
Tgt Ion: 75 Resp: 13999
Ion Ratio Lower Upper
75 100
110 8.7 19.1 57.5#
77 0.4 25.2 37.8#



#37
Ethyl Acetate
Concen: 1.195 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.079 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

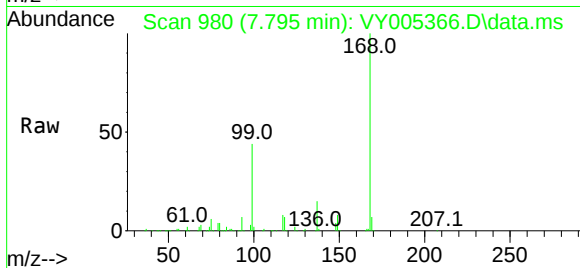
Tgt Ion: 43 Resp: 2143
Ion Ratio Lower Upper
43 100
61 90.6 12.8 19.2#
70 0.0 9.7 14.5#



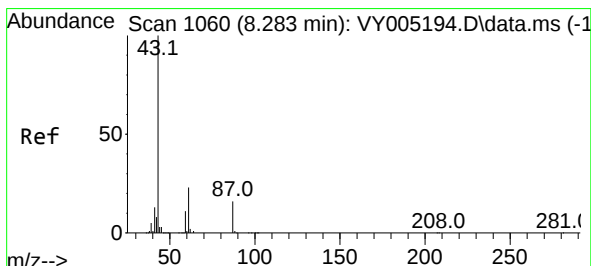
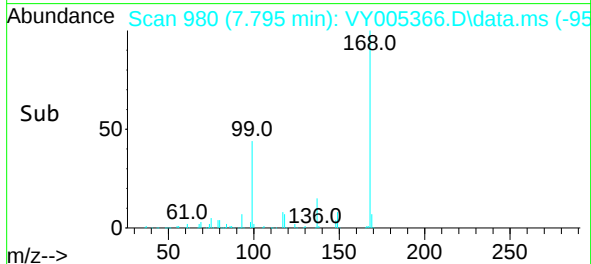
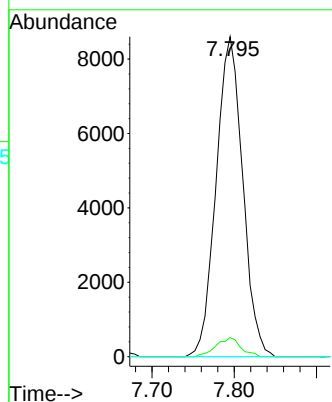


#38
Carbon Tetrachloride
Concen: 5.307 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

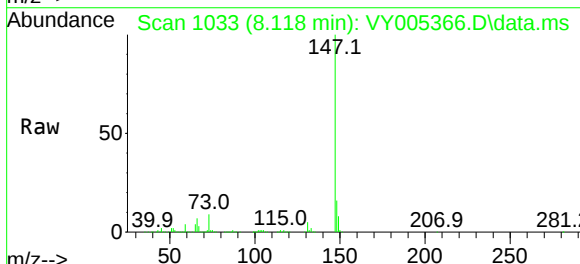
Instrument :
MSVOA_Y
ClientSampleId :



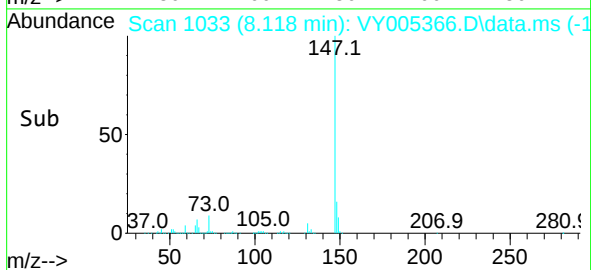
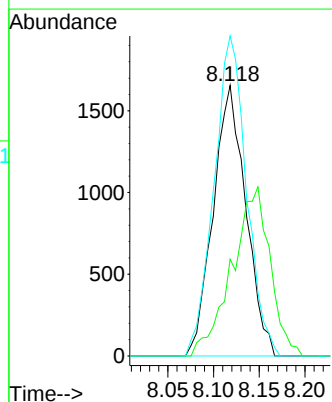
Tgt Ion:117 Resp: 19323
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.4#
121 0.0 24.7 37.1#

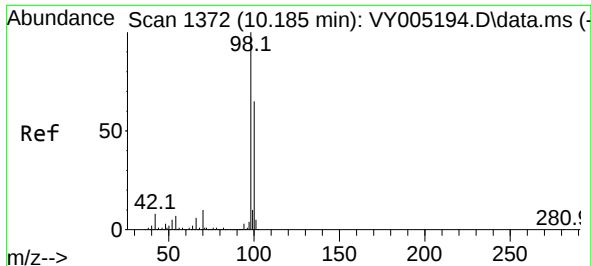


#43
Isopropyl Acetate
Concen: 1.243 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.165 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40



Tgt Ion: 43 Resp: 4099
Ion Ratio Lower Upper
43 100
61 0.0 25.5 38.3#
87 118.0 12.9 19.3#

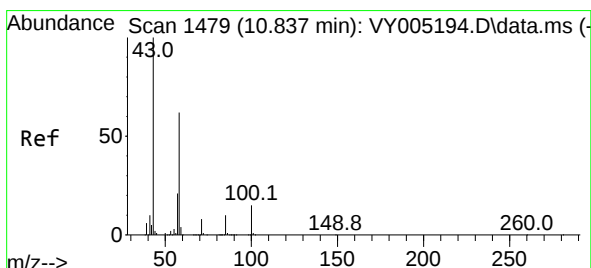
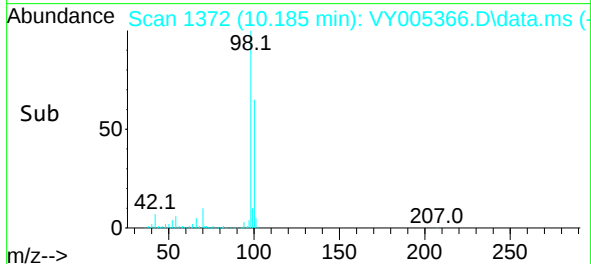
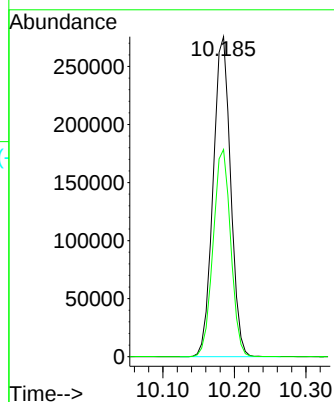
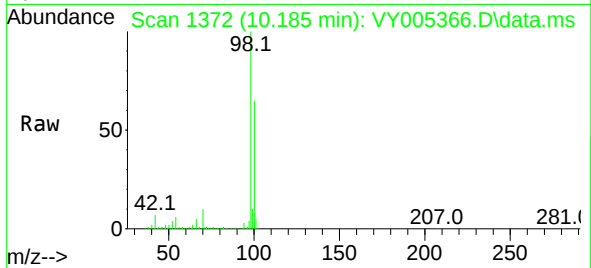




#50
Toluene-d8
Concen: 50.160 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

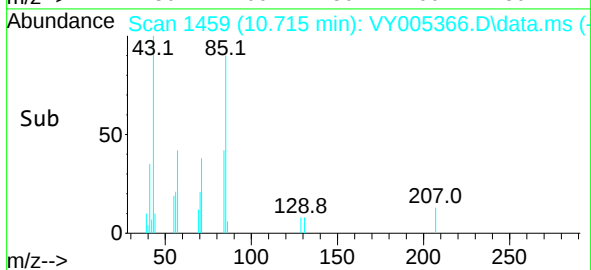
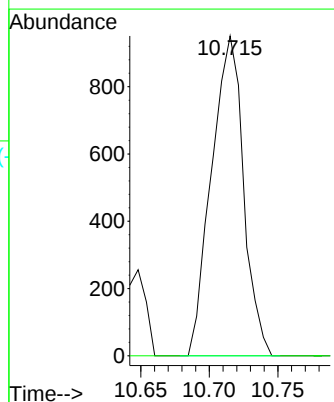
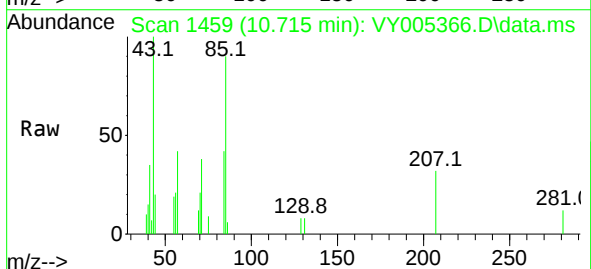
Instrument :
MSVOA_Y
ClientSampled :

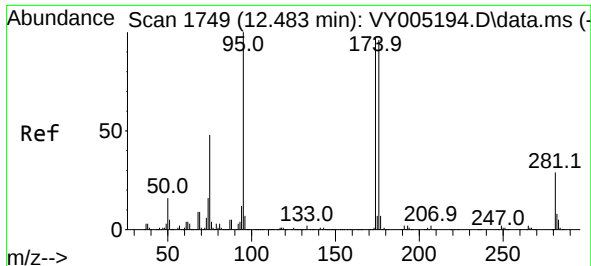
Tgt Ion: 98 Resp: 467320
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#59
2-Hexanone
Concen: 1.300 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

Tgt Ion: 43 Resp: 1543
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.4#

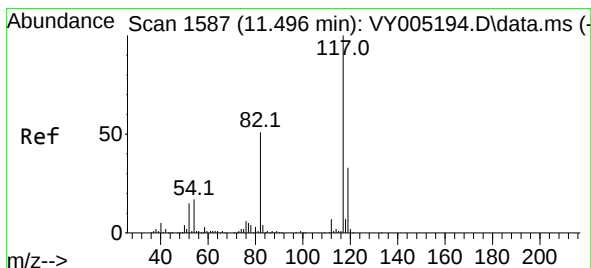
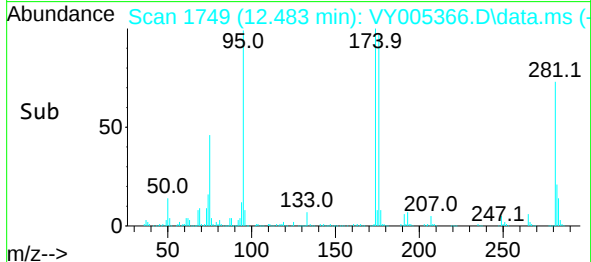
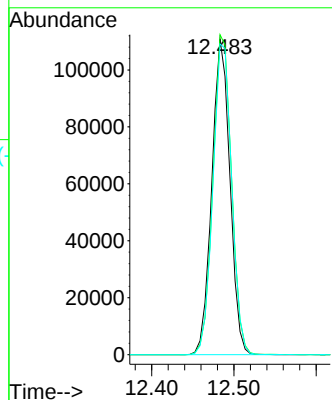
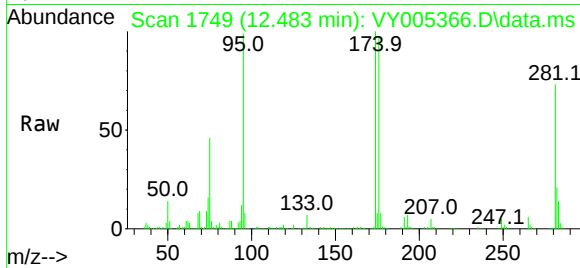




#62
4-Bromofluorobenzene
Concen: 54.532 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

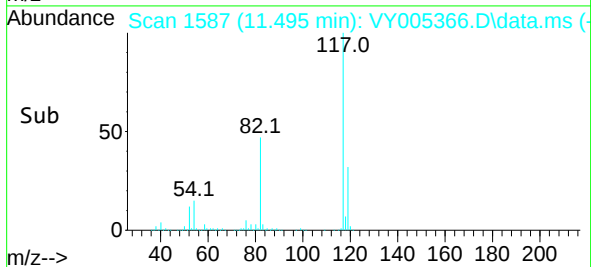
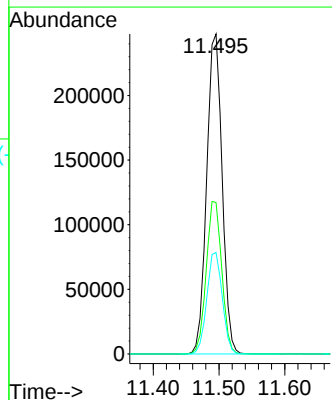
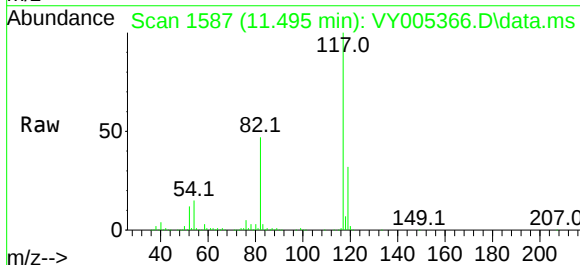
Instrument :
MSVOA_Y
ClientSampleId :

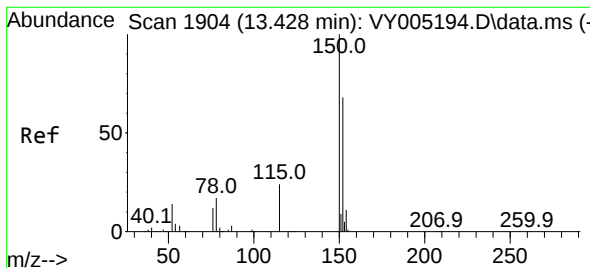
Tgt Ion:	95	Resp:	169295
Ion Ratio	Lower	Upper	
95	100		
174	104.0	0.0	201.6
176	101.9	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005366.D
Acq: 07 Jul 2021 15:40

Tgt Ion:	117	Resp:	404305
Ion Ratio	Lower	Upper	
117	100		
82	47.4	40.6	60.8
119	31.7	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY005366.D

Acq: 07 Jul 2021 15:40

Tgt Ion:152 Resp: 211707

Ion Ratio Lower Upper

152 100

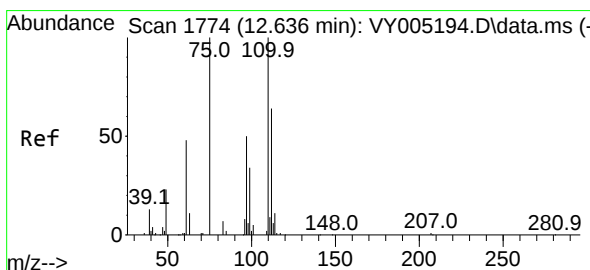
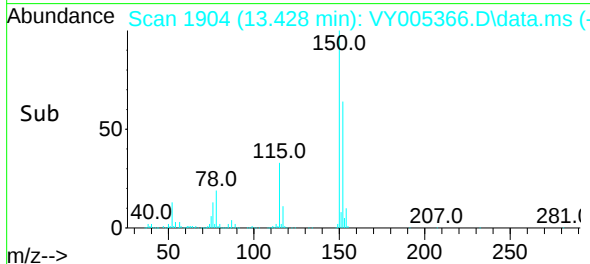
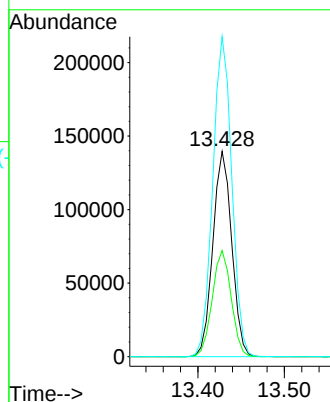
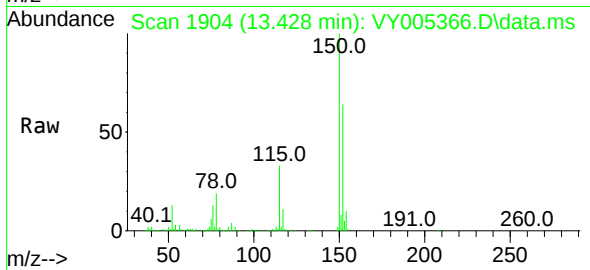
115 51.8 26.3 78.8

150 156.9 0.0 344.2

Instrument :

MSVOA_Y

ClientSampleId :



#76

1,2,3-Trichloropropane

Concen: 41.525 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY005366.D

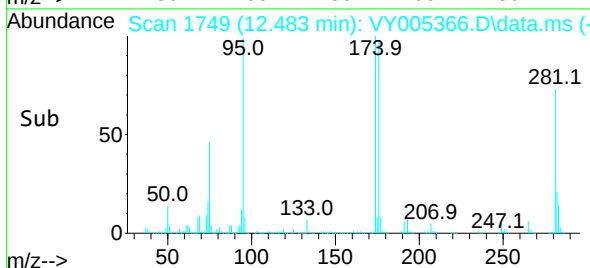
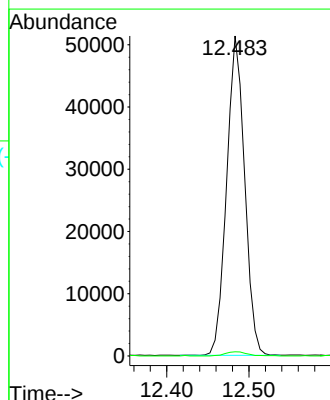
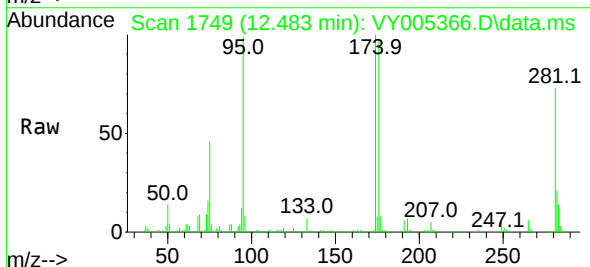
Acq: 07 Jul 2021 15:40

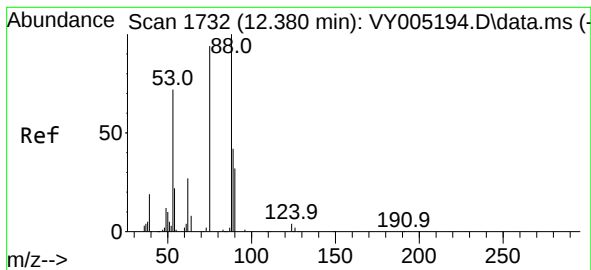
Tgt Ion: 75 Resp: 77968

Ion Ratio Lower Upper

75 100

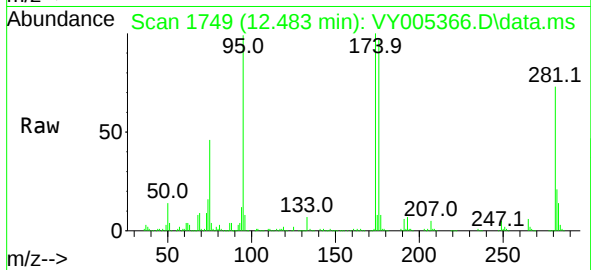
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.477 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005366.D
 Acq: 07 Jul 2021 15:40

Instrument :
 MSVOA_Y
 ClientSampled :



Tgt Ion: 75 Resp: 77968
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 1.4 38.0 57.0#

