

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030922.D
 Acq On : 28 Apr 2023 15:44
 Operator : SY/MD
 Sample : 02488-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

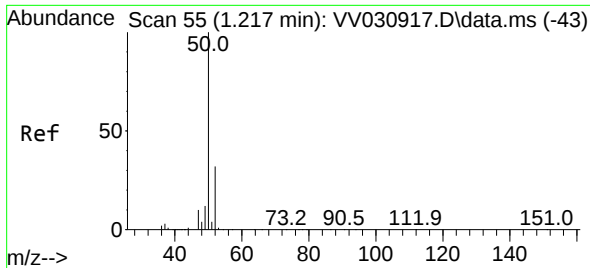
Instrument :
 MSVOA_V
 ClientSampleId :
 BHE70

Quant Time: Apr 29 01:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 01:06:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	124007	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122464	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59674	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	55538	5.436	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.800%
7) Chloroethane-d5	1.535	69	46530	5.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.600%
11) 1,1-Dichloroethene-d2	2.063	65	28014	5.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.838	46	89034	49.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.280%
24) Chloroform-d	4.259	84	107802	5.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	4.953	65	58220	5.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	4.969	84	193857	5.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
36) 1,2-Dichloropropane-d6	5.998	67	54667	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.252	98	167844	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.561	79	20069	5.129	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.600%
46) 2-Hexanone-d5	8.037	63	68393	49.890	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.780%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39147	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	64595	5.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						Qvalue
3) Chloromethane	1.220	50	1168	0.102	ug/L	91
6) Bromomethane	1.490	94	574	0.125	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1342	0.148	ug/L #	24
35) Methylcyclohexane	5.998	83	14051	1.104	ug/L #	19
37) 1,2-Dichloropropane	5.998	63	7072	0.968	ug/L #	86
39) cis-1,3-Dichloropropene	6.921	75	1846	0.169	ug/L #	47
42) Toluene	7.336	91	3079	0.093	ug/L	83
48) 2-Hexanone	8.095	43	8414	2.898	ug/L #	89
61) 1,2,3-Trichloropropane	11.191	75	6535	1.743	ug/L #	57
71) Naphthalene	13.455	128	1559	0.108	ug/L #	90

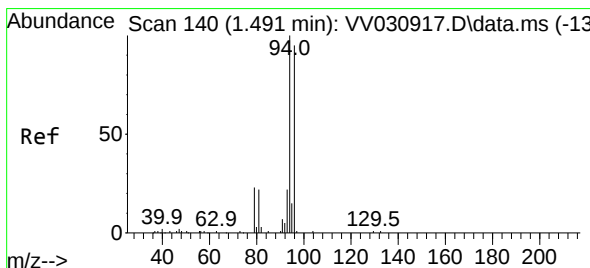
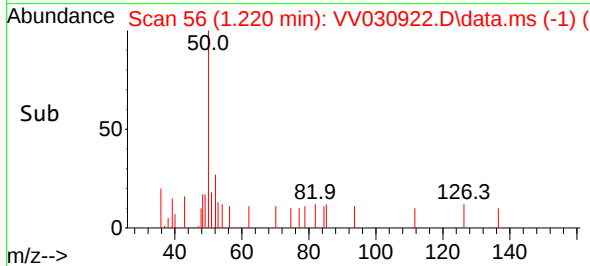
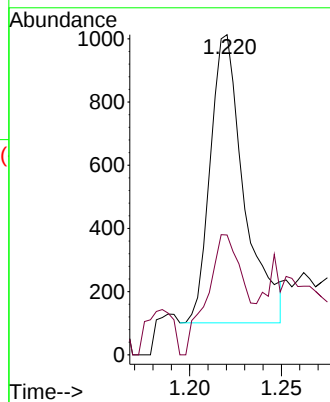
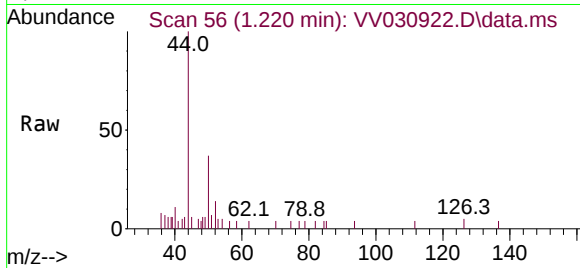
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV030922.D
Acq: 28 Apr 2023 15:44

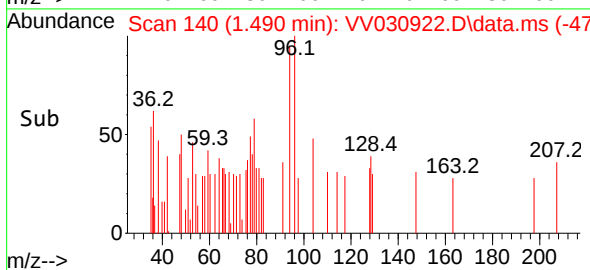
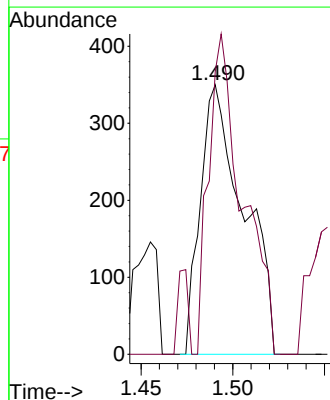
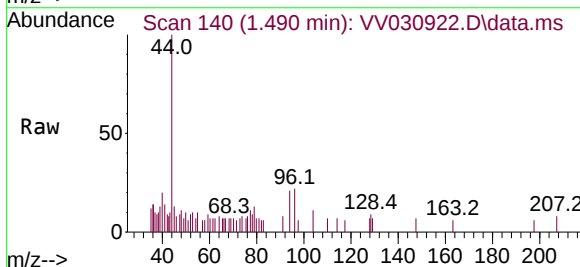
Instrument :
MSVOA_V
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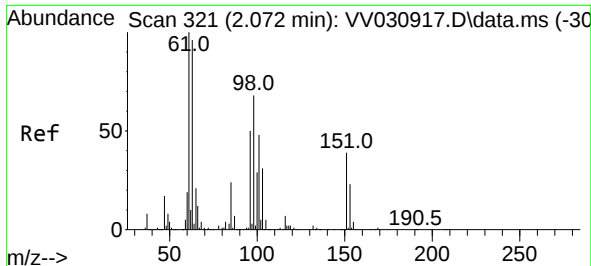
Tgt Ion: 50 Resp: 1168
Ion Ratio Lower Upper
50 100
52 37.4 22.8 42.4



#6
Bromomethane
Concen: 0.125 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV030922.D
Acq: 28 Apr 2023 15:44

Tgt Ion: 94 Resp: 574
Ion Ratio Lower Upper
94 100
96 104.9 63.4 117.8

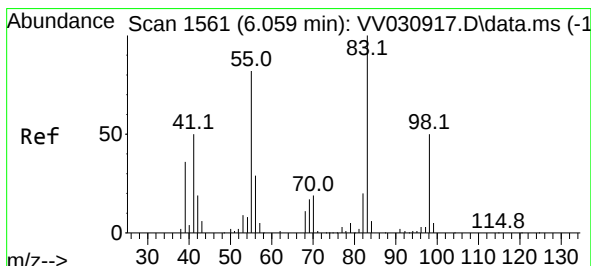
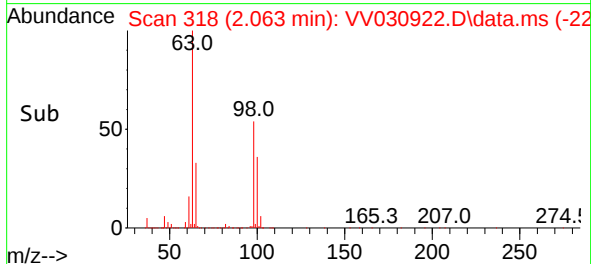
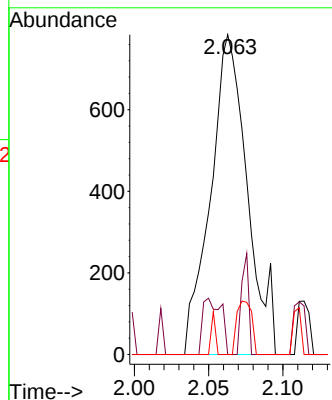
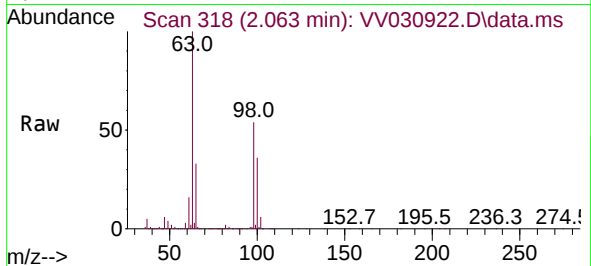




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.148 ug/L
RT: 2.063 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV030922.D
Acq: 28 Apr 2023 15:44

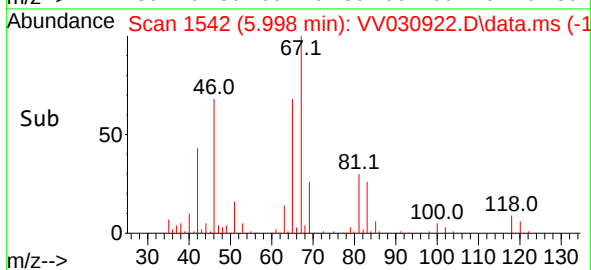
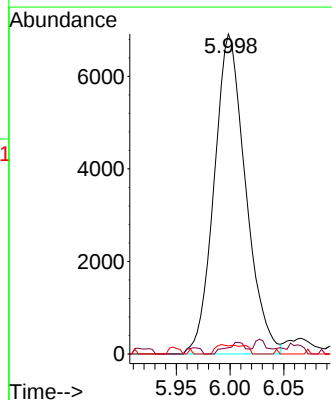
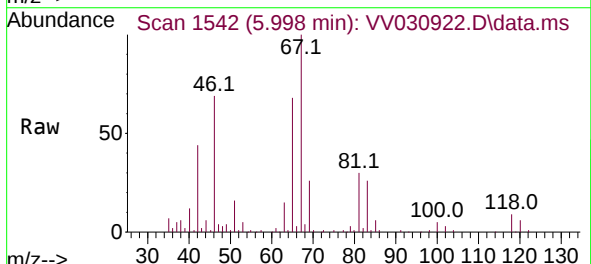
Instrument :
MSVOA_V
ClientSampleId :
BHE70

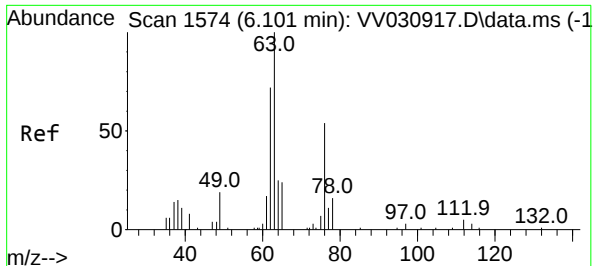
Tgt Ion:101 Resp: 1342
Ion Ratio Lower Upper
101 100
85 6.1 38.7 58.1#
151 6.8 65.1 97.7#



#35
Methylcyclohexane
Concen: 1.104 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.061 min
Lab File: VV030922.D
Acq: 28 Apr 2023 15:44

Tgt Ion: 83 Resp: 14051
Ion Ratio Lower Upper
83 100
55 2.1 62.9 94.3#
98 1.2 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 0.968 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030922.D

Acq: 28 Apr 2023 15:44

Instrument :

MSVOA_V

ClientSampleId :

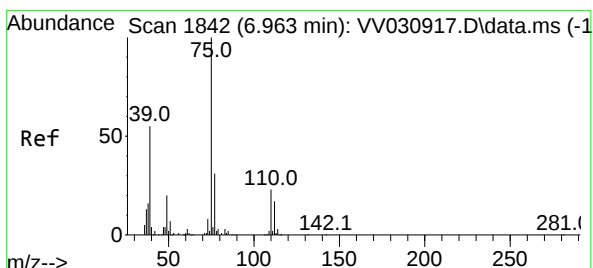
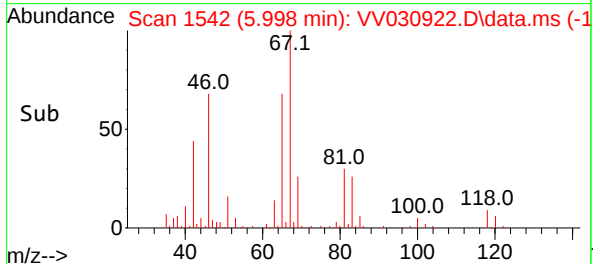
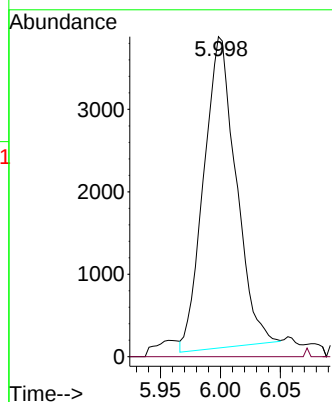
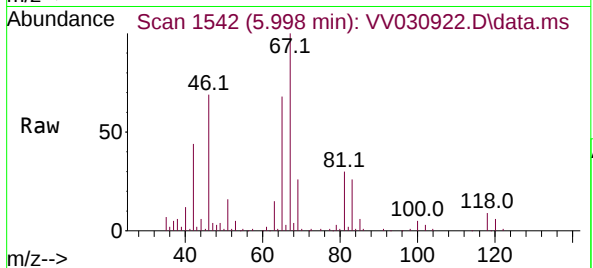
BHE70

Tgt Ion: 63 Resp: 7072

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.169 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV030922.D

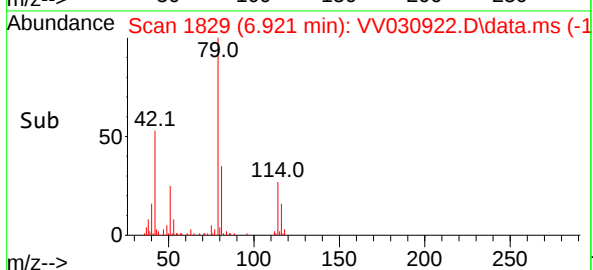
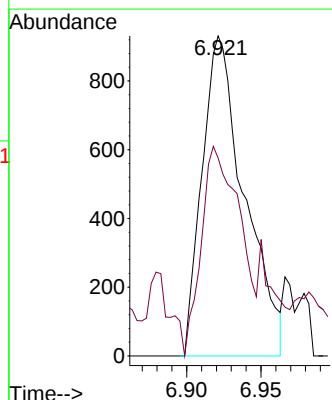
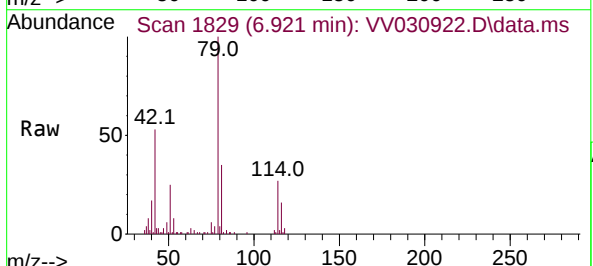
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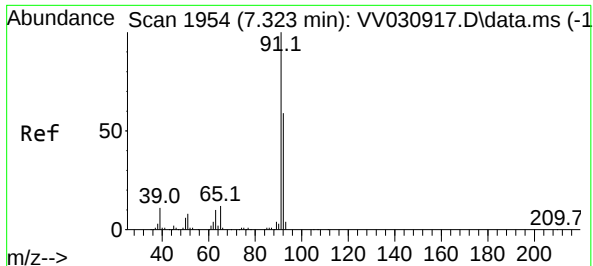
Tgt Ion: 75 Resp: 1846

Ion Ratio Lower Upper

75 100

77 61.9 22.6 42.0#





#42

Toluene

Concen: 0.093 ug/L

RT: 7.336 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV030922.D

Acq: 28 Apr 2023 15:44

Instrument :

MSVOA_V

ClientSampleId :

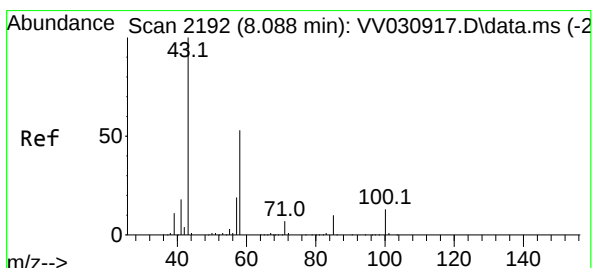
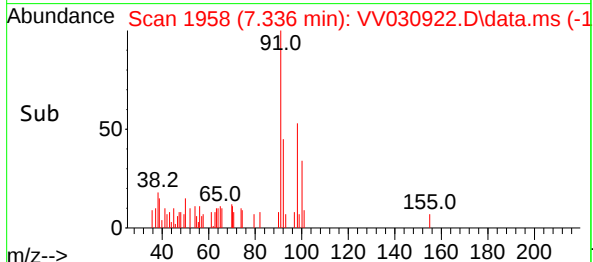
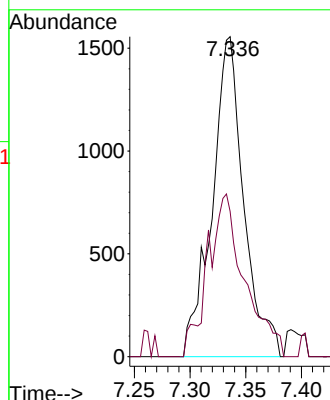
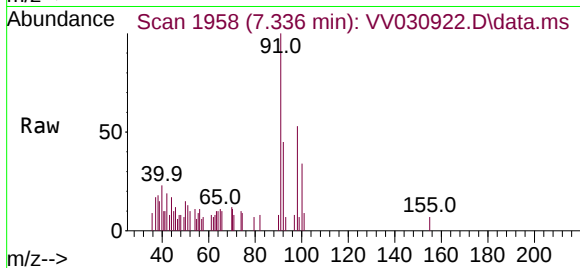
BHE70

Tgt Ion: 91 Resp: 3079

Ion Ratio Lower Upper

91 100

92 45.4 40.5 75.1



#48

2-Hexanone

Concen: 2.898 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. 0.006 min

Lab File: VV030922.D

Acq: 28 Apr 2023 15:44

Tgt Ion: 43 Resp: 8414

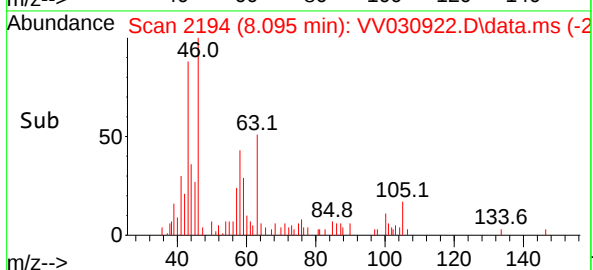
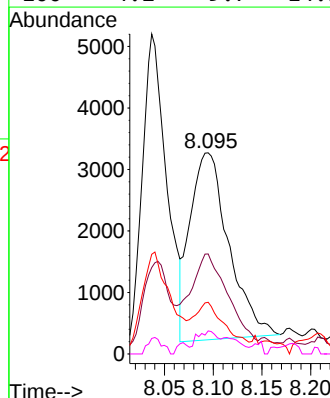
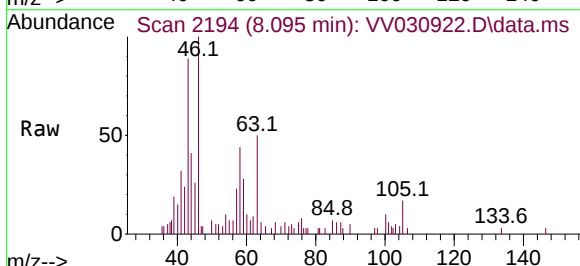
Ion Ratio Lower Upper

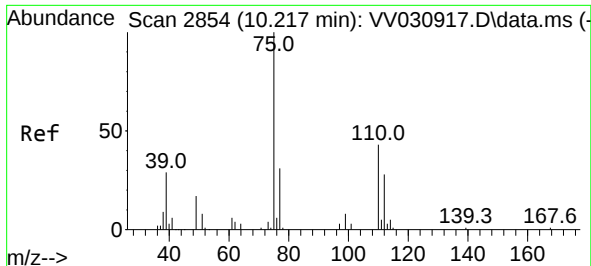
43 100

58 56.3 39.9 59.9

57 22.5 14.1 21.1#

100 4.2 9.7 14.5#

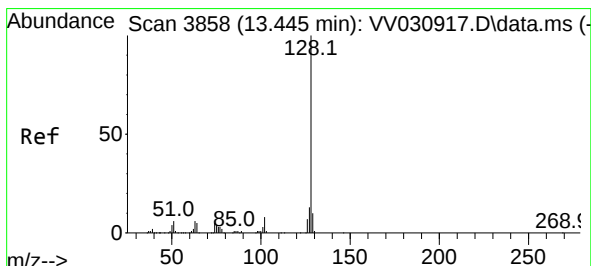
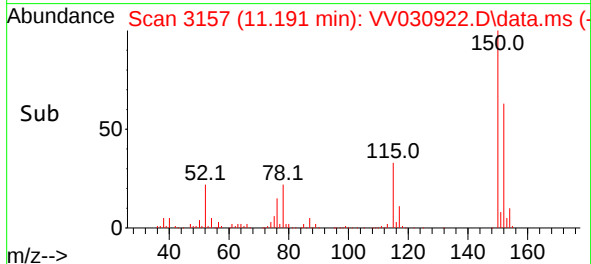
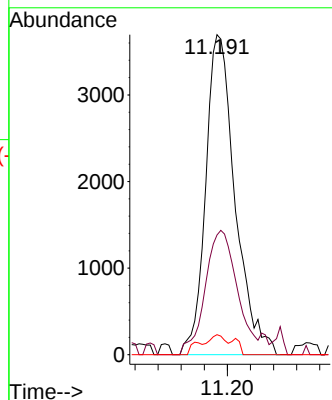
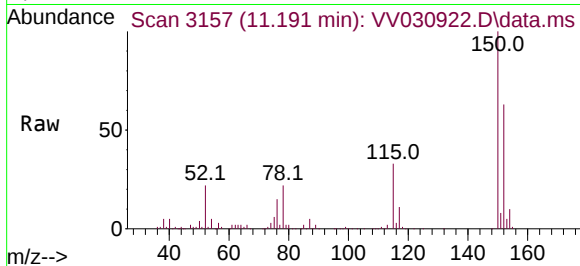




#61
1,2,3-Trichloropropane
Concen: 1.743 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.974 min
Lab File: VV030922.D
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Instrument :
MSVOA_V
ClientSampleId :
BHE70

Tgt Ion: 75 Resp: 6535
Ion Ratio Lower Upper
75 100
77 42.2 25.3 37.9#
110 3.7 34.0 51.0#



#71
Naphthalene
Concen: 0.108 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.010 min
Lab File: VV030922.D
Acq: 28 Apr 2023 15:44

Tgt Ion: 128 Resp: 1559
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 7.2 10.6 16.0#

