

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008494.D
 Acq On : 26 Apr 2022 11:17
 Operator : KP/MD
 Sample : VY0426SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBL01

Quant Time: Apr 26 16:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

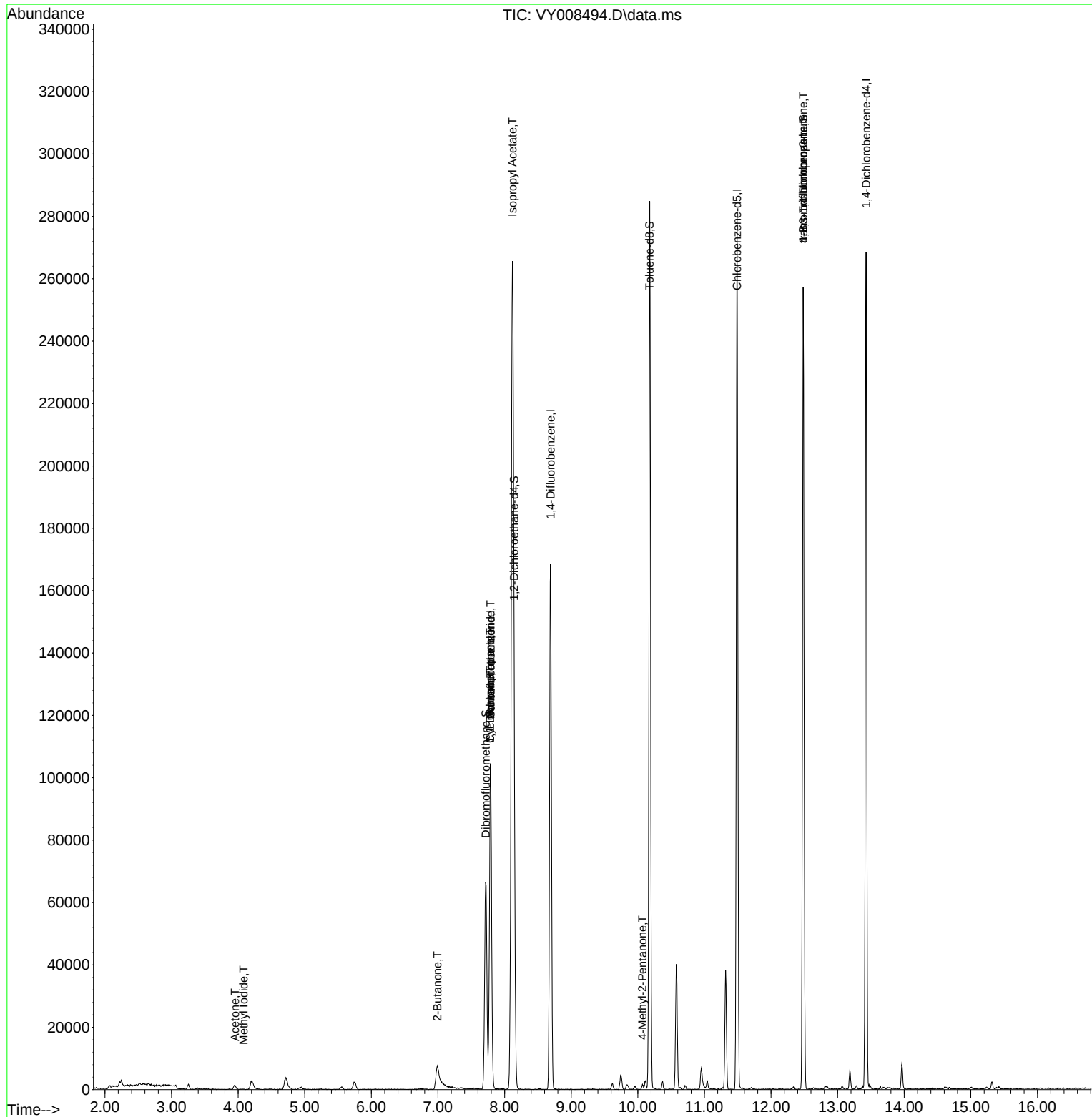
Internal Standards						
1) Pentafluorobenzene	7.789	168	81317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48335	50.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.040%	
35) Dibromofluoromethane	7.716	113	47241	48.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.360%	
50) Toluene-d8	10.179	98	185614	48.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.160%	
62) 4-Bromofluorobenzene	12.483	95	62598	47.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.800%	
Target Compounds						
						Qvalue
10) Methyl Iodide	4.082	142	75	1.751	ug/l #	35
11) Tert butyl alcohol	4.942	59	1386	Below Cal	#	77
16) Acetone	3.954	43	2326	10.437	ug/l #	88
20) Methylene Chloride	4.722	84	2857	Below Cal	#	74
25) 2-Butanone	6.990	43	849	2.462	ug/l #	54
31) Cyclohexane	7.783	56	1832	1.165	ug/l #	23
36) 1,1-Dichloropropene	7.783	75	6491	4.205	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7986	4.979	ug/l #	16
43) Isopropyl Acetate	8.118	43	5434	3.461	ug/l #	7
51) 4-Methyl-2-Pentanone	10.069	43	890	1.077	ug/l #	73
76) 1,2,3-Trichloropropane	12.483	75	34620	40.191	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34620	93.238	ug/l #	7

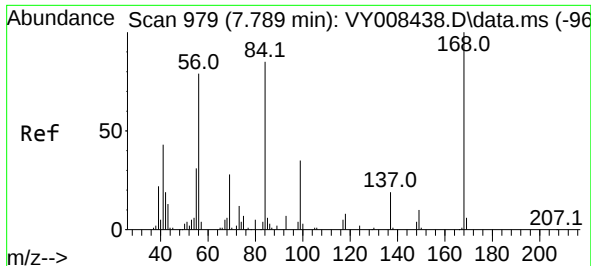
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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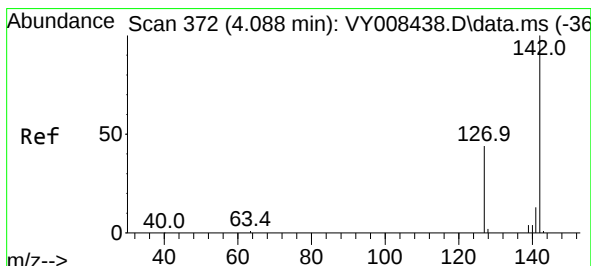
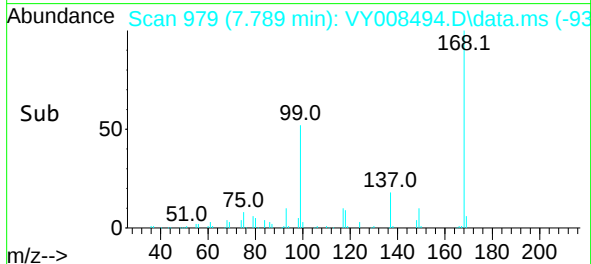
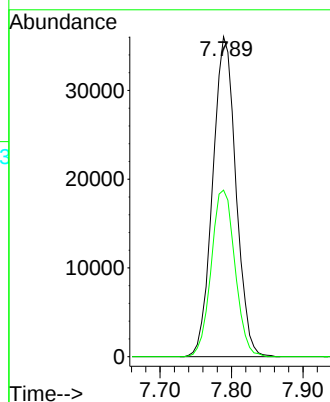
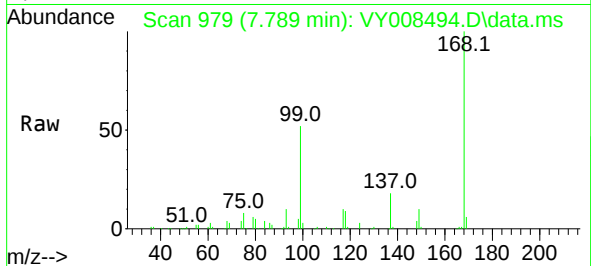




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

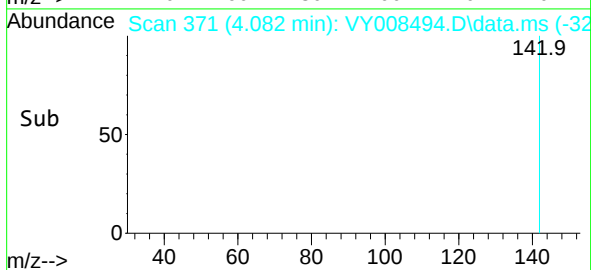
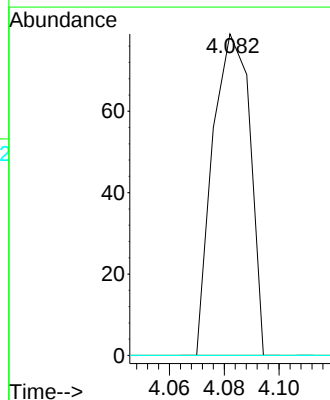
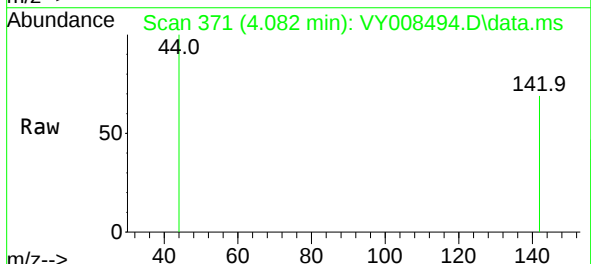
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

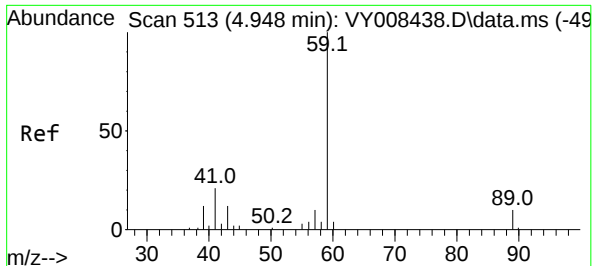
Tgt Ion:168 Resp: 81317
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#10
Methyl Iodide
Concen: 1.751 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008494.D

Acq: 26 Apr 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

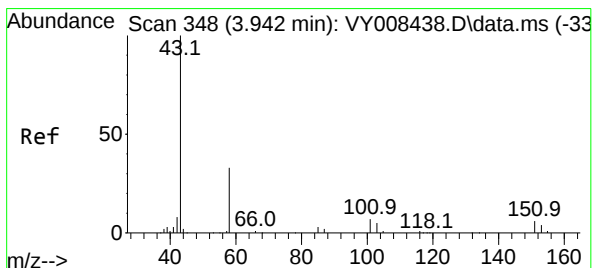
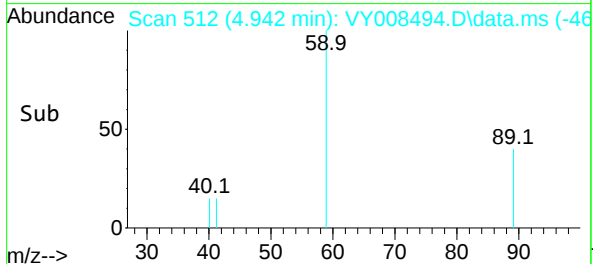
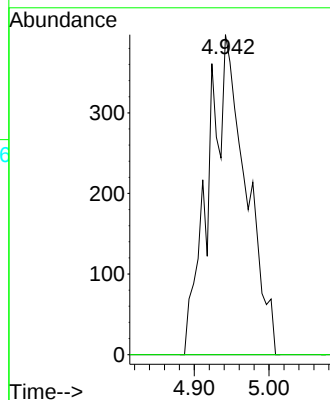
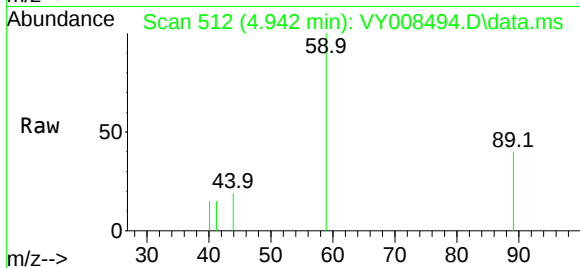
VY0426SBL01

Tgt Ion: 59 Resp: 1386

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 10.437 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY008494.D

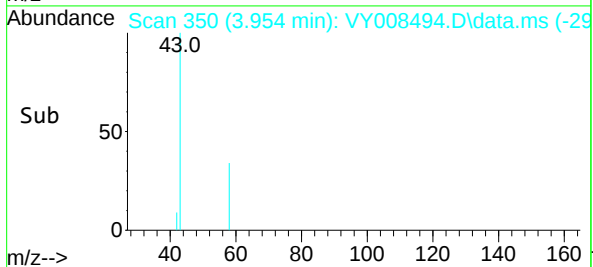
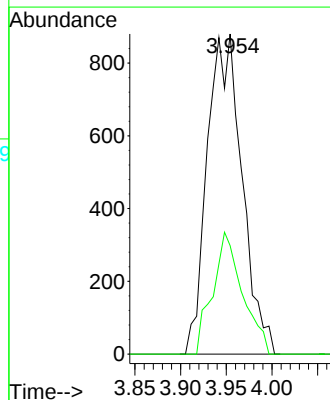
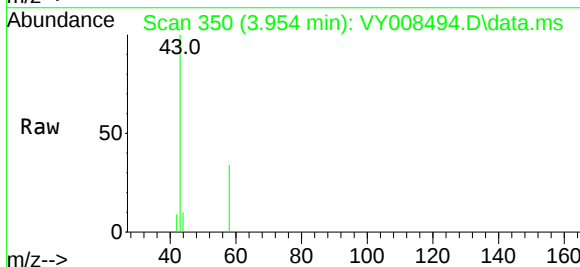
Acq: 26 Apr 2022 11:17

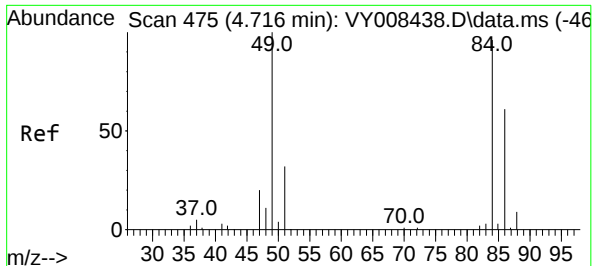
Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

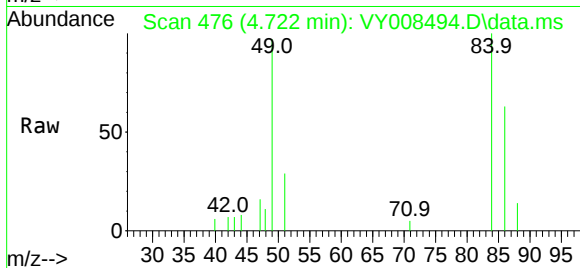
58 33.9 22.0 33.0#



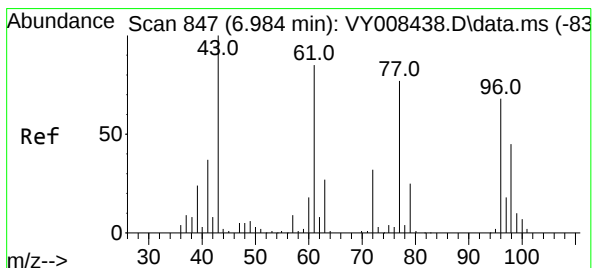
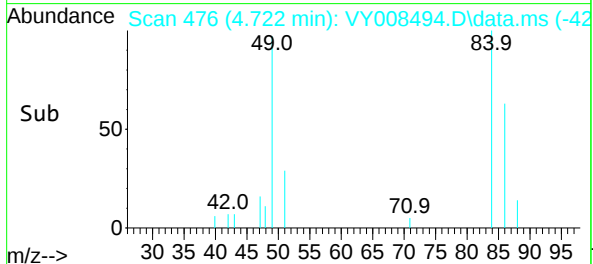
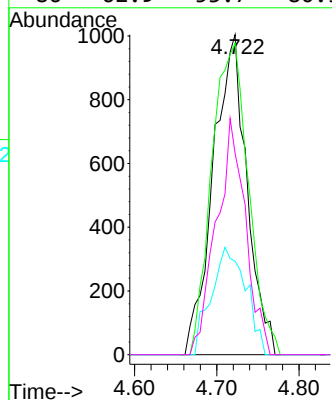


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

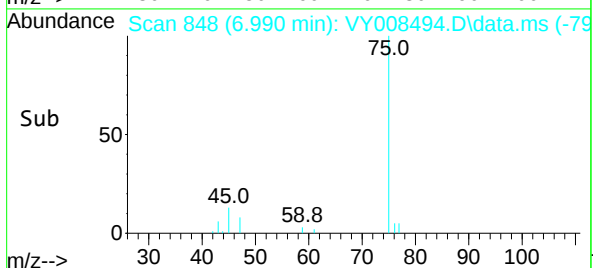
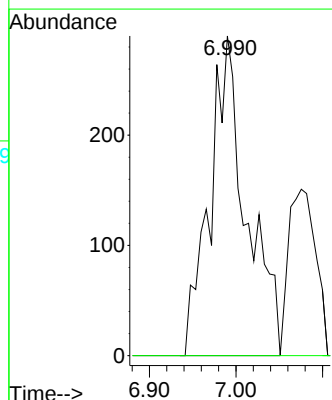
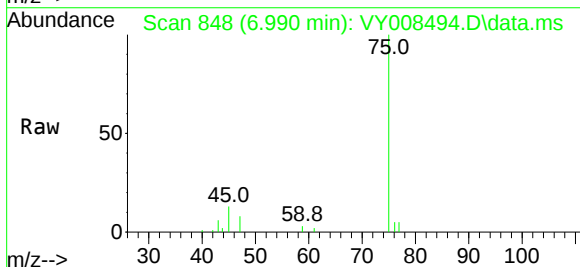


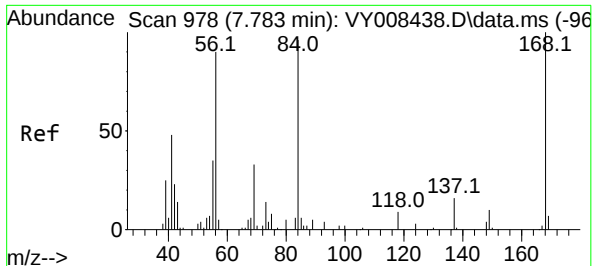
Tgt Ion: 84	Resp: 2857
Ion Ratio	Lower Upper
84 100	
49 97.3	114.4 171.6#
51 29.3	35.3 52.9#
86 62.9	53.7 80.5



#25
2-Butanone
Concen: 2.462 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Tgt Ion: 43	Resp: 849		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	17.7	26.5#	

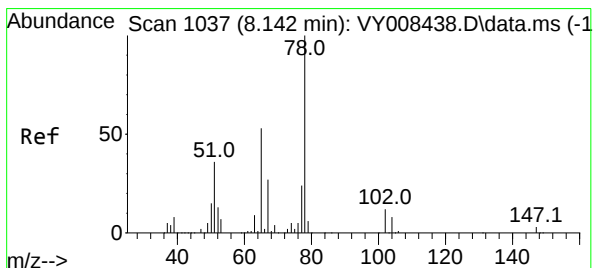
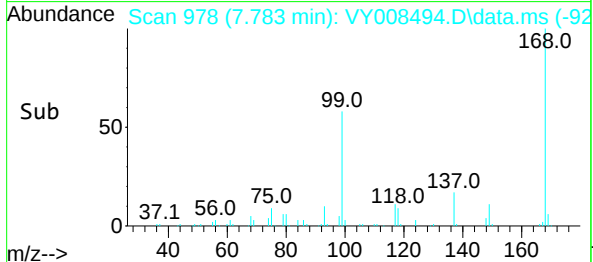
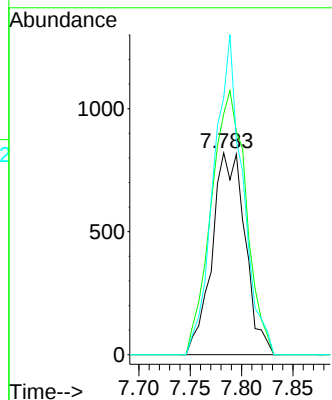
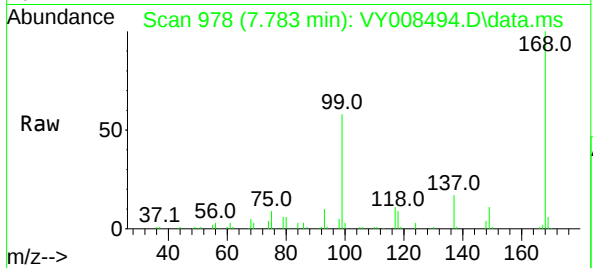




#31
Cyclohexane
Concen: 1.165 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

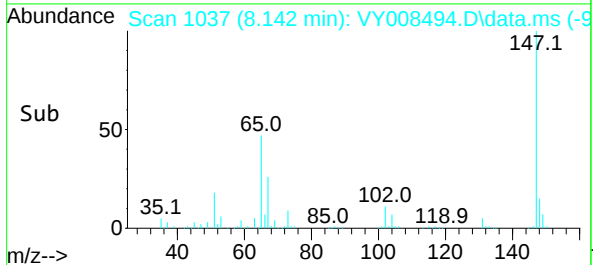
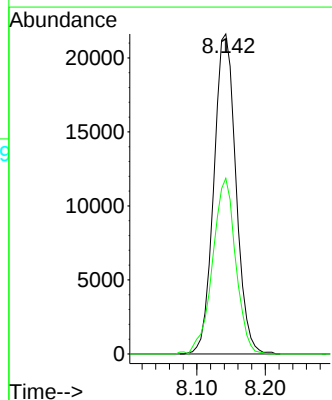
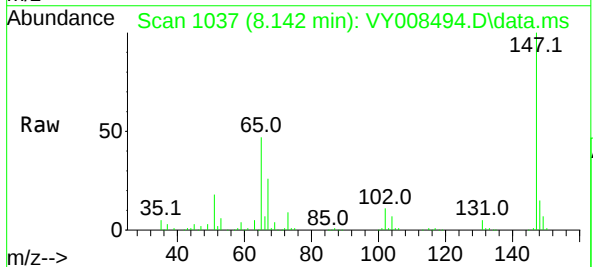
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

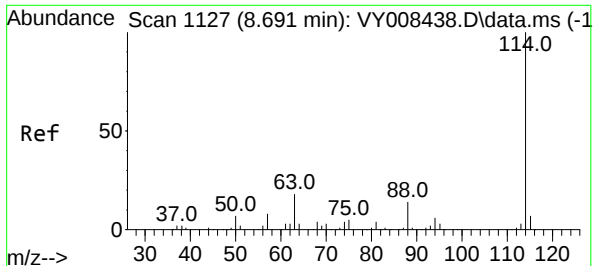
Tgt Ion: 56 Resp: 1832
Ion Ratio Lower Upper
56 100
69 119.4 26.7 40.1#
84 127.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.518 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Tgt Ion: 65 Resp: 48335
Ion Ratio Lower Upper
65 100
67 57.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008494.D

Acq: 26 Apr 2022 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBL01

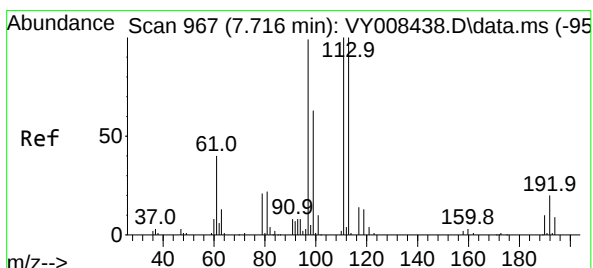
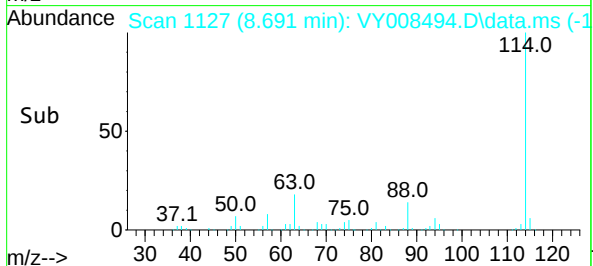
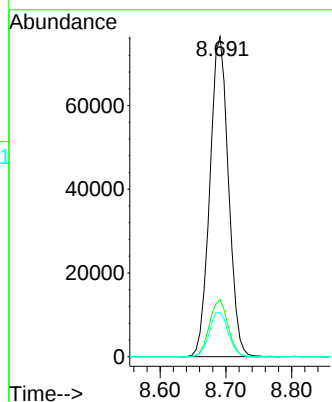
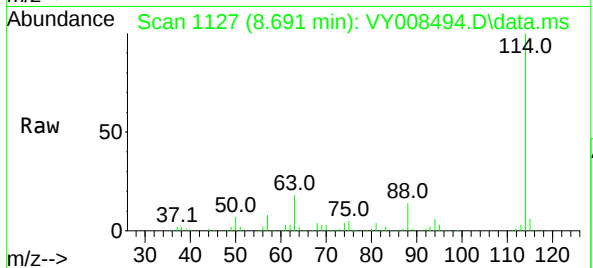
Tgt Ion:114 Resp: 150379

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.676 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008494.D

Acq: 26 Apr 2022 11:17

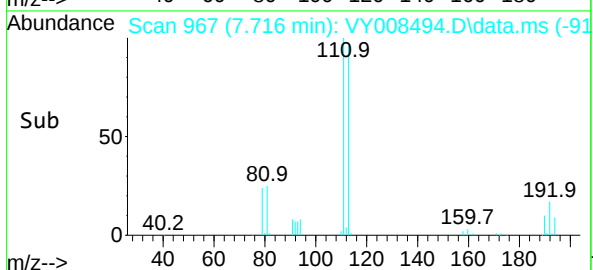
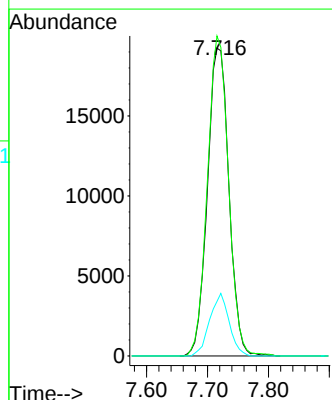
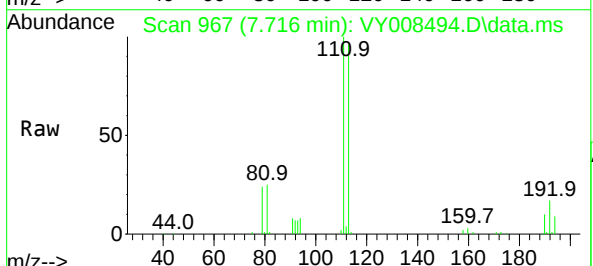
Tgt Ion:113 Resp: 47241

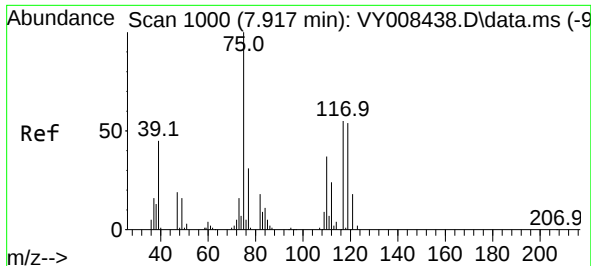
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.205 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008494.D

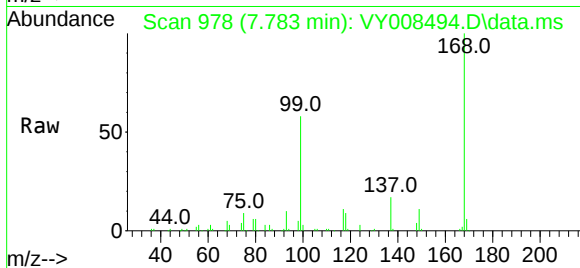
Acq: 26 Apr 2022 11:17

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MSVOA_Y

ClientSampleId :

VY0426SBL01



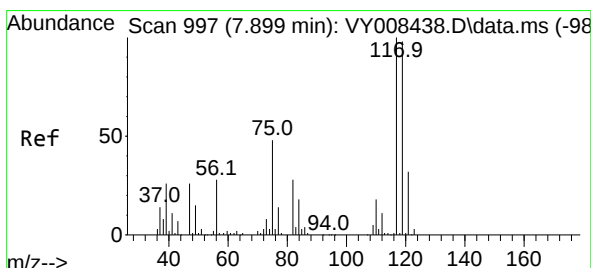
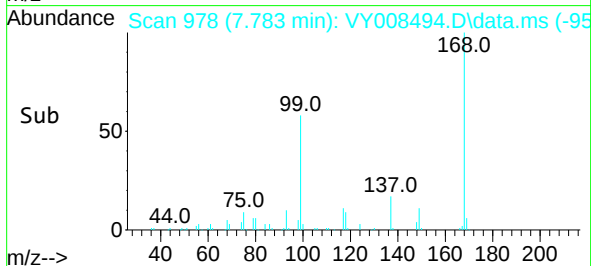
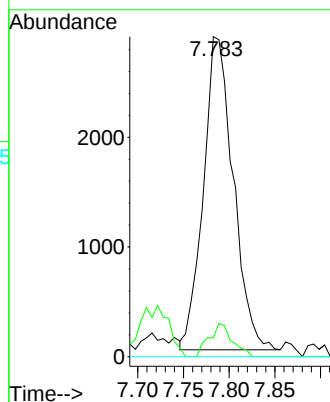
Tgt Ion: 75 Resp: 6491

Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.979 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008494.D

Acq: 26 Apr 2022 11:17

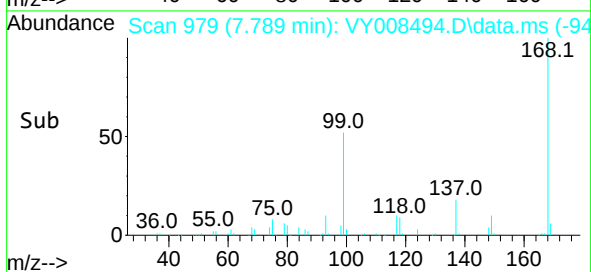
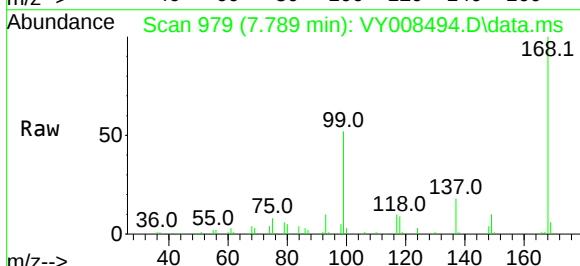
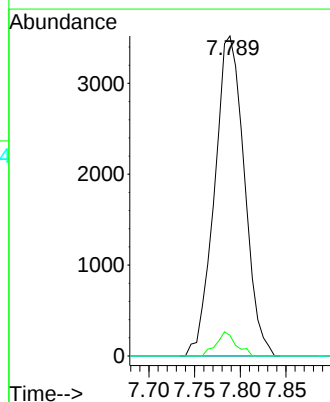
Tgt Ion: 117 Resp: 7986

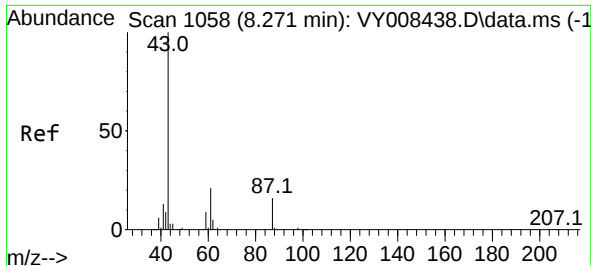
Ion Ratio Lower Upper

117 100

119 6.4 77.9 116.9#

121 0.0 24.8 37.2#

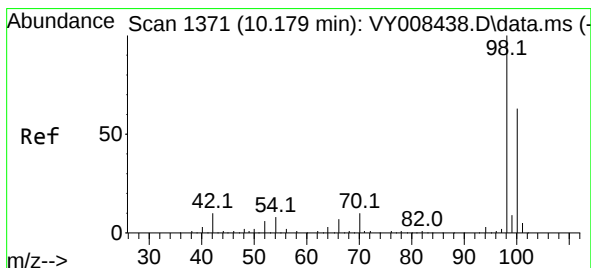
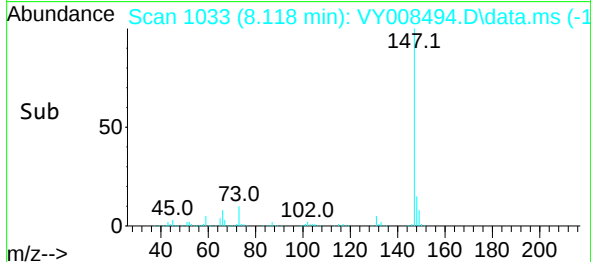
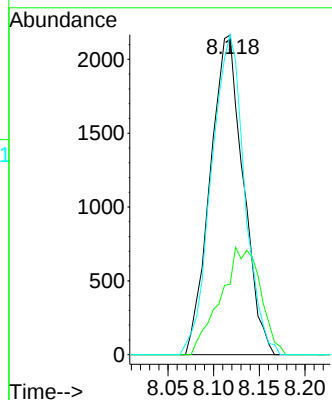
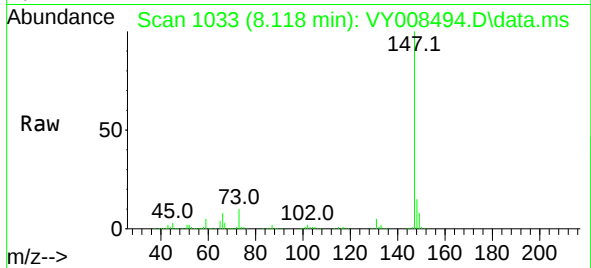




#43
Isopropyl Acetate
Concen: 3.461 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.153 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

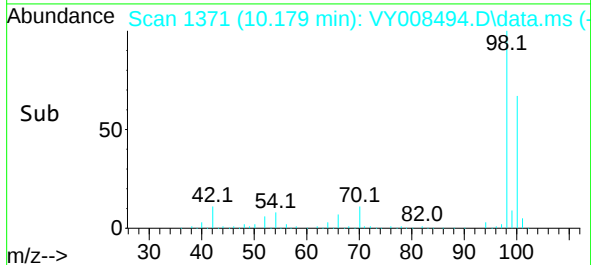
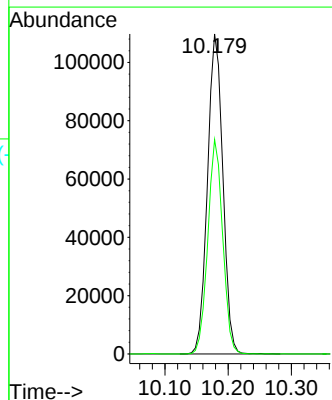
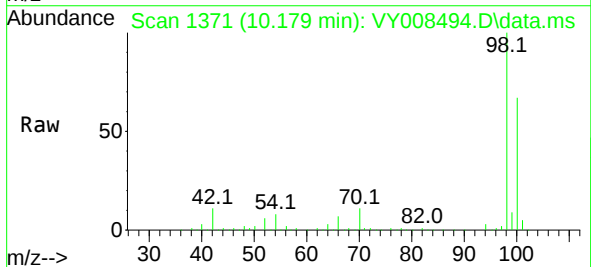
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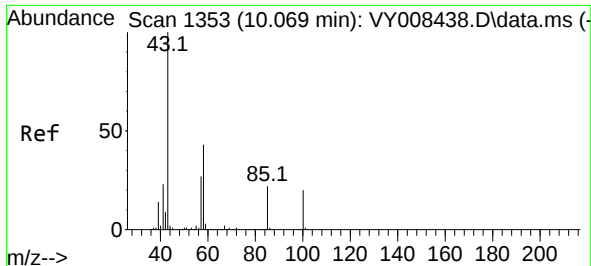
Tgt Ion: 43 Resp: 5434
Ion Ratio Lower Upper
43 100
61 40.6 20.2 30.2#
87 100.8 8.9 13.3#



#50
Toluene-d8
Concen: 48.078 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Tgt Ion: 98 Resp: 185614
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

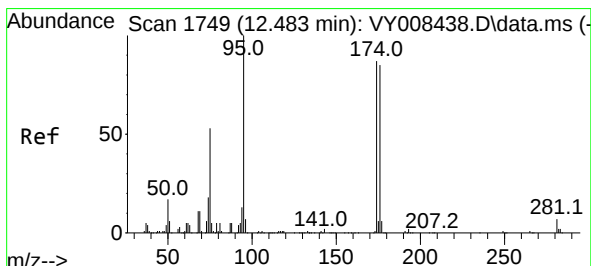
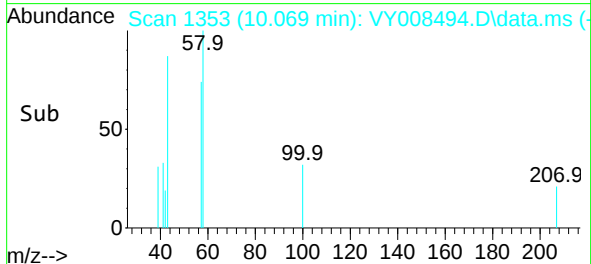
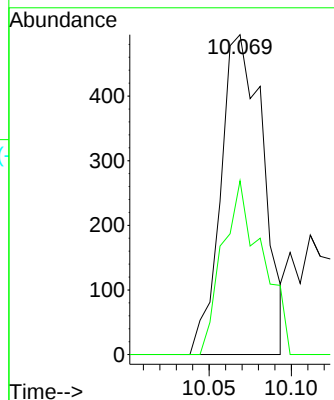
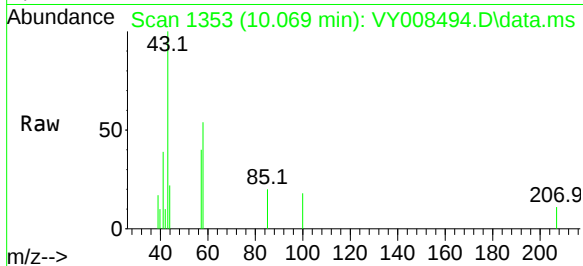




#51
4-Methyl-2-Pentanone
Concen: 1.077 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

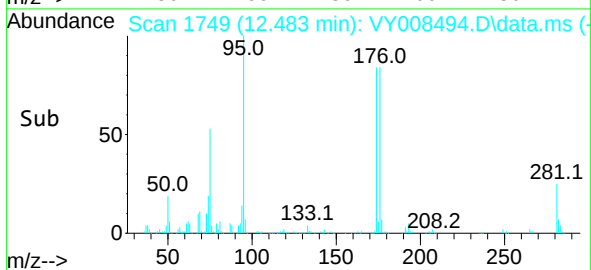
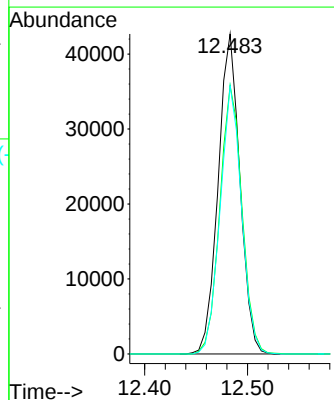
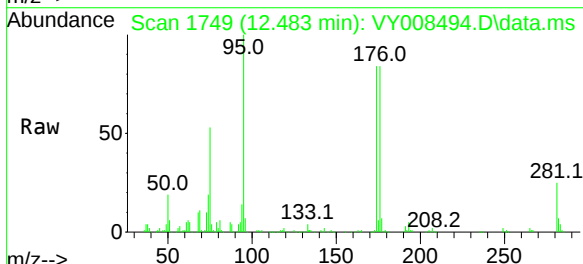
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

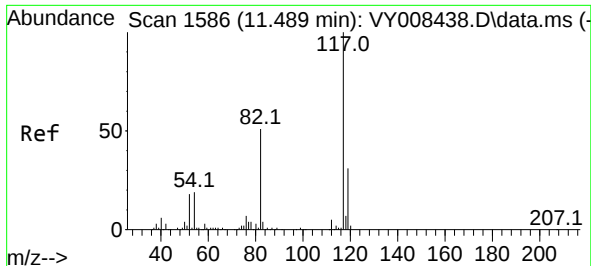
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 50.9 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 47.900 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Tgt Ion: 95 Resp: 62598
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.6 0.0 175.8

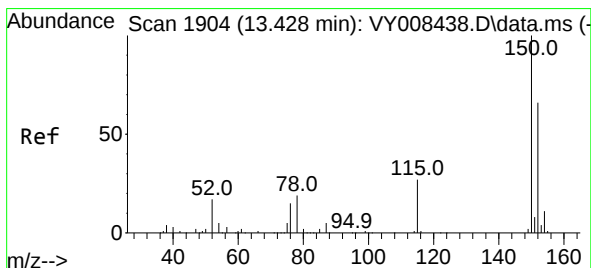
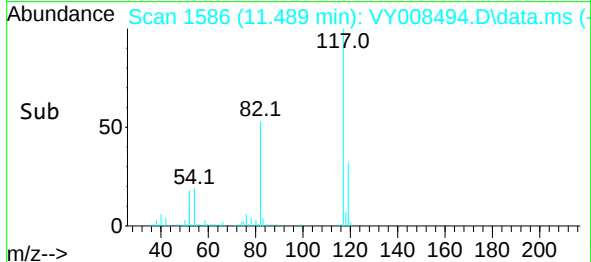
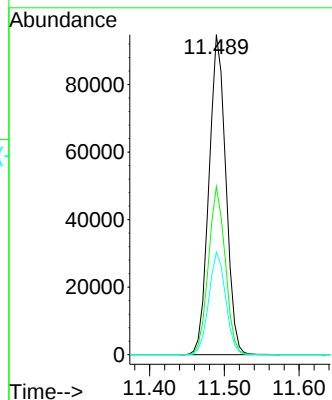
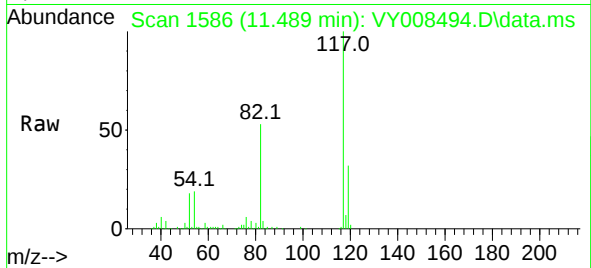




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

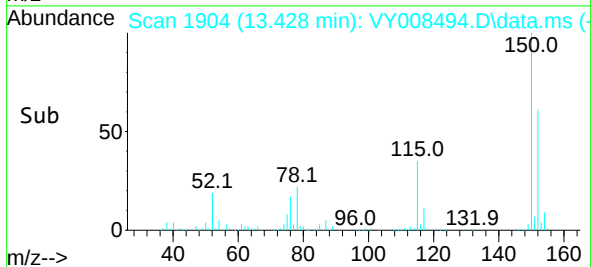
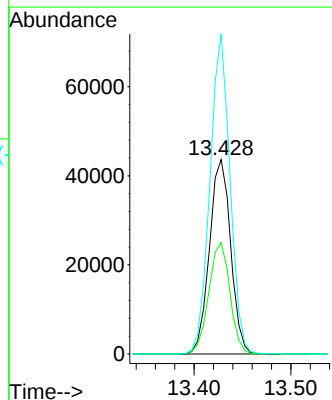
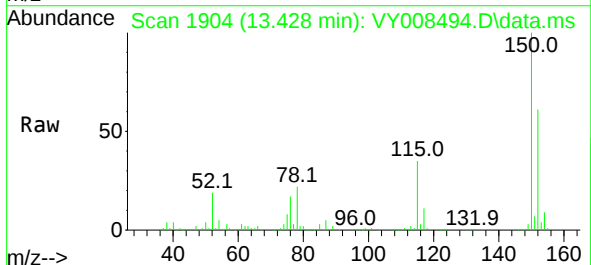
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

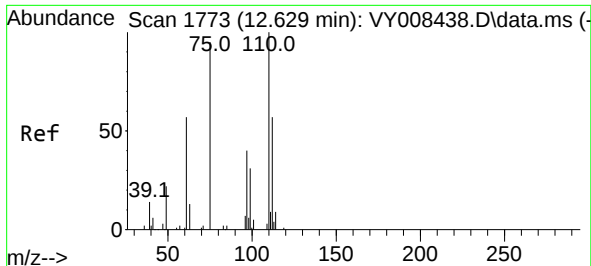
Tgt Ion:117 Resp: 148539
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Tgt Ion:152 Resp: 66560
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 155.7 0.0 347.6

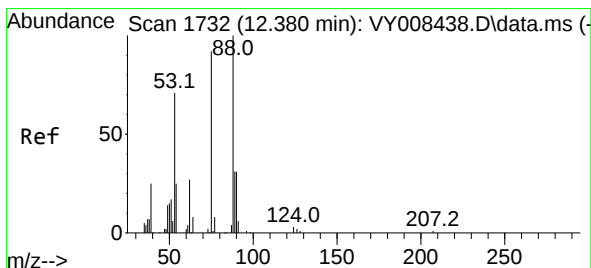
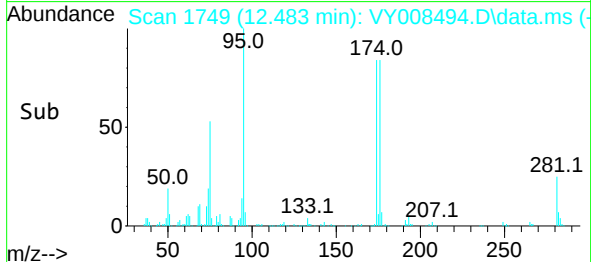
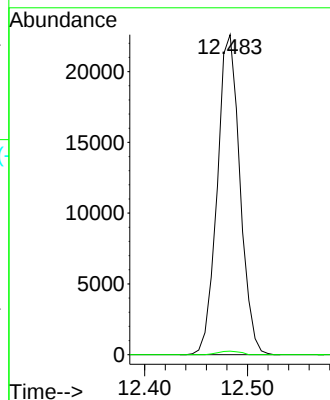
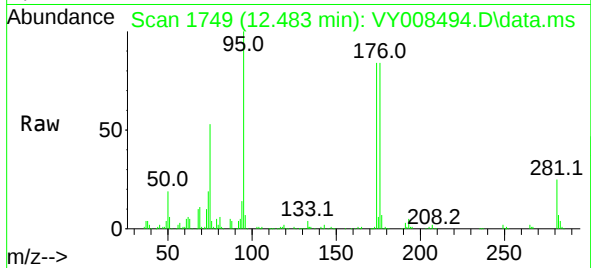




#76
1,2,3-Trichloropropane
Concen: 40.191 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

Tgt Ion: 75 Resp: 34620
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008494.D
Acq: 26 Apr 2022 11:17

Tgt Ion: 75 Resp: 34620
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#

