

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041323\
 Data File : VV030535.D
 Acq On : 13 Apr 2023 11:10
 Operator : SY/MD
 Sample : 02250-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDx7

Quant Time: Apr 14 05:18:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

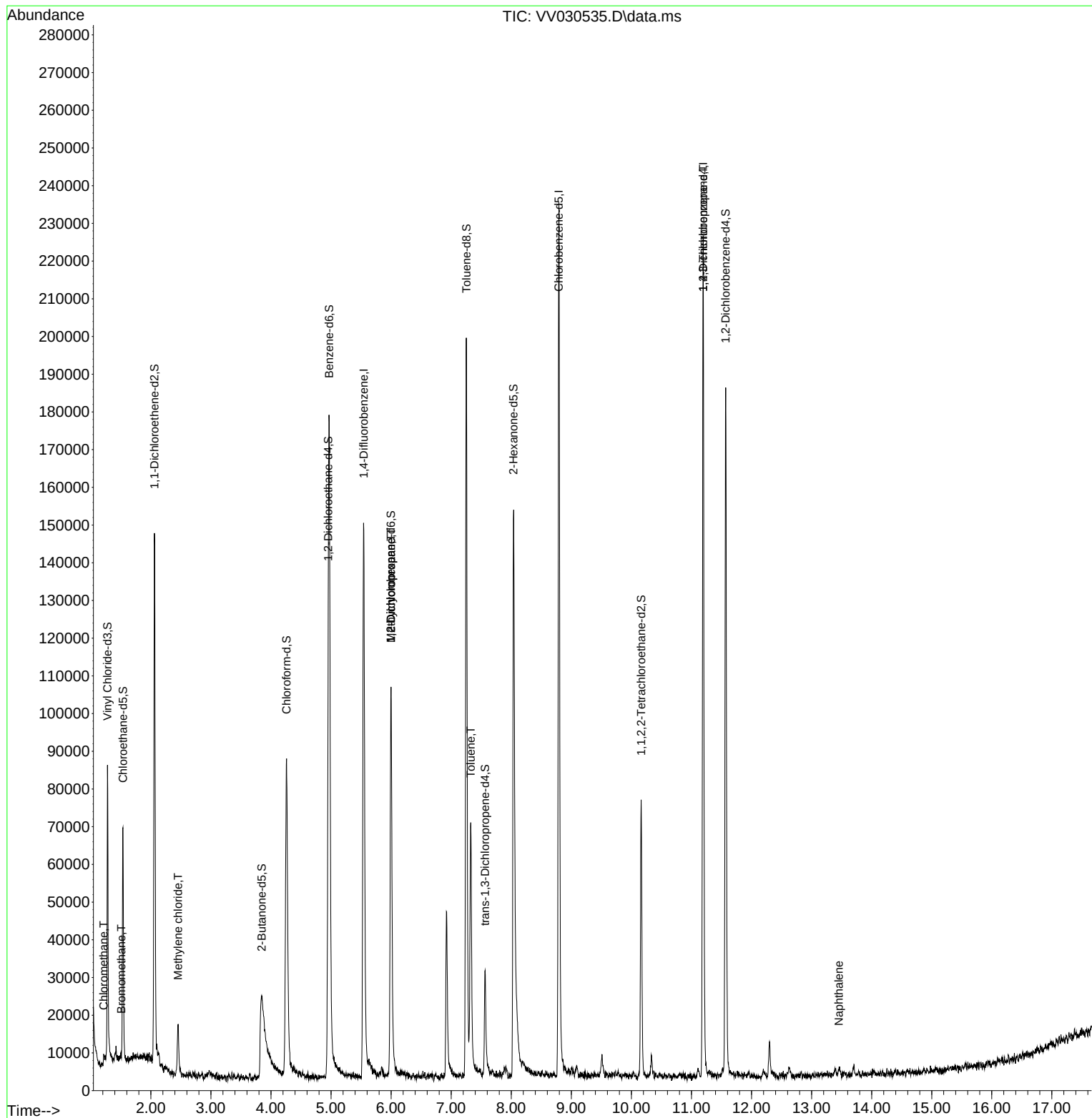
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126435	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52575	6.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.600%
7) Chloroethane-d5	1.535	69	40527	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.059	63	75959	3.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.844	46	68810	31.792	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.580%
24) Chloroform-d	4.259	84	85718	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	4.953	65	43516	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	4.969	84	151309	4.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	5.998	67	47201	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.252	98	131733	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.564	79	16062	3.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.037	63	58415	34.696	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.400%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32867	3.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	47524	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2159	0.106	ug/L	95
6) Bromomethane	1.510	94	399	0.095	ug/L	71
16) Methylene chloride	2.452	84	5534	0.443	ug/L	93
35) Methylcyclohexane	5.998	83	11663	0.615	ug/L #	16
37) 1,2-Dichloropropane	5.998	63	6500	0.565	ug/L #	86
42) Toluene	7.326	91	48747	1.022	ug/L	99
61) 1,2,3-Trichloropropane	11.194	75	7344	1.385	ug/L #	64
71) Naphthalene	13.455	128	1236	0.067	ug/L #	78

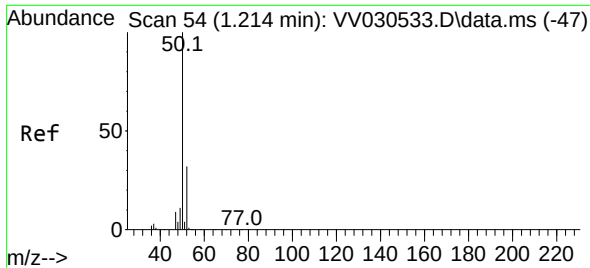
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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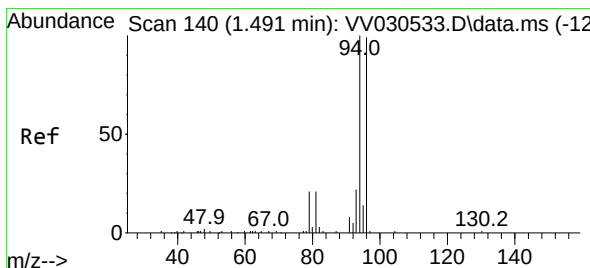
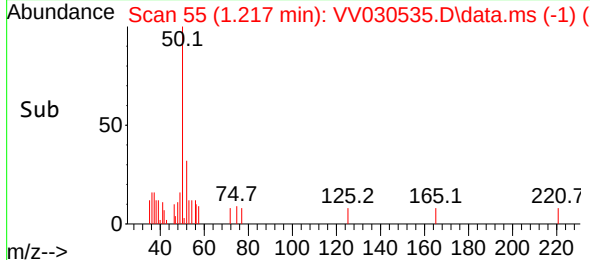
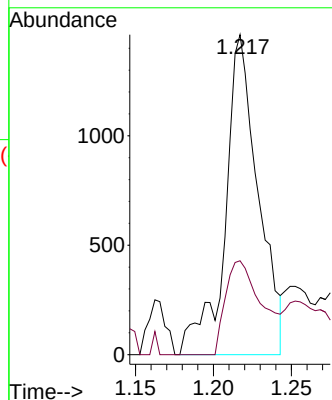
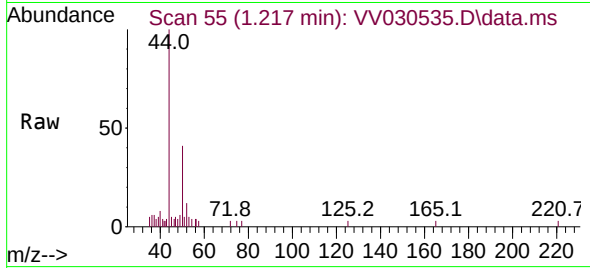




#3
Chloromethane
Concen: 0.106 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030535.D
Acq: 13 Apr 2023 11:10

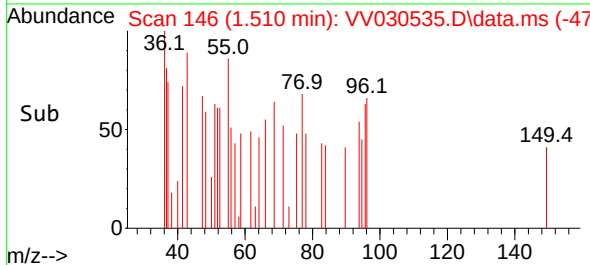
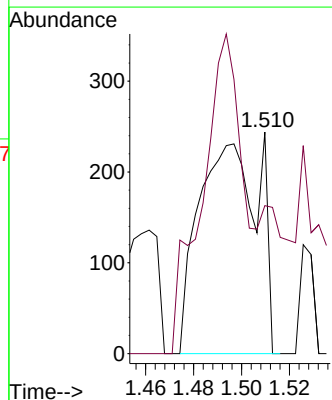
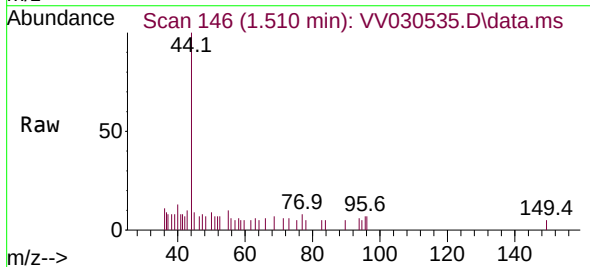
Instrument :
MSVOA_V
ClientSampleId :
BHDx7

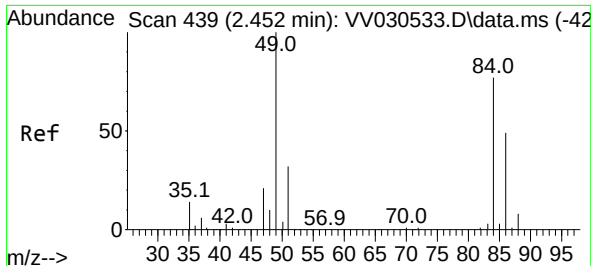
Tgt Ion: 50 Resp: 2159
Ion Ratio Lower Upper
50 100
52 29.3 22.3 41.5



#6
Bromomethane
Concen: 0.095 ug/L
RT: 1.510 min Scan# 146
Delta R.T. 0.019 min
Lab File: VV030535.D
Acq: 13 Apr 2023 11:10

Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 66.8 66.1 122.7

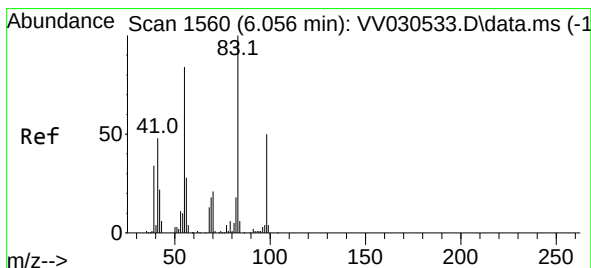
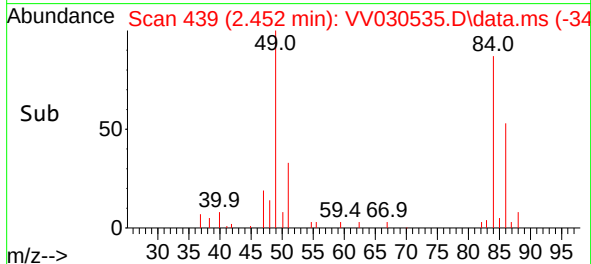
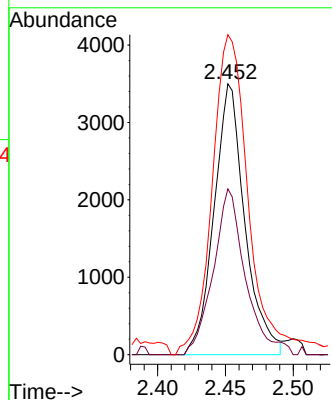
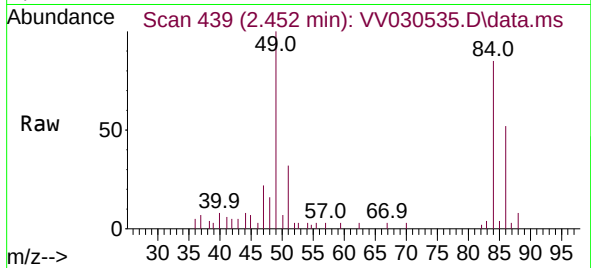




#16
Methylene chloride
Concen: 0.443 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV030535.D
Acq: 13 Apr 2023 11:10

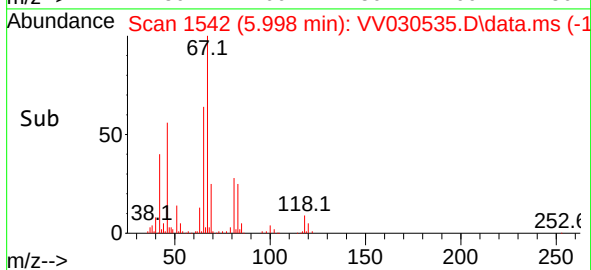
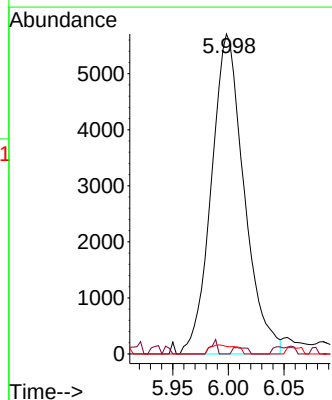
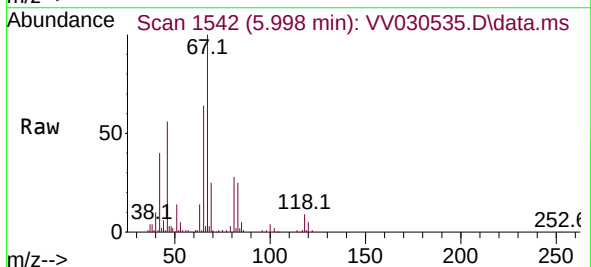
Instrument :
MSVOA_V
ClientSampleId :
BHD7

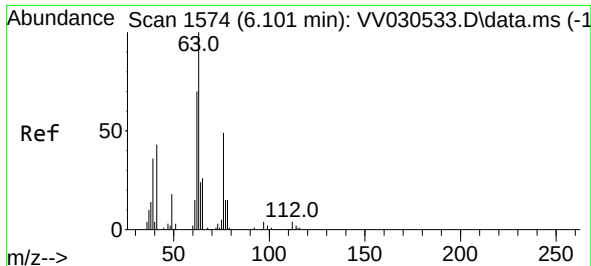
Tgt Ion: 84 Resp: 5534
Ion Ratio Lower Upper
84 100
86 61.2 44.0 81.6
49 118.1 90.6 168.3



#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030535.D
Acq: 13 Apr 2023 11:10

Tgt Ion: 83 Resp: 11663
Ion Ratio Lower Upper
83 100
55 0.9 66.6 100.0#
98 0.0 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.565 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV030535.D

Acq: 13 Apr 2023 11:10

Instrument :

MSVOA_V

ClientSampleId :

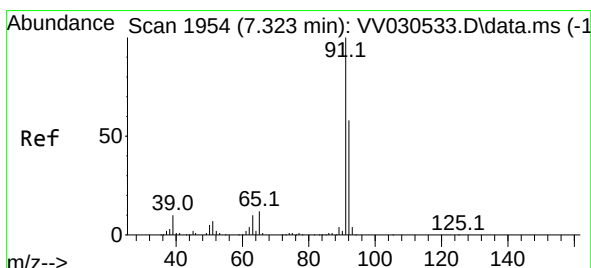
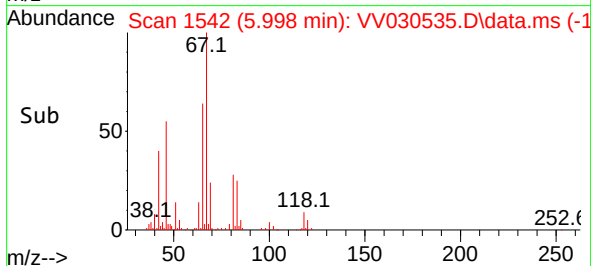
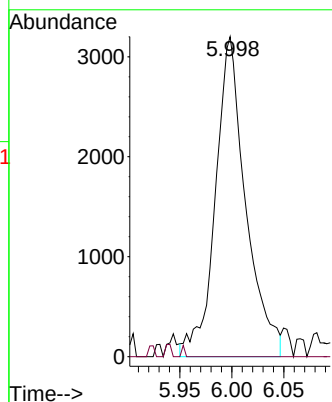
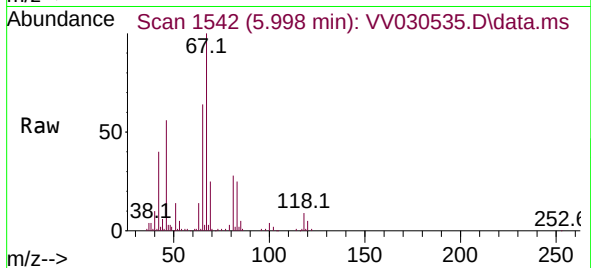
BHDX7

Tgt Ion: 63 Resp: 6500

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#42

Toluene

Concen: 1.022 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VV030535.D

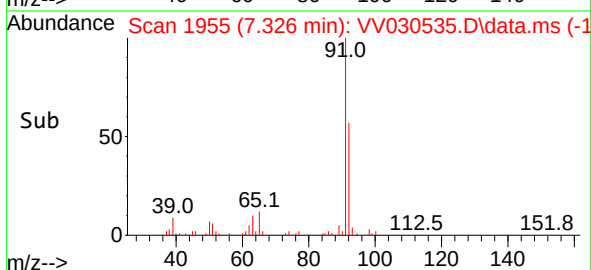
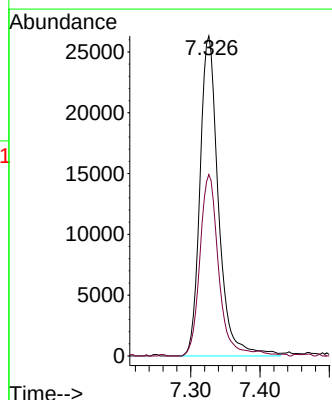
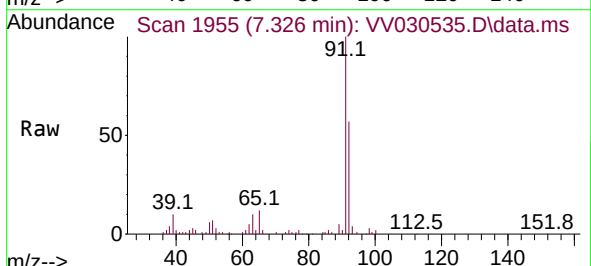
Acq: 13 Apr 2023 11:10

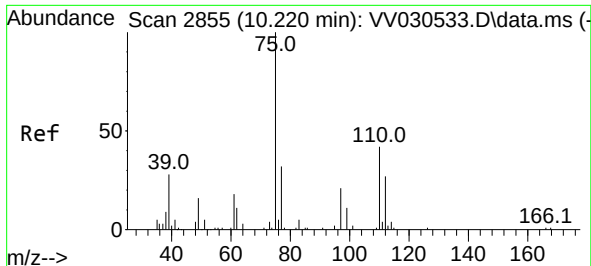
Tgt Ion: 91 Resp: 48747

Ion Ratio Lower Upper

91 100

92 56.7 40.4 75.0

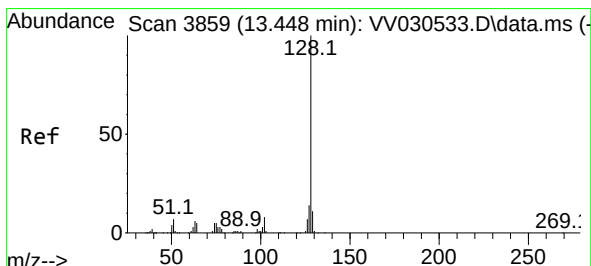
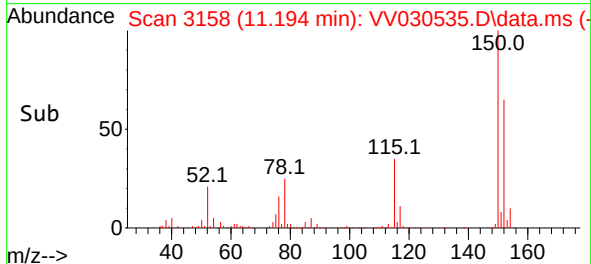
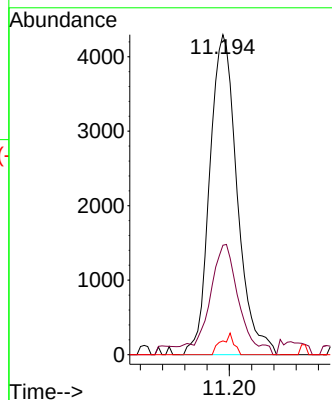
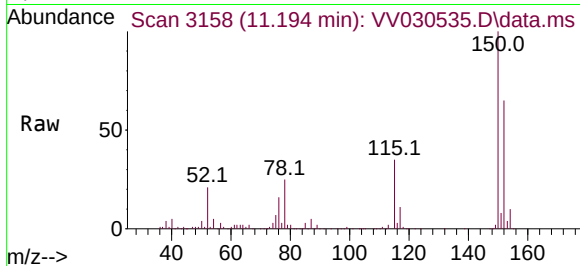




#61
1,2,3-Trichloropropane
Concen: 1.385 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.974 min
Lab File: VV030535.D
Acq: 13 Apr 2023 11:10

Instrument :
MSVOA_V
ClientSampleId :
BHDx7

Tgt Ion: 75 Resp: 7344
Ion Ratio Lower Upper
75 100
77 37.0 26.0 39.0
110 3.1 31.6 47.4#



#71
Naphthalene
Concen: 0.067 ug/L
RT: 13.455 min Scan# 3861
Delta R.T. 0.006 min
Lab File: VV030535.D
Acq: 13 Apr 2023 11:10

Tgt Ion: 128 Resp: 1236
Ion Ratio Lower Upper
128 100
129 4.1 8.9 13.3#
127 3.3 10.8 16.2#

