

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008941.D
 Acq On : 21 May 2022 11:56
 Operator : KP/MD
 Sample : N2919-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0006-02

Quant Time: May 21 21:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

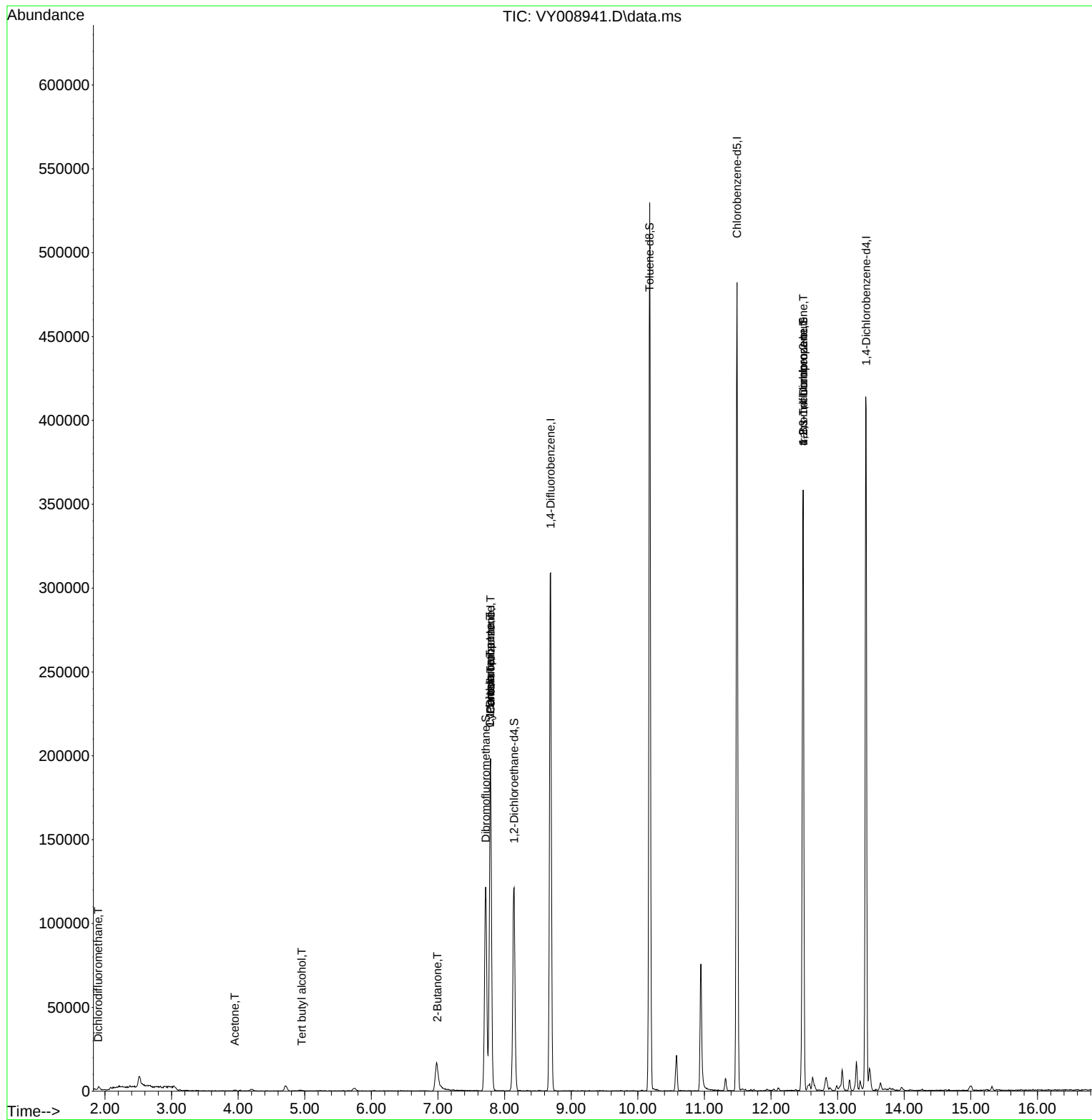
Internal Standards						
1) Pentafluorobenzene	7.789	168	149883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	91015	59.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.000%	
35) Dibromofluoromethane	7.716	113	82306	50.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.320%	
50) Toluene-d8	10.179	98	326070	53.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	12.483	95	95476	39.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.200%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	1382	1.008	ug/l	Qvalue 82
11) Tert butyl alcohol	4.954	59	768	4.908	ug/l #	77
16) Acetone	3.948	43	932	2.903	ug/l	100
20) Methylene Chloride	4.710	84	2234	Below Cal	#	77
25) 2-Butanone	6.990	43	922	1.608	ug/l #	54
31) Cyclohexane	7.783	56	3731	1.236	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	11948	4.278	ug/l #	51
38) Carbon Tetrachloride	7.789	117	14749	5.049	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	53941	49.241	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53941	101.068	ug/l #	7

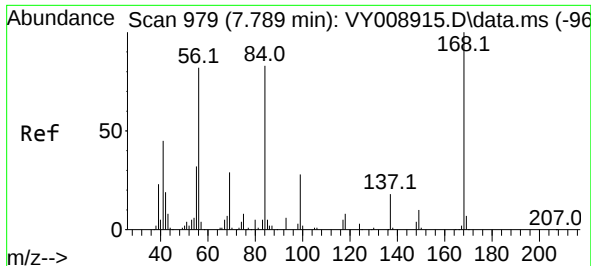
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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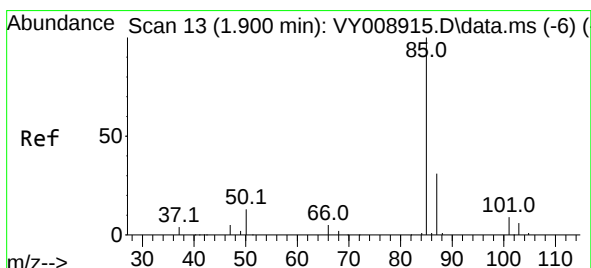
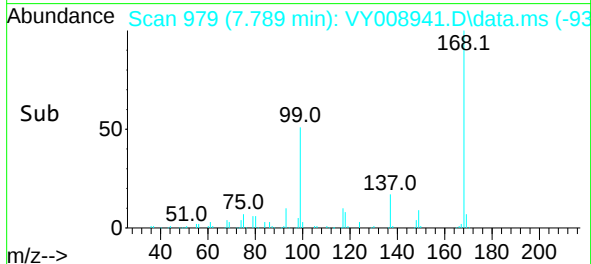
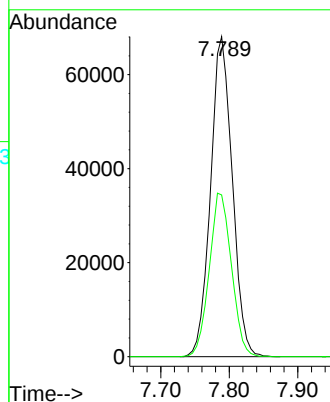
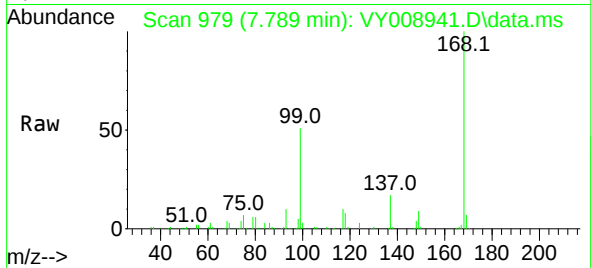




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

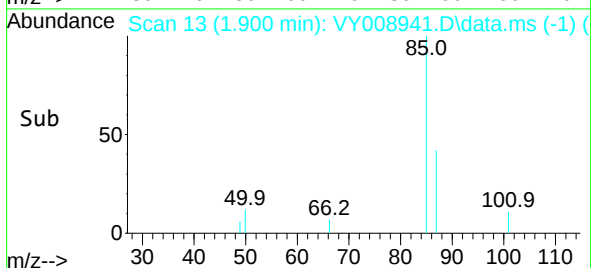
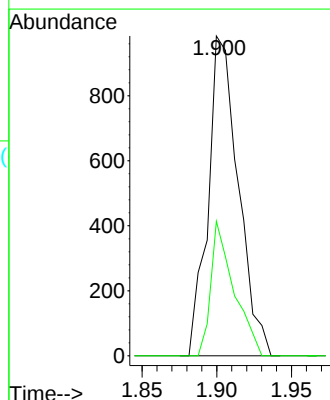
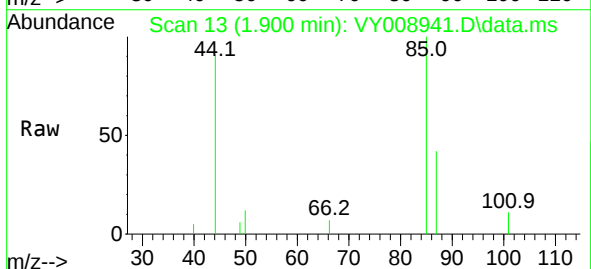
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

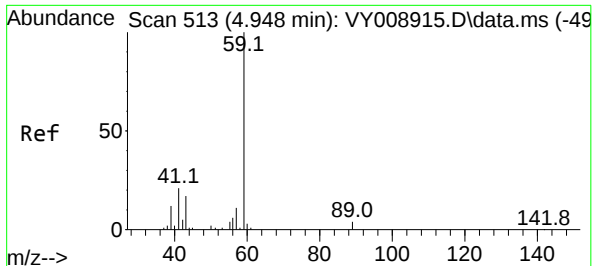
Tgt Ion:168 Resp: 149883
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.008 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion: 85 Resp: 1382
Ion Ratio Lower Upper
85 100
87 42.1 16.1 48.2

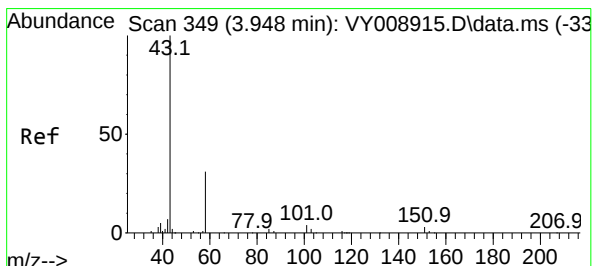
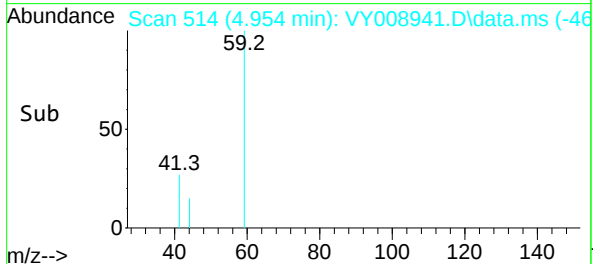
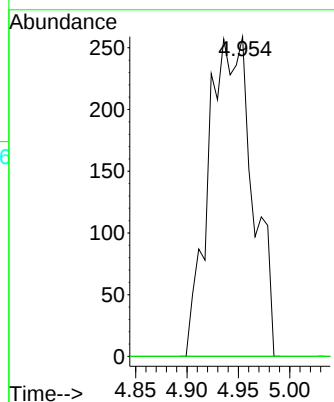
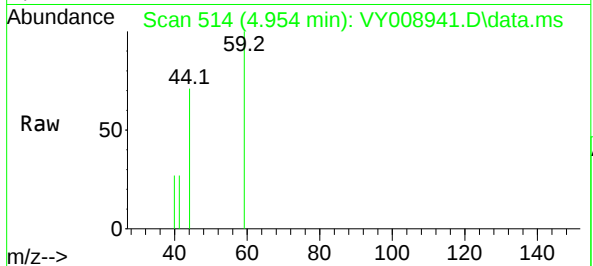




#11
Tert butyl alcohol
Concen: 4.908 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

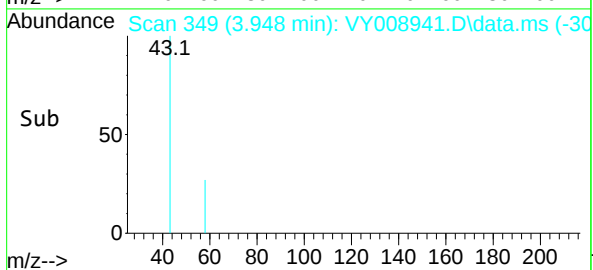
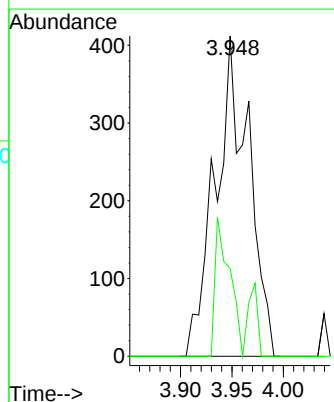
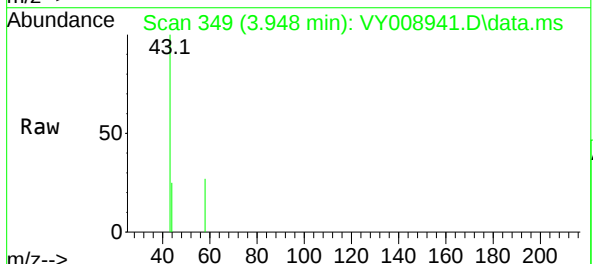
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

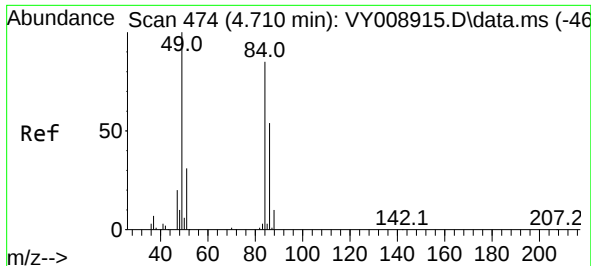
Tgt Ion: 59 Resp: 768
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.903 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 27.4 22.0 33.0

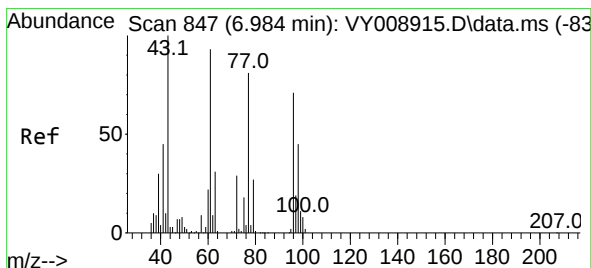
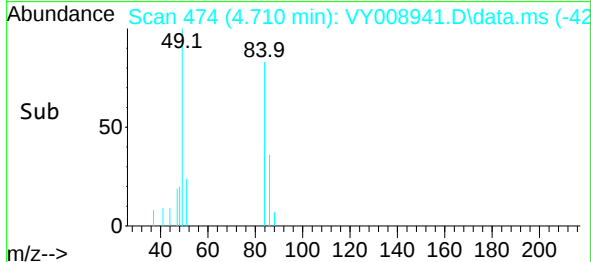
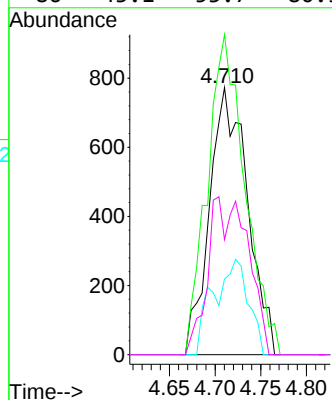
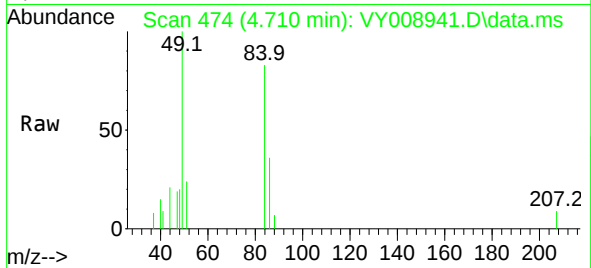




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

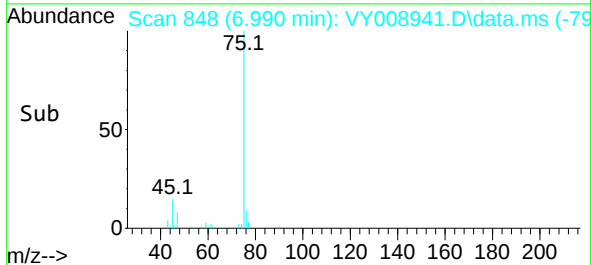
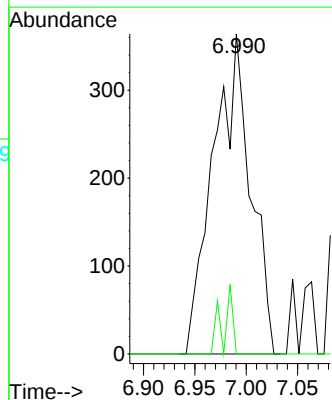
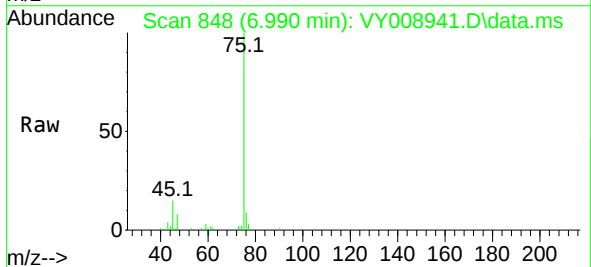
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

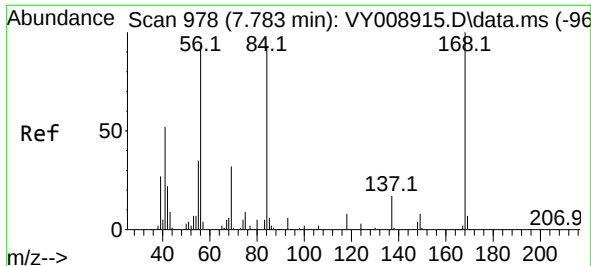
Tgt Ion:	84	Resp:	2234
Ion	Ratio	Lower	Upper
84	100		
49	119.8	114.4	171.6
51	28.3	35.3	52.9#
86	43.1	53.7	80.5#



#25
2-Butanone
Concen: 1.608 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion:	43	Resp:	922
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

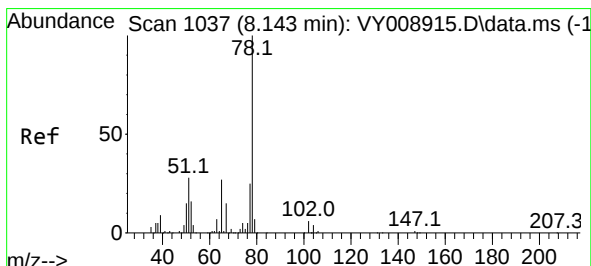
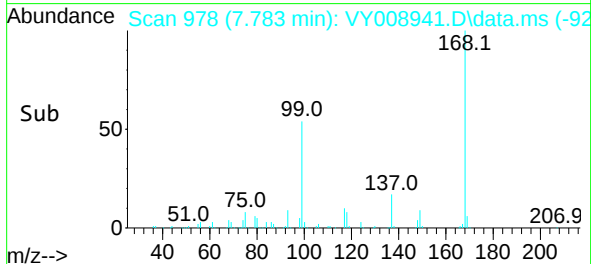
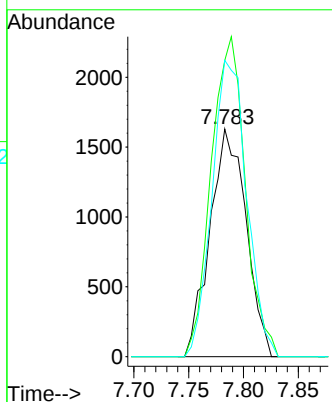
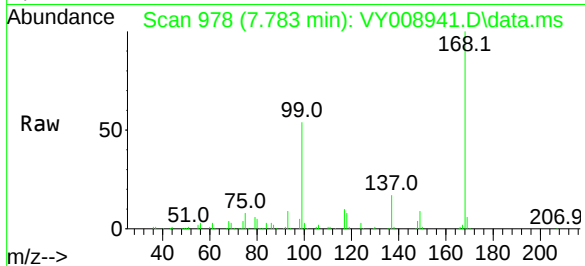




#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

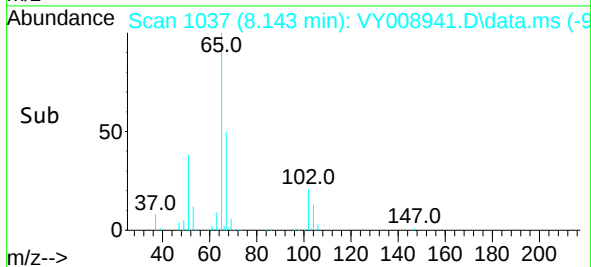
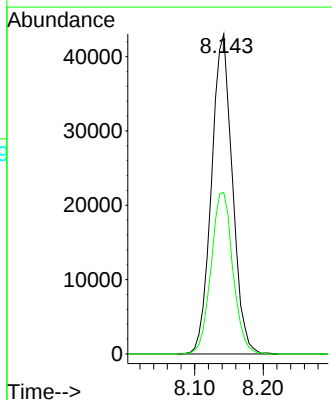
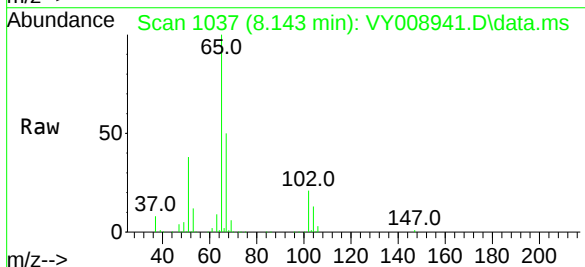
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

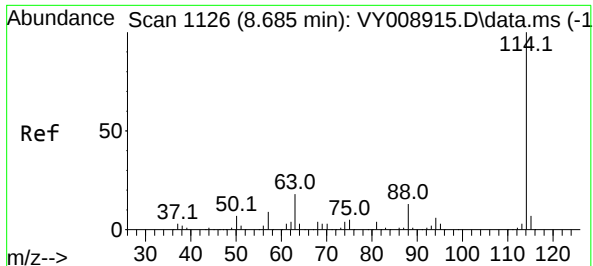
Tgt Ion: 56 Resp: 3731
Ion Ratio Lower Upper
56 100
69 130.1 26.7 40.1#
84 130.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.002 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion: 65 Resp: 91015
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008941.D

Acq: 21 May 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS002-0006-02

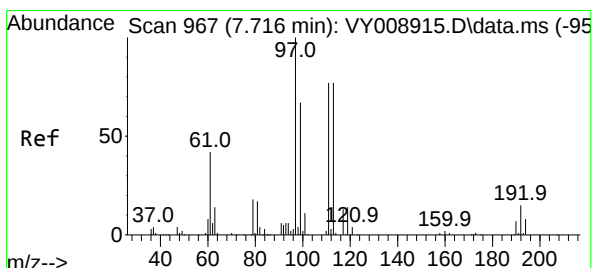
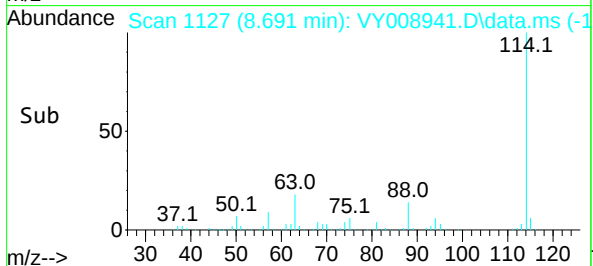
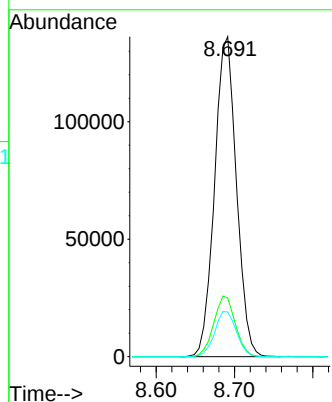
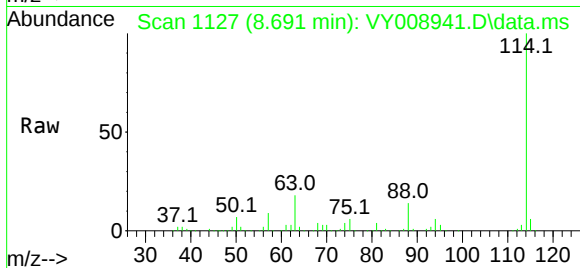
Tgt Ion:114 Resp: 263890

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.157 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008941.D

Acq: 21 May 2022 11:56

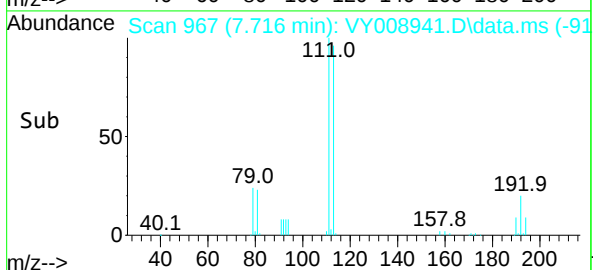
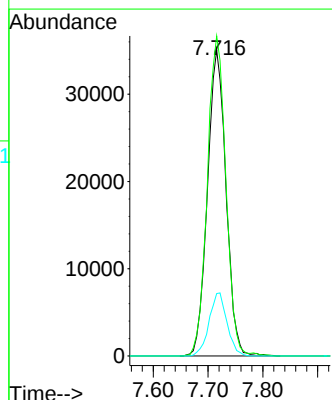
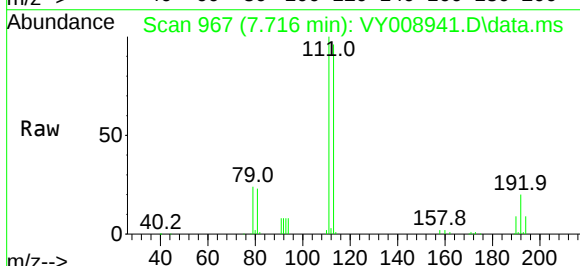
Tgt Ion:113 Resp: 82306

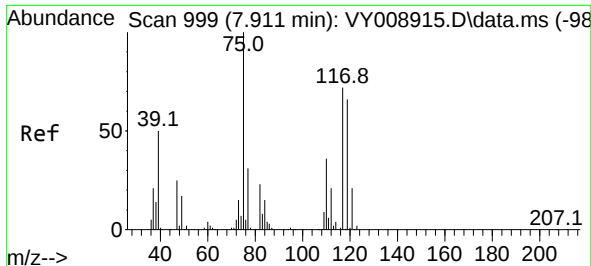
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 19.9 17.6 26.4

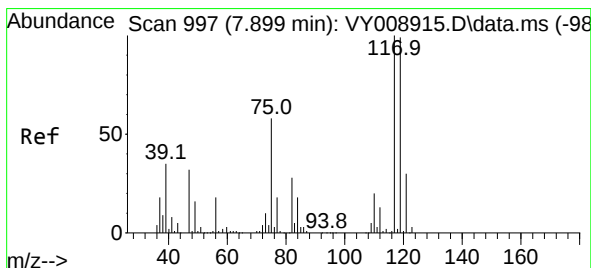
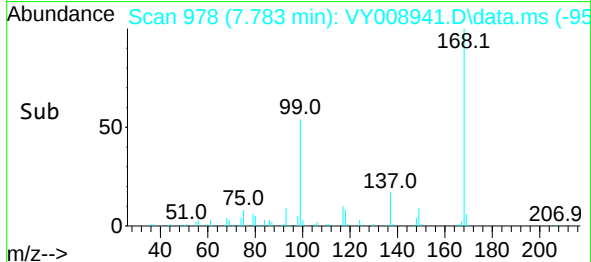
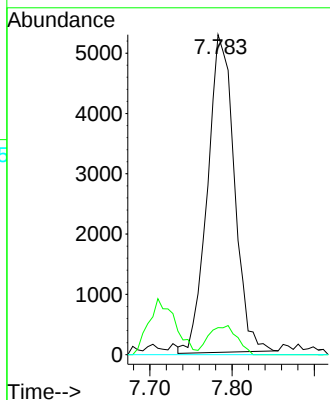
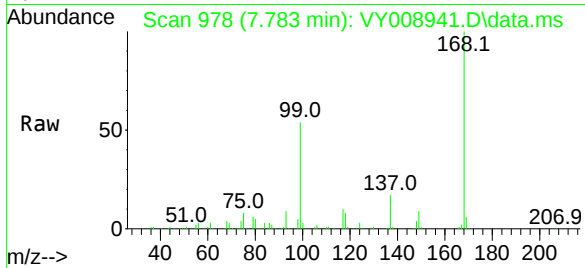




#36
1,1-Dichloropropene
Concen: 4.278 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

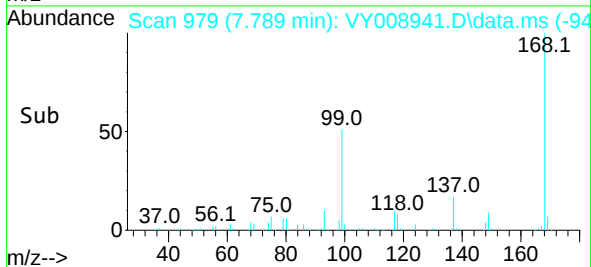
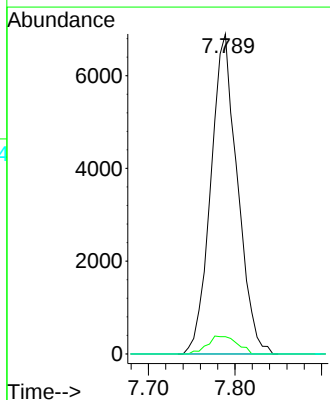
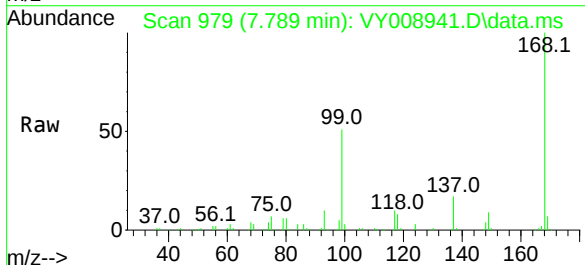
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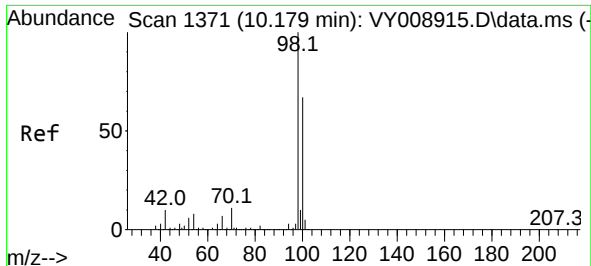
Tgt Ion: 75 Resp: 11948
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.049 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion: 117 Resp: 14749
Ion Ratio Lower Upper
117 100
119 5.4 77.9 116.9#
121 0.0 24.8 37.2#

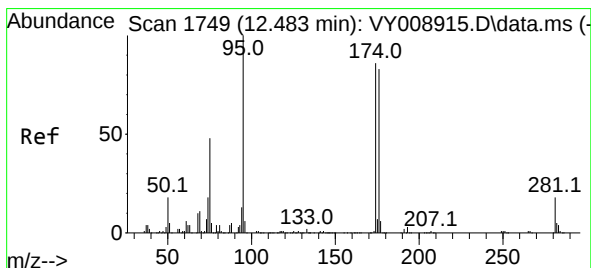
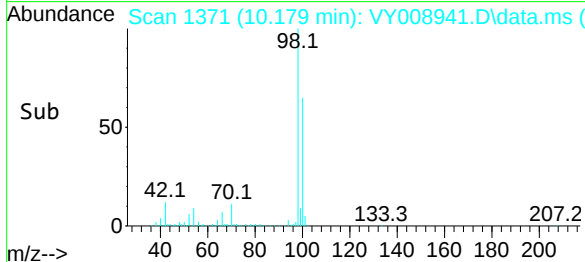
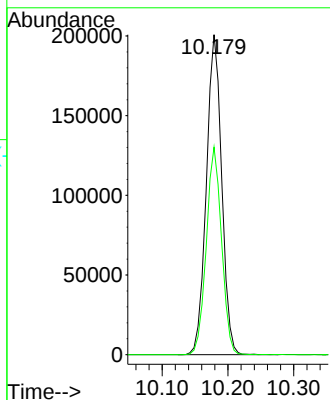
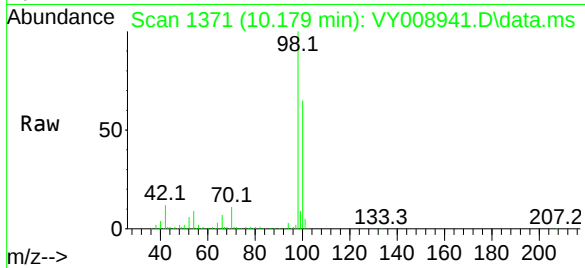




#50
Toluene-d8
Concen: 53.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

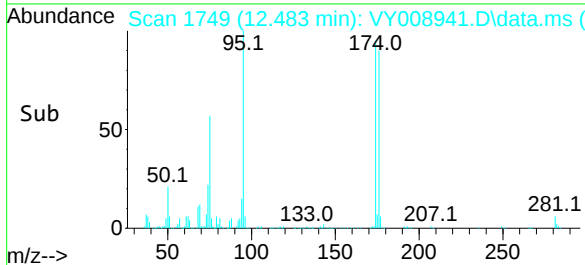
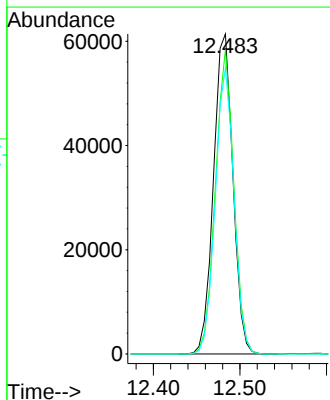
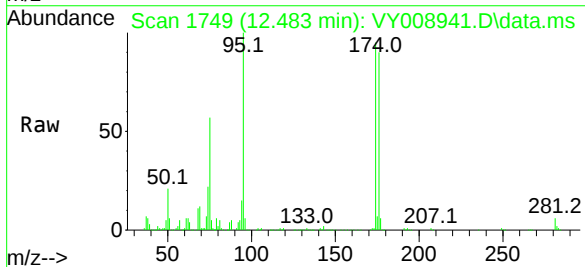
Instrument :
MSVOA_Y
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P015-SS002-0006-02

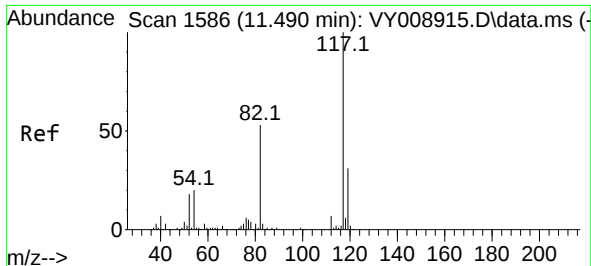
Tgt Ion: 98 Resp: 326070
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.097 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion: 95 Resp: 95476
Ion Ratio Lower Upper
95 100
174 91.0 0.0 177.0
176 86.1 0.0 175.8

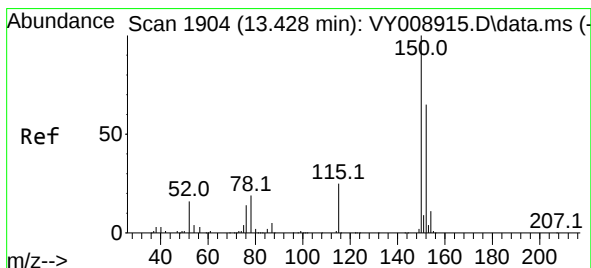
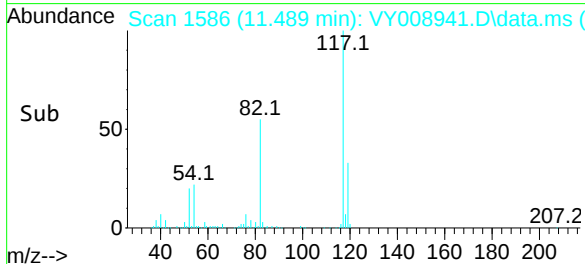
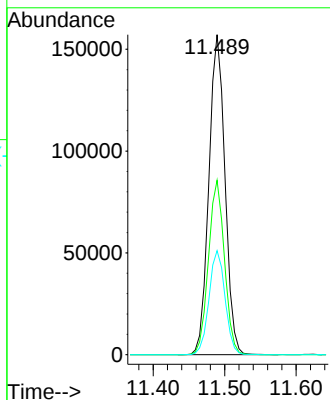
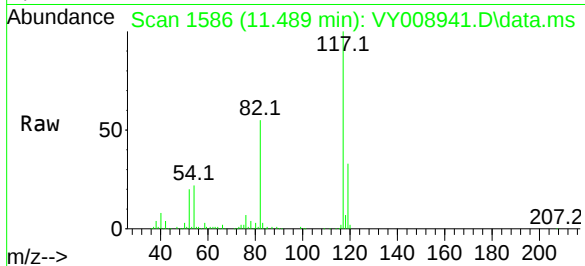




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

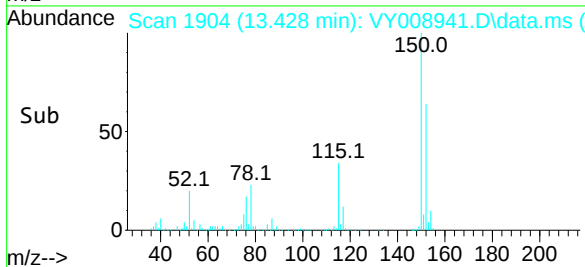
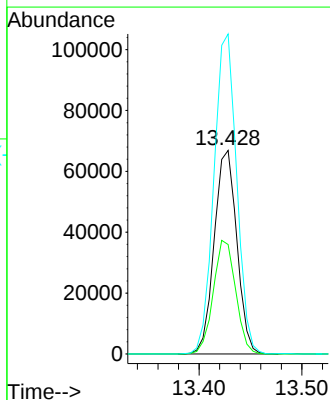
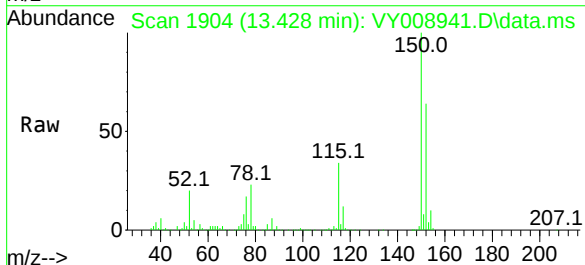
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

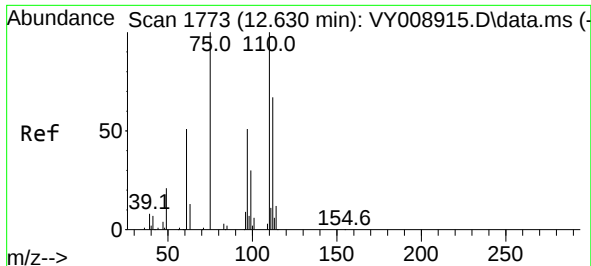
Tgt Ion:117 Resp: 245708
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion:152 Resp: 102008
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 158.0 0.0 347.6

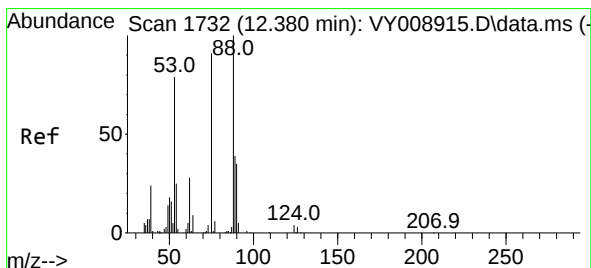
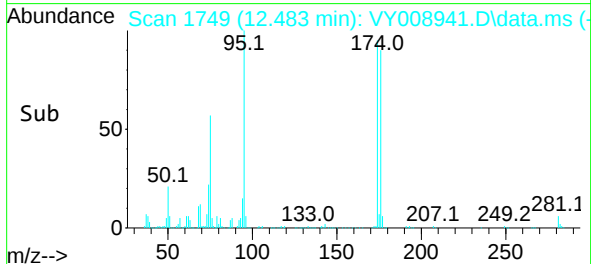
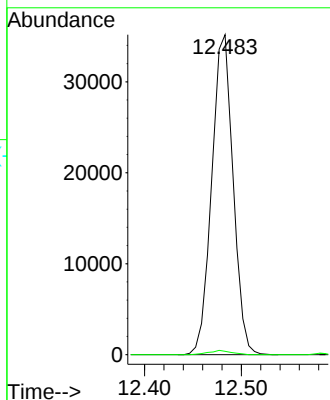
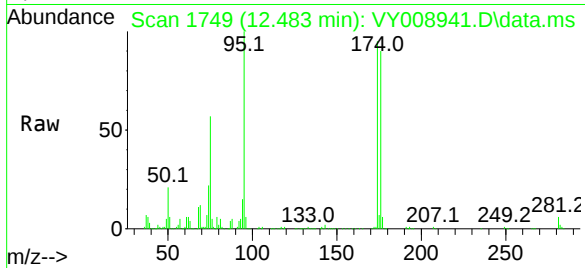




#76
1,2,3-Trichloropropane
Concen: 49.241 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0006-02

Tgt Ion: 75 Resp: 53941
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008941.D
Acq: 21 May 2022 11:56

Tgt Ion: 75 Resp: 53941
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

