

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073923.D
 Acq On : 02 Aug 2022 13:29
 Operator : VA/SY
 Sample : N3947-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NSB08-14-15

Quant Time: Aug 03 04:11:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

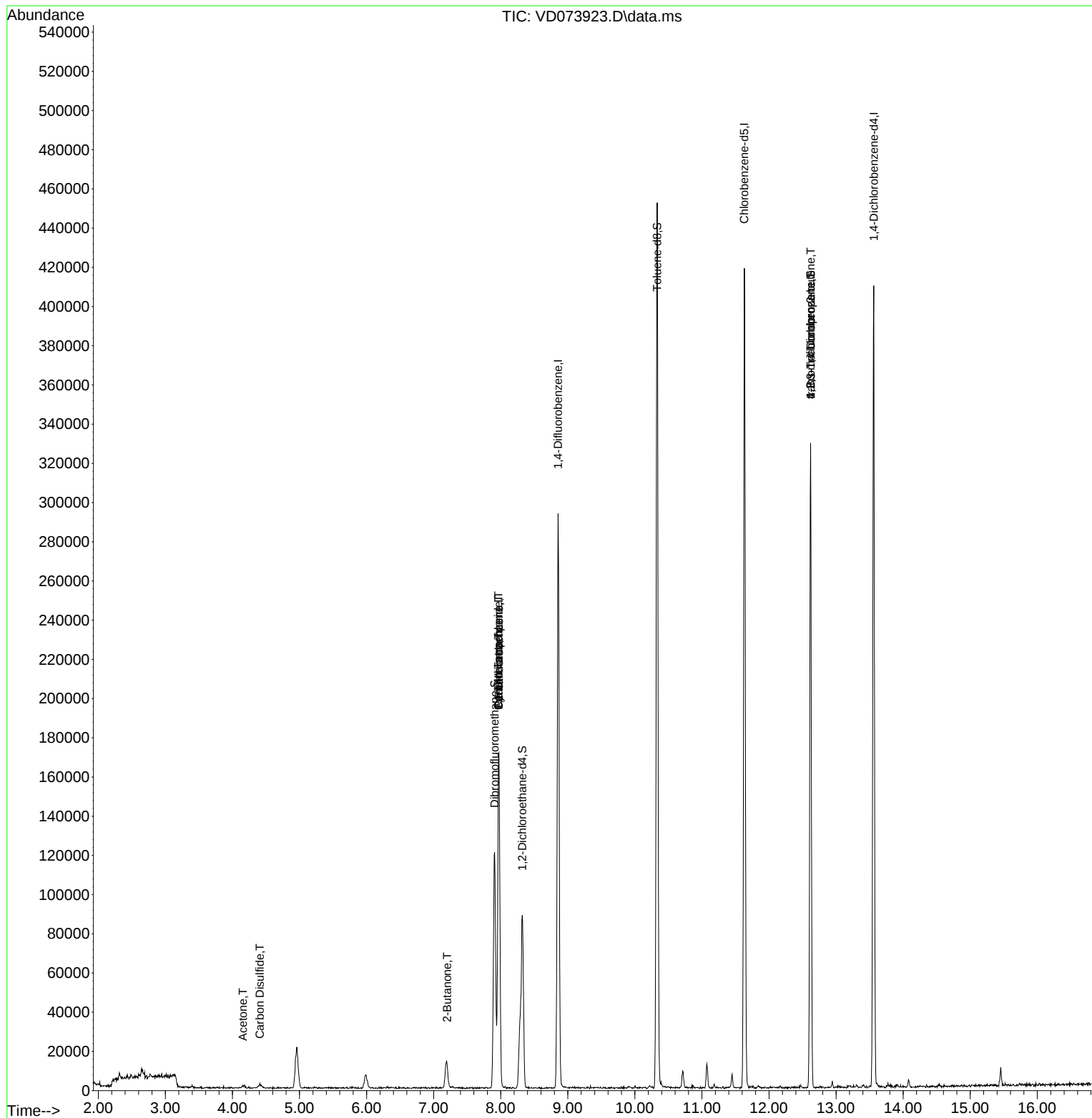
Internal Standards						
1) Pentafluorobenzene	7.973	168	125079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	251632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	230506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	107733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	67811	67.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.020%
35) Dibromofluoromethane	7.908	113	84640	54.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.280%
50) Toluene-d8	10.332	98	305418	57.994	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.980%
62) 4-Bromofluorobenzene	12.620	95	101351	52.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.997	85	774	Below Cal	#	43
11) Tert butyl alcohol	5.220	59	55	Below Cal	#	75
16) Acetone	4.156	43	1138	13.933	ug/l #	80
17) Carbon Disulfide	4.409	76	3675	2.811	ug/l #	91
18) Methyl Acetate	4.532	43	53	Below Cal	#	48
20) Methylene Chloride	4.956	84	15590	Below Cal	#	89
25) 2-Butanone	7.203	43	890	2.915	ug/l #	46
31) Cyclohexane	7.967	56	3418	1.765	ug/l #	31
36) 1,1-Dichloropropene	7.967	75	10555	4.740	ug/l #	46
38) Carbon Tetrachloride	7.967	117	14030	5.624	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	55884	69.977	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	55884	148.821	ug/l #	13

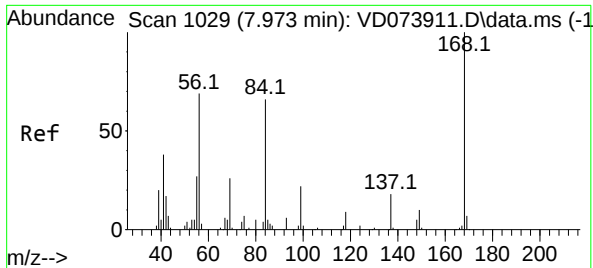
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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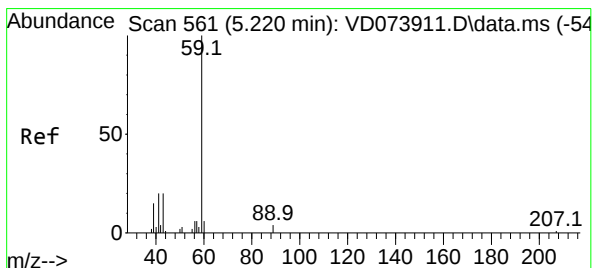
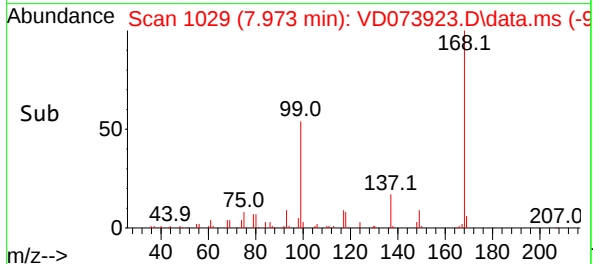
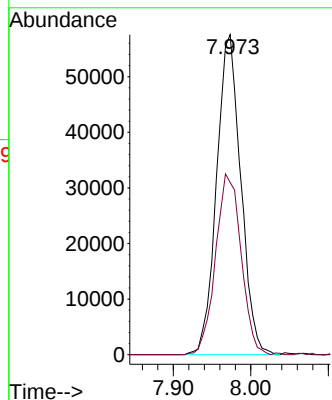
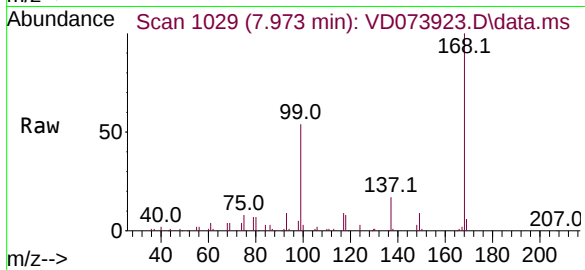




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

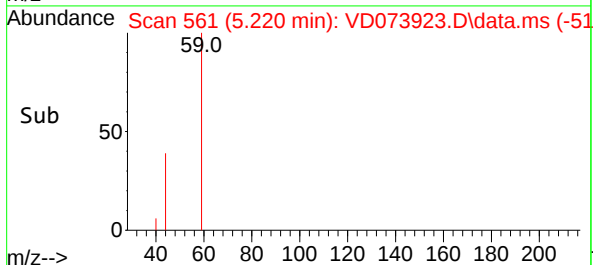
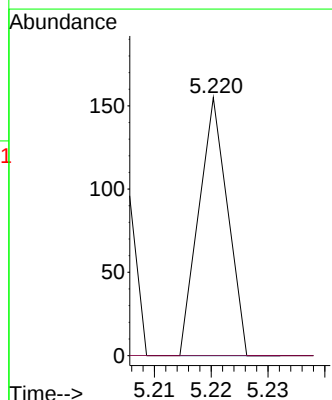
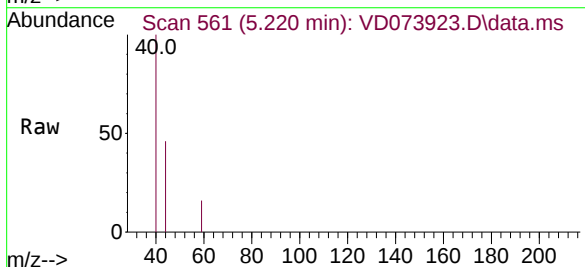
Instrument :
MSVOA_D
ClientSampleId :
NSB08-14-15

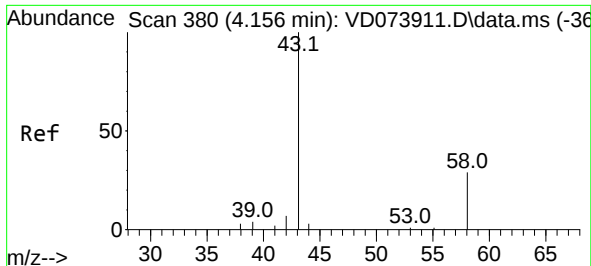
Tgt Ion:168 Resp: 125079
Ion Ratio Lower Upper
168 100
99 53.8 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#16

Acetone

Concen: 13.933 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

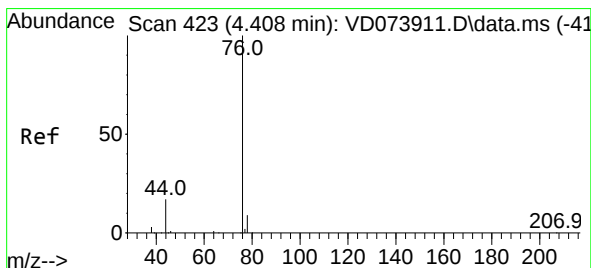
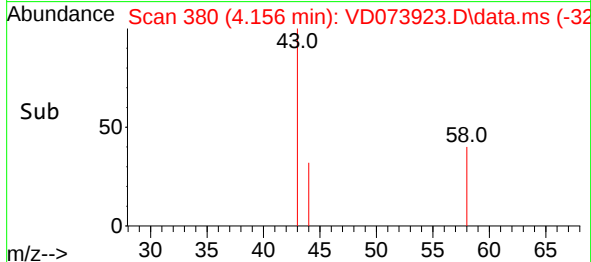
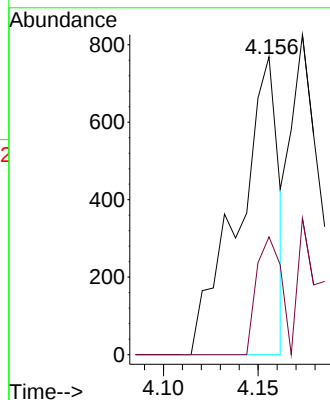
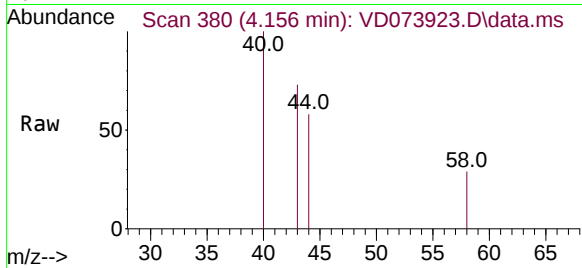
NSB08-14-15

Tgt Ion: 43 Resp: 1138

Ion Ratio Lower Upper

43 100

58 39.5 23.0 34.6#



#17

Carbon Disulfide

Concen: 2.811 ug/l

RT: 4.409 min Scan# 423

Delta R.T. 0.001 min

Lab File: VD073923.D

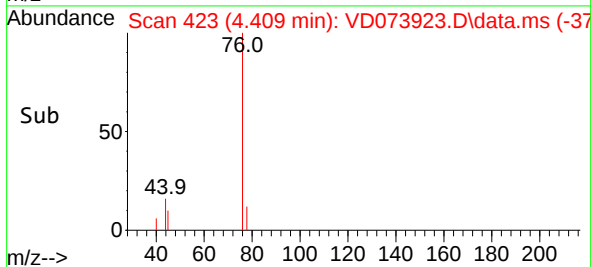
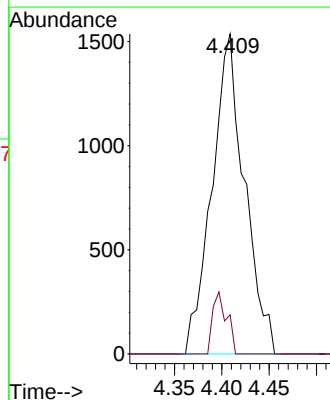
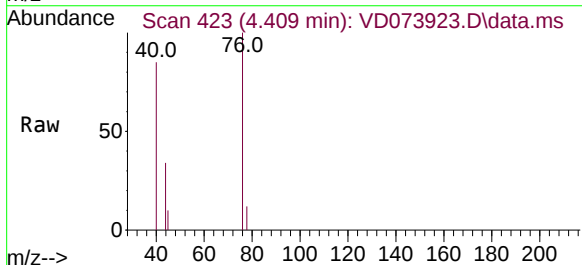
Acq: 02 Aug 2022 13:29

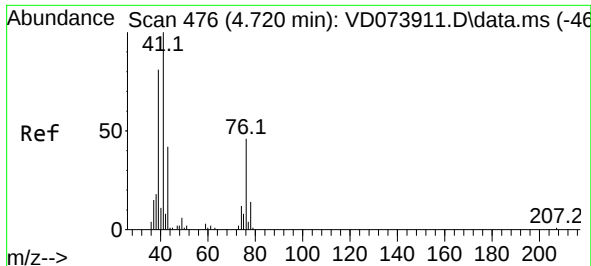
Tgt Ion: 76 Resp: 3675

Ion Ratio Lower Upper

76 100

78 12.2 7.3 10.9#

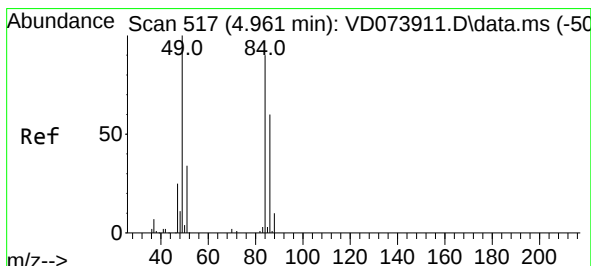
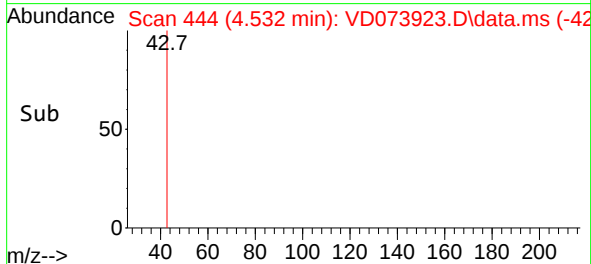
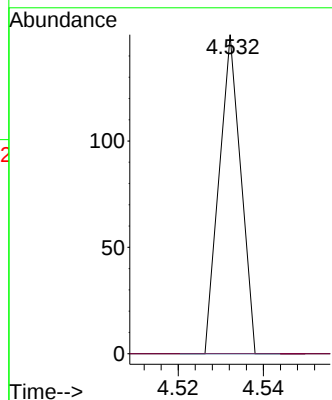
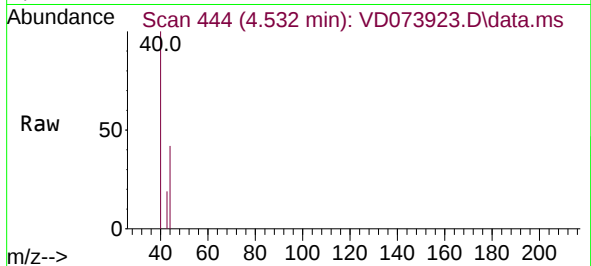




#18
Methyl Acetate
Concen: Below Cal
RT: 4.532 min Scan# 444
Delta R.T. -0.188 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

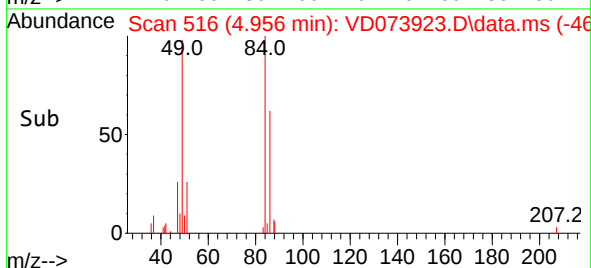
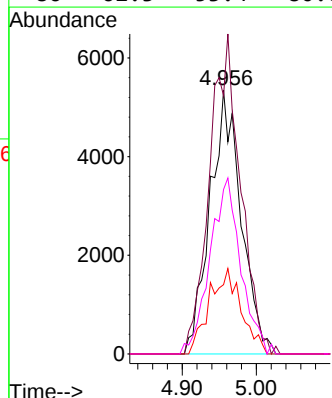
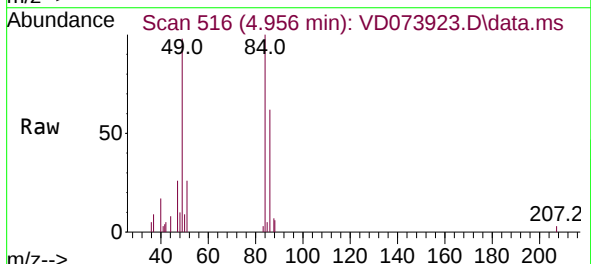
Instrument :
MSVOA_D
ClientSampleId :
NSB08-14-15

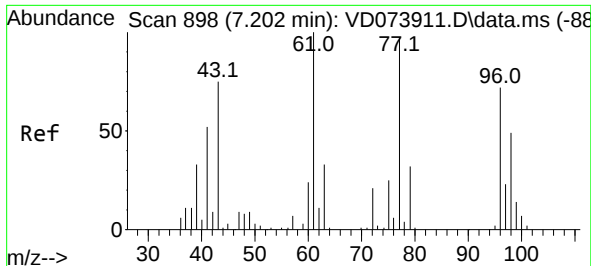
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

Tgt Ion: 84 Resp: 15590
Ion Ratio Lower Upper
84 100
49 97.9 89.1 133.7
51 26.3 29.8 44.8#
86 62.3 53.4 80.0





#25

2-Butanone

Concen: 2.915 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

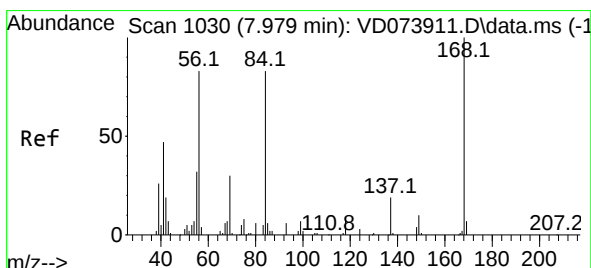
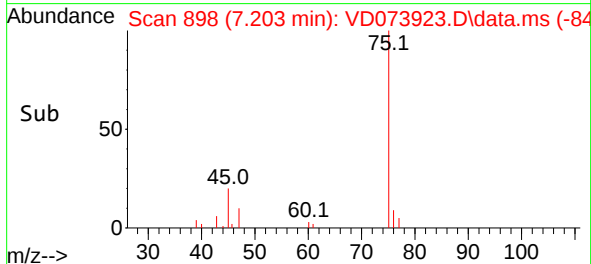
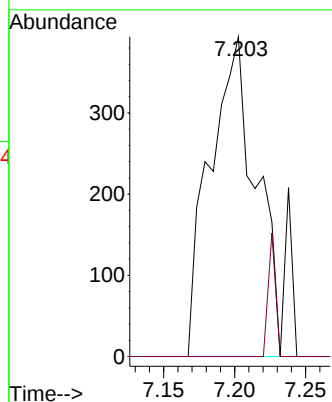
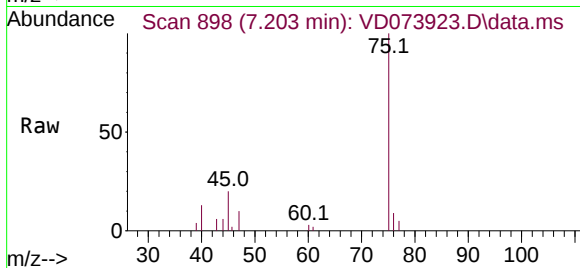
NSB08-14-15

Tgt Ion: 43 Resp: 890

Ion Ratio Lower Upper

43 100

72 0.0 22.7 34.1#



#31

Cyclohexane

Concen: 1.765 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

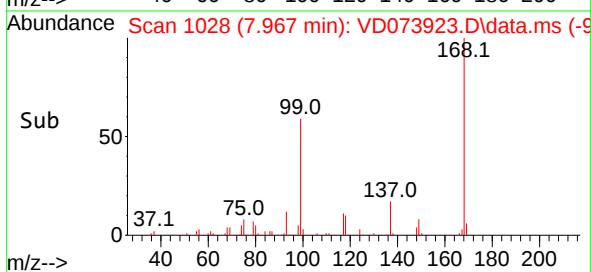
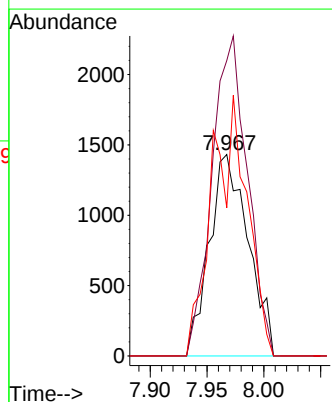
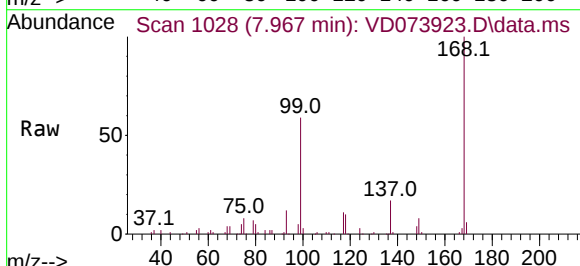
Tgt Ion: 56 Resp: 3418

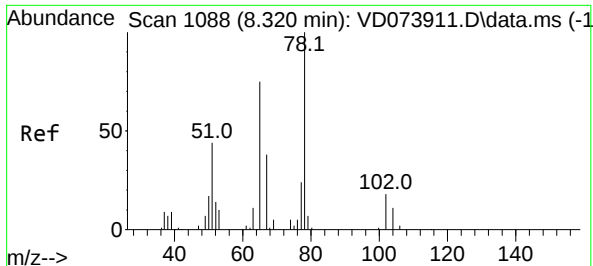
Ion Ratio Lower Upper

56 100

69 146.6 29.2 43.8#

84 73.5 80.0 120.0#





#33

1,2-Dichloroethane-d4

Concen: 67.511 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

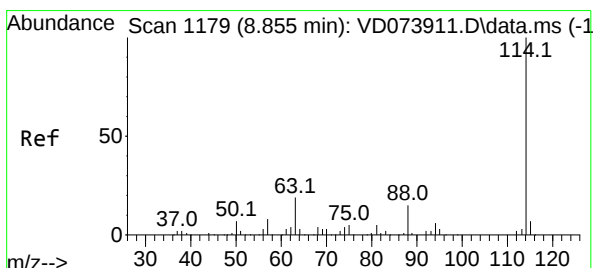
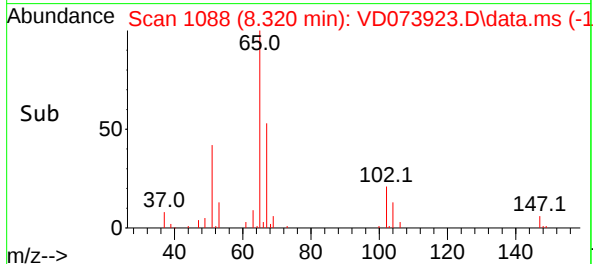
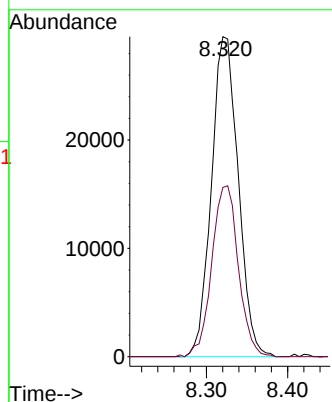
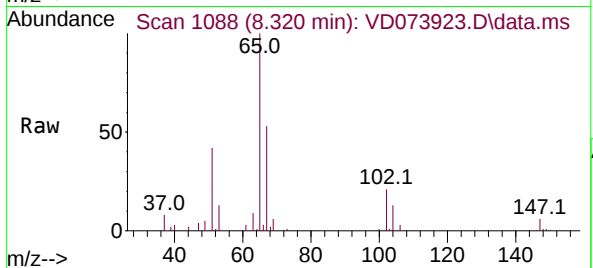
NSB08-14-15

Tgt Ion: 65 Resp: 67811

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

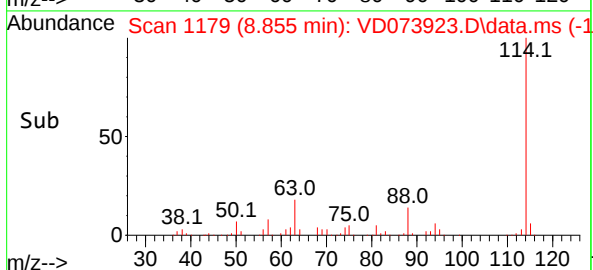
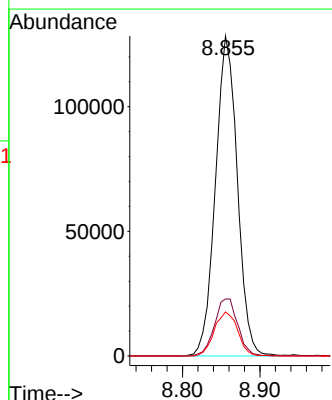
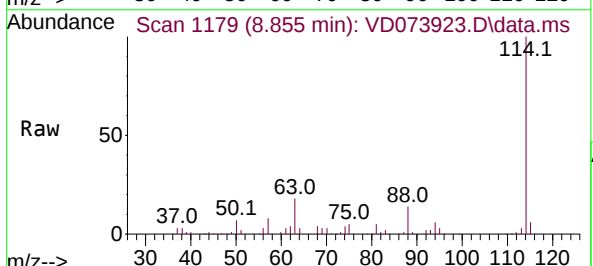
Tgt Ion: 114 Resp: 251632

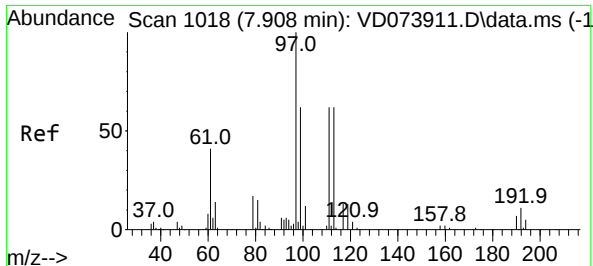
Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.6

88 13.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.137 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

NSB08-14-15

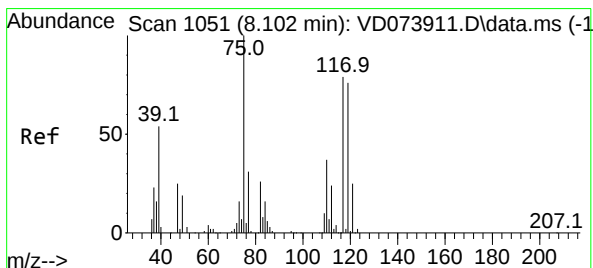
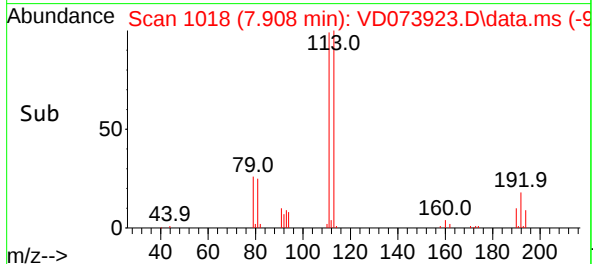
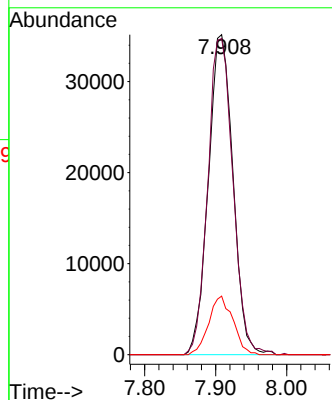
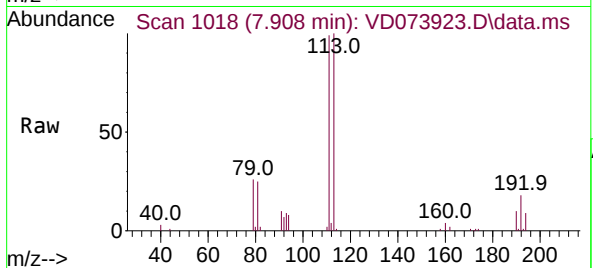
Tgt Ion:113 Resp: 84640

Ion Ratio Lower Upper

113 100

111 100.7 83.7 125.5

192 18.0 15.0 22.6



#36

1,1-Dichloropropene

Concen: 4.740 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD073923.D

Acq: 02 Aug 2022 13:29

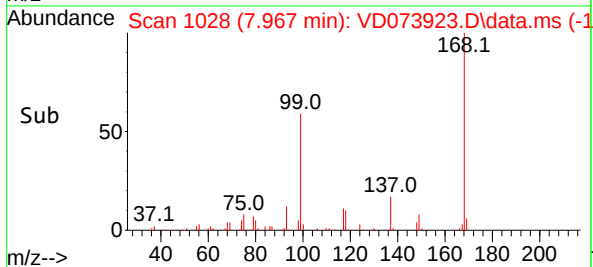
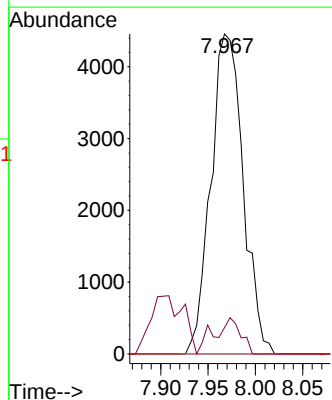
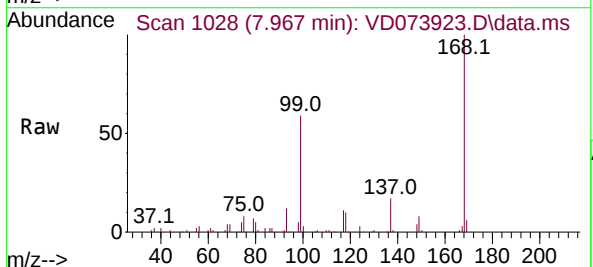
Tgt Ion: 75 Resp: 10555

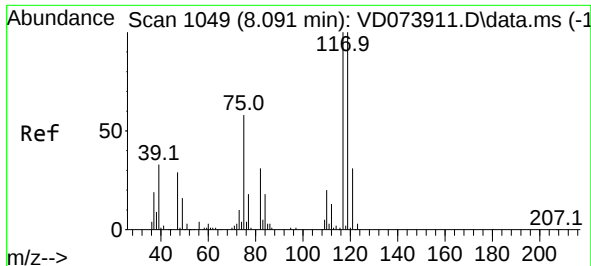
Ion Ratio Lower Upper

75 100

110 5.8 18.1 54.1#

77 0.0 24.7 37.1#

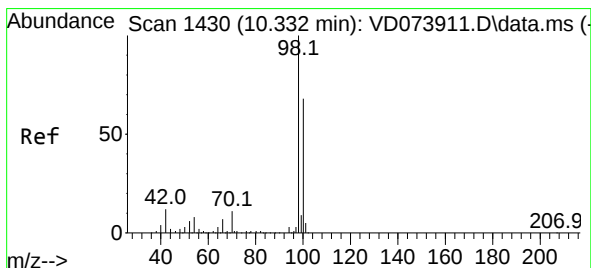
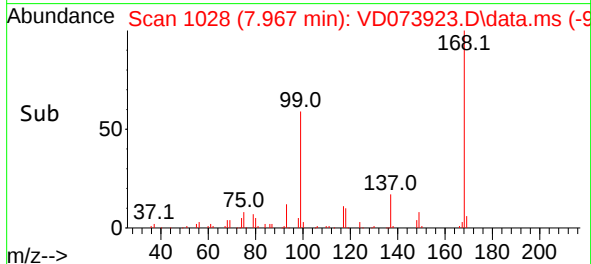
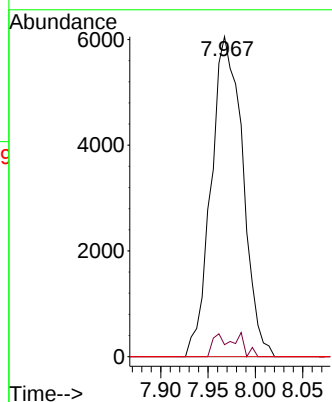
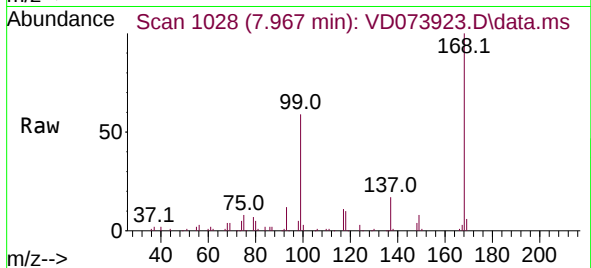




#38
Carbon Tetrachloride
Concen: 5.624 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.123 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

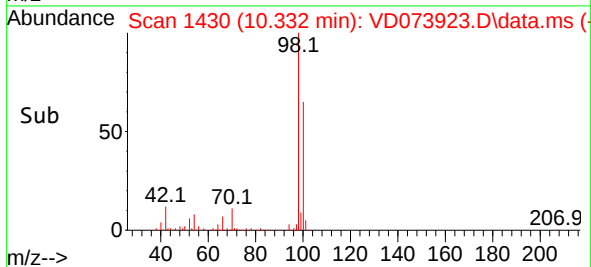
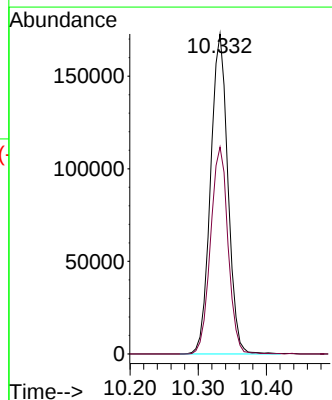
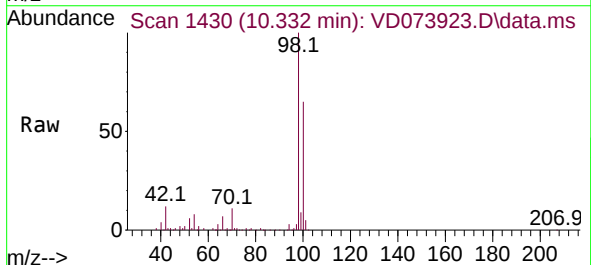
Instrument :
MSVOA_D
ClientSampleId :
NSB08-14-15

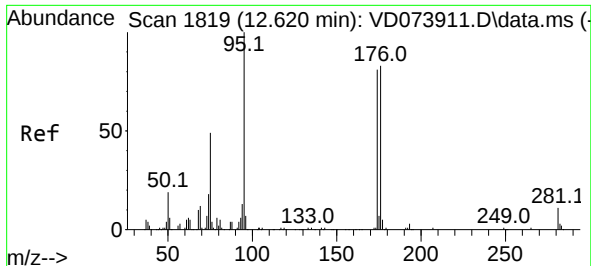
Tgt Ion:117 Resp: 14030
Ion Ratio Lower Upper
117 100
119 3.8 79.6 119.4#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 57.994 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

Tgt Ion: 98 Resp: 305418
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

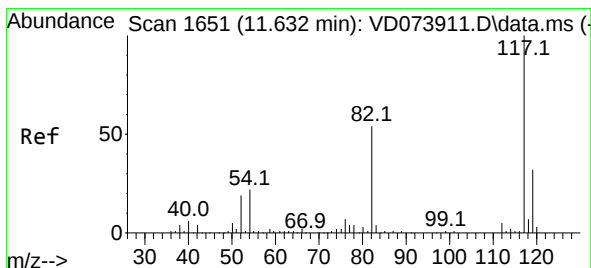
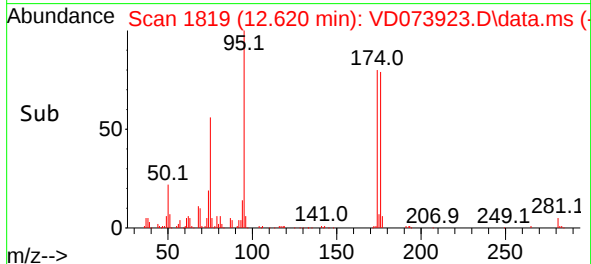
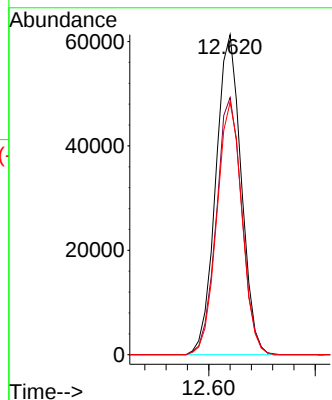
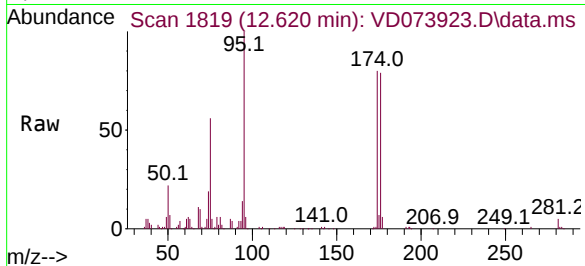




#62
4-Bromofluorobenzene
Concen: 52.333 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

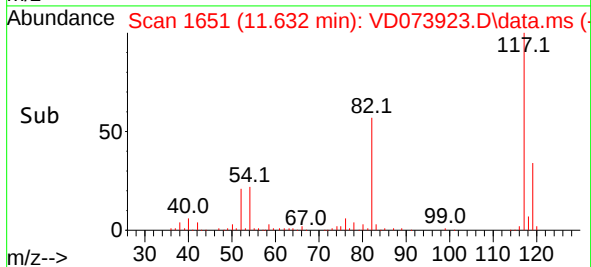
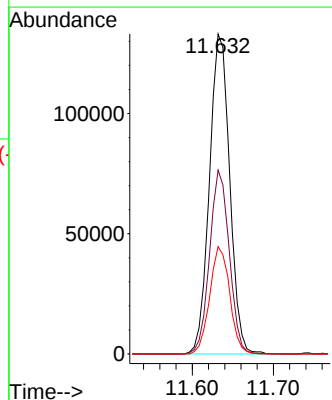
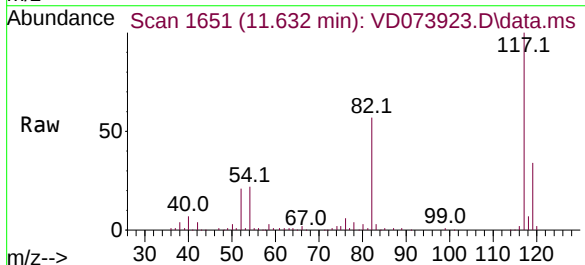
Instrument :
MSVOA_D
ClientSampleId :
NSB08-14-15

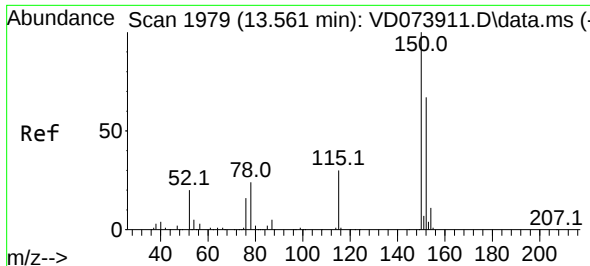
Tgt Ion: 95 Resp: 101351
Ion Ratio Lower Upper
95 100
174 80.8 0.0 164.2
176 78.0 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073923.D
Acq: 02 Aug 2022 13:29

Tgt Ion: 117 Resp: 230506
Ion Ratio Lower Upper
117 100
82 57.4 43.3 64.9
119 33.5 25.8 38.8

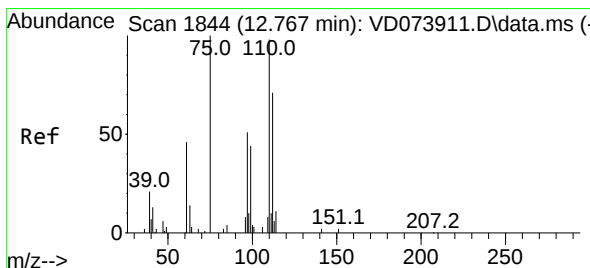
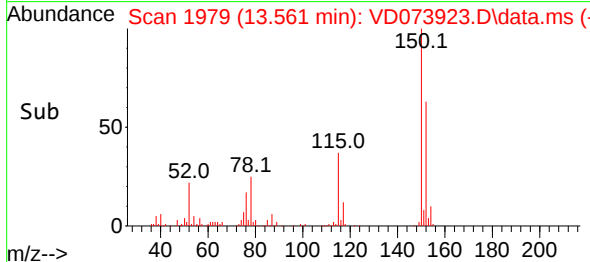
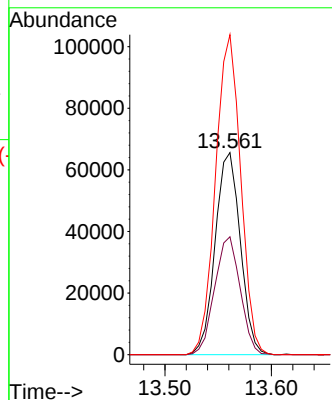
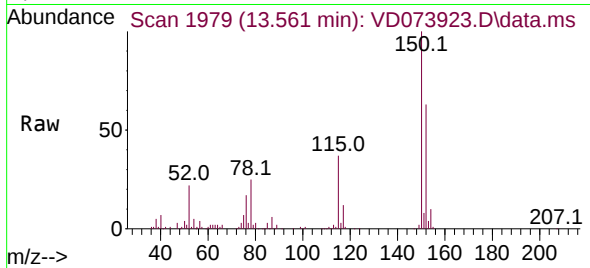




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073923.D
 Acq: 02 Aug 2022 13:29

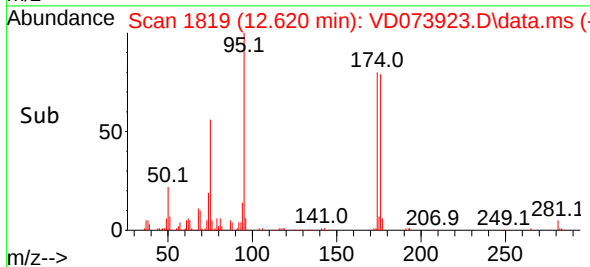
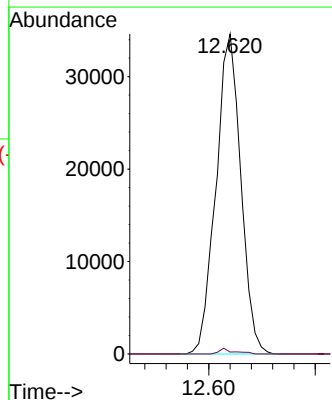
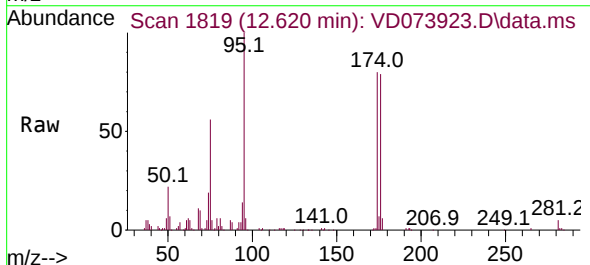
Instrument :
 MSVOA_D
 ClientSampleId :
 NSB08-14-15

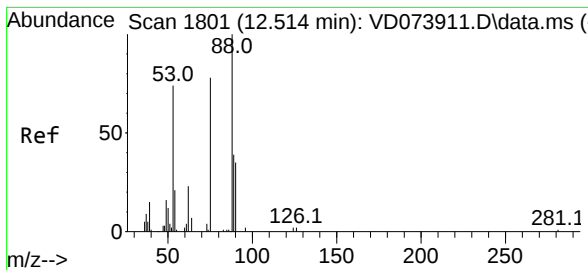
Tgt Ion:152 Resp: 107733
 Ion Ratio Lower Upper
 152 100
 115 59.1 29.1 87.3
 150 158.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 69.977 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073923.D
 Acq: 02 Aug 2022 13:29

Tgt Ion: 75 Resp: 55884
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.821 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073923.D
 Acq: 02 Aug 2022 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 NSB08-14-15

Tgt Ion: 75 Resp: 55884
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.6 107.4#
 89 0.0 39.8 59.6#

