

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009868.D
 Acq On : 05 Aug 2022 22:07
 Operator : KP/MD
 Sample : N4064-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15

Quant Time: Aug 06 01:23:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

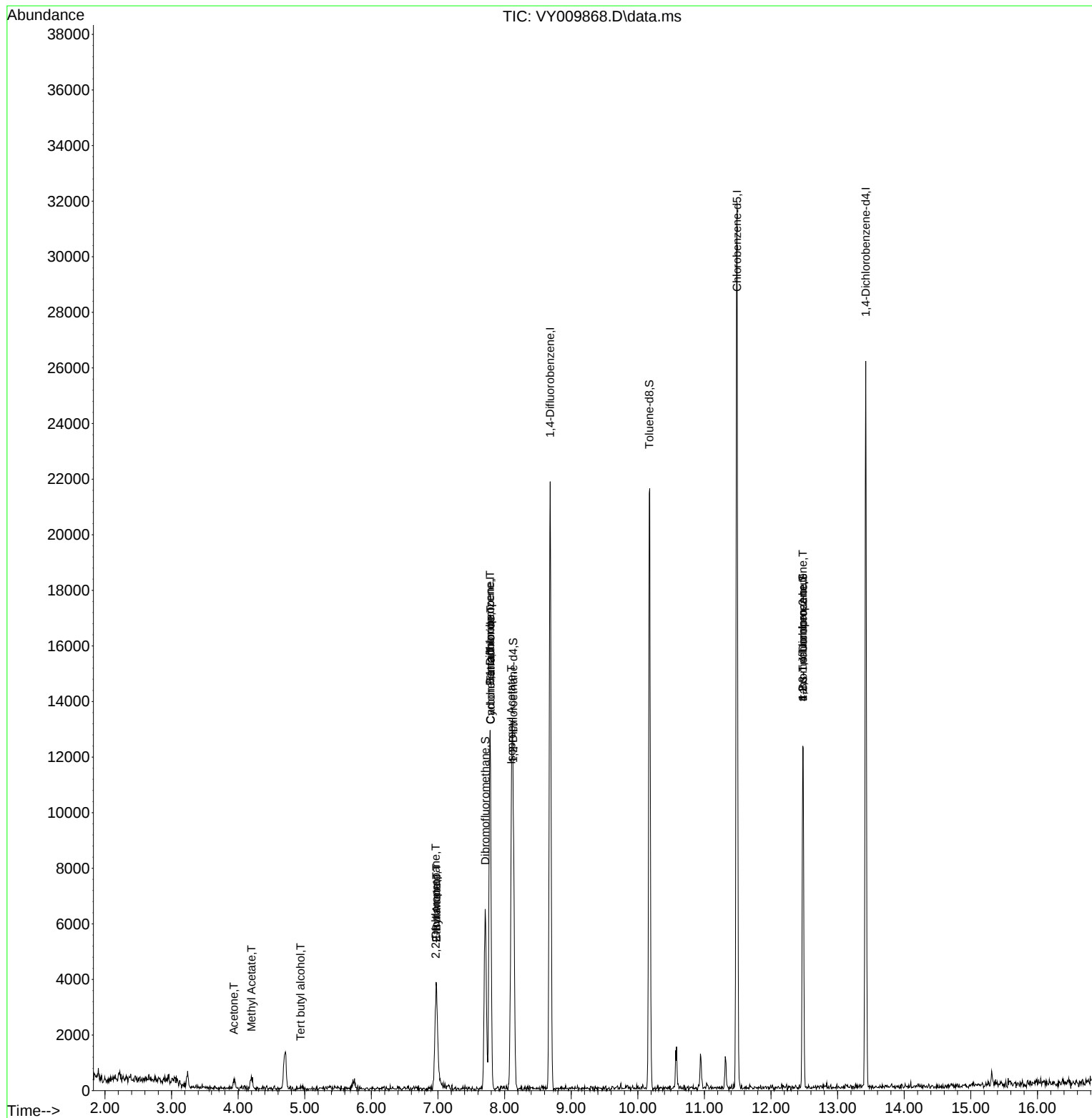
Internal Standards						
1) Pentafluorobenzene	7.783	168	10015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4356	53.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.620%
35) Dibromofluoromethane	7.710	113	4528	41.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.000%
50) Toluene-d8	10.173	98	13789	41.932	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.860%
62) 4-Bromofluorobenzene	12.477	95	3544	23.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	47.980%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	285	Below Cal		73
11) Tert butyl alcohol	4.936	59	21	1.975 ug/l	#	78
16) Acetone	3.936	43	511	18.025 ug/l		91
18) Methyl Acetate	4.198	43	119	1.407 ug/l	#	52
20) Methylene Chloride	4.698	84	585	Below Cal	#	86
25) 2-Butanone	6.978	43	206	4.442 ug/l	#	53
26) 2,2-Dichloropropane	6.966	77	253	1.338 ug/l	#	52
31) Cyclohexane	7.789	56	239	1.261 ug/l	#	23
36) 1,1-Dichloropropene	7.783	75	861	4.757 ug/l	#	41
37) Ethyl Acetate	6.978	43	206	1.747 ug/l	#	1
38) Carbon Tetrachloride	7.789	117	980	5.148 ug/l	#	12
43) Isopropyl Acetate	8.100	43	330	1.606 ug/l	#	18
76) 1,2,3-Trichloropropane	12.477	75	1823	24.608 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1823	52.815 ug/l	#	12

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

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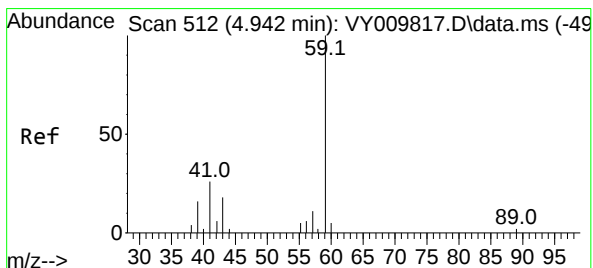
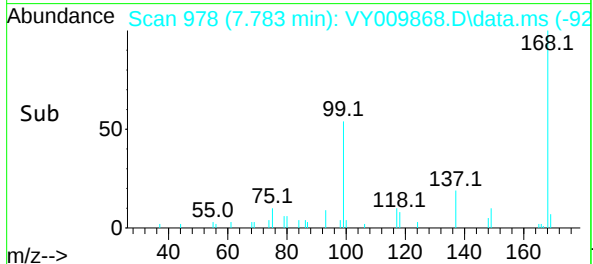
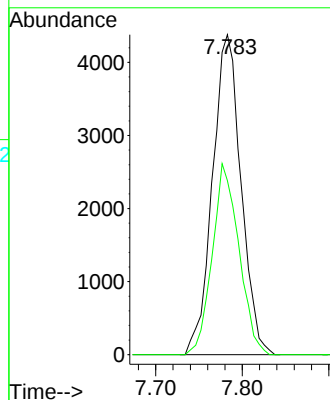
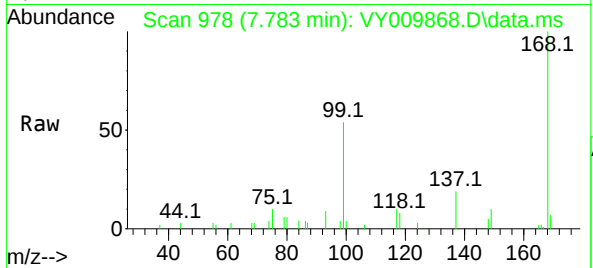




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

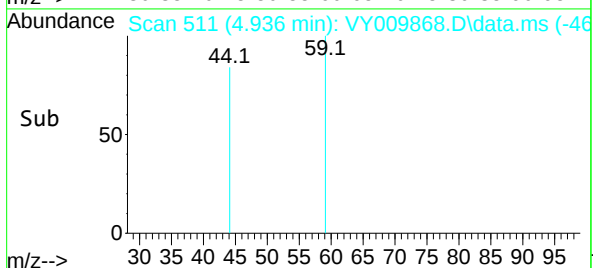
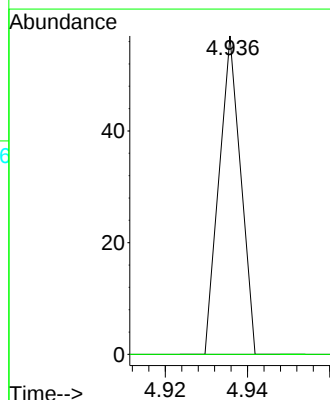
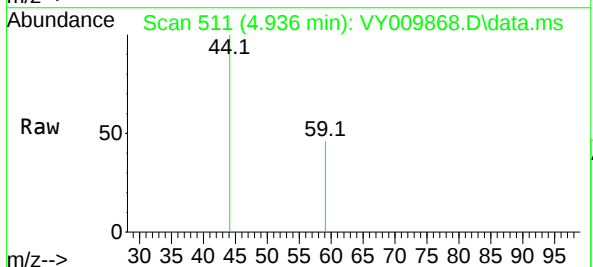
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

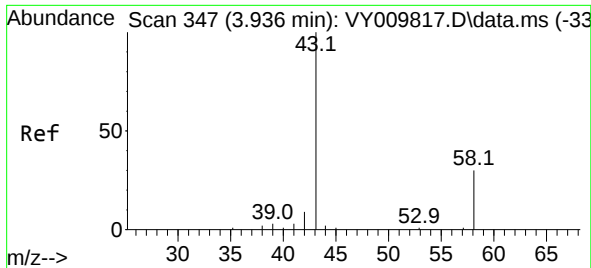
Tgt Ion:168 Resp: 10015
Ion Ratio Lower Upper
168 100
99 54.4 44.7 67.1



#11
Tert butyl alcohol
Concen: 1.975 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Tgt Ion: 59 Resp: 21
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#

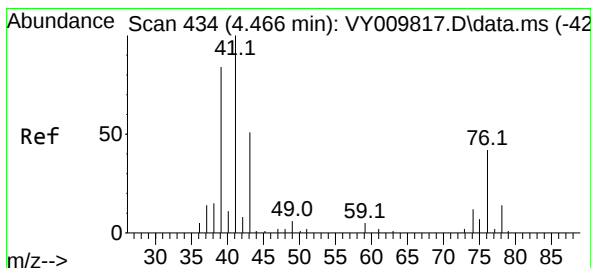
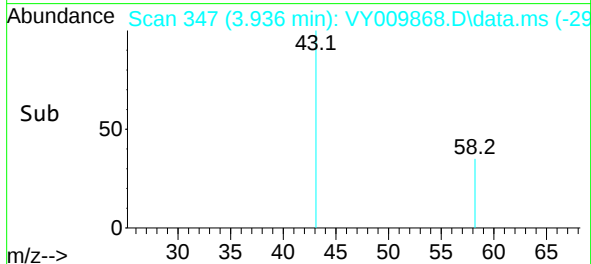
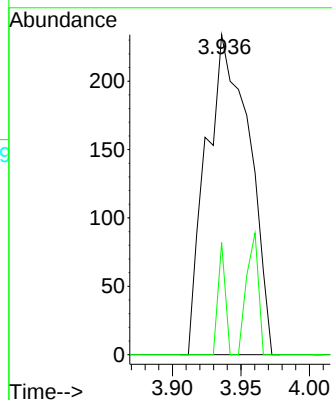
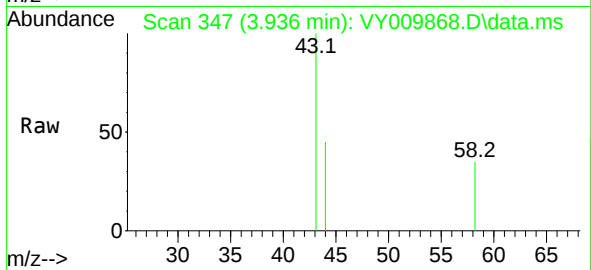




#16
Acetone
Concen: 18.025 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

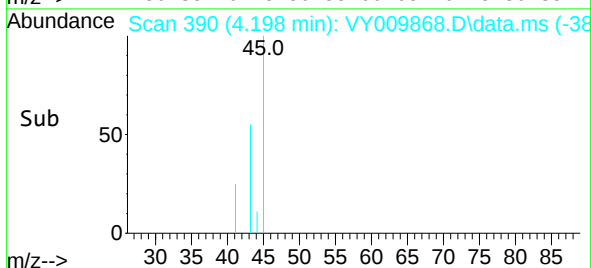
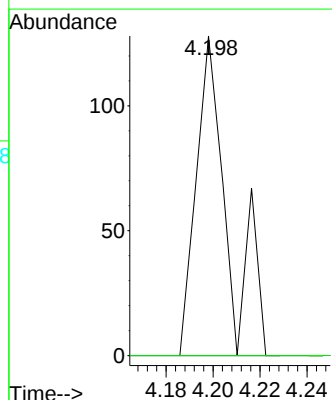
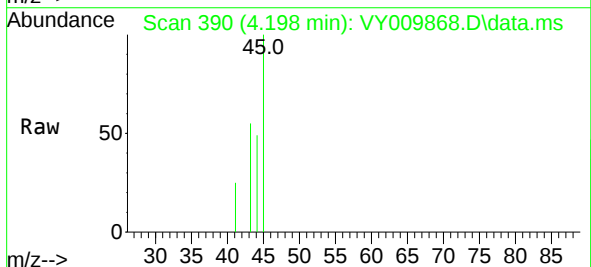
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

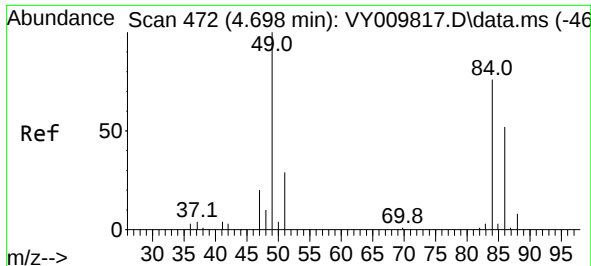
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 35.0 24.1 36.1



#18
Methyl Acetate
Concen: 1.407 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.268 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

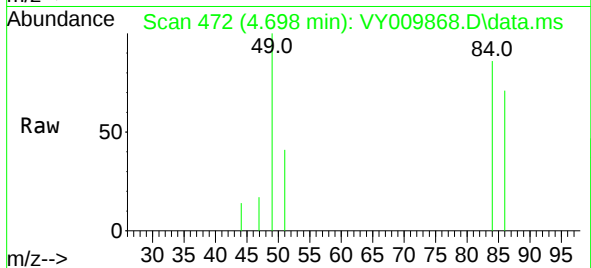
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



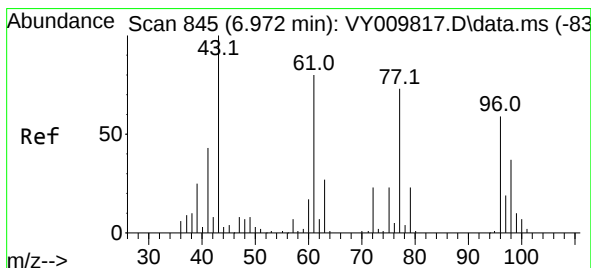
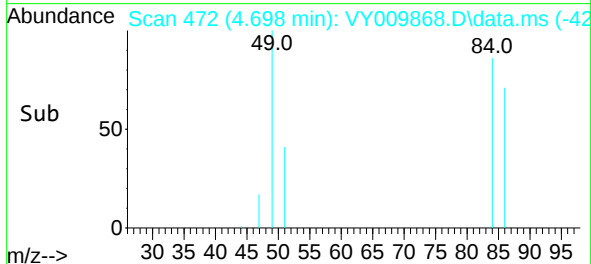
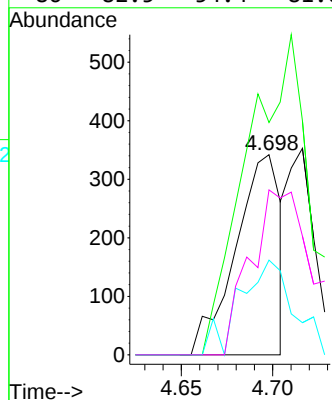


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Instrument :
MSVOA_Y
ClientSampleId :
SB-15

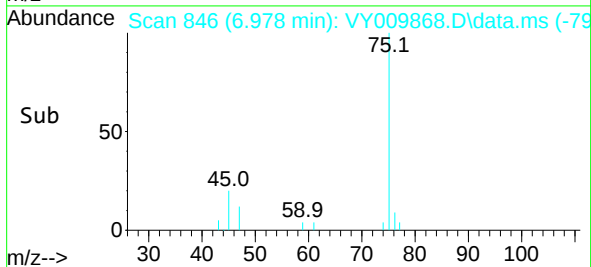
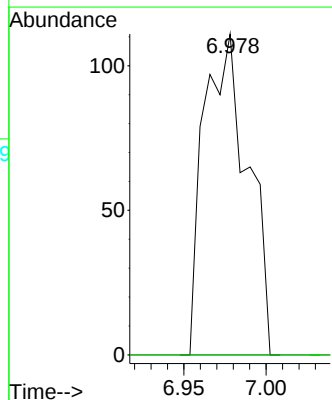
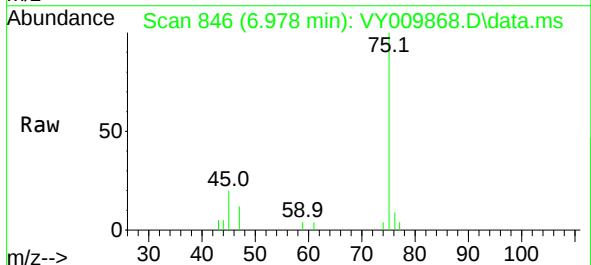


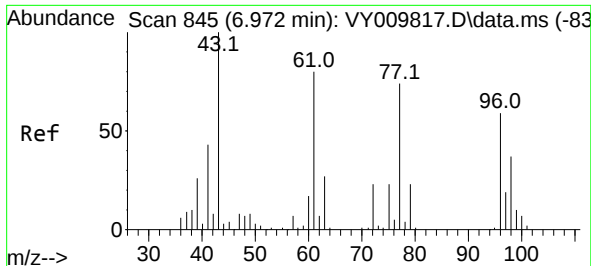
Tgt Ion: 84 Resp: 585
Ion Ratio Lower Upper
84 100
49 116.1 104.6 156.8
51 47.4 30.9 46.3#
86 82.5 54.4 81.6#



#25
2-Butanone
Concen: 4.442 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Tgt Ion: 43 Resp: 206
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#





#26

2,2-Dichloropropane

Concen: 1.338 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY009868.D

Acq: 05 Aug 2022 22:07

Instrument :

MSVOA_Y

ClientSampleId :

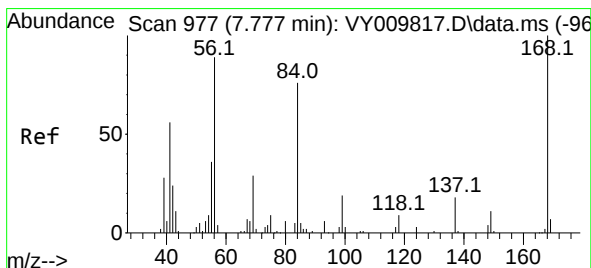
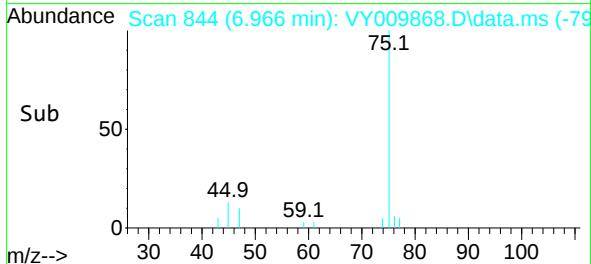
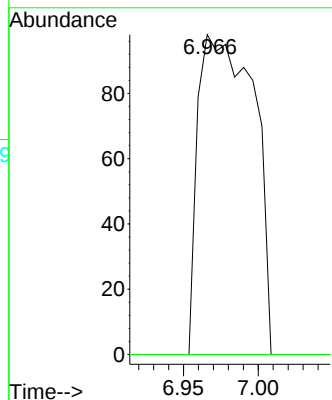
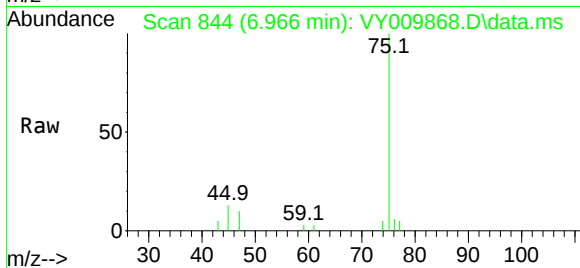
SB-15

Tgt Ion: 77 Resp: 253

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.8#



#31

Cyclohexane

Concen: 1.261 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.012 min

Lab File: VY009868.D

Acq: 05 Aug 2022 22:07

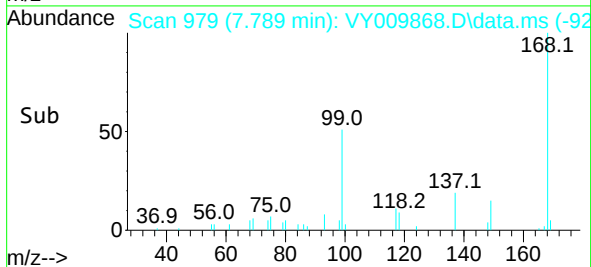
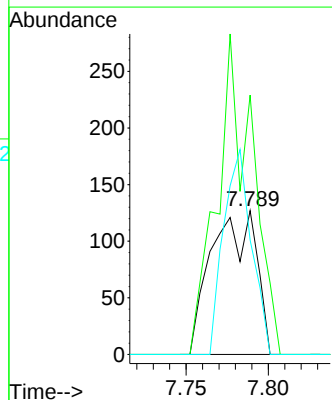
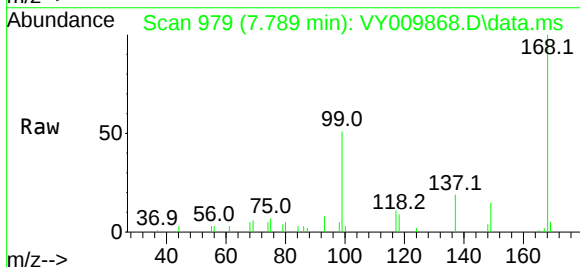
Tgt Ion: 56 Resp: 239

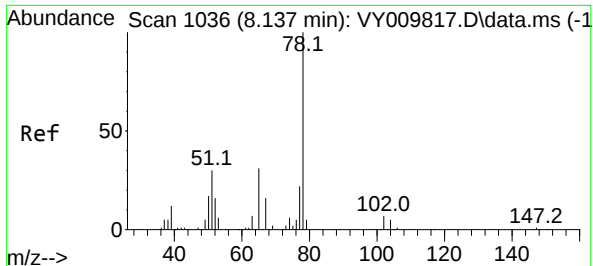
Ion Ratio Lower Upper

56 100

69 180.3 25.8 38.8#

84 79.5 67.9 101.9





#33

1,2-Dichloroethane-d4

Concen: 53.311 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009868.D

Acq: 05 Aug 2022 22:07

Instrument :

MSVOA_Y

ClientSampleId :

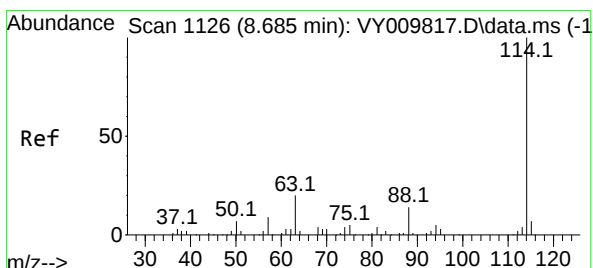
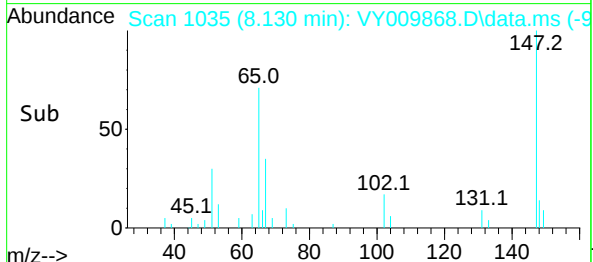
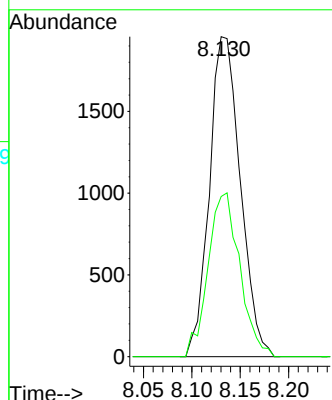
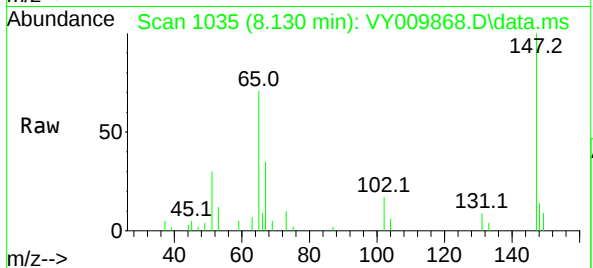
SB-15

Tgt Ion: 65 Resp: 4356

Ion Ratio Lower Upper

65 100

67 52.3 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009868.D

Acq: 05 Aug 2022 22:07

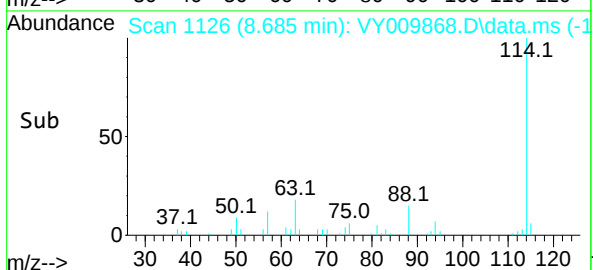
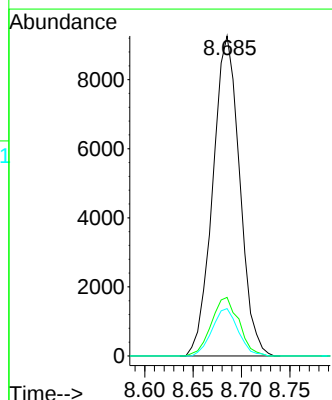
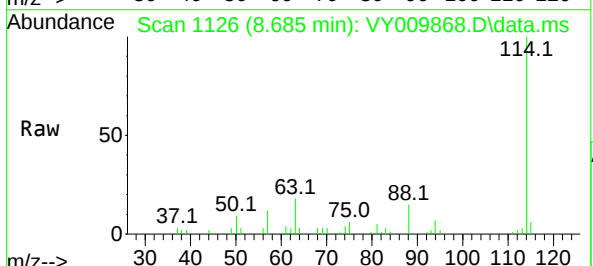
Tgt Ion: 114 Resp: 17895

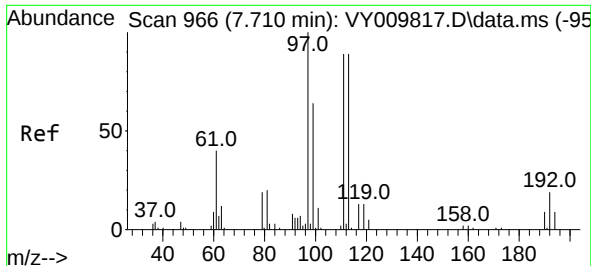
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.2

88 14.8 0.0 27.6

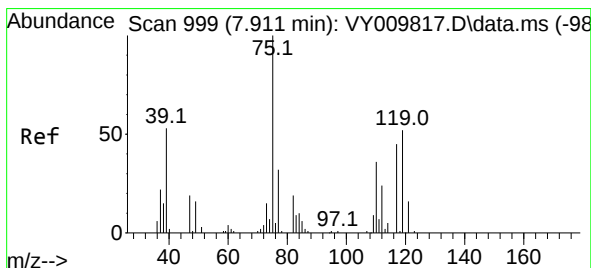
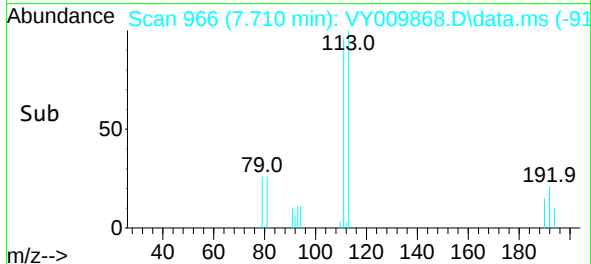
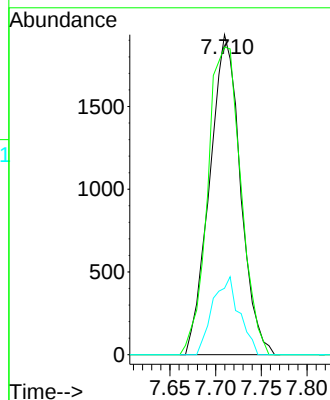
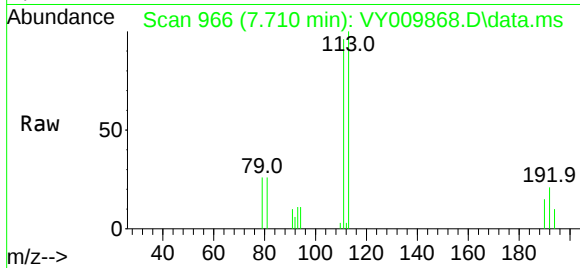




#35
Dibromofluoromethane
Concen: 41.500 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

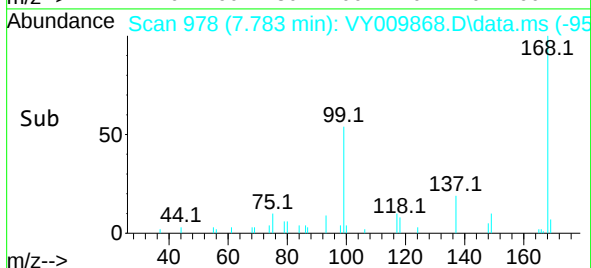
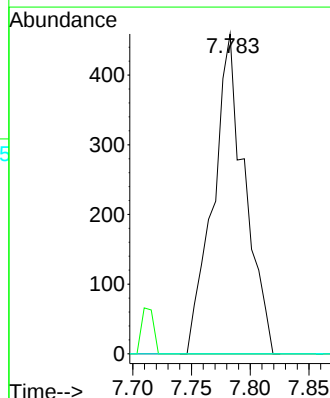
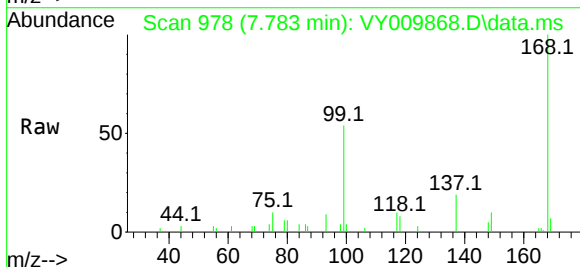
Instrument :
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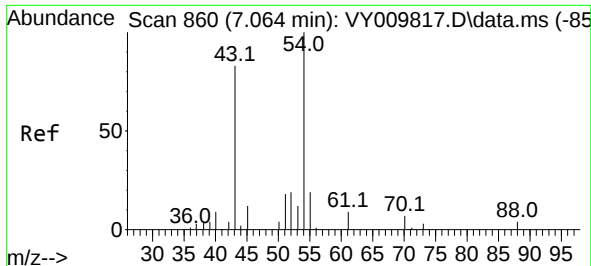
Tgt Ion:113 Resp: 4528
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 21.0 16.5 24.7



#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Tgt Ion: 75 Resp: 861
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.4#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.747 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.086 min

Lab File: VY009868.D

Acq: 05 Aug 2022 22:07

Instrument :

MSVOA_Y

ClientSampleId :

SB-15

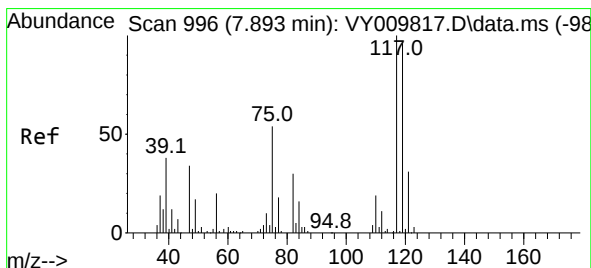
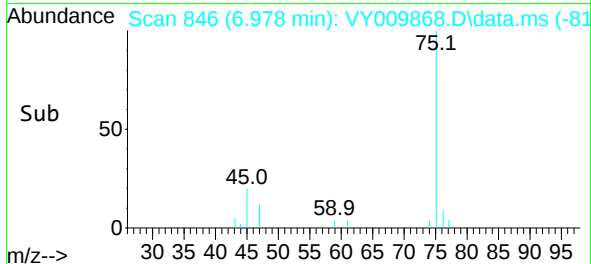
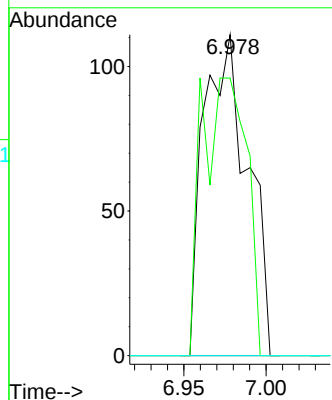
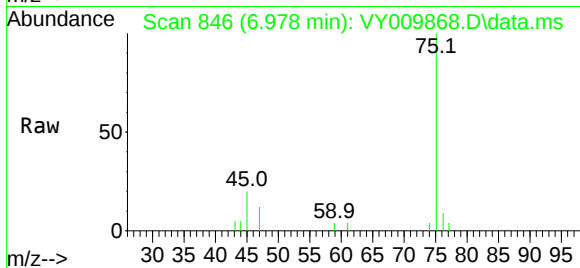
Tgt Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

61 88.3 11.0 16.6#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.148 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY009868.D

Acq: 05 Aug 2022 22:07

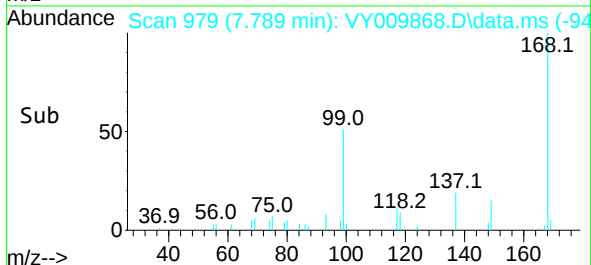
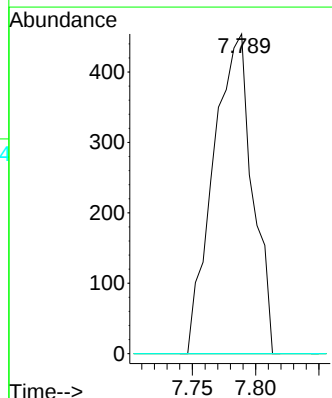
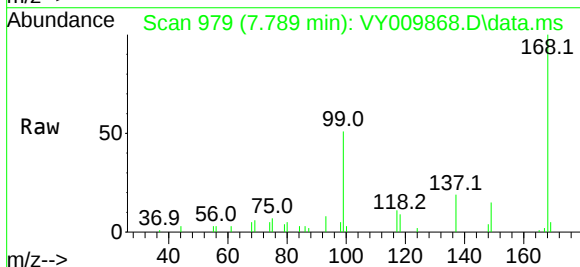
Tgt Ion: 117 Resp: 980

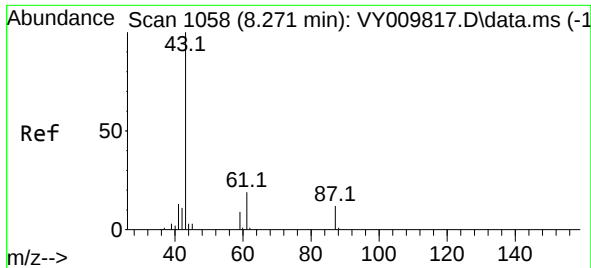
Ion Ratio Lower Upper

117 100

119 0.0 76.8 115.2#

121 0.0 24.9 37.3#

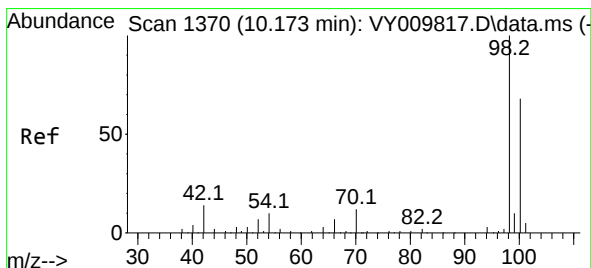
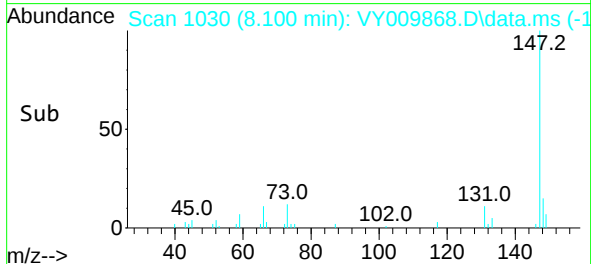
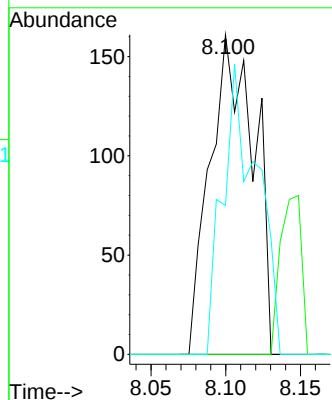
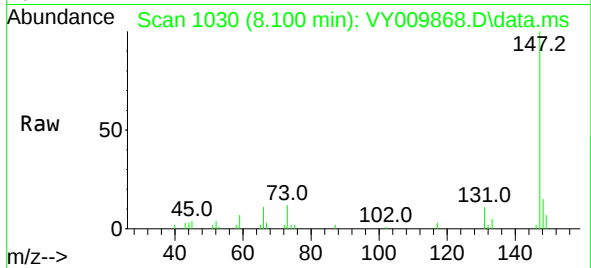




#43
Isopropyl Acetate
Concen: 1.606 ug/l
RT: 8.100 min Scan# 1058
Delta R.T. -0.171 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

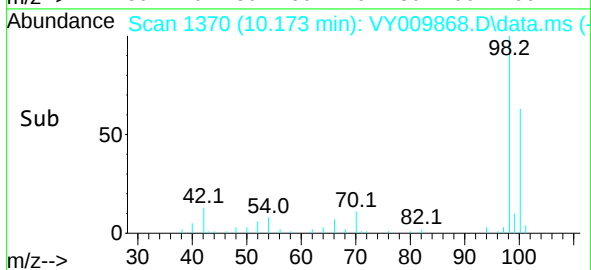
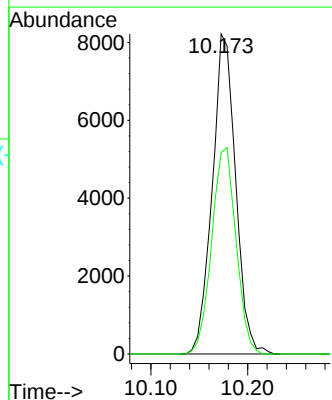
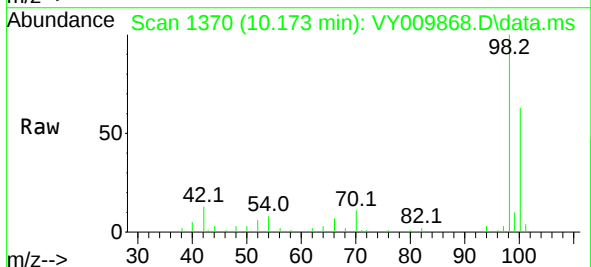
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

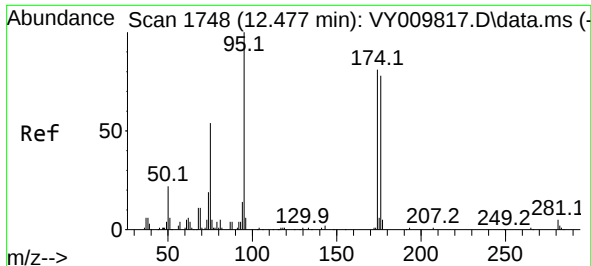
Tgt Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
61 0.0 21.4 32.0#
87 70.3 9.2 13.8#



#50
Toluene-d8
Concen: 41.932 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Tgt Ion: 98 Resp: 13789
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2

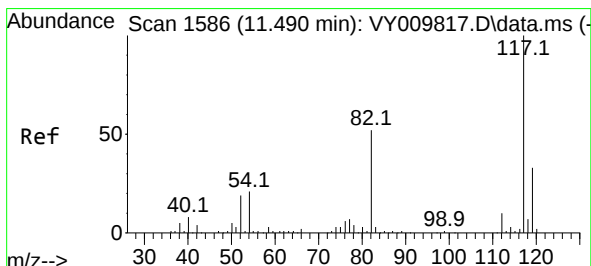
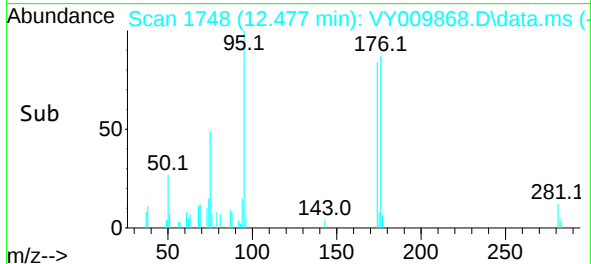
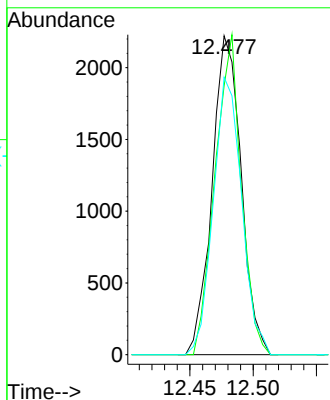
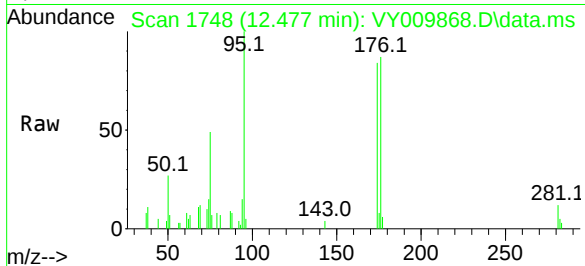




#62
4-Bromofluorobenzene
Concen: 23.987 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

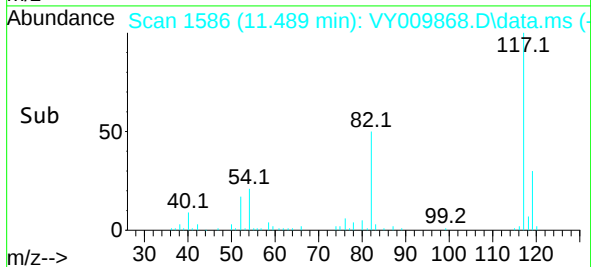
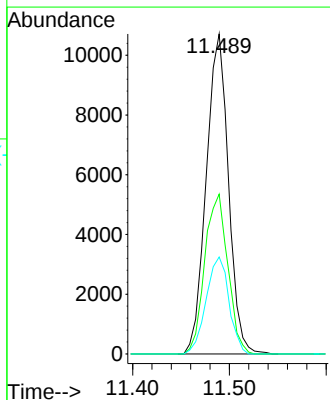
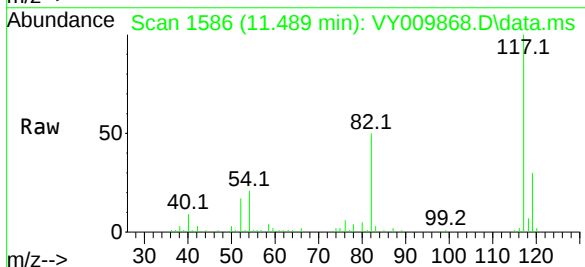
Instrument :
MSVOA_Y
ClientSampleId :
SB-15

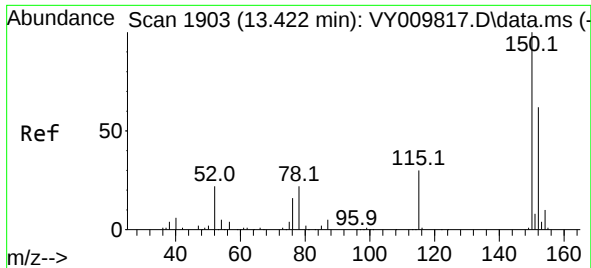
Tgt Ion:	95	Resp:	3544
Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	168.6
176	85.3	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009868.D
Acq: 05 Aug 2022 22:07

Tgt Ion:	117	Resp:	17121
Ion	Ratio	Lower	Upper
117	100		
82	50.0	41.7	62.5
119	30.3	26.6	40.0

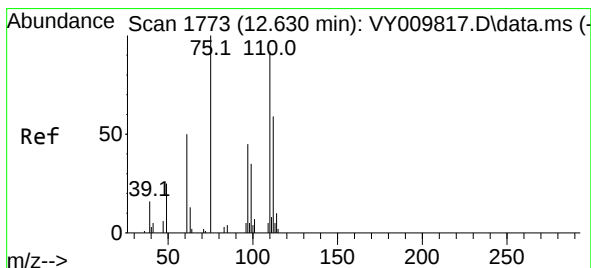
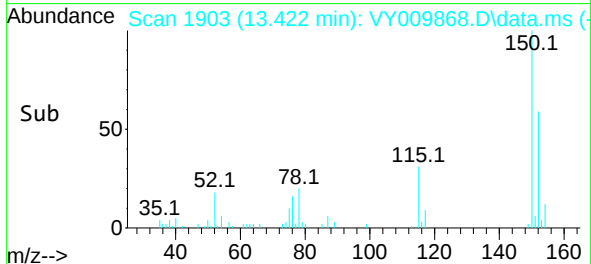
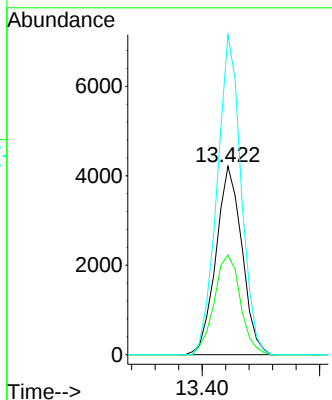
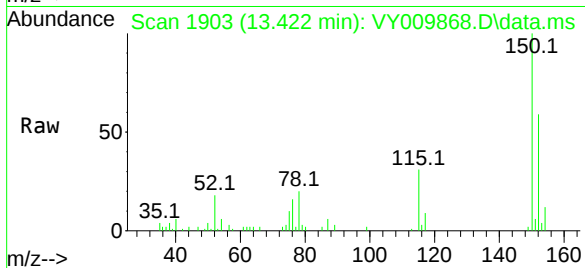




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009868.D
 Acq: 05 Aug 2022 22:07

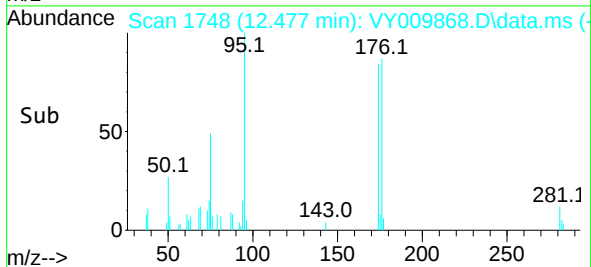
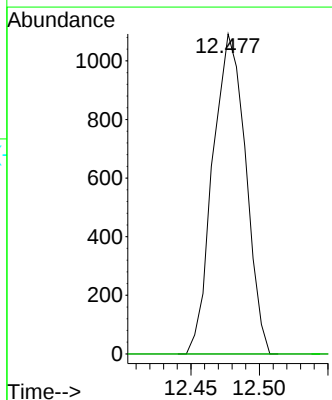
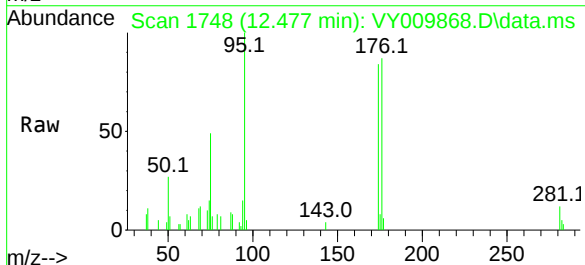
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15

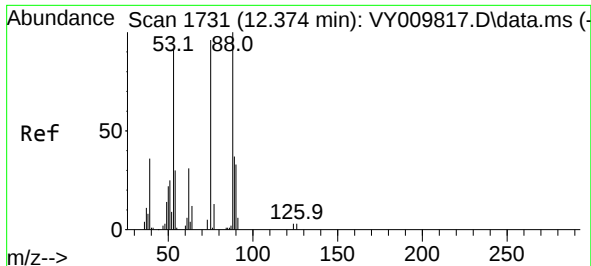
Tgt Ion:152 Resp: 6476
 Ion Ratio Lower Upper
 152 100
 115 53.4 28.9 86.7
 150 156.7 0.0 354.2



#76
 1,2,3-Trichloropropane
 Concen: 24.608 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009868.D
 Acq: 05 Aug 2022 22:07

Tgt Ion: 75 Resp: 1823
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.815 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009868.D
 Acq: 05 Aug 2022 22:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15

Tgt Ion: 75 Resp: 1823
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 35.3 52.9#

