

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009947.D
 Acq On : 10 Aug 2022 03:40
 Operator : KP/MD
 Sample : N4017-10
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB04

Quant Time: Aug 10 08:14:09 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)

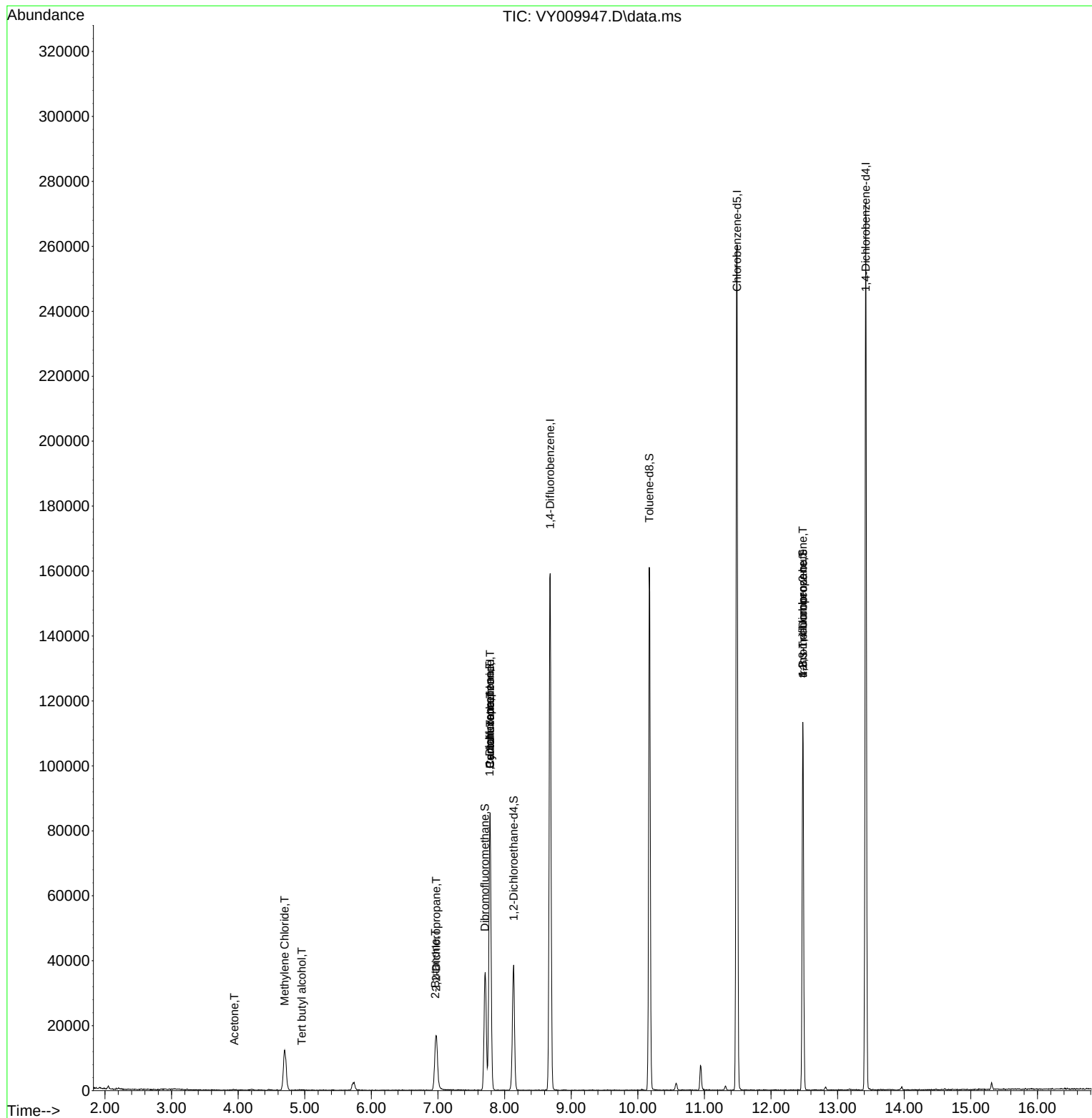
Internal Standards						
1) Pentafluorobenzene	7.783	168	64629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	142774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	27199	54.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.500%	
35) Dibromofluoromethane	7.704	113	25945	35.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.400%	
50) Toluene-d8	10.173	98	102300	45.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.340%	
62) 4-Bromofluorobenzene	12.477	95	33904	32.941	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 65.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	189	2.579	ug/l #	78
16) Acetone	3.942	43	387	2.123	ug/l #	45
18) Methyl Acetate	4.466	43	249	Below Cal	#	52
20) Methylene Chloride	4.698	84	9504	2.676	ug/l	96
25) 2-Butanone	6.960	43	572	1.905	ug/l #	48
26) 2,2-Dichloropropane	6.972	77	1314	1.164	ug/l #	52
31) Cyclohexane	7.783	56	1583	1.262	ug/l #	35
36) 1,1-Dichloropropene	7.777	75	5560	4.470	ug/l #	48
38) Carbon Tetrachloride	7.783	117	6325	5.124	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	17301	24.367	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	17301	49.263	ug/l #	13

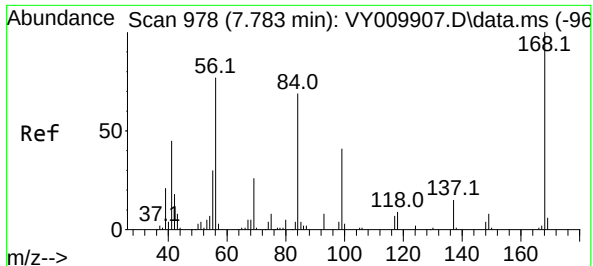
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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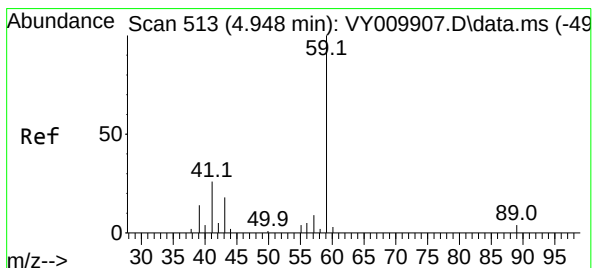
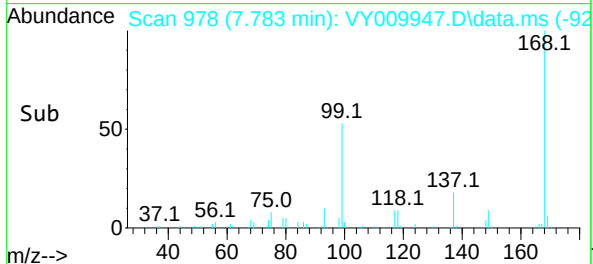
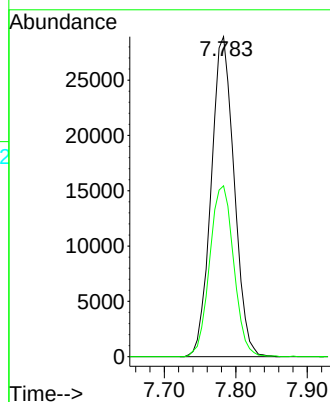
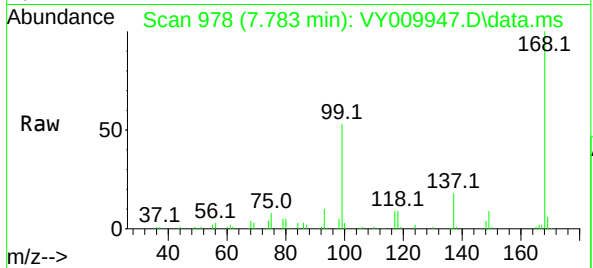




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

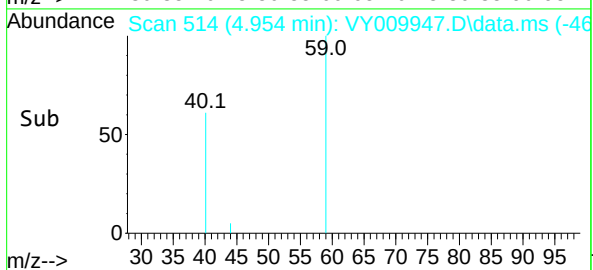
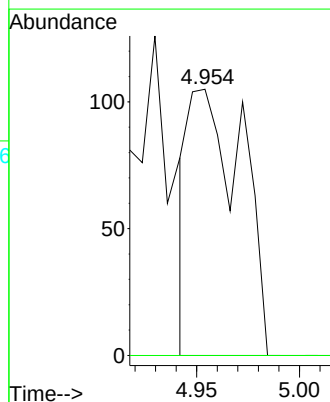
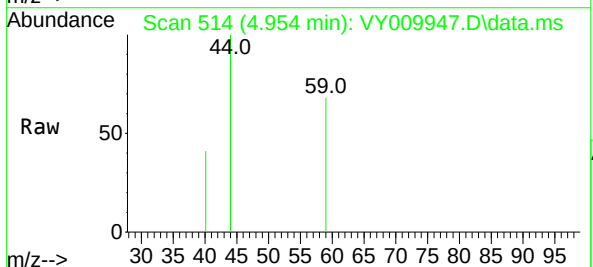
Instrument :
MSVOA_Y
ClientSampleId :
SB04

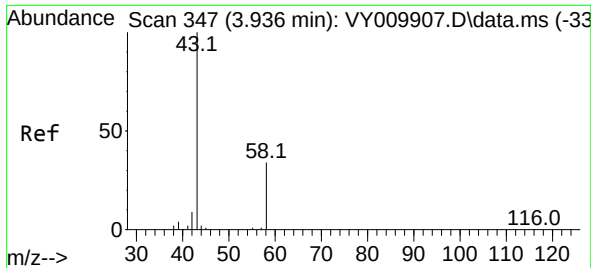
Tgt Ion:168 Resp: 64629
Ion Ratio Lower Upper
168 100
99 53.4 42.1 63.1



#11
Tert butyl alcohol
Concen: 2.579 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#





#16

Acetone

Concen: 2.123 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY009947.D

Acq: 10 Aug 2022 03:40

Instrument :

MSVOA_Y

ClientSampleId :

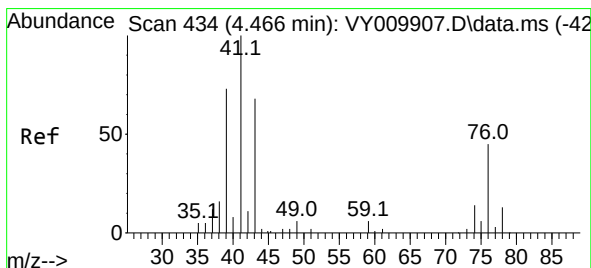
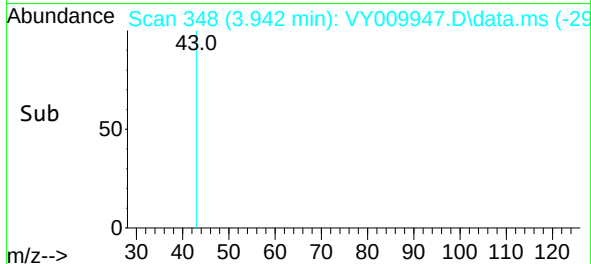
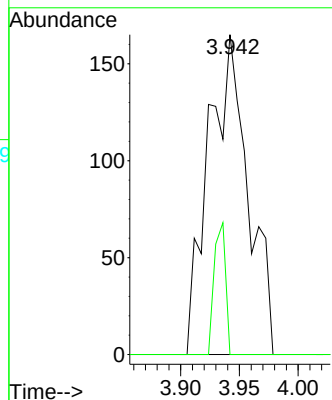
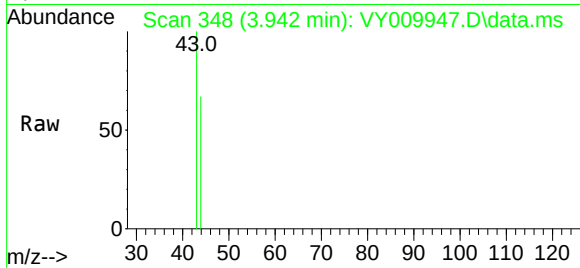
SB04

Tgt Ion: 43 Resp: 387

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY009947.D

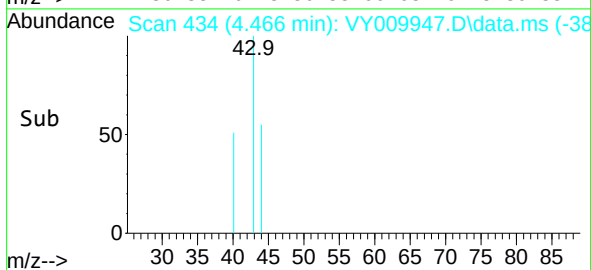
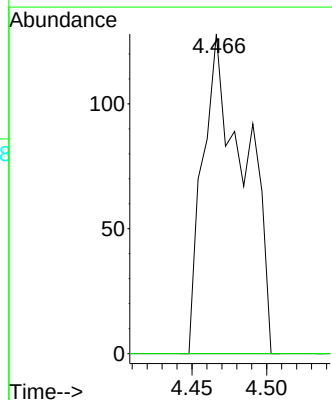
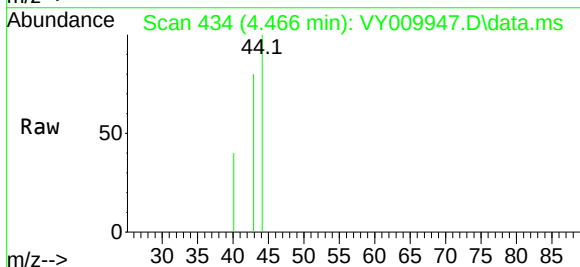
Acq: 10 Aug 2022 03:40

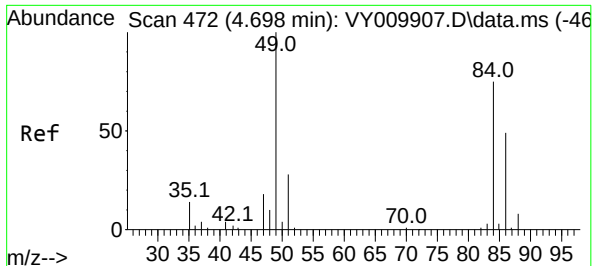
Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

74 0.0 18.8 28.2#

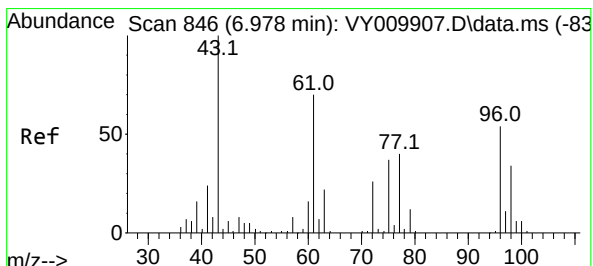
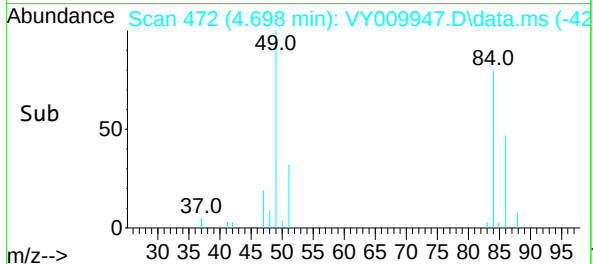
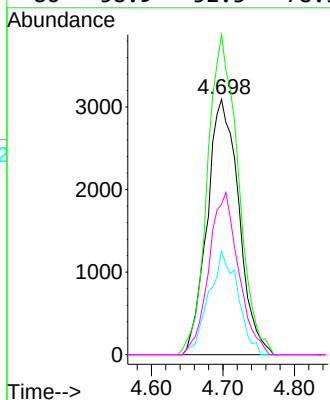
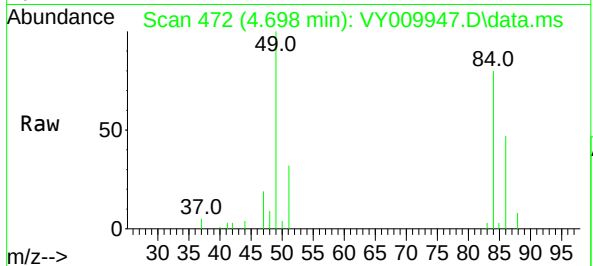




#20
Methylene Chloride
Concen: 2.676 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

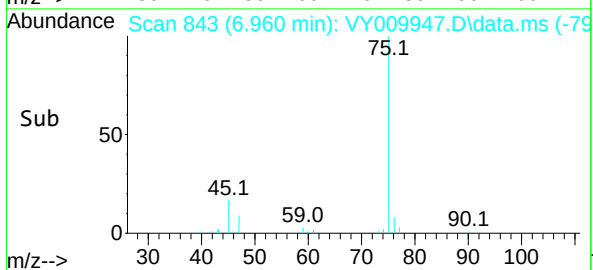
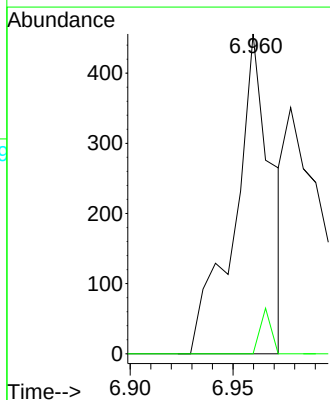
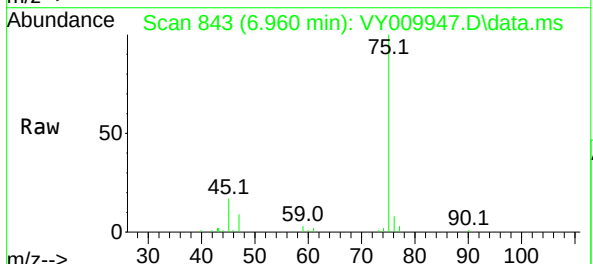
Instrument :
MSVOA_Y
ClientSampleId :
SB04

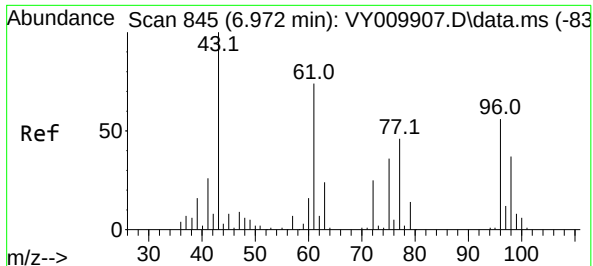
Tgt Ion: 84	Resp:	9504	
Ion	Ratio	Lower	Upper
84	100		
49	125.3	98.2	147.4
51	40.6	33.4	50.0
86	58.9	52.3	78.5



#25
2-Butanone
Concen: 1.905 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

Tgt Ion: 43	Resp:	572	
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#





#26

2,2-Dichloropropane

Concen: 1.164 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009947.D

Acq: 10 Aug 2022 03:40

Instrument :

MSVOA_Y

ClientSampleId :

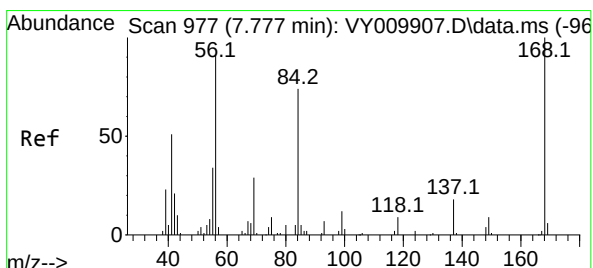
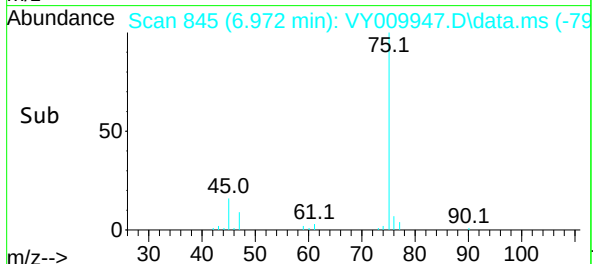
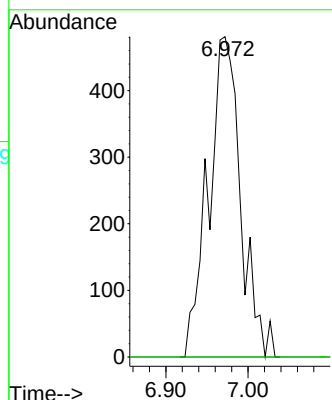
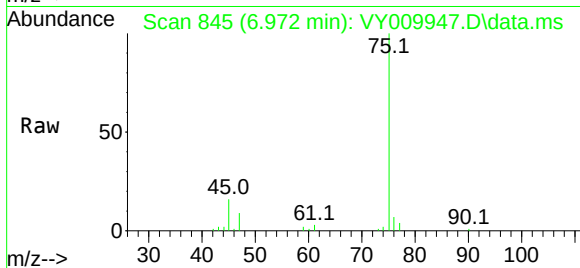
SB04

Tgt Ion: 77 Resp: 1314

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.262 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.007 min

Lab File: VY009947.D

Acq: 10 Aug 2022 03:40

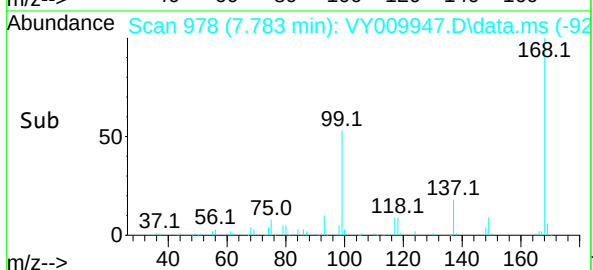
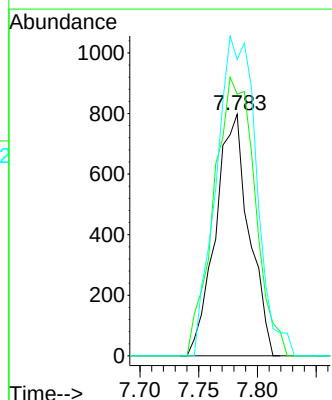
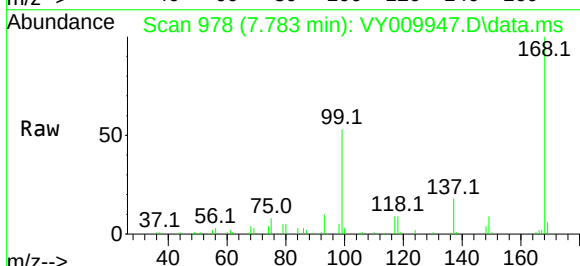
Tgt Ion: 56 Resp: 1583

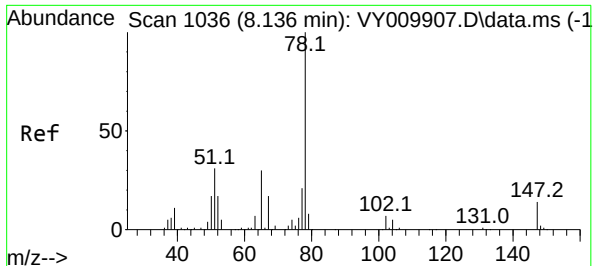
Ion Ratio Lower Upper

56 100

69 108.4 26.0 39.0#

84 122.8 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 54.246 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY009947.D

Acq: 10 Aug 2022 03:40

Instrument :

MSVOA_Y

ClientSampleId :

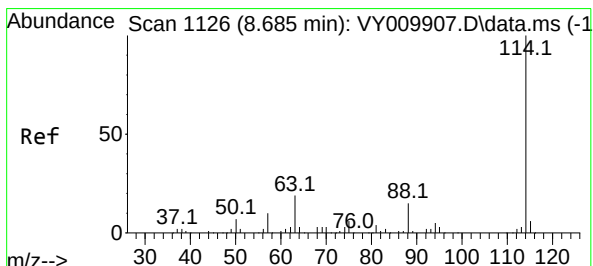
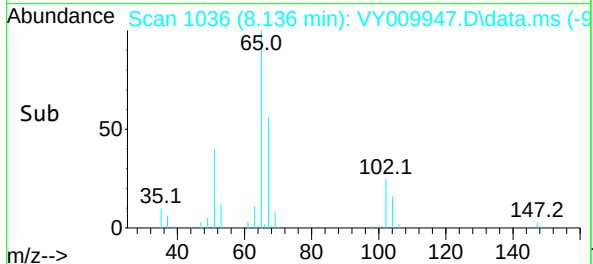
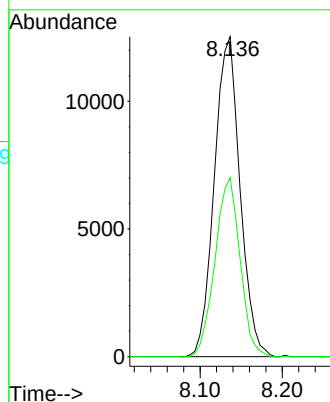
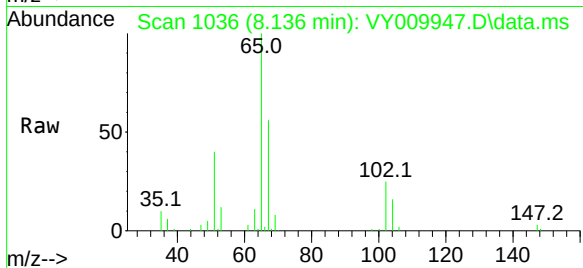
SB04

Tgt Ion: 65 Resp: 27199

Ion Ratio Lower Upper

65 100

67 54.4 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: VY009947.D

Acq: 10 Aug 2022 03:40

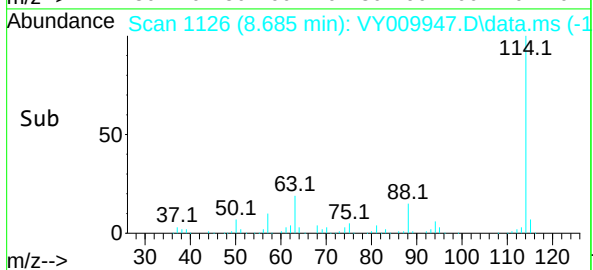
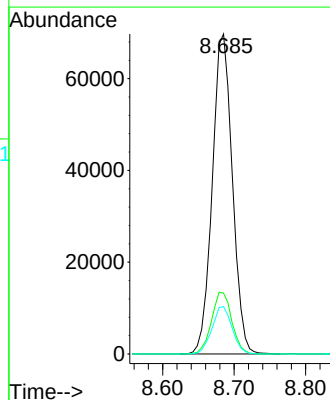
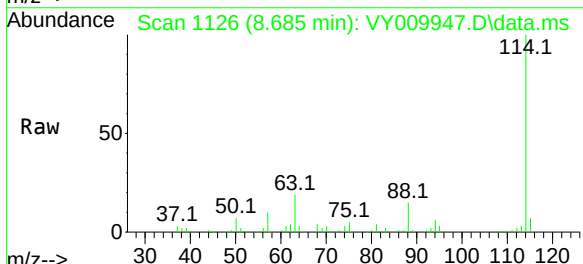
Tgt Ion: 114 Resp: 135789

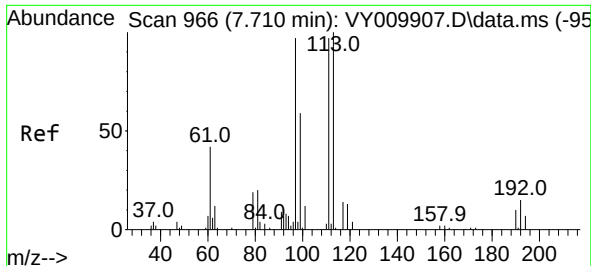
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

88 14.8 0.0 30.0

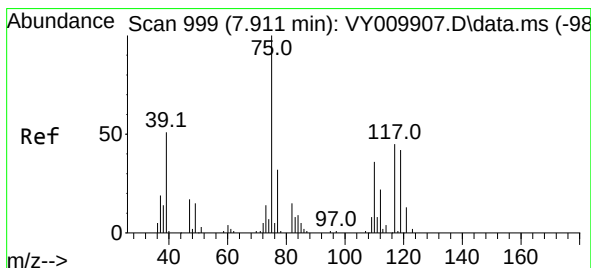
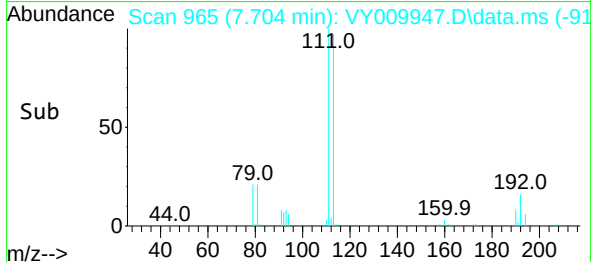
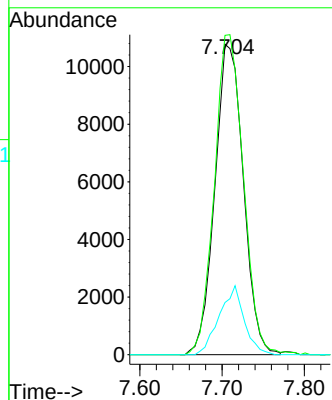
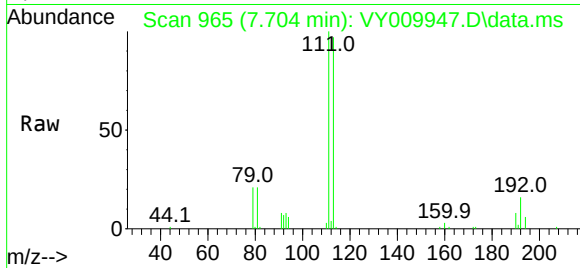




#35
Dibromofluoromethane
Concen: 35.198 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.005 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

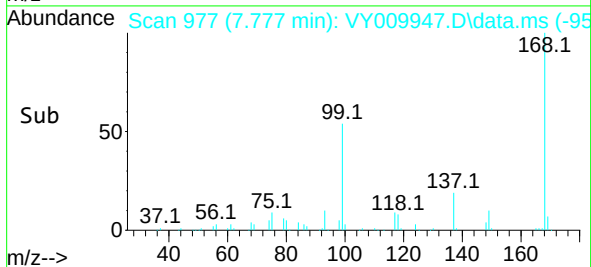
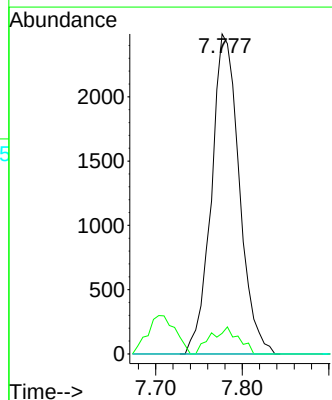
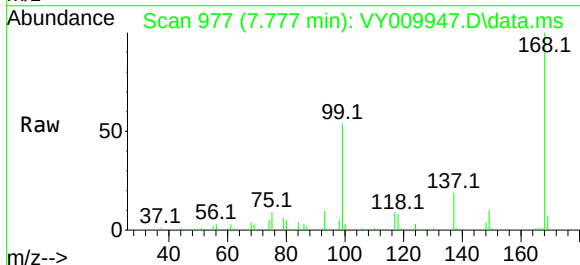
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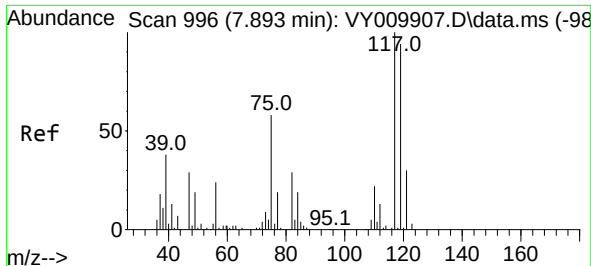
Tgt Ion:113 Resp: 25945
Ion Ratio Lower Upper
113 100
111 104.9 80.6 120.8
192 19.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.470 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

Tgt Ion: 75 Resp: 5560
Ion Ratio Lower Upper
75 100
110 8.3 18.6 56.0#
77 0.0 25.0 37.4#

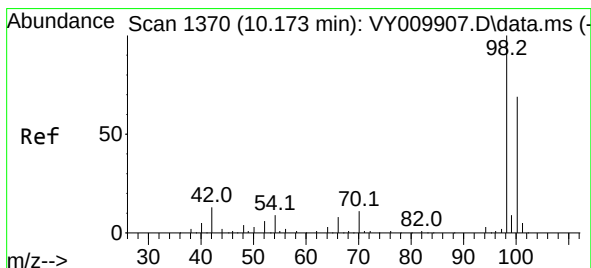
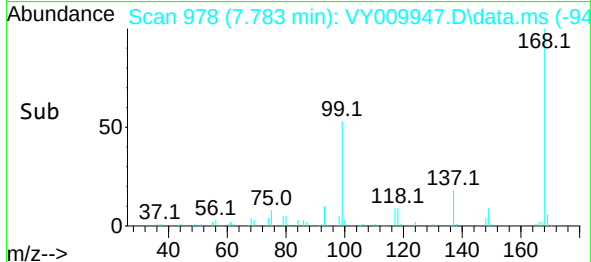
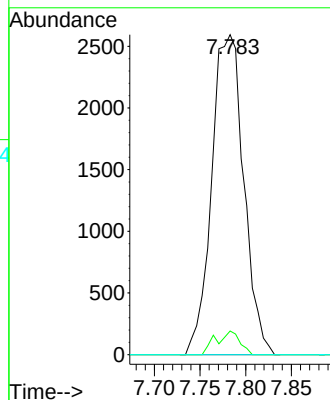
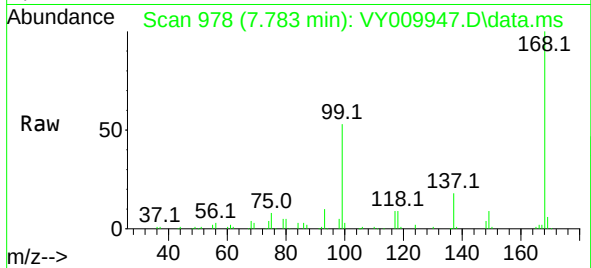




#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

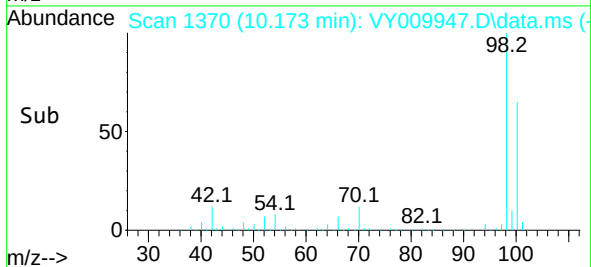
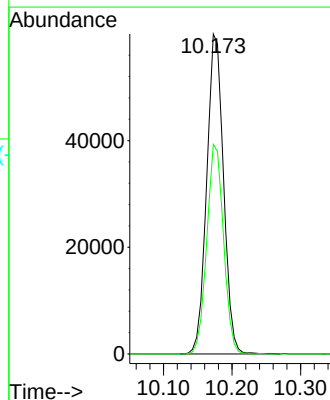
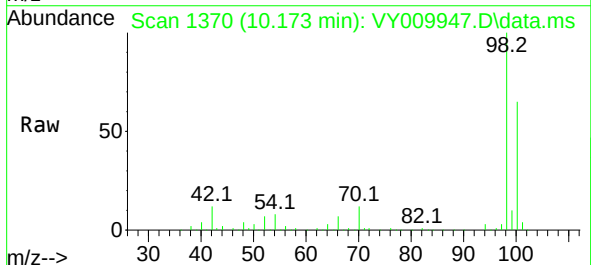
Instrument :
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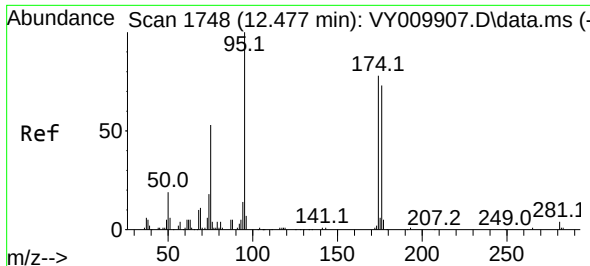
Tgt Ion:117 Resp: 6325
Ion Ratio Lower Upper
117 100
119 7.4 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 45.165 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.001 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

Tgt Ion: 98 Resp: 102300
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

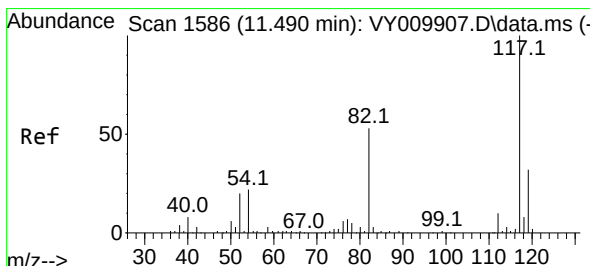
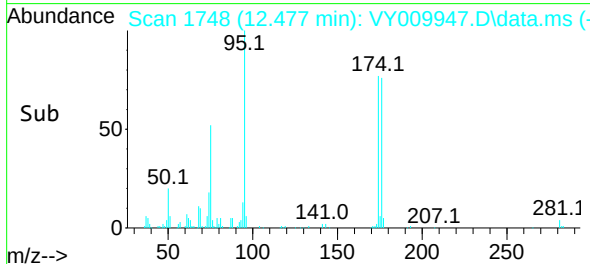
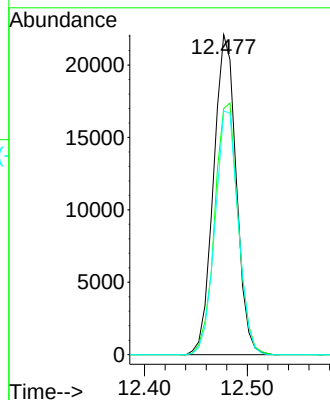
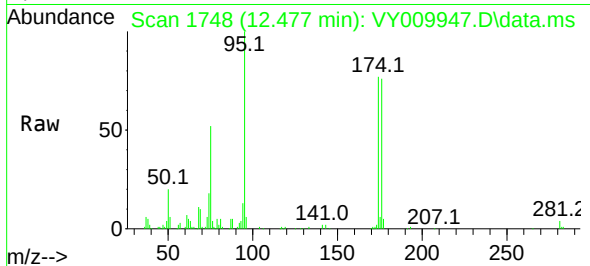




#62
4-Bromofluorobenzene
Concen: 32.941 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

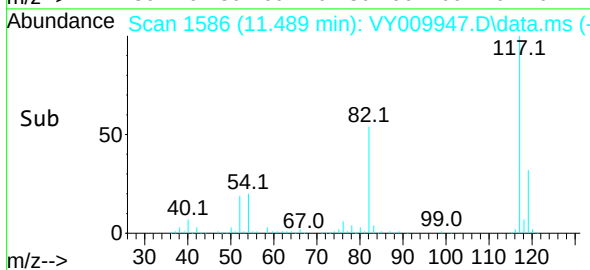
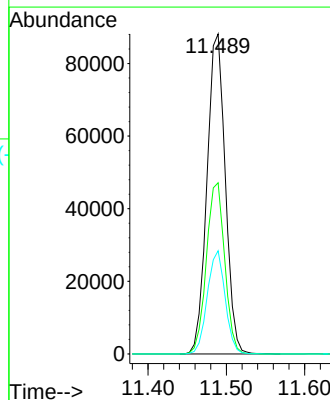
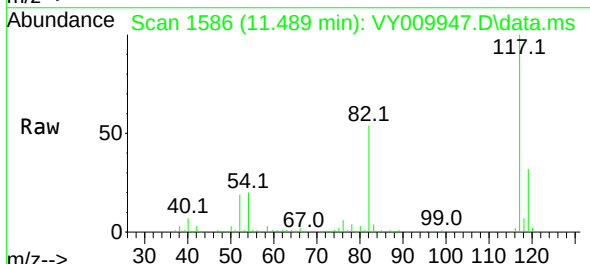
Instrument :
MSVOA_Y
ClientSampleId :
SB04

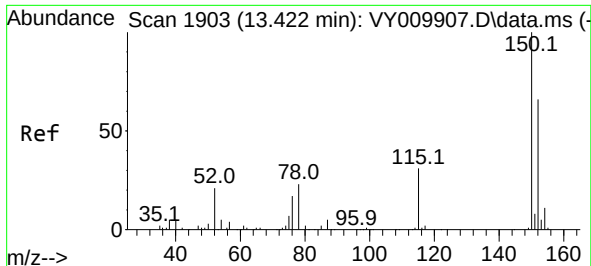
Tgt Ion: 95 Resp: 33904
Ion Ratio Lower Upper
95 100
174 81.0 0.0 173.8
176 77.7 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009947.D
Acq: 10 Aug 2022 03:40

Tgt Ion: 117 Resp: 142774
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.6
119 32.3 25.6 38.4

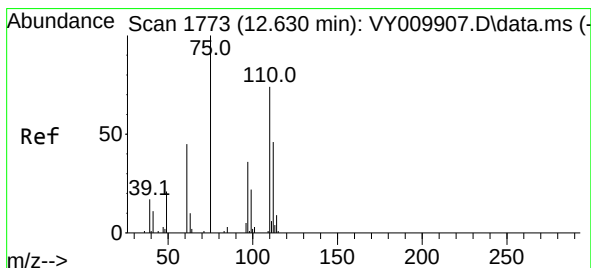
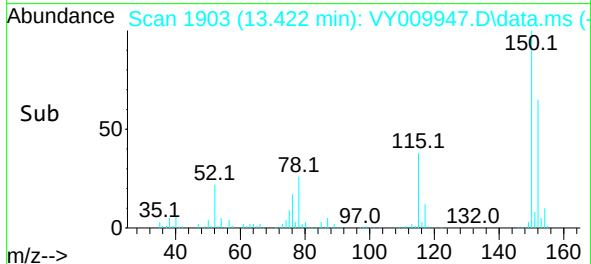
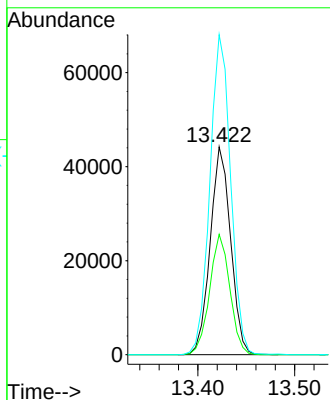
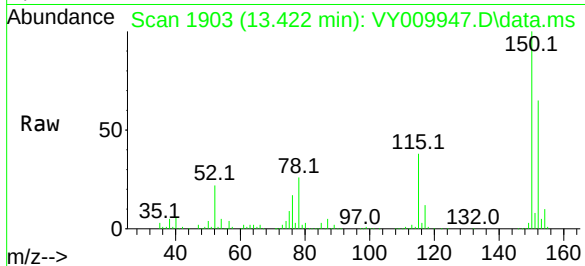




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009947.D
 Acq: 10 Aug 2022 03:40

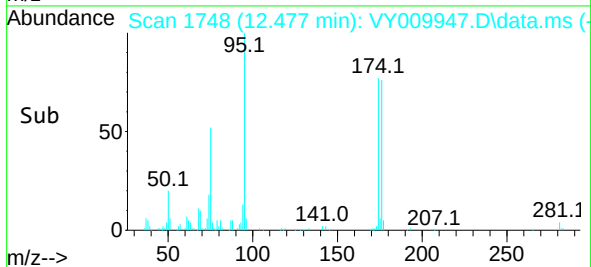
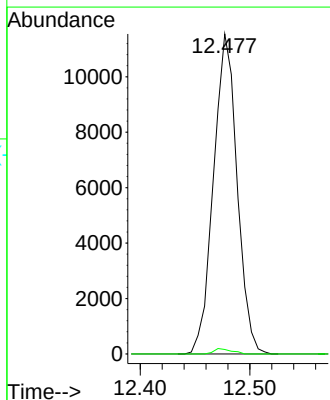
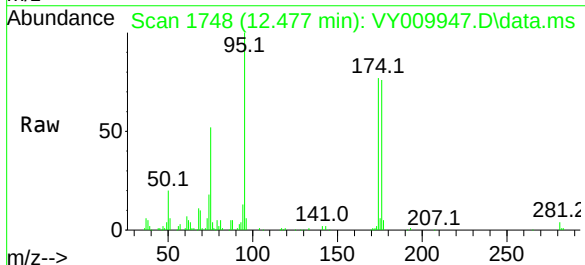
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB04

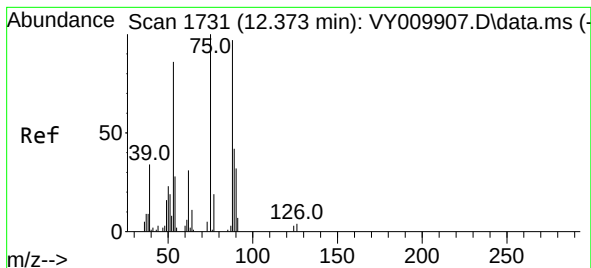
Tgt Ion:152 Resp: 64897
 Ion Ratio Lower Upper
 152 100
 115 57.4 28.6 85.9
 150 156.2 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 24.367 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009947.D
 Acq: 10 Aug 2022 03:40

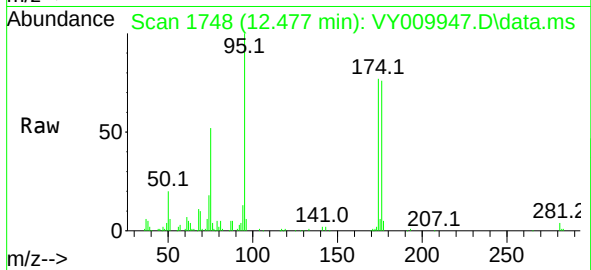
Tgt Ion: 75 Resp: 17301
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.263 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009947.D
 Acq: 10 Aug 2022 03:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB04



Tgt Ion:	75	Resp:	17301
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	38.1	57.1#

