

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008487.D
 Acq On : 25 Apr 2022 17:14
 Operator : KP/MD
 Sample : N2541-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-042222

Quant Time: Apr 26 01:57:43 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)

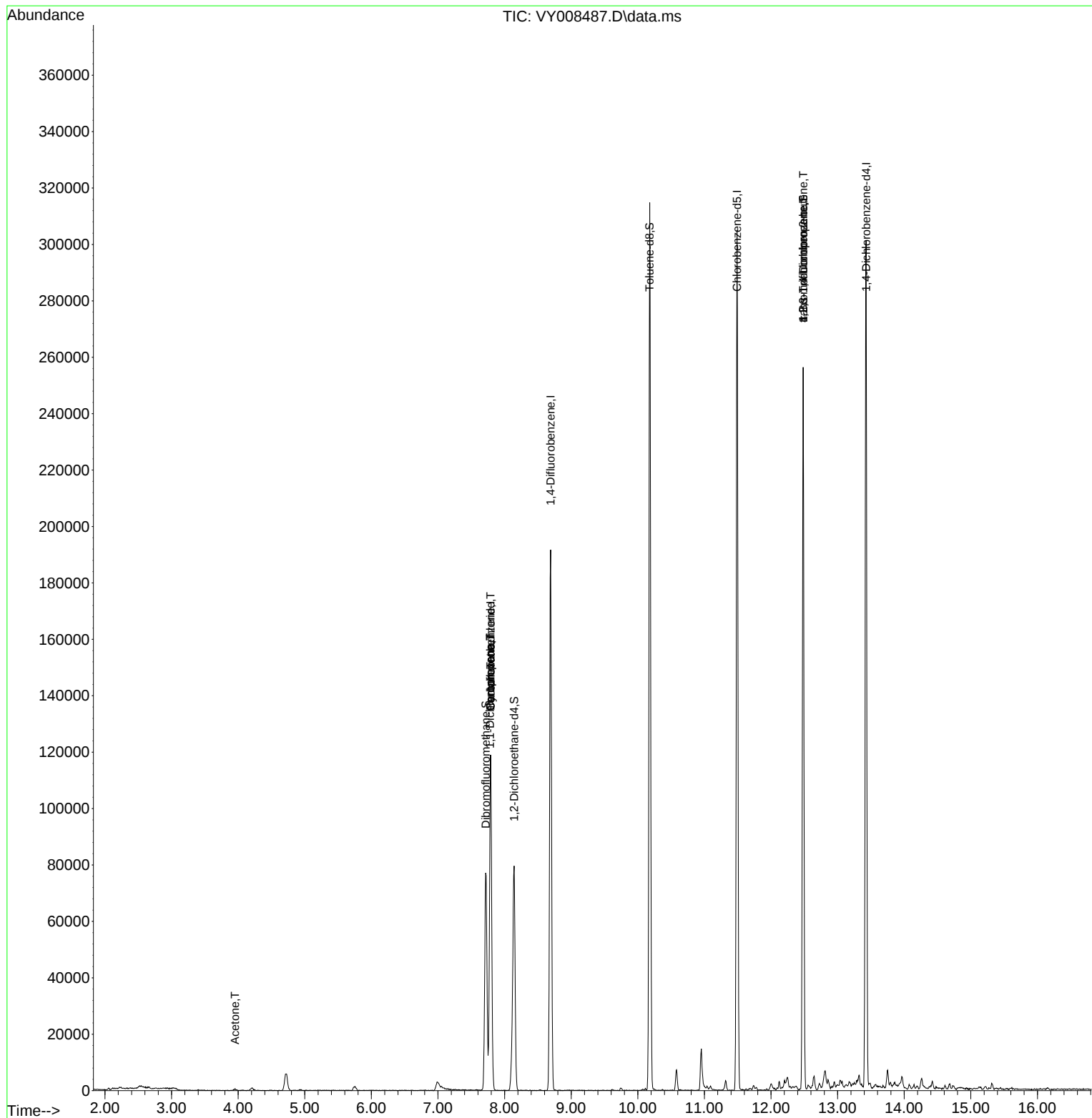
Internal Standards						
1) Pentafluorobenzene	7.789	168	92257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55719	51.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.660%
35) Dibromofluoromethane	7.716	113	53950	49.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.179	98	206173	47.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.483	95	72629	49.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	408	Below Cal	#	77
16) Acetone	3.954	43	838	3.314	ug/l #	80
20) Methylene Chloride	4.716	84	4933	Below Cal	#	73
31) Cyclohexane	7.789	56	2071	1.161	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	7584	4.344	ug/l #	51
38) Carbon Tetrachloride	7.789	117	9035	4.981	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	39450	39.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39450	90.993	ug/l #	7

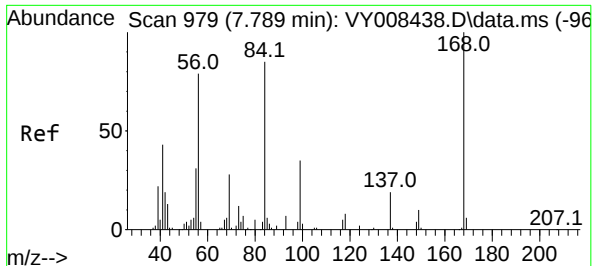
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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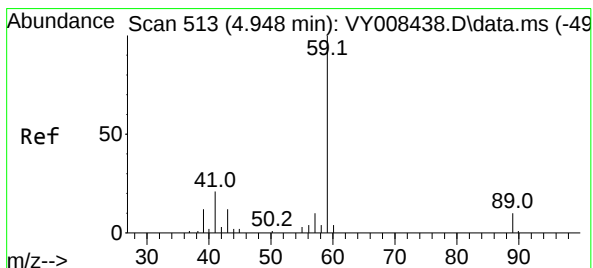
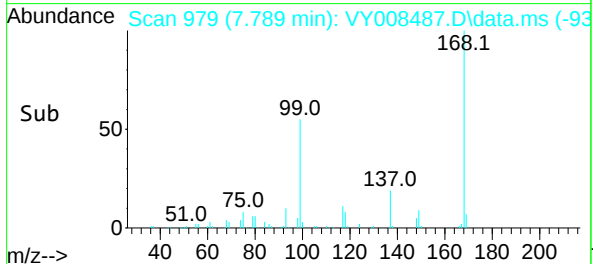
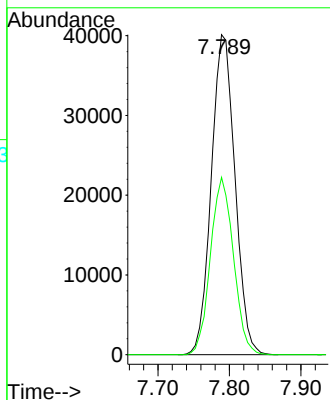
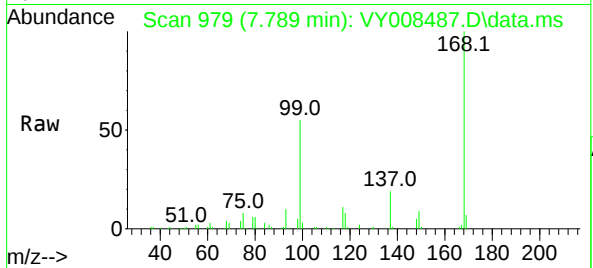




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

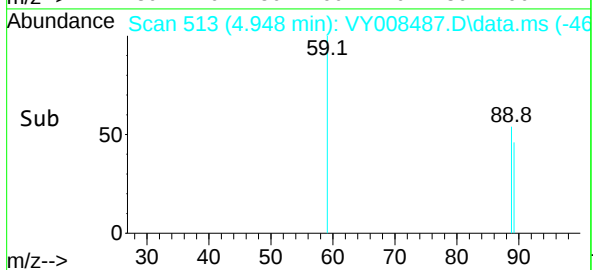
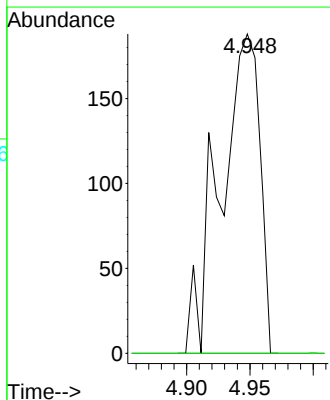
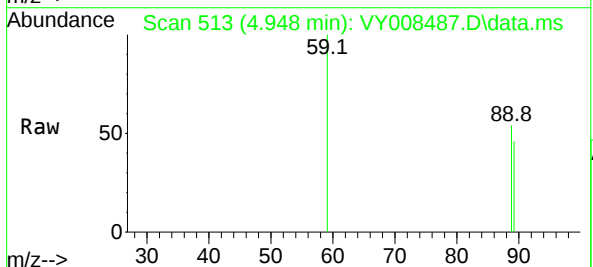
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-042222

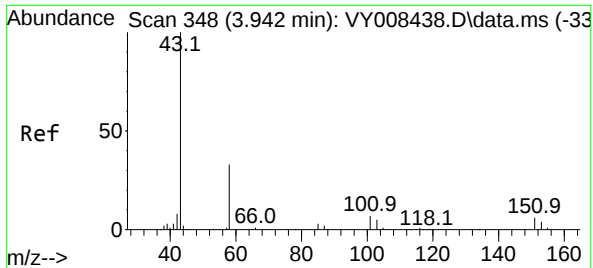
Tgt Ion:168 Resp: 92257
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

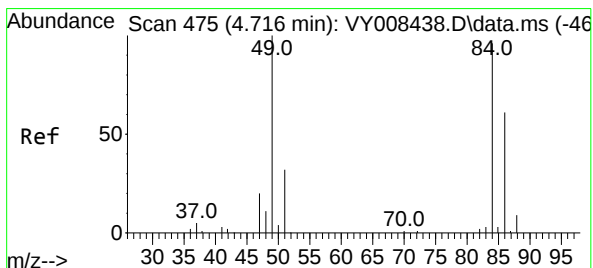
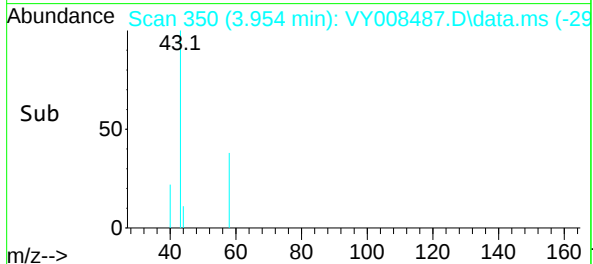
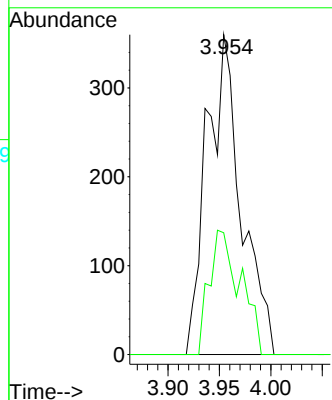
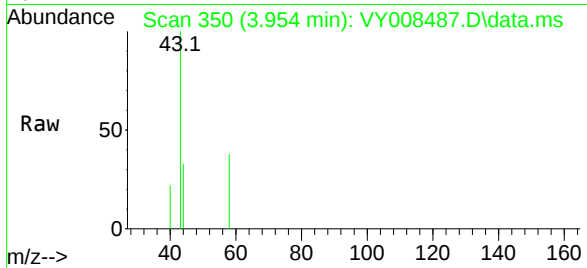




#16
Acetone
Concen: 3.314 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

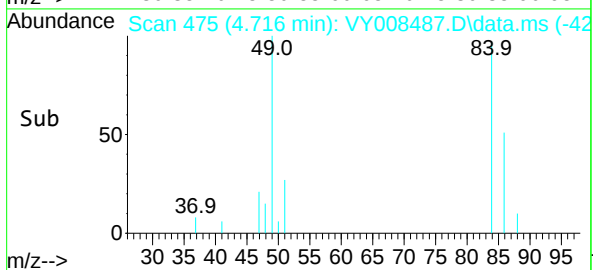
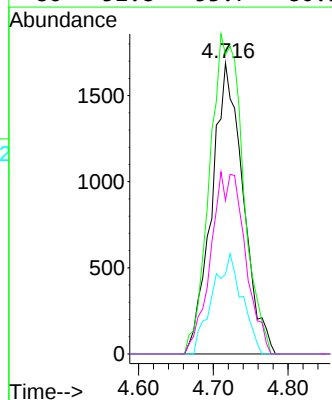
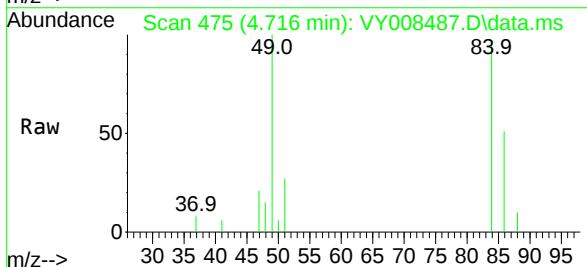
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-042222

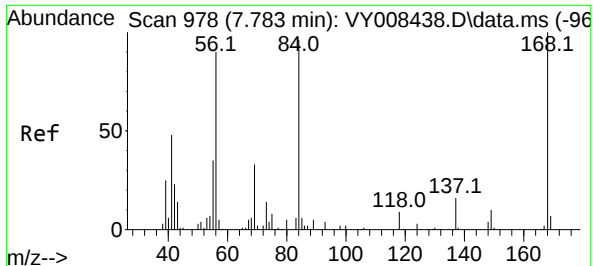
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 38.1 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion: 84 Resp: 4933
Ion Ratio Lower Upper
84 100
49 102.9 114.4 171.6#
51 27.4 35.3 52.9#
86 52.8 53.7 80.5#

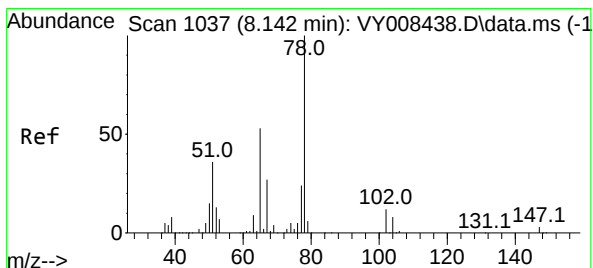
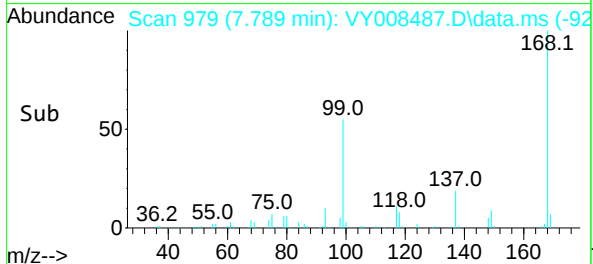
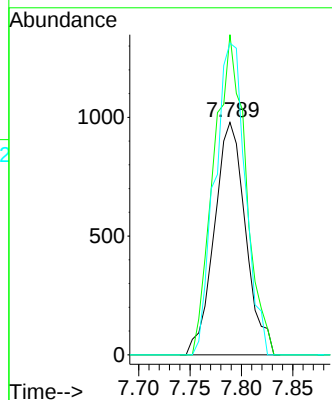
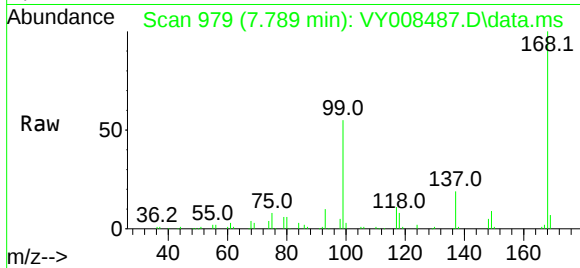




#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

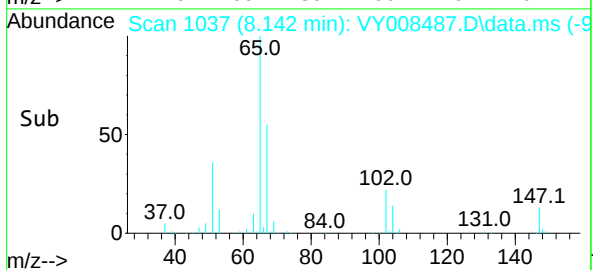
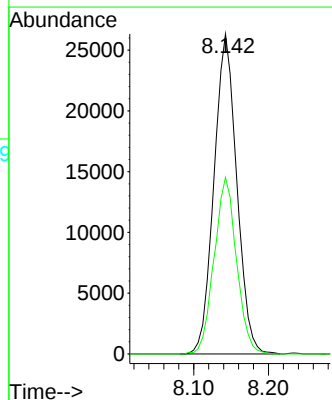
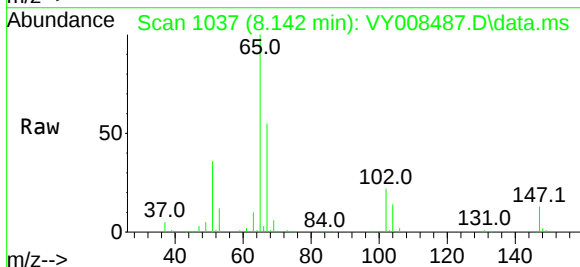
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-042222

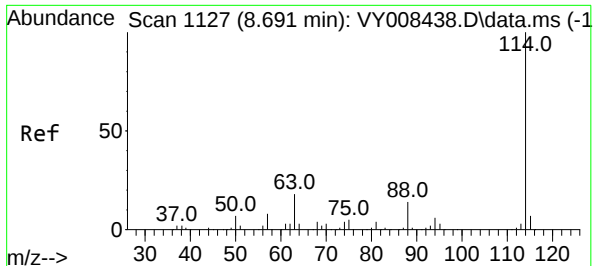
Tgt Ion: 56 Resp: 2071
Ion Ratio Lower Upper
56 100
69 137.7 26.7 40.1#
84 134.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.329 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion: 65 Resp: 55719
Ion Ratio Lower Upper
65 100
67 54.1 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: VY008487.D

Acq: 25 Apr 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-042222

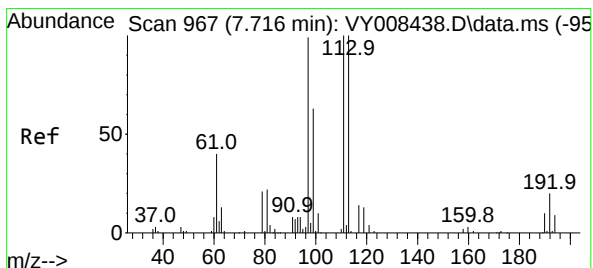
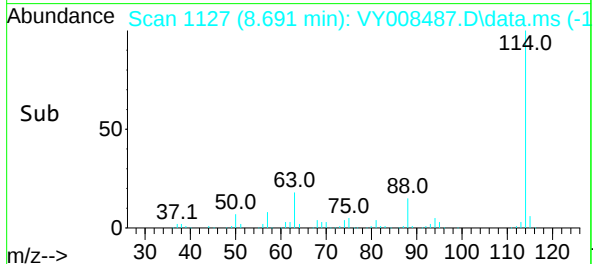
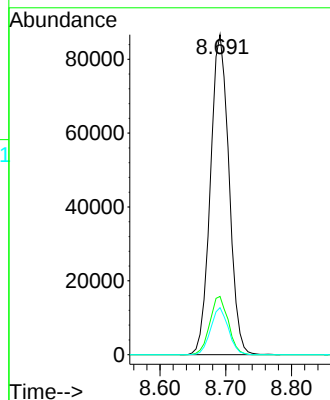
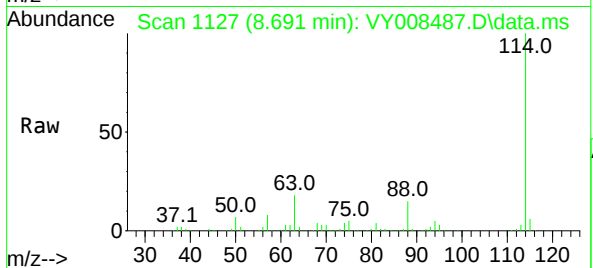
Tgt Ion:114 Resp: 170062

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.155 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008487.D

Acq: 25 Apr 2022 17:14

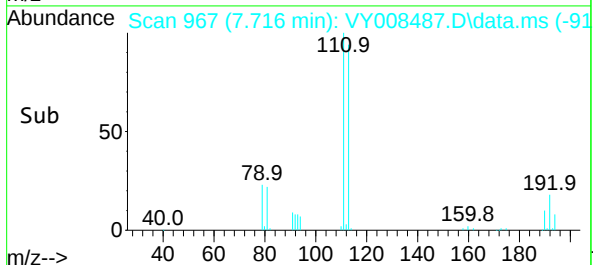
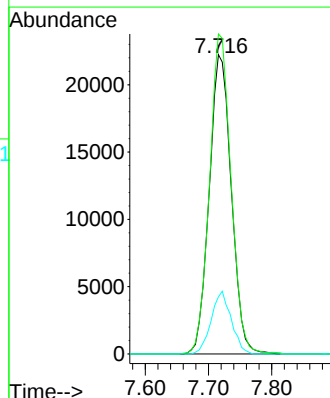
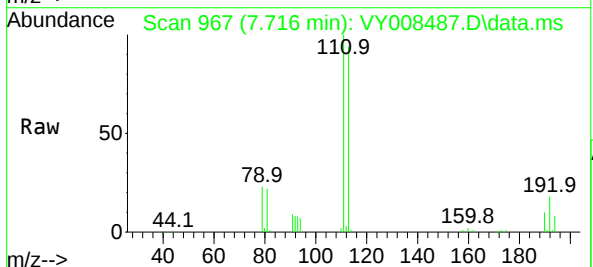
Tgt Ion:113 Resp: 53950

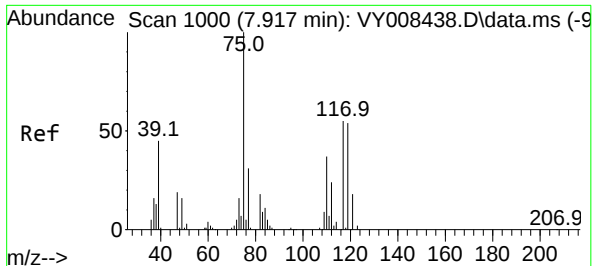
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.344 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008487.D

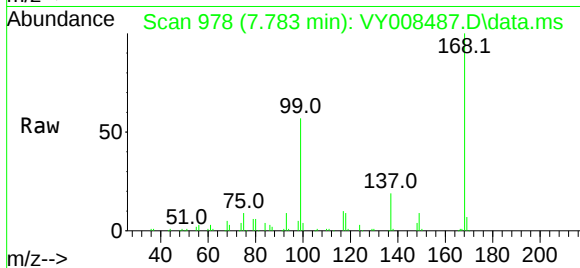
Acq: 25 Apr 2022 17:14

Instrument :

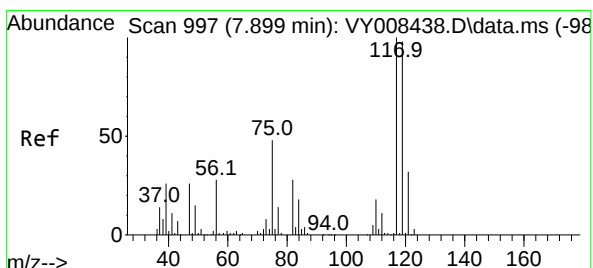
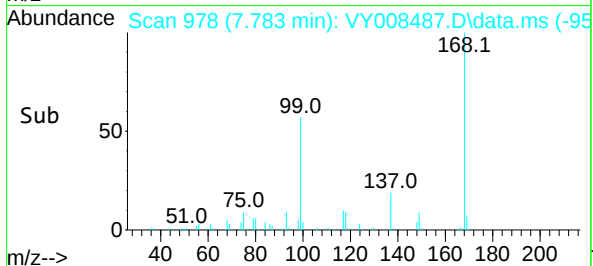
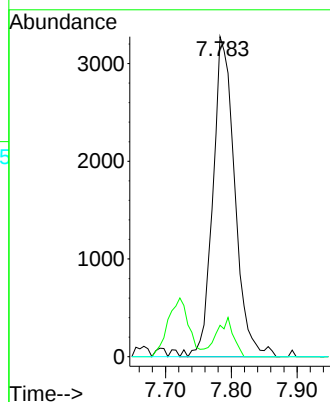
MSVOA_Y

ClientSampleId :

CL-02-042222



Tgt Ion:	75	Resp:	7584
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.981 ug/l

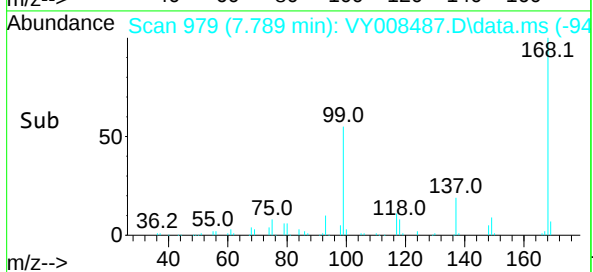
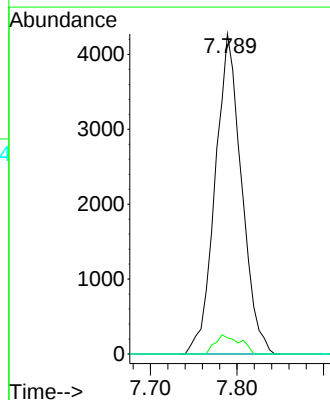
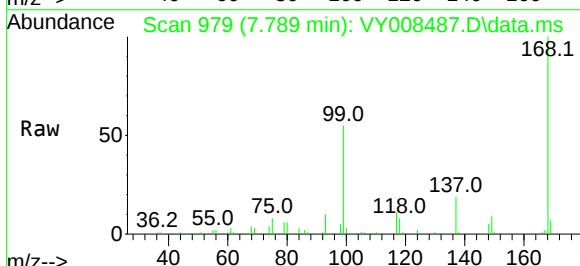
RT: 7.789 min Scan# 979

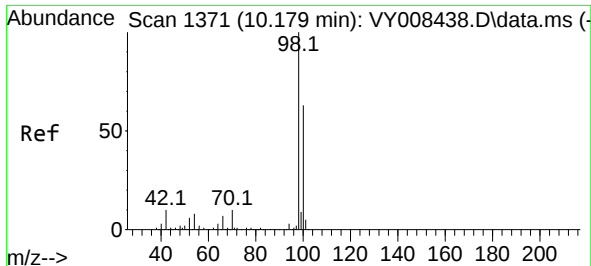
Delta R.T. -0.110 min

Lab File: VY008487.D

Acq: 25 Apr 2022 17:14

Tgt Ion:	117	Resp:	9035
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.9	116.9#
121	0.0	24.8	37.2#

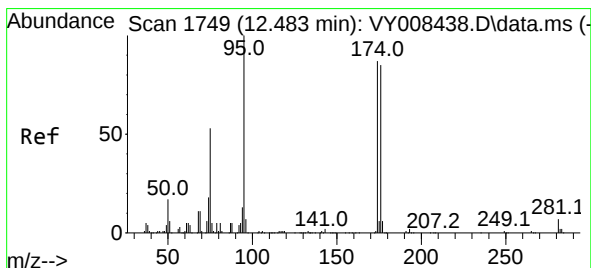
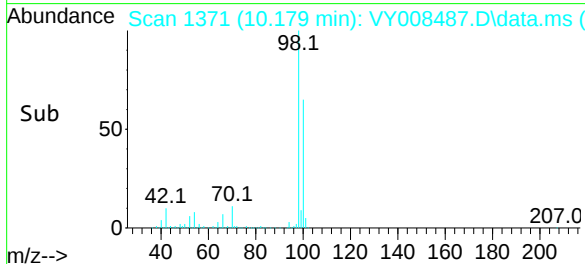
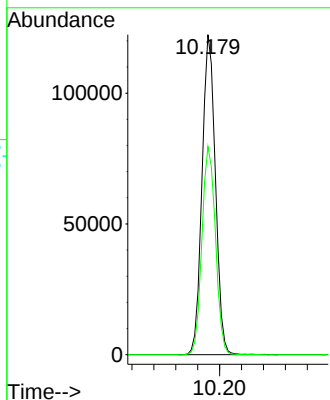
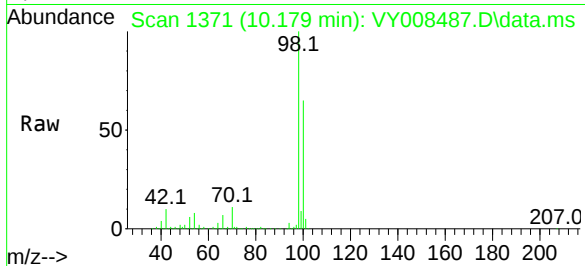




#50
Toluene-d8
Concen: 47.261 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

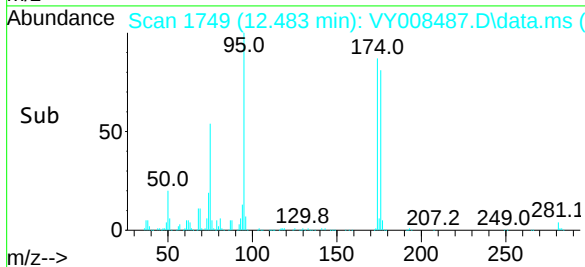
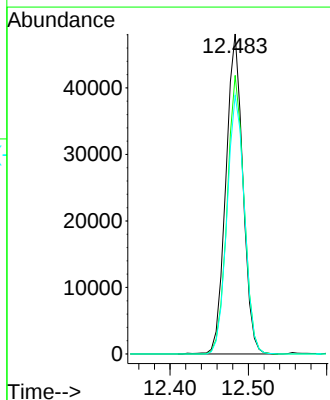
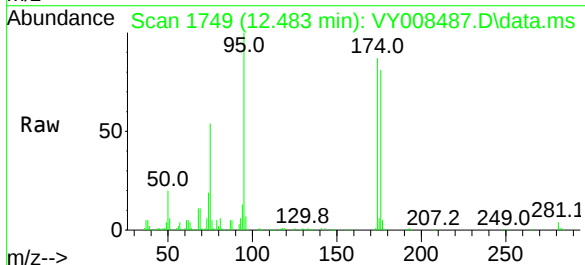
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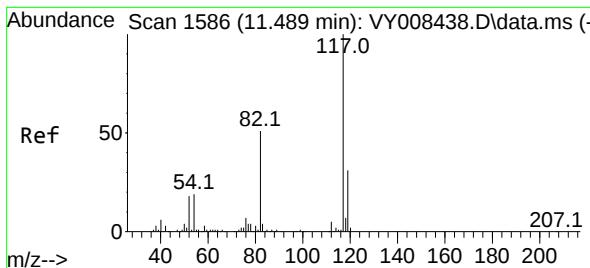
Tgt Ion: 98 Resp: 206173
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.143 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion: 95 Resp: 72629
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 82.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY008487.D

Acq: 25 Apr 2022 17:14

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-042222

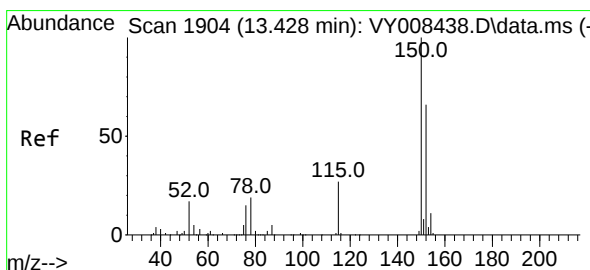
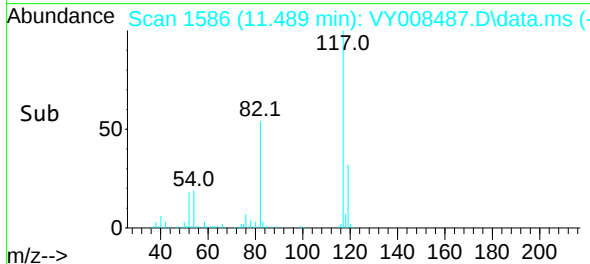
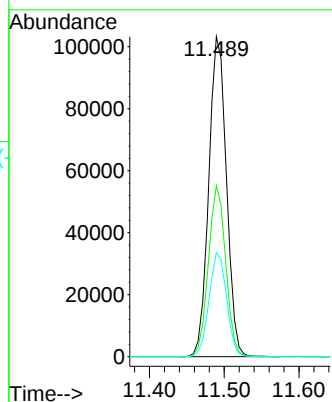
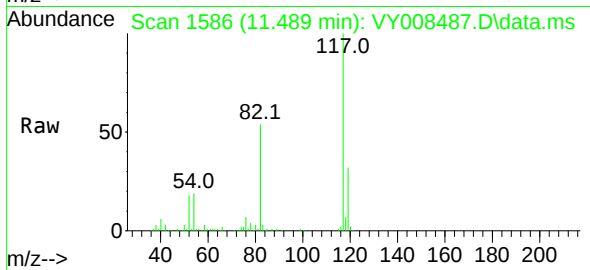
Tgt Ion:117 Resp: 169453

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 32.4 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: VY008487.D

Acq: 25 Apr 2022 17:14

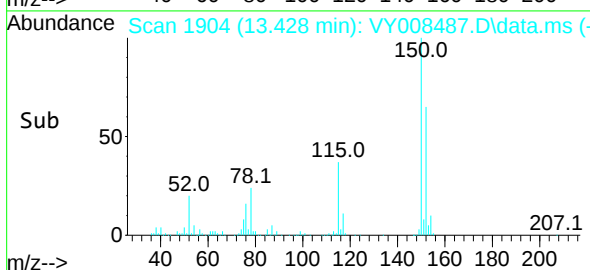
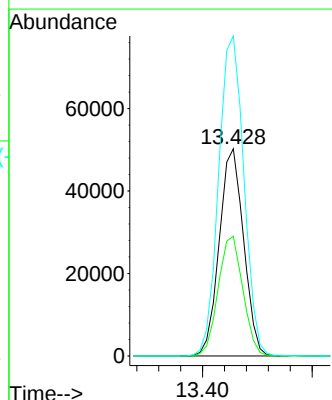
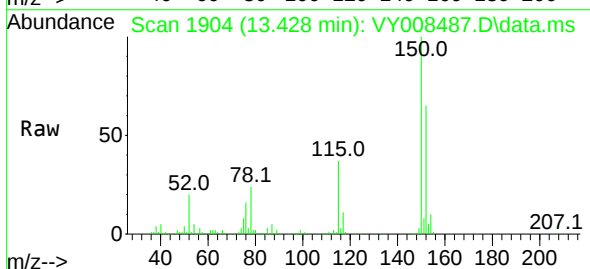
Tgt Ion:152 Resp: 77717

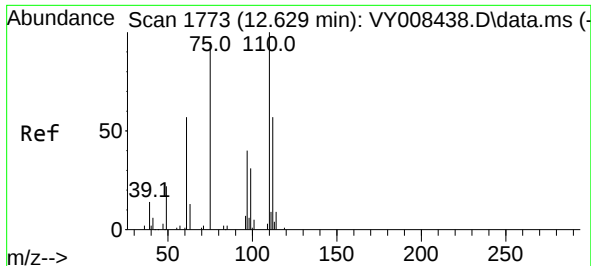
Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 159.8 0.0 347.6

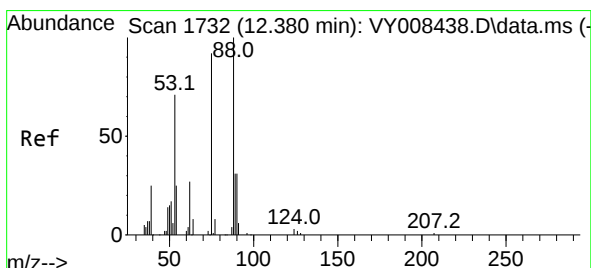
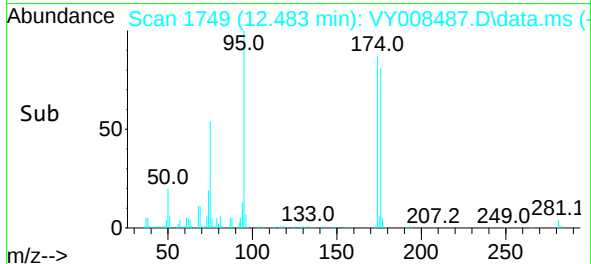
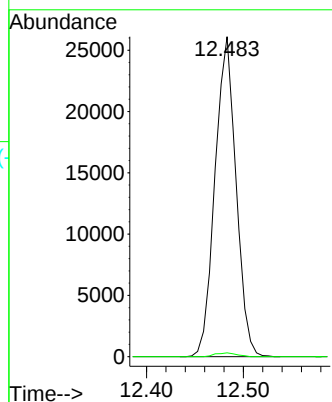
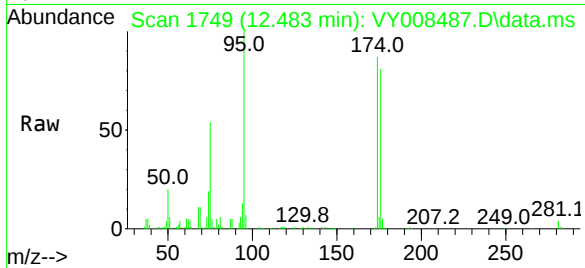




#76
1,2,3-Trichloropropane
Concen: 39.223 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-042222

Tgt Ion: 75 Resp: 39450
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion: 75 Resp: 39450
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

