

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009944.D
 Acq On : 10 Aug 2022 02:29
 Operator : KP/MD
 Sample : N4017-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB06

Quant Time: Aug 10 08:13:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

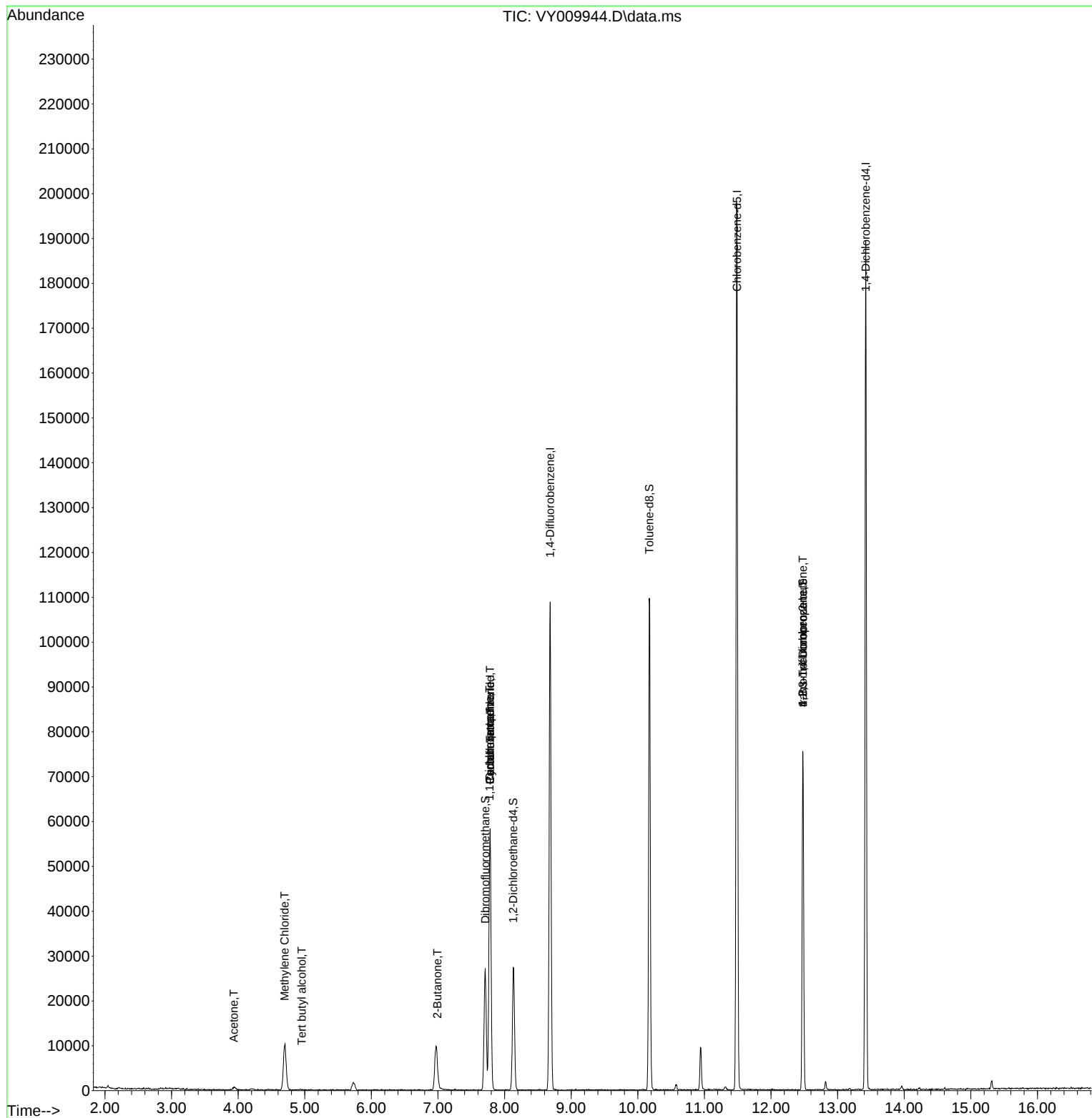
Internal Standards						
1) Pentafluorobenzene	7.783	168	44256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	91662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	19782	58.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.040%	
35) Dibromofluoromethane	7.709	113	19353	38.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 77.780%	
50) Toluene-d8	10.172	98	69923	45.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.660%	
62) 4-Bromofluorobenzene	12.477	95	22486	32.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 64.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	259	5.162	ug/l #	78
16) Acetone	3.936	43	1159	9.284	ug/l	97
18) Methyl Acetate	4.466	43	230	Below Cal	#	52
20) Methylene Chloride	4.698	84	7269	4.227	ug/l	97
25) 2-Butanone	6.990	43	530	2.578	ug/l #	48
31) Cyclohexane	7.783	56	1062	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.776	75	3802	4.528	ug/l #	46
38) Carbon Tetrachloride	7.783	117	4339	5.207	ug/l #	19
76) 1,2,3-Trichloropropane	12.477	75	11669	23.019	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	11669	46.539	ug/l #	13

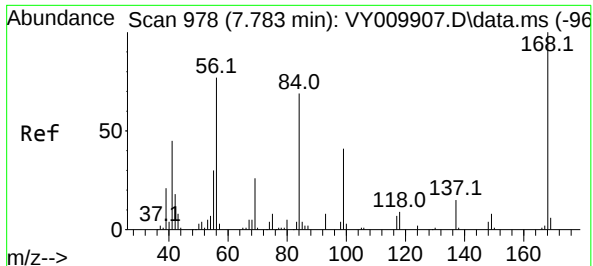
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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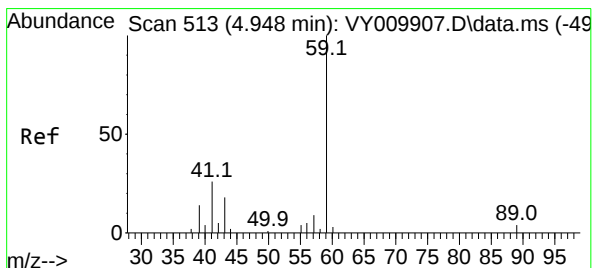
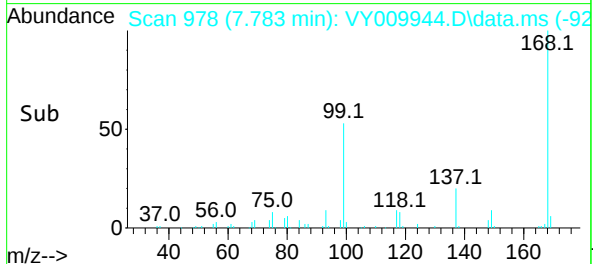
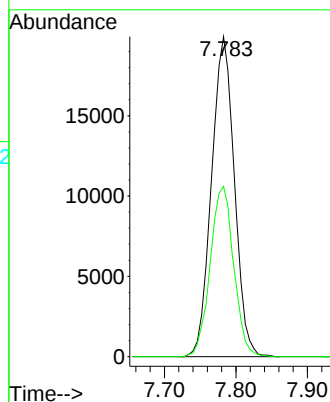
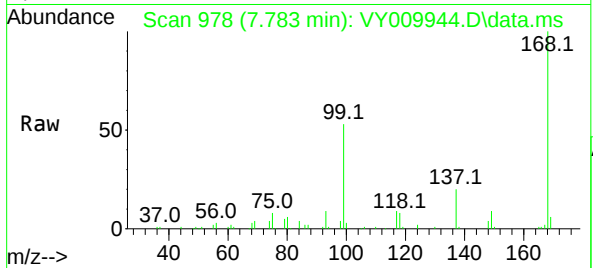




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

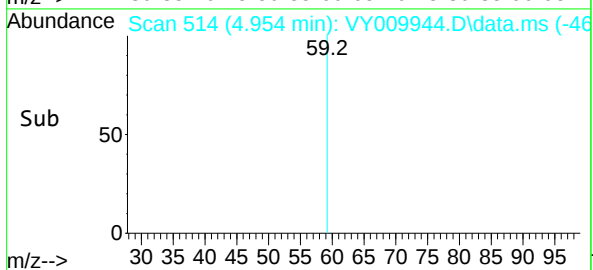
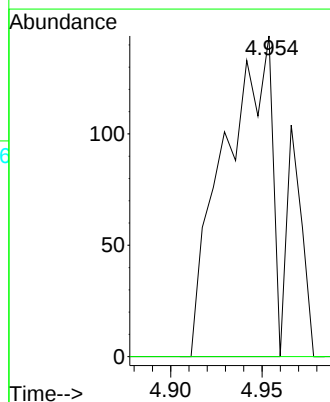
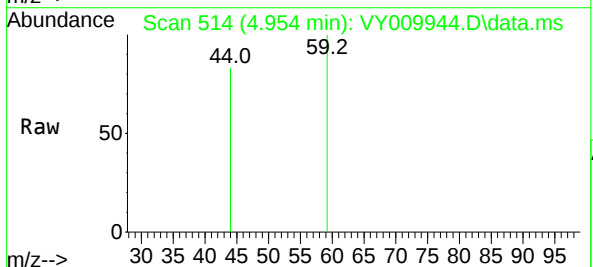
Instrument :
MSVOA_Y
ClientSampleId :
SB06

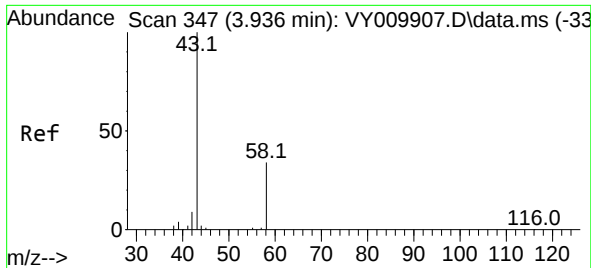
Tgt Ion:168 Resp: 44256
Ion Ratio Lower Upper
168 100
99 53.2 42.1 63.1



#11
Tert butyl alcohol
Concen: 5.162 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 9.284 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY009944.D

Acq: 10 Aug 2022 02:29

Instrument :

MSVOA_Y

ClientSampleId :

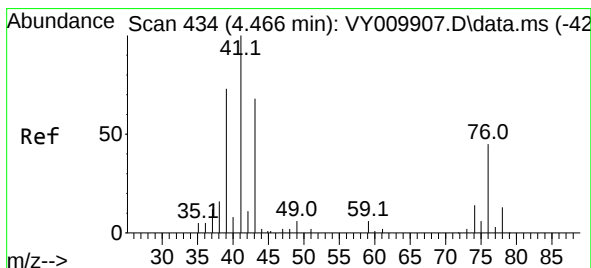
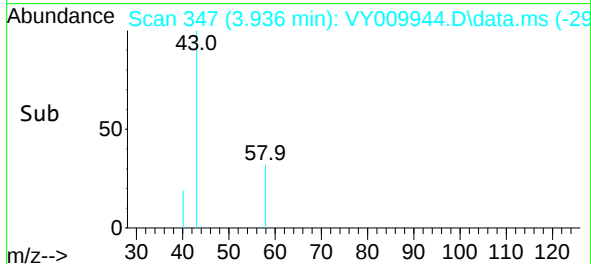
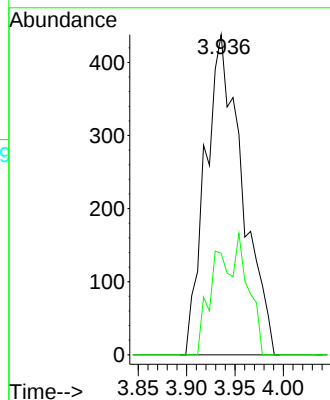
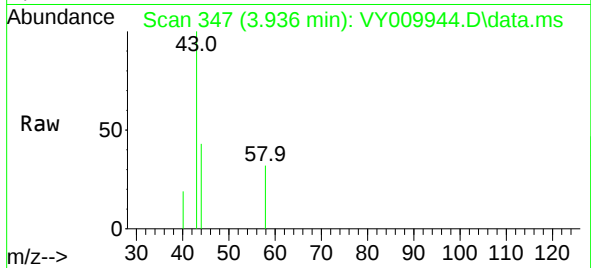
SB06

Tgt Ion: 43 Resp: 1159

Ion Ratio Lower Upper

43 100

58 31.7 24.0 36.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009944.D

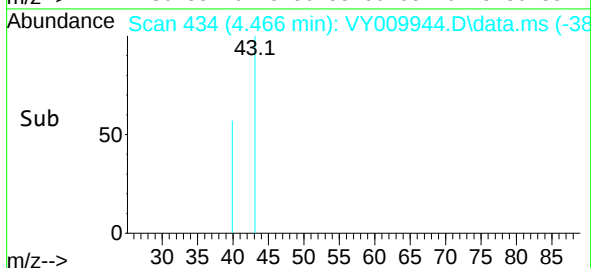
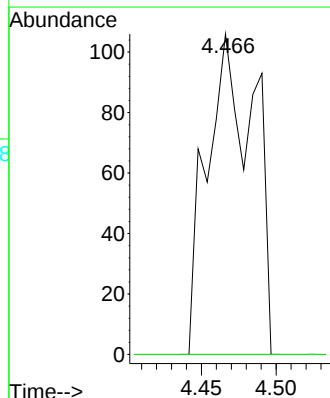
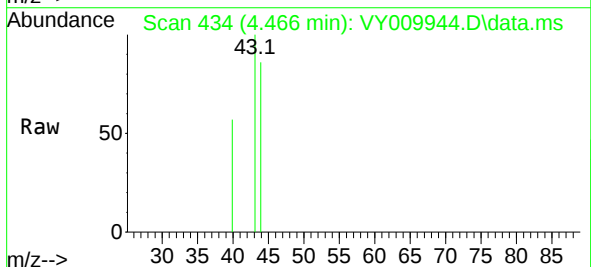
Acq: 10 Aug 2022 02:29

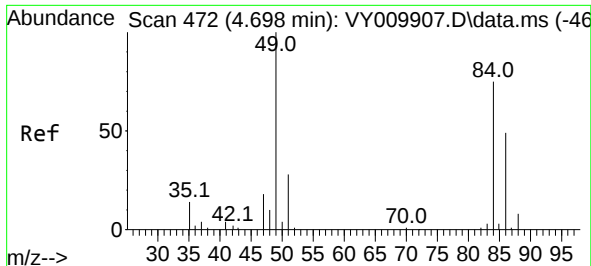
Tgt Ion: 43 Resp: 230

Ion Ratio Lower Upper

43 100

74 0.0 18.8 28.2#



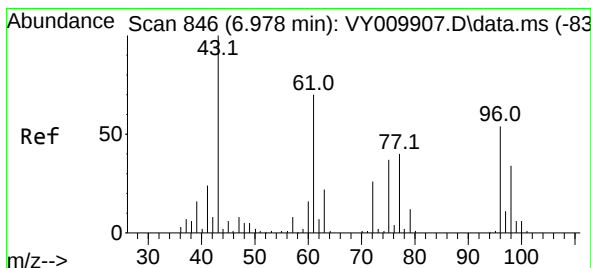
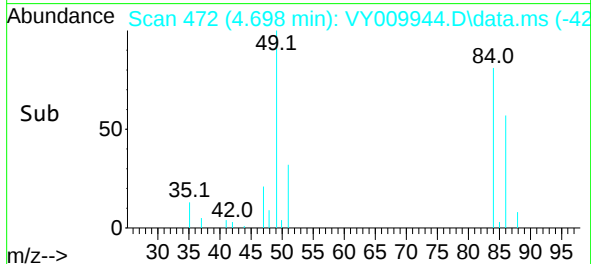
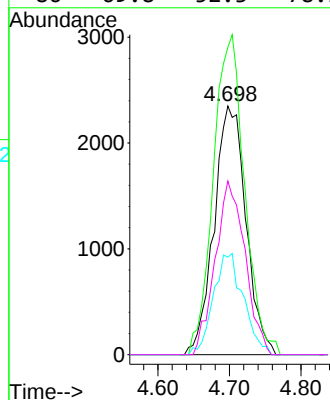
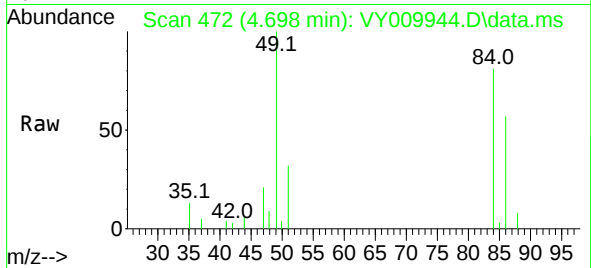


#20
Methylene Chloride
Concen: 4.227 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Instrument :
MSVOA_Y
ClientSampleId :
SB06

Tgt Ion: 84 Resp: 7269

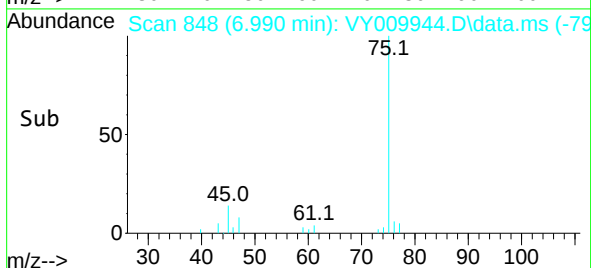
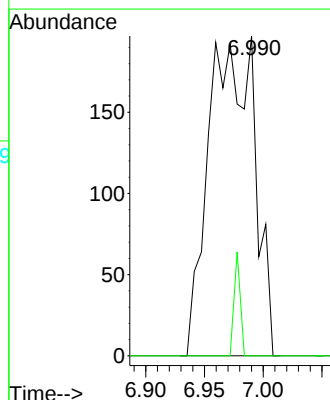
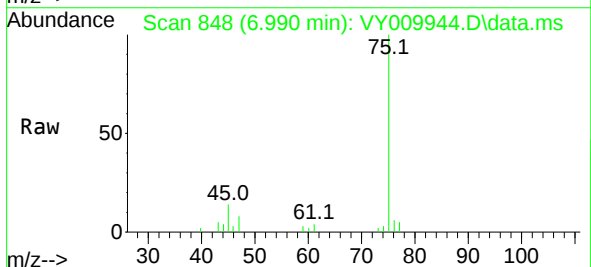
Ion	Ratio	Lower	Upper
84	100		
49	123.6	98.2	147.4
51	39.2	33.4	50.0
86	69.8	52.3	78.5

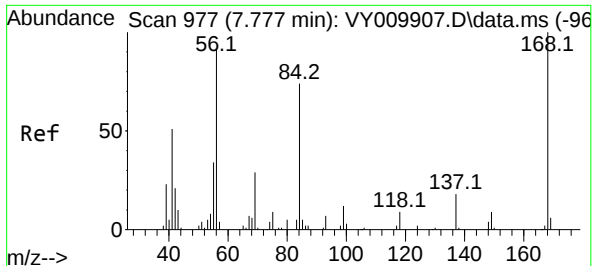


#25
2-Butanone
Concen: 2.578 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Tgt Ion: 43 Resp: 530

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#

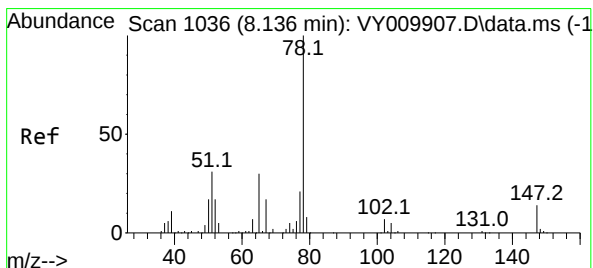
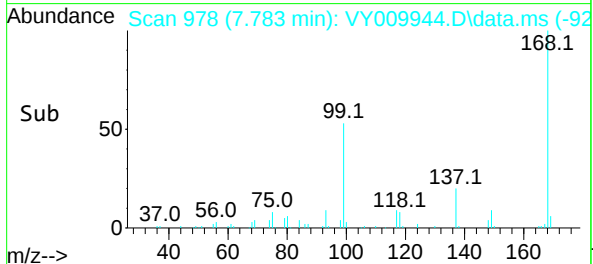
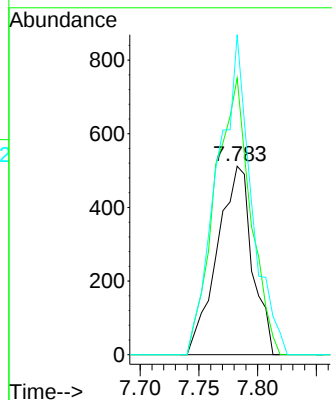
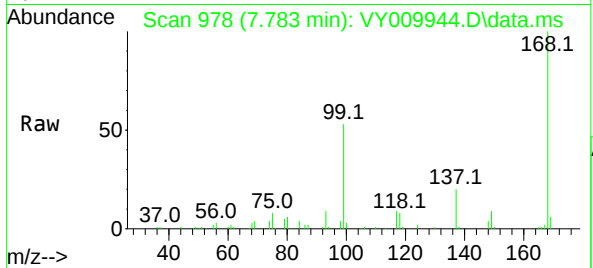




#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

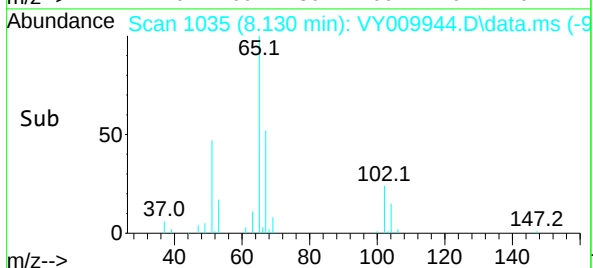
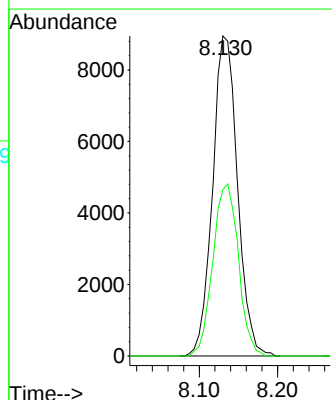
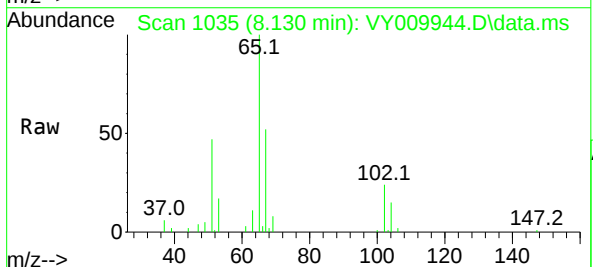
Instrument :
MSVOA_Y
ClientSampleId :
SB06

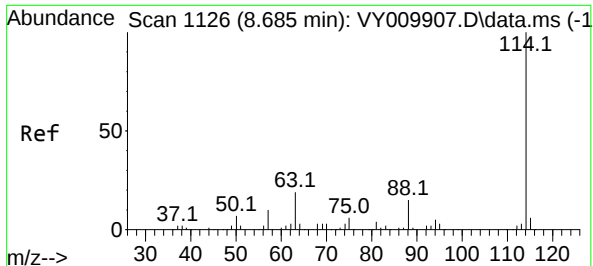
Tgt Ion: 56 Resp: 1062
Ion Ratio Lower Upper
56 100
69 146.7 26.0 39.0#
84 169.7 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 58.019 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Tgt Ion: 65 Resp: 19782
Ion Ratio Lower Upper
65 100
67 55.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009944.D

Acq: 10 Aug 2022 02:29

Instrument :

MSVOA_Y

ClientSampleId :

SB06

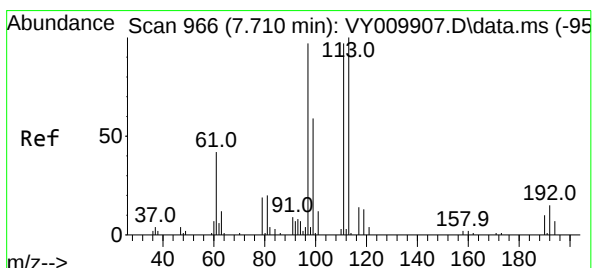
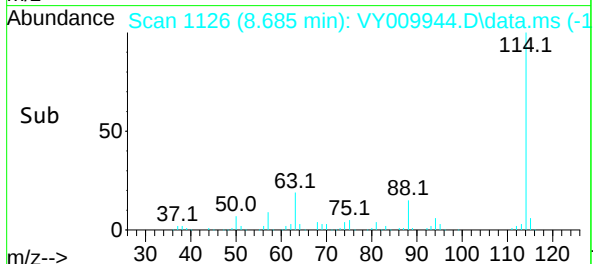
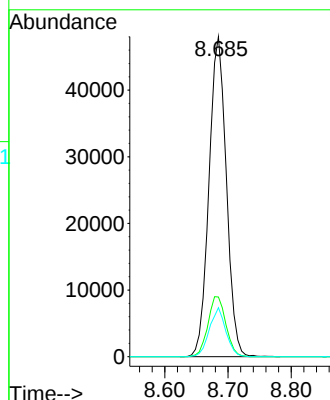
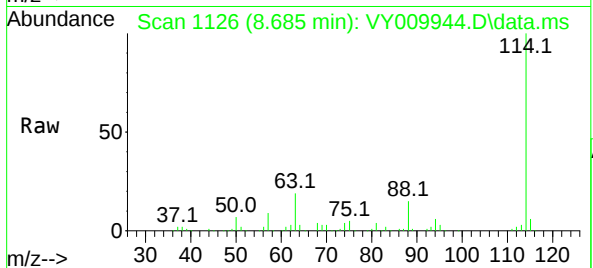
Tgt Ion:114 Resp: 91662

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

88 15.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 38.894 ug/l

RT: 7.709 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009944.D

Acq: 10 Aug 2022 02:29

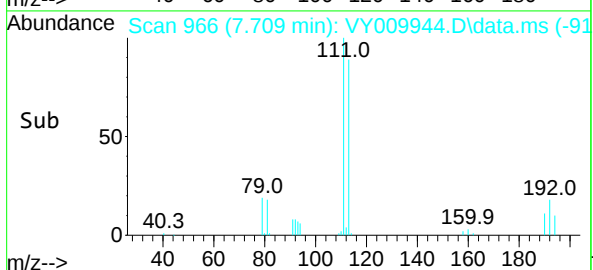
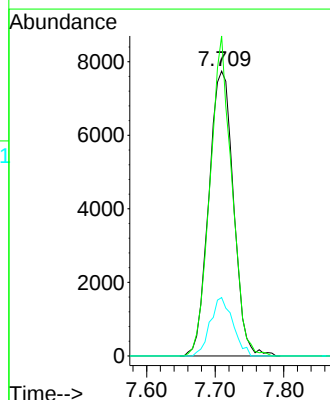
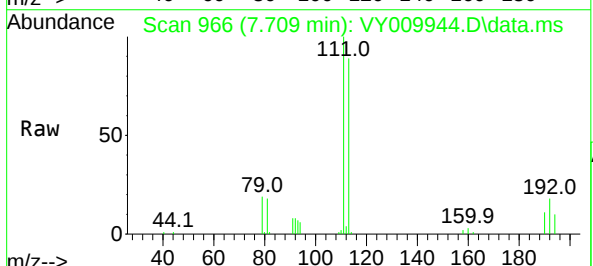
Tgt Ion:113 Resp: 19353

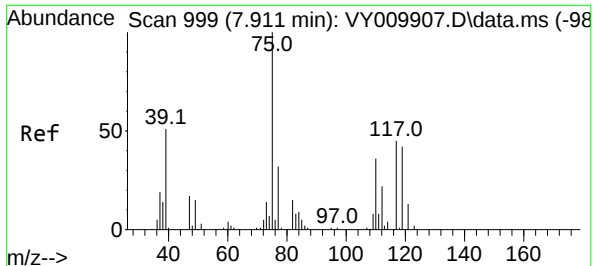
Ion Ratio Lower Upper

113 100

111 99.5 80.6 120.8

192 18.7 16.2 24.4

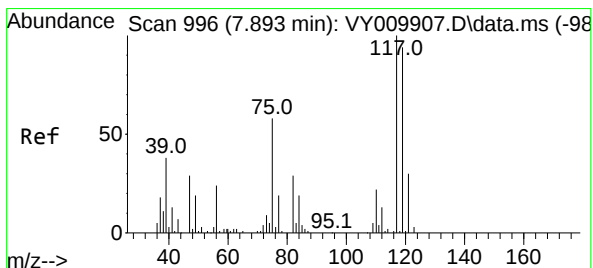
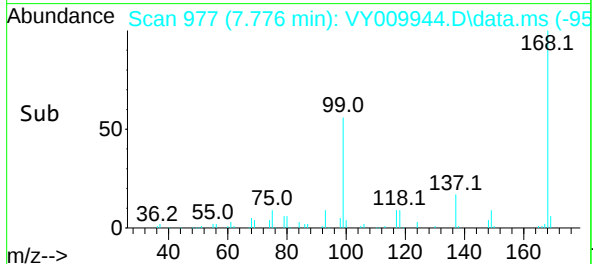
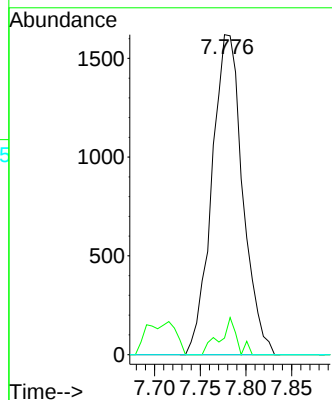
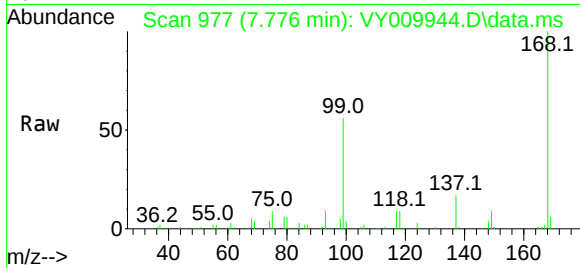




#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.135 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

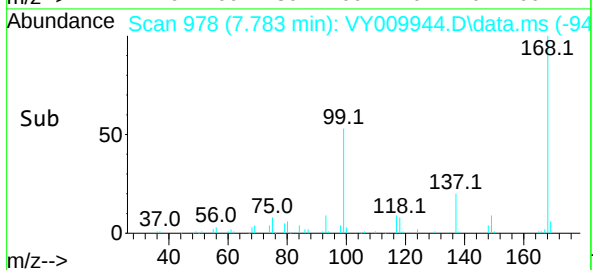
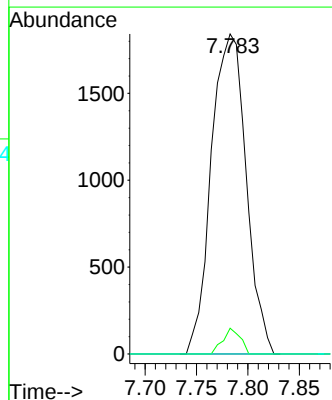
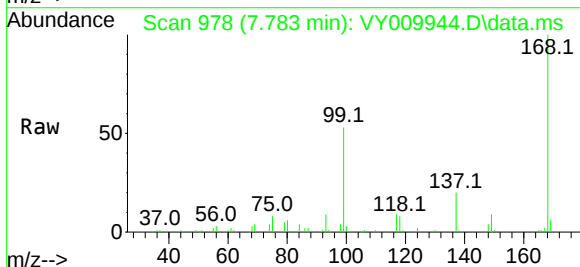
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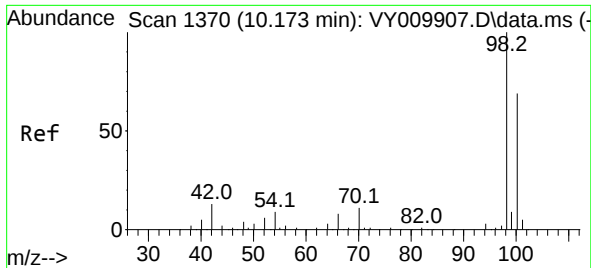
Tgt Ion: 75 Resp: 3802
Ion Ratio Lower Upper
75 100
110 6.3 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.207 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Tgt Ion: 117 Resp: 4339
Ion Ratio Lower Upper
117 100
119 8.1 75.9 113.9#
121 0.0 24.9 37.3#

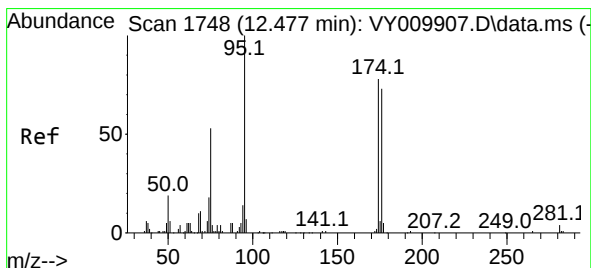
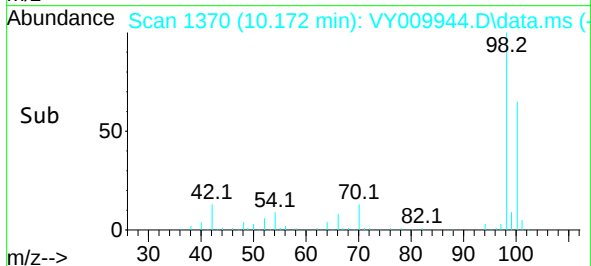
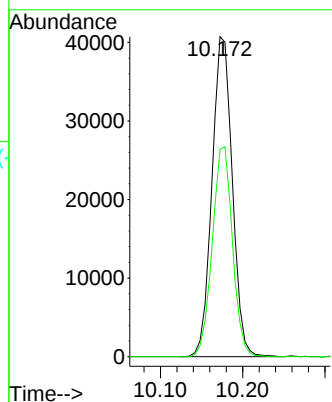
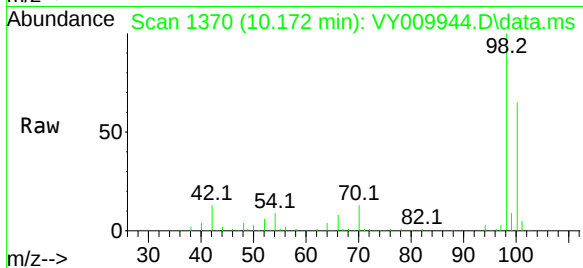




#50
Toluene-d8
Concen: 45.830 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

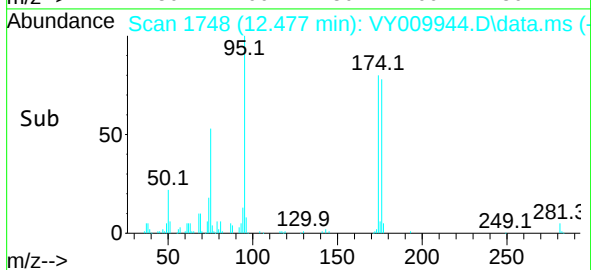
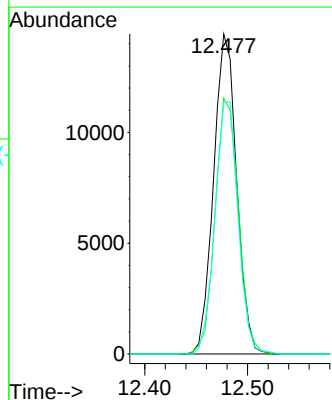
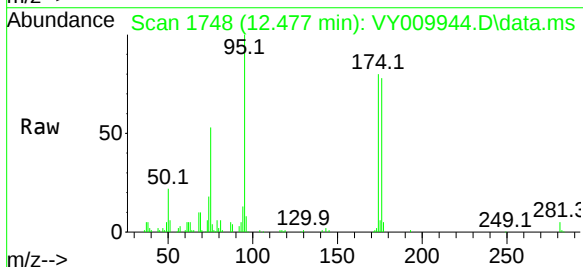
Instrument :
MSVOA_Y
ClientSampleId :
SB06

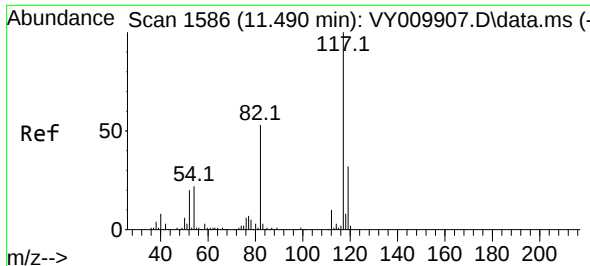
Tgt Ion: 98 Resp: 69923
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 32.365 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Tgt Ion: 95 Resp: 22486
Ion Ratio Lower Upper
95 100
174 81.0 0.0 173.8
176 79.1 0.0 167.0

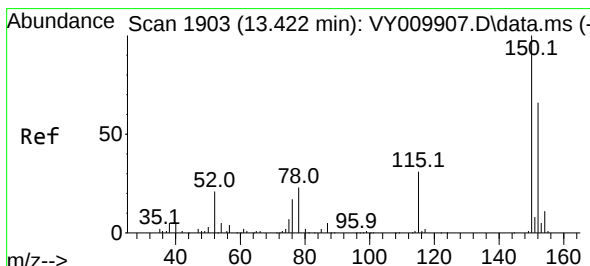
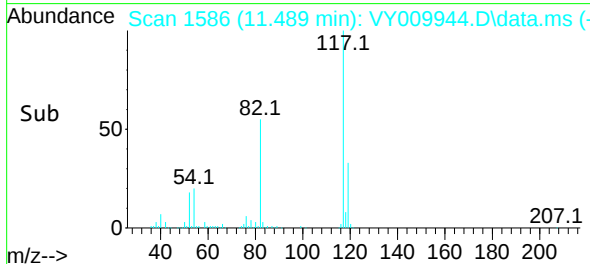
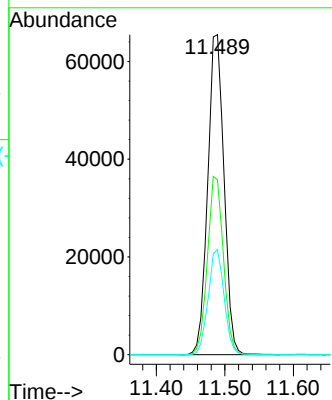
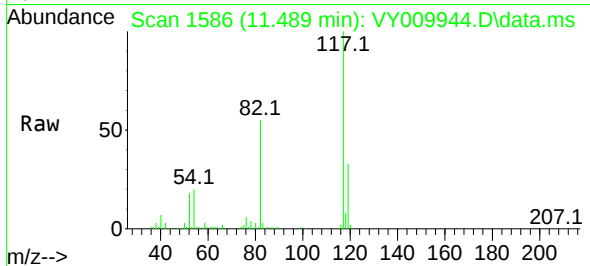




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

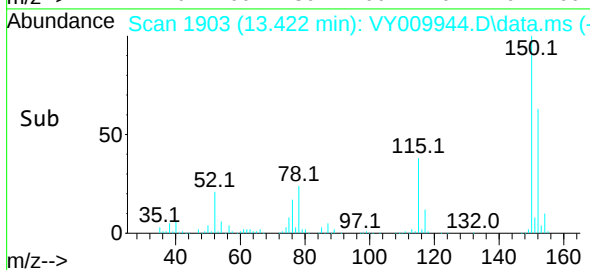
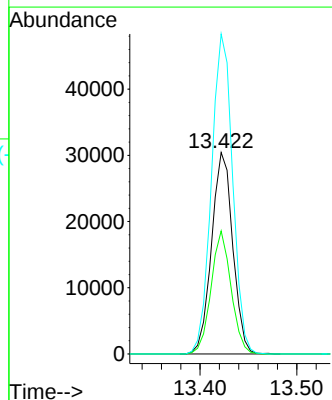
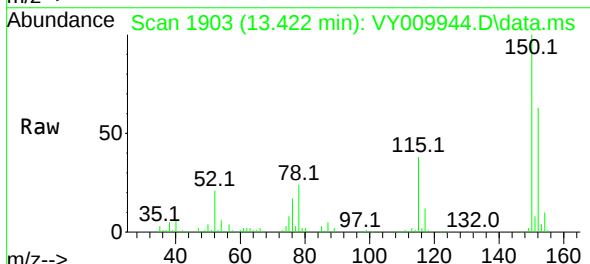
Instrument :
MSVOA_Y
ClientSampleId :
SB06

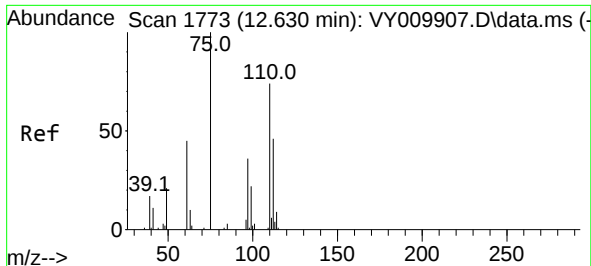
Tgt Ion:	117	Resp:	108272
Ion	Ratio	Lower	Upper
117	100		
82	54.7	41.8	62.6
119	32.9	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Tgt Ion:	152	Resp:	46333
Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.6	85.9
150	158.8	0.0	349.8

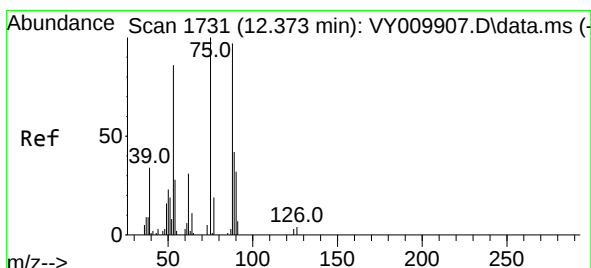
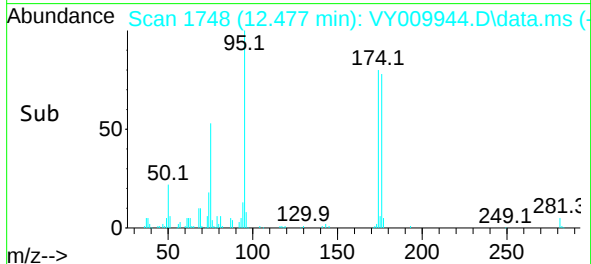
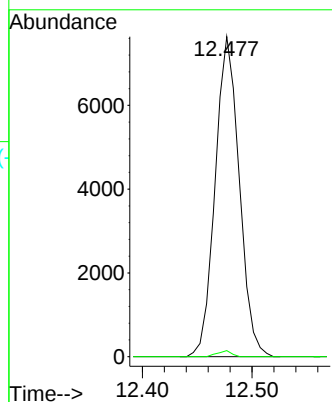
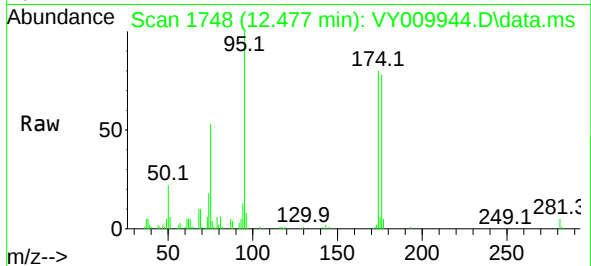




#76
1,2,3-Trichloropropane
Concen: 23.019 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Instrument :
MSVOA_Y
ClientSampleId :
SB06

Tgt Ion: 75 Resp: 11669
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.539 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009944.D
Acq: 10 Aug 2022 02:29

Tgt Ion: 75 Resp: 11669
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

