

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009975.D
 Acq On : 11 Aug 2022 19:41
 Operator : KP/MD
 Sample : N4064-07RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15

Quant Time: Aug 12 02:50:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

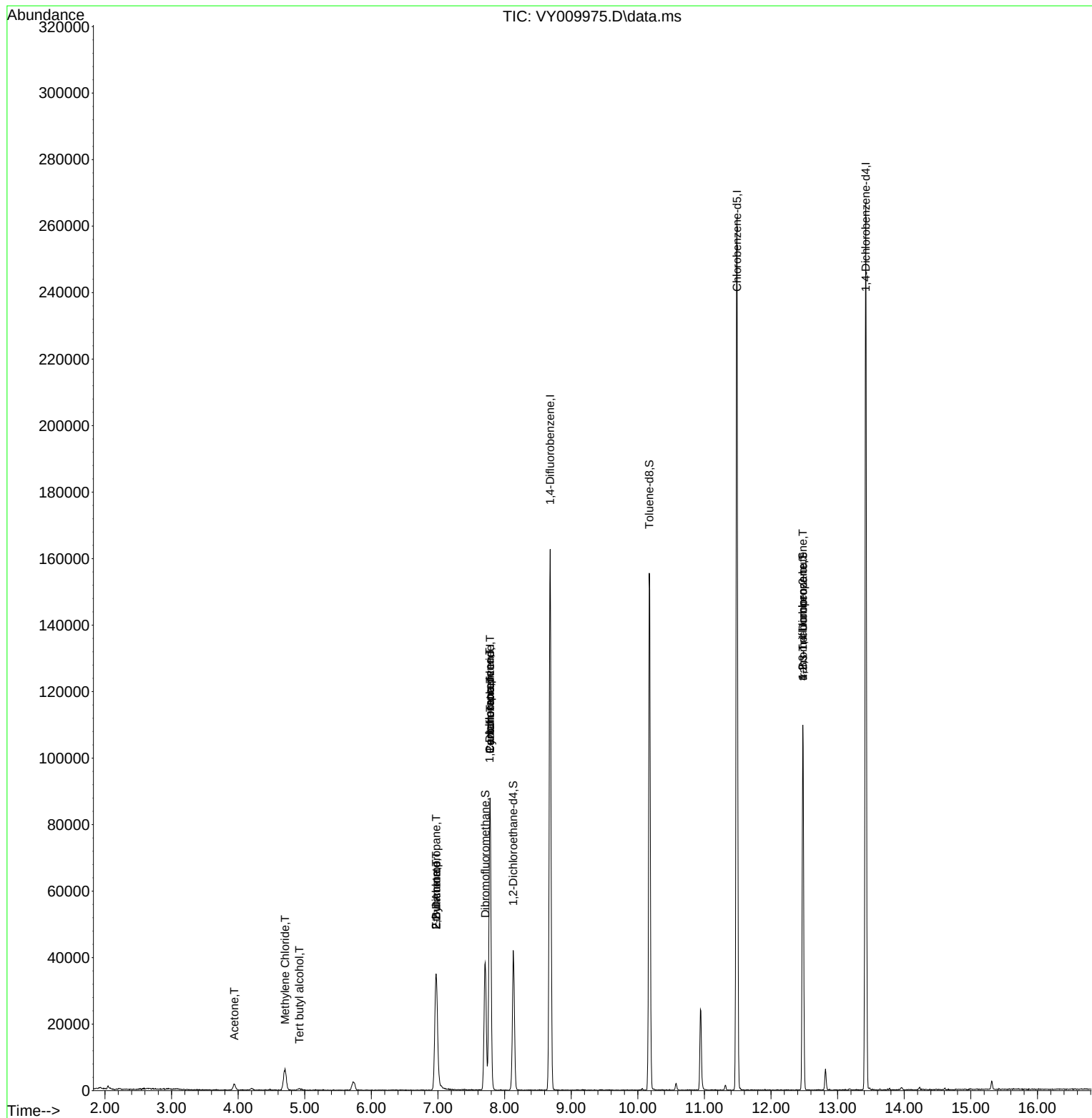
Internal Standards						
1) Pentafluorobenzene	7.783	168	65809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	135036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	29058	57.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.280%
35) Dibromofluoromethane	7.710	113	27254	35.078	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.160%
50) Toluene-d8	10.173	98	98625	42.530	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.060%
62) 4-Bromofluorobenzene	12.477	95	32354	29.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.240%
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	19	Below Cal	#	3
11) Tert butyl alcohol	4.917	59	388	6.036	ug/l #	78
16) Acetone	3.942	43	3133	18.924	ug/l	97
18) Methyl Acetate	4.478	43	231	Below Cal	#	52
20) Methylene Chloride	4.704	84	4817	2.099	ug/l	98
25) 2-Butanone	6.972	43	1865	6.583	ug/l #	48
26) 2,2-Dichloropropane	6.972	77	2513	2.209	ug/l #	52
31) Cyclohexane	7.783	56	1585	1.125	ug/l #	8
36) 1,1-Dichloropropene	7.777	75	5448	4.028	ug/l #	49
37) Ethyl Acetate	6.972	43	1865	2.360	ug/l #	1
38) Carbon Tetrachloride	7.783	117	6597	5.092	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	16326	23.834	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	16326	46.395	ug/l #	13

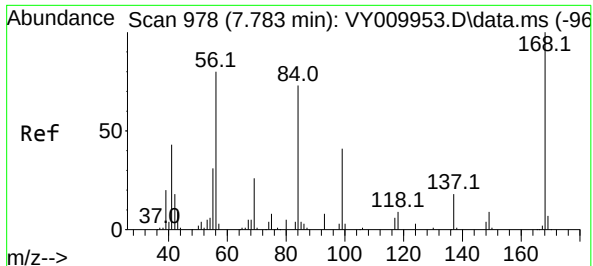
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
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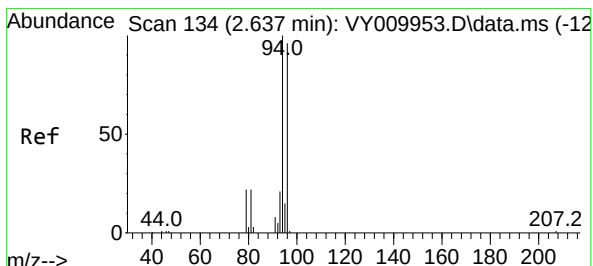
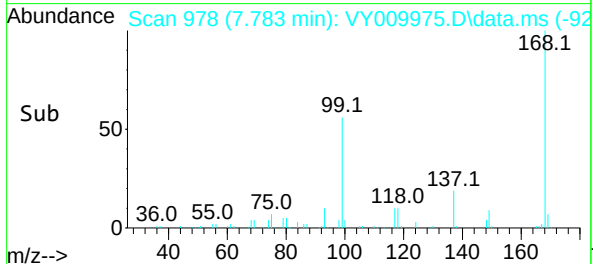
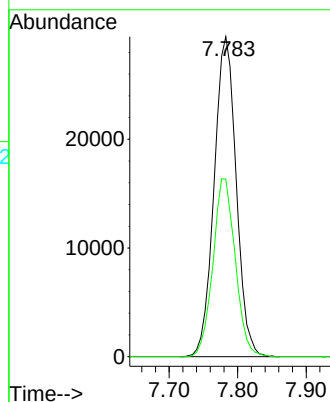
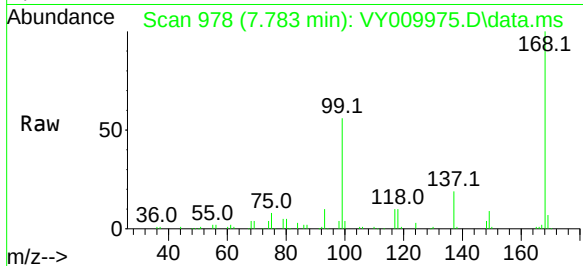




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

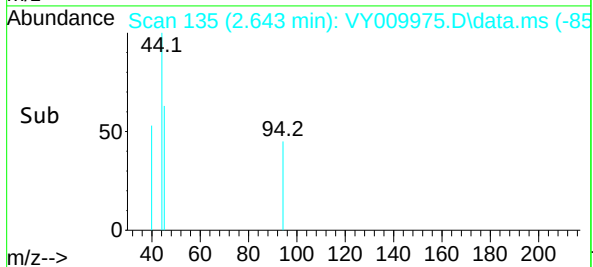
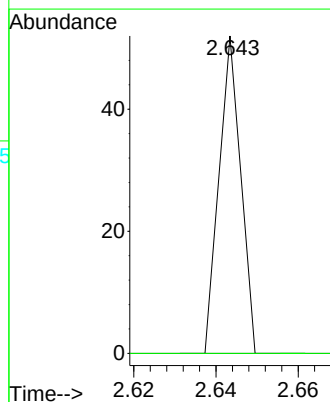
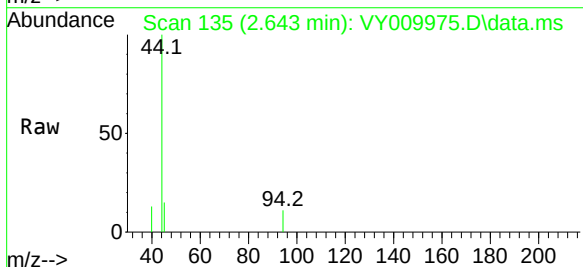
Instrument :
MSVOA_Y
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SB-15

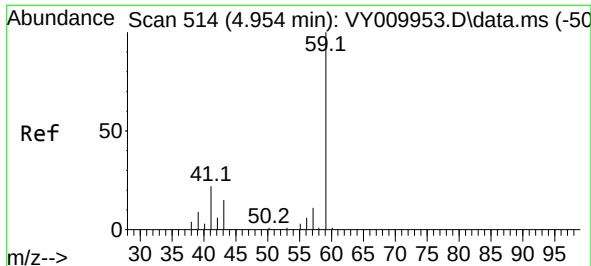
Tgt Ion:168 Resp: 65809
Ion Ratio Lower Upper
168 100
99 55.5 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 6.036 ug/l

RT: 4.917 min Scan# 50

Delta R.T. -0.037 min

Lab File: VY009975.D

Acq: 11 Aug 2022 19:41

Instrument :

MSVOA_Y

ClientSampleId :

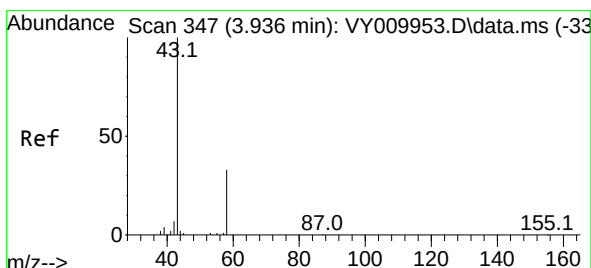
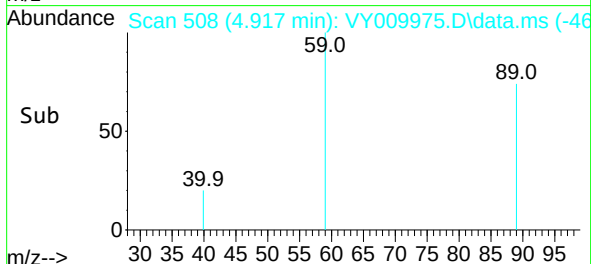
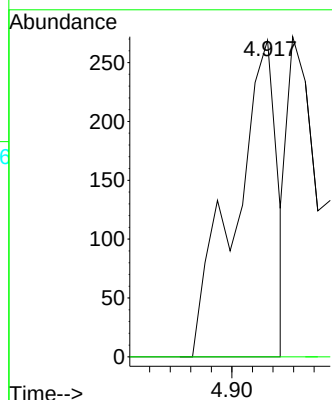
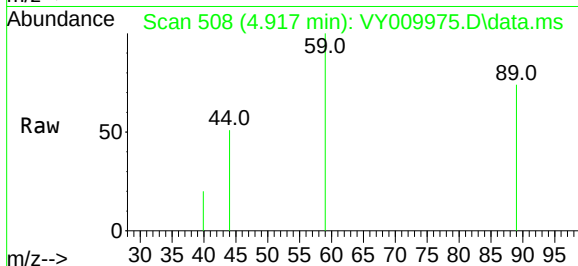
SB-15

Tgt Ion: 59 Resp: 388

Ion Ratio Lower Upper

59 100

57 0.0 6.3 9.5#



#16

Acetone

Concen: 18.924 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009975.D

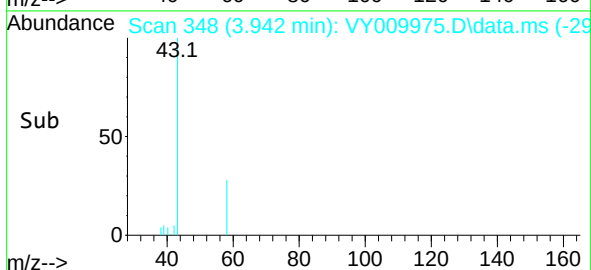
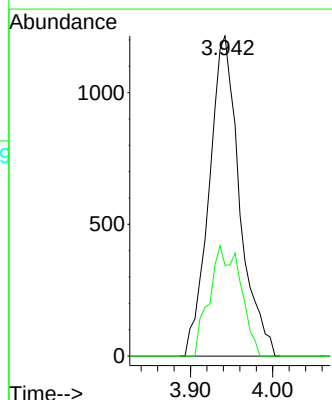
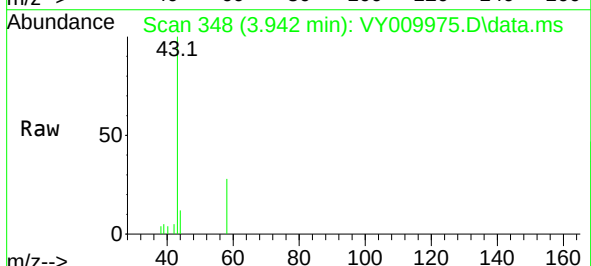
Acq: 11 Aug 2022 19:41

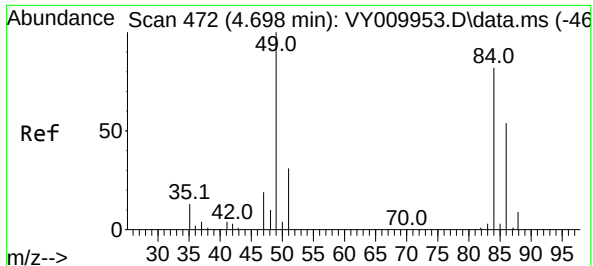
Tgt Ion: 43 Resp: 3133

Ion Ratio Lower Upper

43 100

58 28.4 24.0 36.0

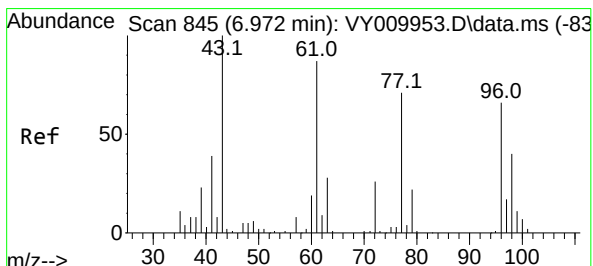
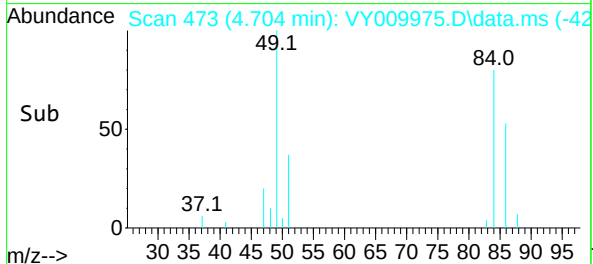
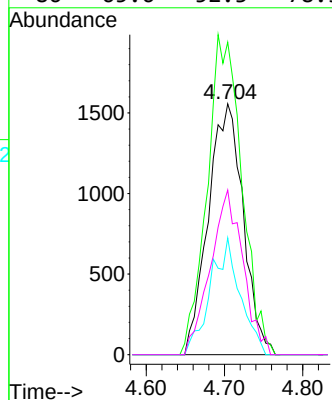
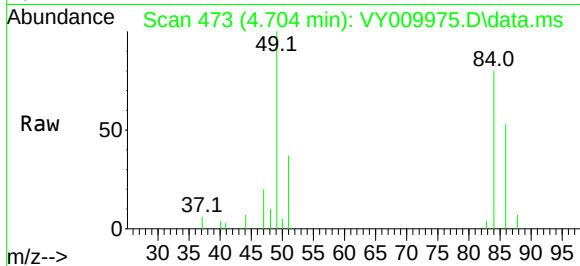




#20
Methylene Chloride
Concen: 2.099 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

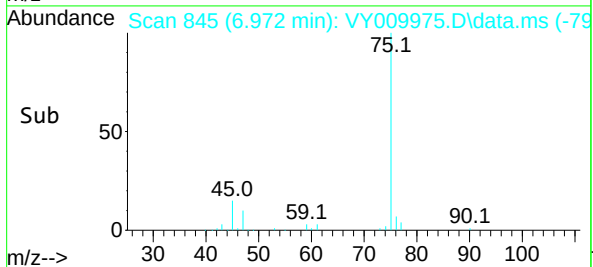
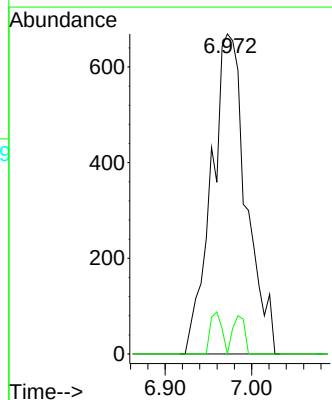
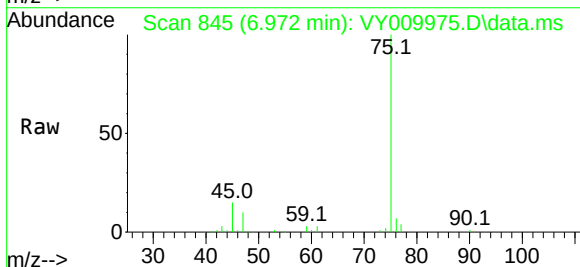
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

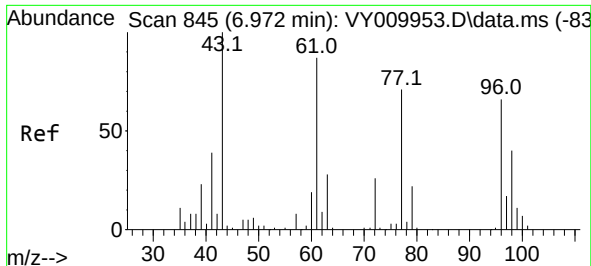
Tgt Ion:	84	Resp:	4817
Ion	Ratio	Lower	Upper
84	100		
49	124.5	98.2	147.4
51	46.6	33.4	50.0
86	65.6	52.3	78.5



#25
2-Butanone
Concen: 6.583 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion:	43	Resp:	1865
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.5	32.3#

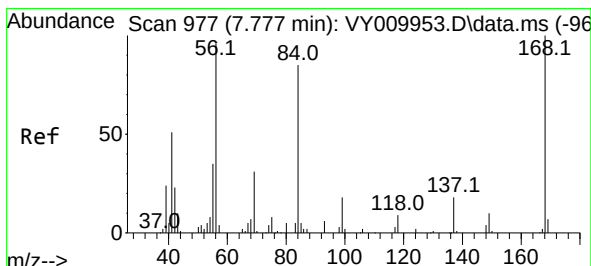
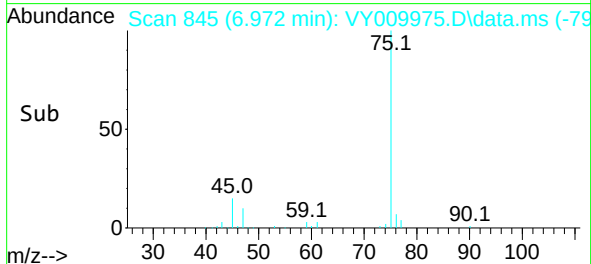
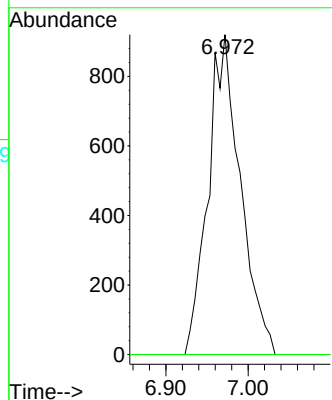
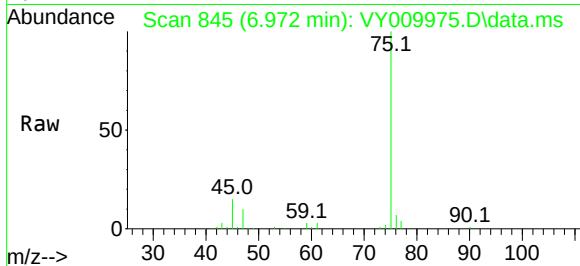




#26
2,2-Dichloropropane
Concen: 2.209 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

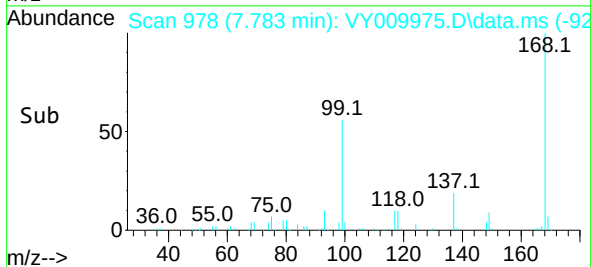
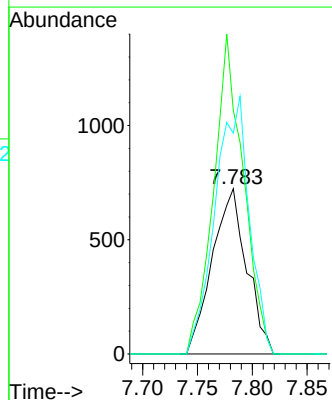
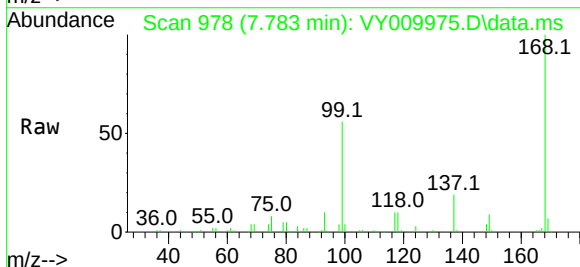
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

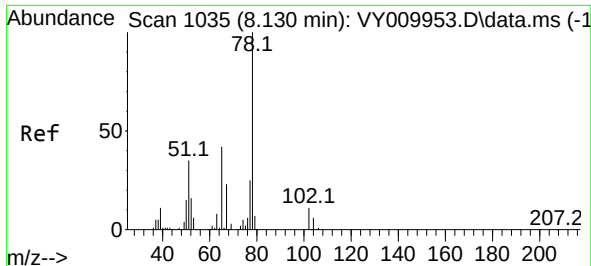
Tgt Ion: 77 Resp: 2513
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.0#



#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion: 56 Resp: 1585
Ion Ratio Lower Upper
56 100
69 147.2 26.0 39.0#
84 133.6 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 57.637 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009975.D

Acq: 11 Aug 2022 19:41

Instrument :

MSVOA_Y

ClientSampleId :

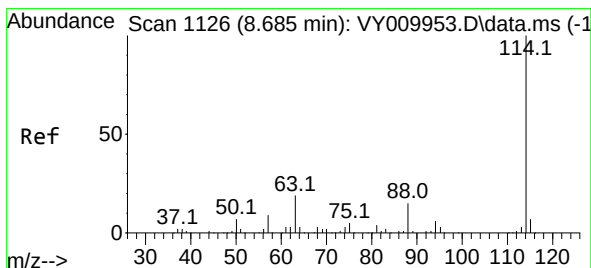
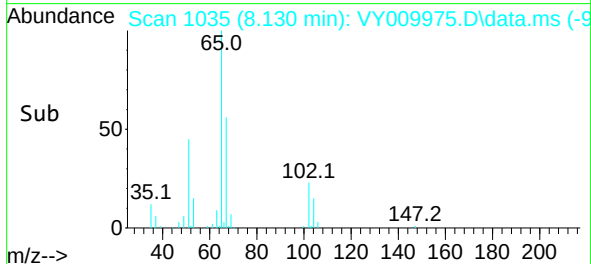
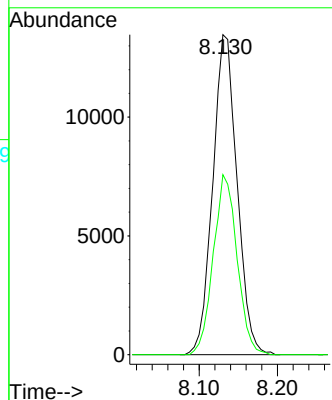
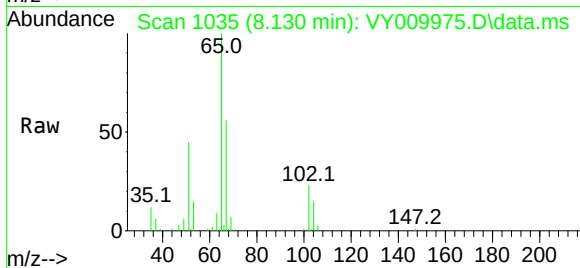
SB-15

Tgt Ion: 65 Resp: 29058

Ion Ratio Lower Upper

65 100

67 55.1 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: VY009975.D

Acq: 11 Aug 2022 19:41

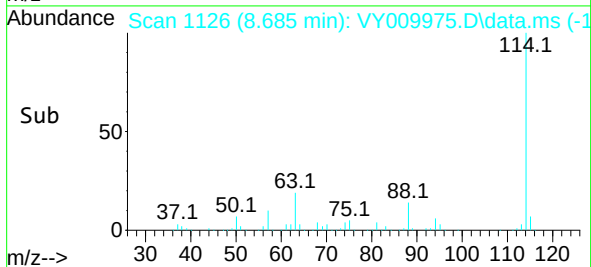
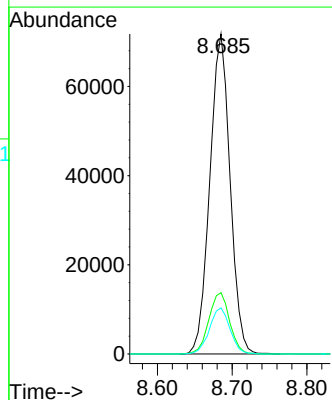
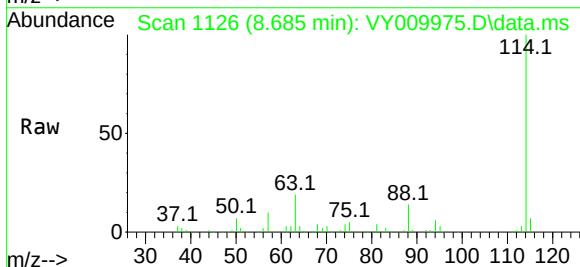
Tgt Ion: 114 Resp: 135036

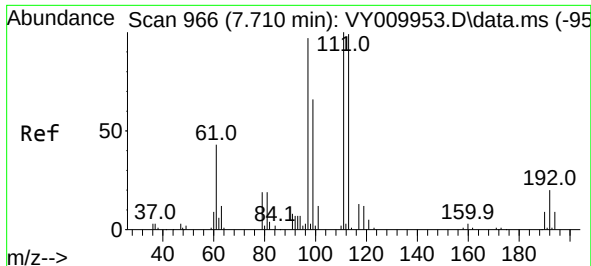
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 14.4 0.0 30.0

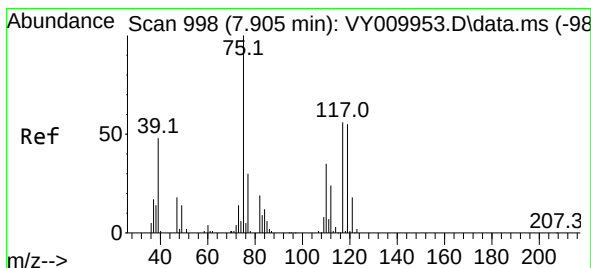
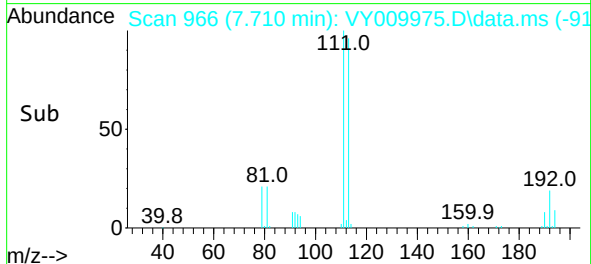
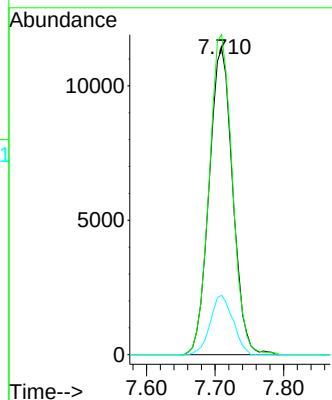
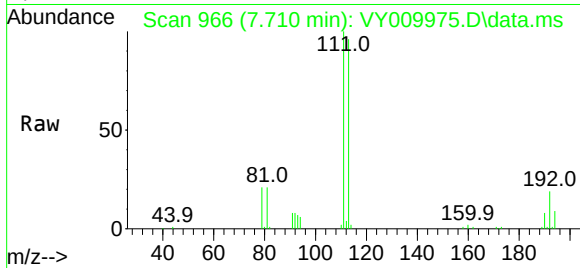




#35
Dibromofluoromethane
Concen: 35.078 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

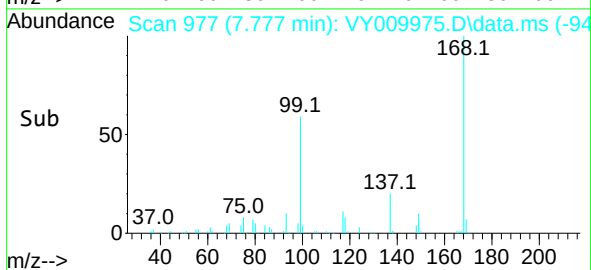
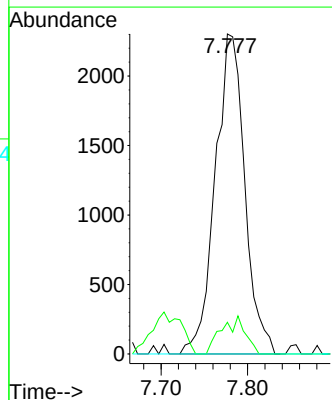
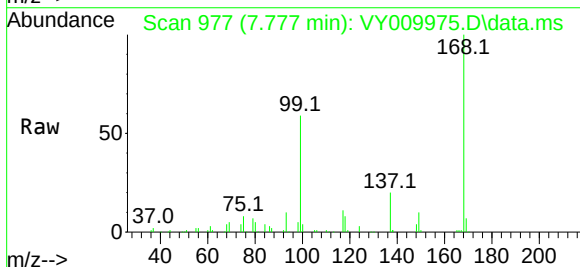
Instrument :
MSVOA_Y
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SB-15

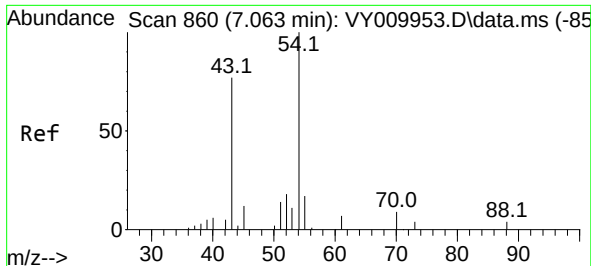
Tgt Ion:113 Resp: 27254
Ion Ratio Lower Upper
113 100
111 102.8 80.6 120.8
192 18.7 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.028 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion: 75 Resp: 5448
Ion Ratio Lower Upper
75 100
110 9.5 18.6 56.0#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.360 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY009975.D

Acq: 11 Aug 2022 19:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-15

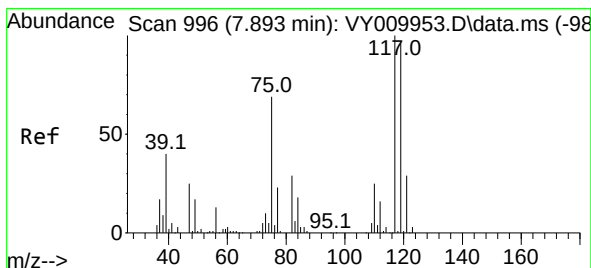
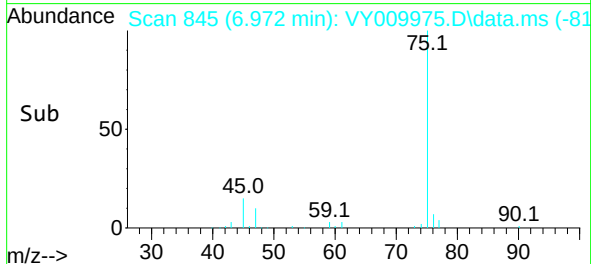
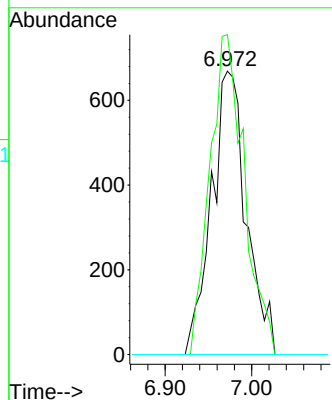
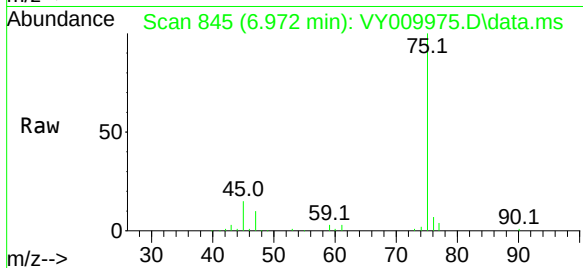
Tgt Ion: 43 Resp: 1865

Ion Ratio Lower Upper

43 100

61 111.4 11.2 16.8#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.092 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009975.D

Acq: 11 Aug 2022 19:41

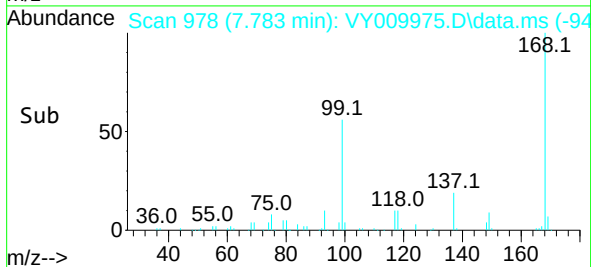
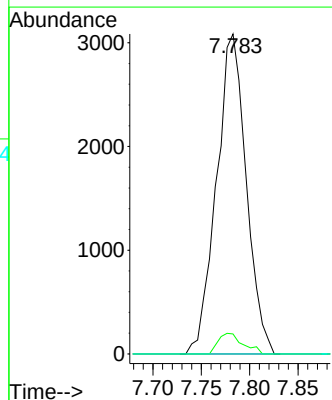
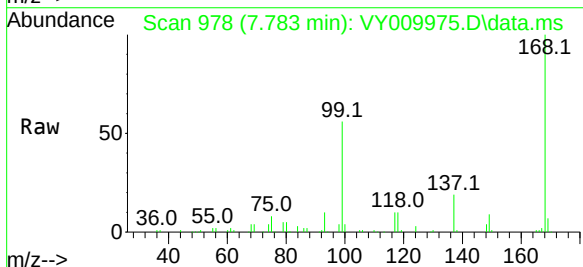
Tgt Ion: 117 Resp: 6597

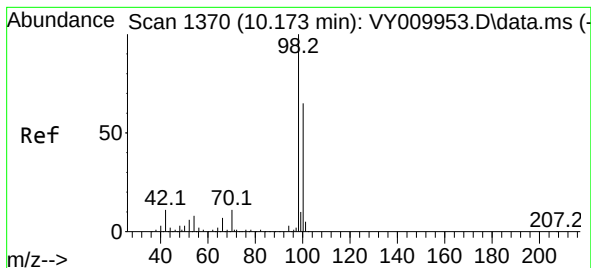
Ion Ratio Lower Upper

117 100

119 6.3 75.9 113.9#

121 0.0 24.9 37.3#

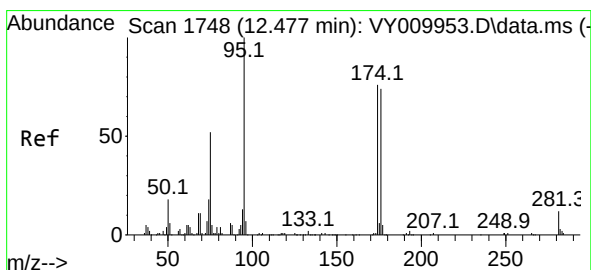
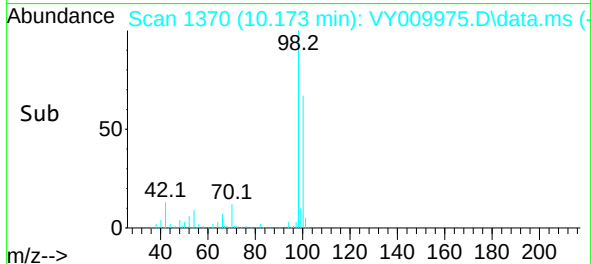
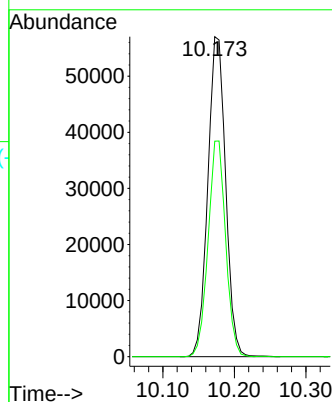
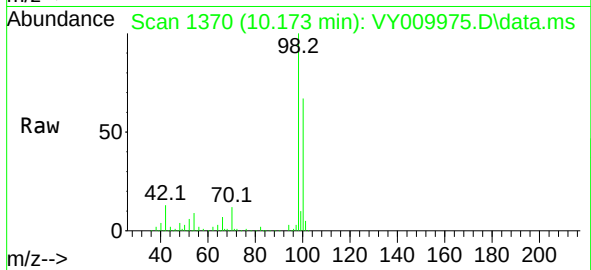




#50
Toluene-d8
Concen: 42.530 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

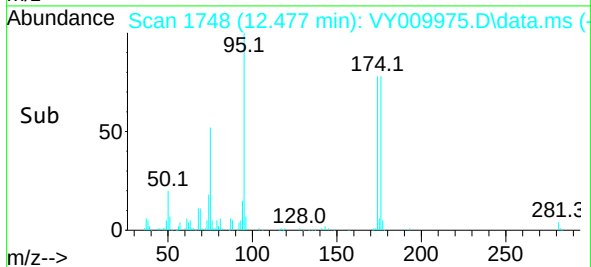
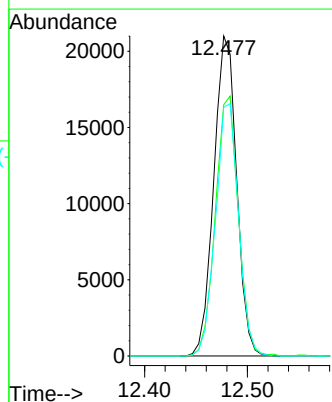
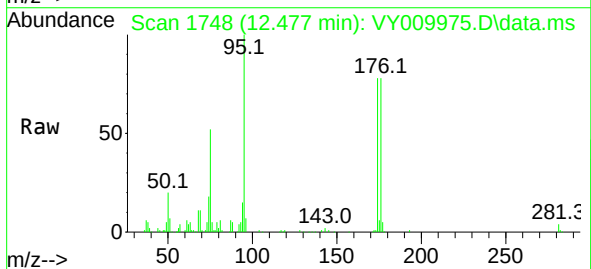
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

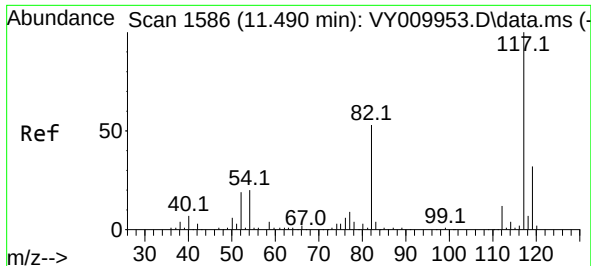
Tgt Ion: 98 Resp: 98625
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.620 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion: 95 Resp: 32354
Ion Ratio Lower Upper
95 100
174 81.7 0.0 173.8
176 79.6 0.0 167.0

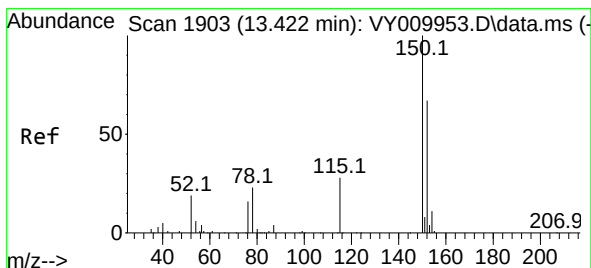
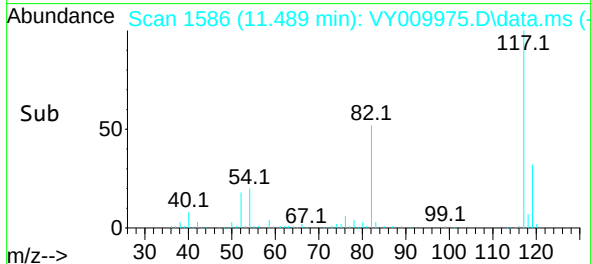
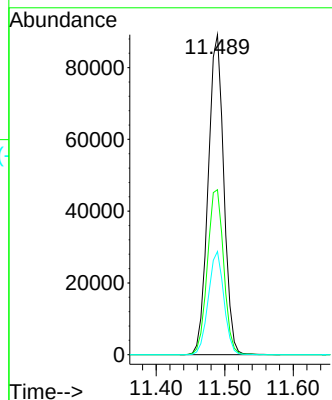
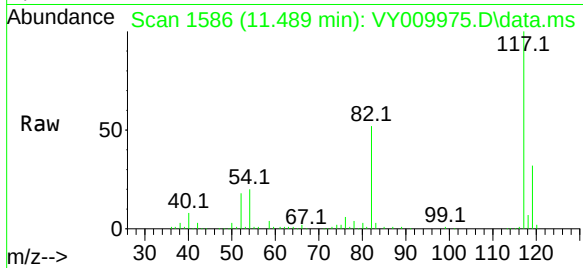




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

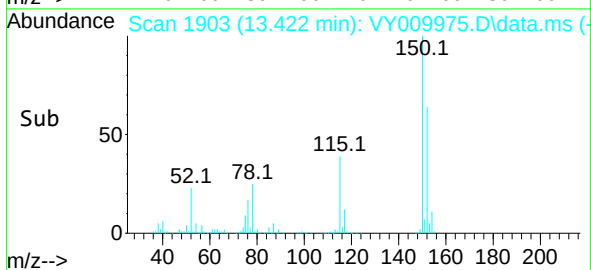
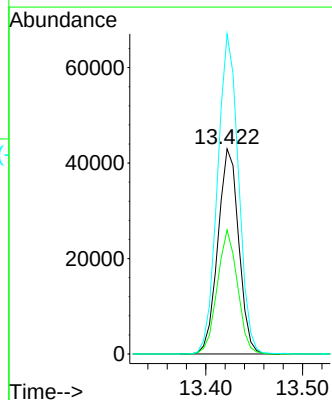
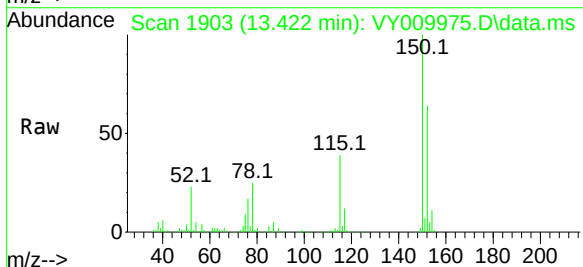
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

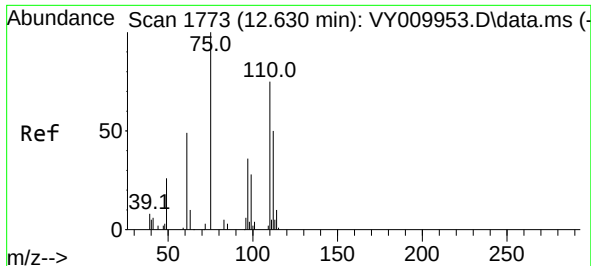
Tgt Ion:117 Resp: 141823
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.6
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion:152 Resp: 64162
Ion Ratio Lower Upper
152 100
115 58.6 28.6 85.9
150 157.1 0.0 349.8

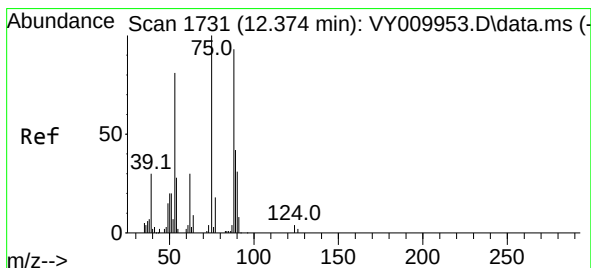
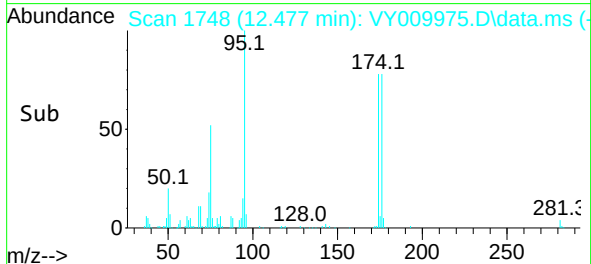
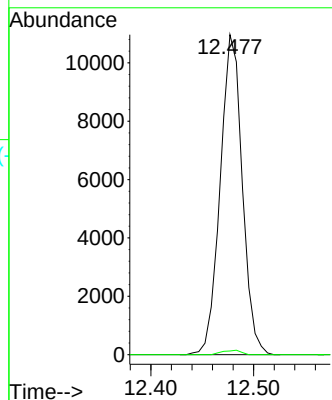
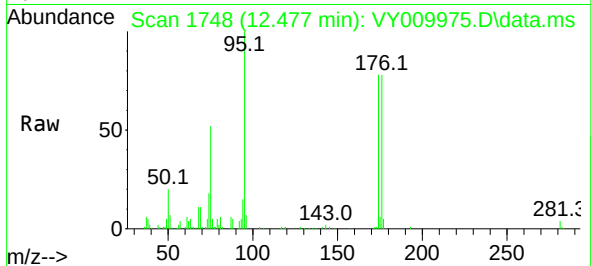




#76
1,2,3-Trichloropropane
Concen: 23.834 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-15

Tgt Ion: 75 Resp: 16326
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009975.D
Acq: 11 Aug 2022 19:41

Tgt Ion: 75 Resp: 16326
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

