

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030467.D
 Acq On : 10 Apr 2023 14:40
 Operator : SY/MD
 Sample : 01225-13DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1DL

Quant Time: Apr 11 06:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

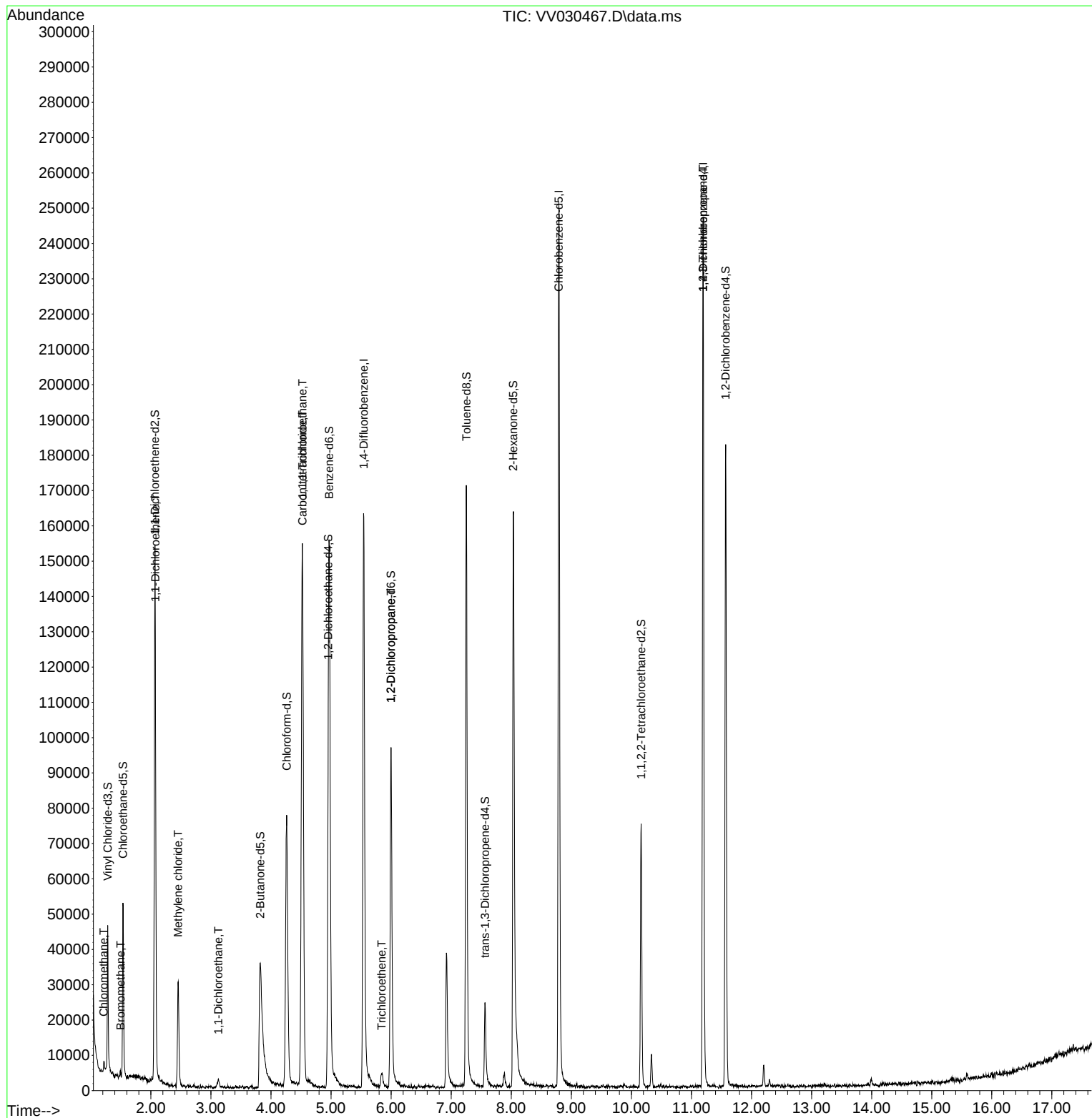
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	142383	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	141770	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	66749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	26595	2.820	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.400%
7) Chloroethane-d5	1.536	69	30058	3.285	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.066	63	63040	2.817	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.822	46	79489	32.612	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.220%
24) Chloroform-d	4.262	84	80670	3.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.600%
26) 1,2-Dichloroethane-d4	4.953	65	40134	3.727	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
32) Benzene-d6	4.970	84	138515	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
36) 1,2-Dichloropropane-d6	5.998	67	44635	3.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.400%
41) Toluene-d8	7.252	98	116876	3.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.800%#
43) trans-1,3-Dichloroprop...	7.564	79	14924	3.169	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.034	63	60418	31.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.860%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33530	3.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.000%
66) 1,2-Dichlorobenzene-d4	11.571	152	47530	3.984	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1764	0.077	ug/L	87
6) Bromomethane	1.497	94	426	0.090	ug/L	87
12) 1,1-Dichloroethene	2.076	96	23582	1.982	ug/L	84
16) Methylene chloride	2.455	84	12098	0.860	ug/L	92
19) 1,1-Dichloroethane	3.124	63	2430	0.100	ug/L	92
29) 1,1,1-Trichloroethane	4.523	97	124988	5.485	ug/L	99
31) Carbon tetrachloride	4.526	117	15393	0.745	ug/L	96
34) Trichloroethene	5.844	95	1302	0.096	ug/L	78
37) 1,2-Dichloropropane	5.998	63	5610	0.434	ug/L #	85
61) 1,2,3-Trichloropropane	11.191	75	7328	1.228	ug/L #	64

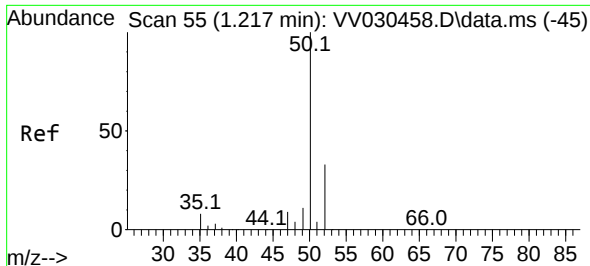
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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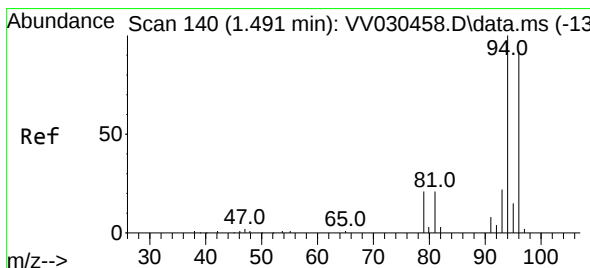
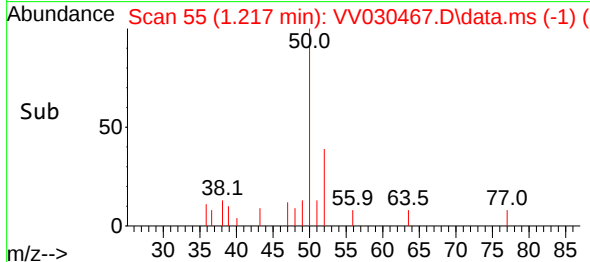
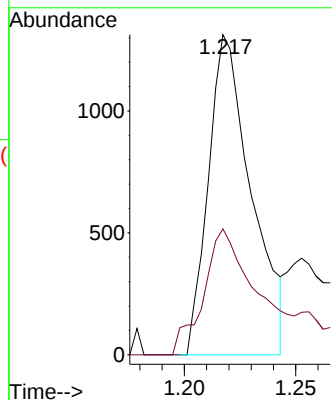
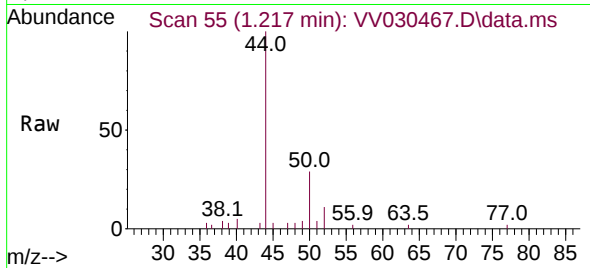




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030467.D
Acq: 10 Apr 2023 14:40

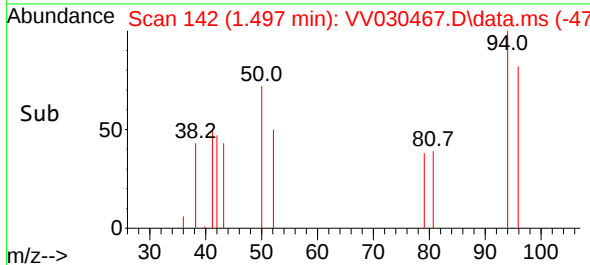
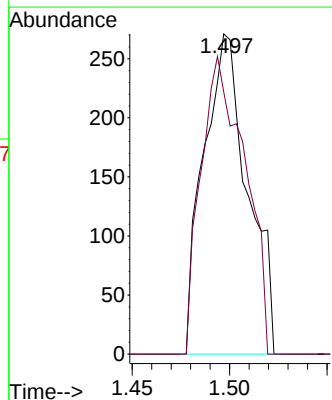
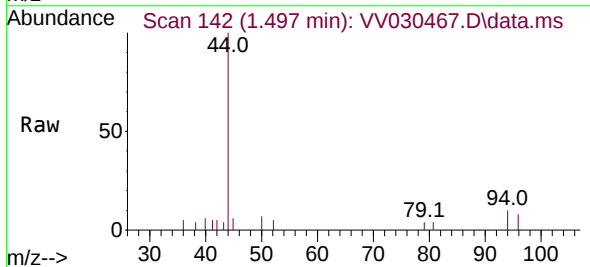
Instrument :
MSVOA_V
ClientSampleId :
C0AB1DL

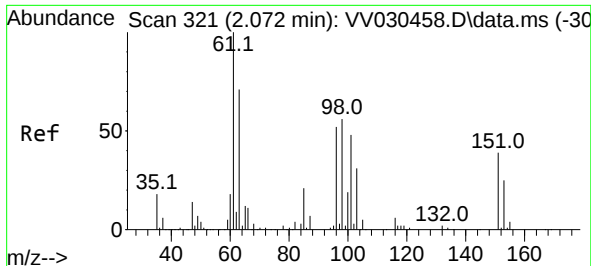
Tgt Ion: 50 Resp: 1764
Ion Ratio Lower Upper
50 100
52 39.3 22.3 41.5



#6
Bromomethane
Concen: 0.090 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030467.D
Acq: 10 Apr 2023 14:40

Tgt Ion: 94 Resp: 426
Ion Ratio Lower Upper
94 100
96 81.9 66.1 122.7





#12

1,1-Dichloroethene

Concen: 1.982 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

C0AB1DL

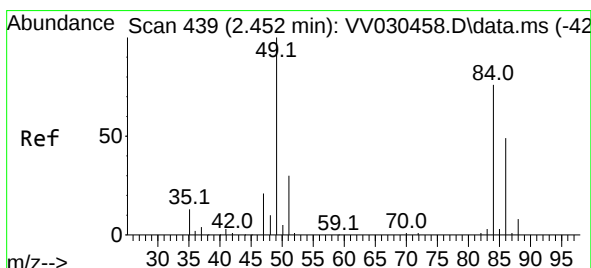
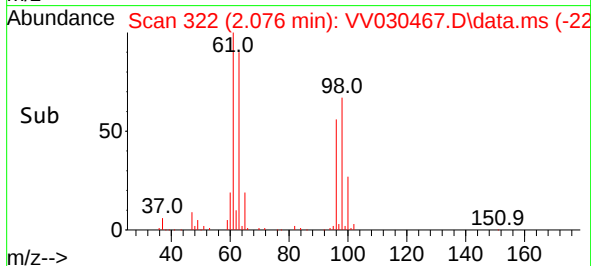
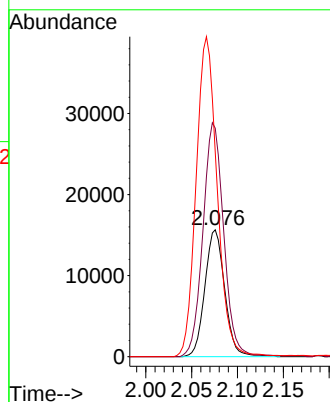
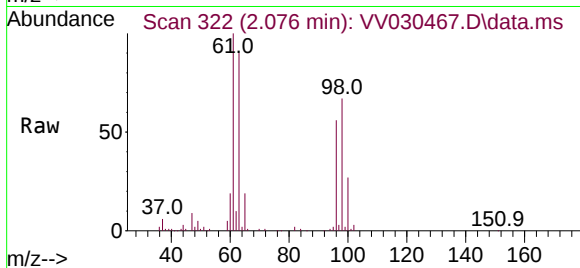
Tgt Ion: 96 Resp: 23582

Ion Ratio Lower Upper

96 100

61 180.0 136.3 253.1

63 161.3 92.1 171.1



#16

Methylene chloride

Concen: 0.860 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

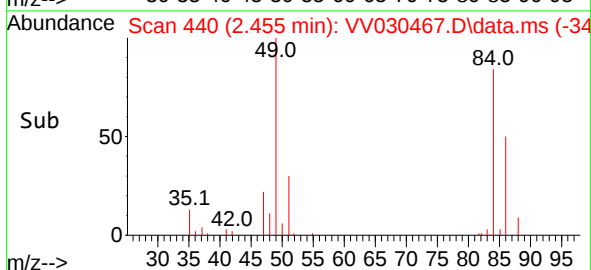
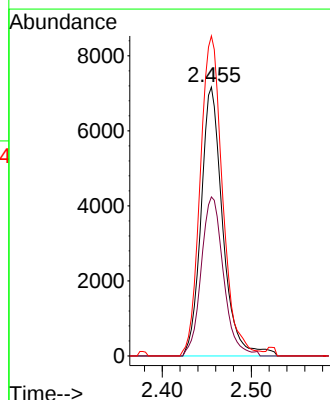
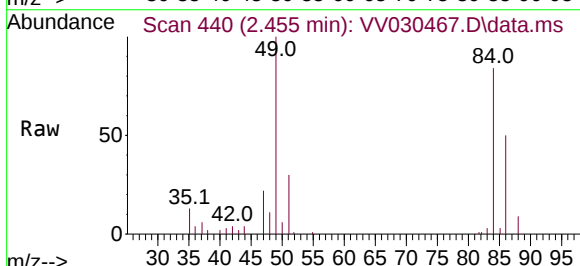
Tgt Ion: 84 Resp: 12098

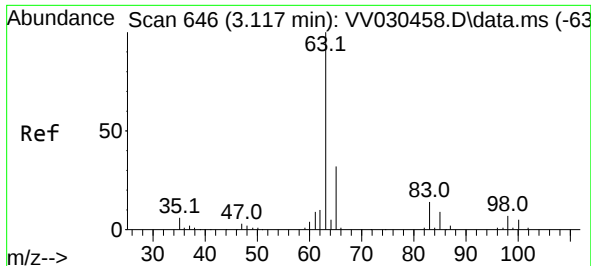
Ion Ratio Lower Upper

84 100

86 59.2 44.0 81.6

49 119.0 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.100 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

C0AB1DL

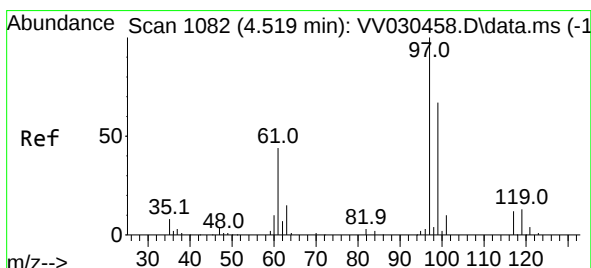
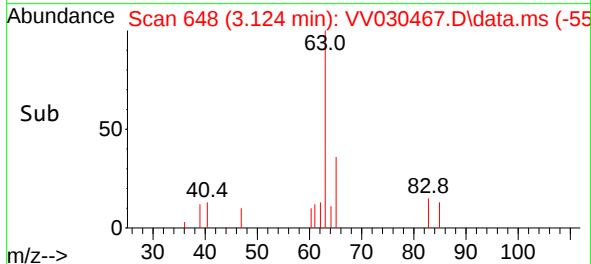
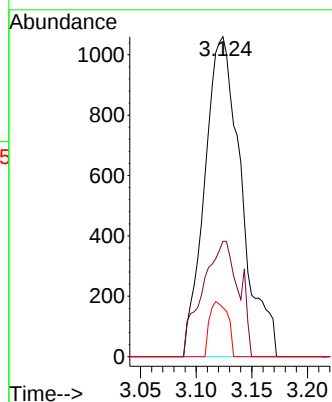
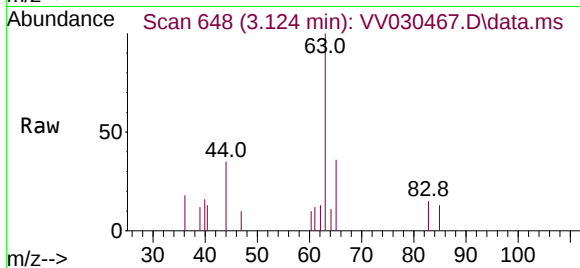
Tgt Ion: 63 Resp: 2430

Ion Ratio Lower Upper

63 100

65 36.0 21.7 40.3

83 15.3 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 5.485 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

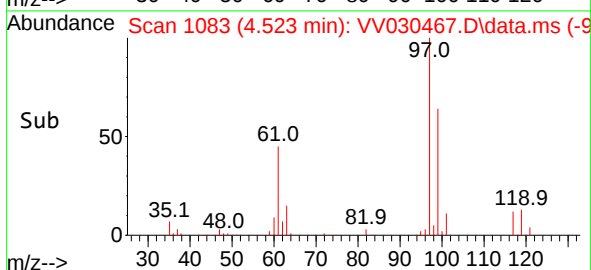
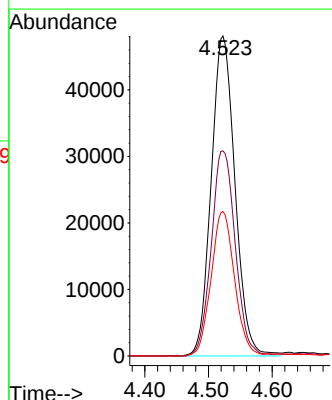
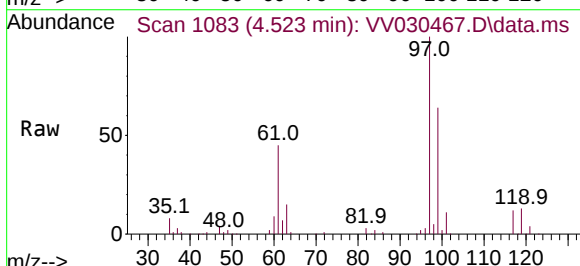
Tgt Ion: 97 Resp: 124988

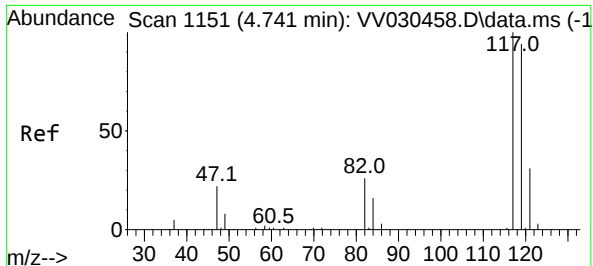
Ion Ratio Lower Upper

97 100

99 64.7 50.9 76.3

61 44.4 35.9 53.9

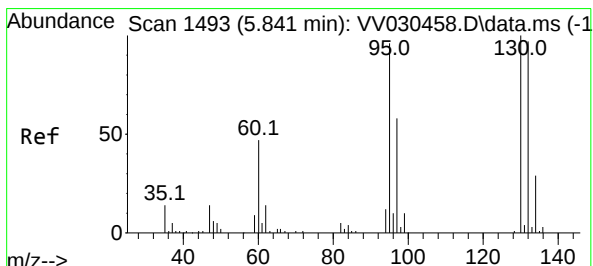
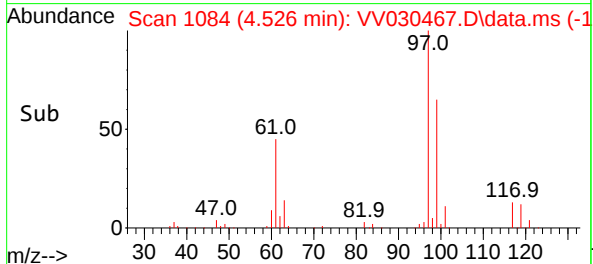
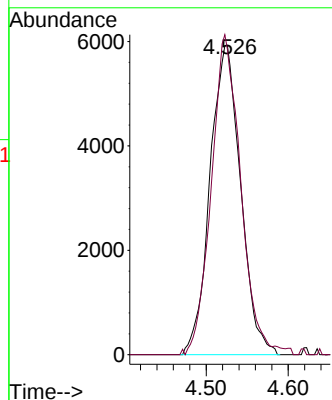
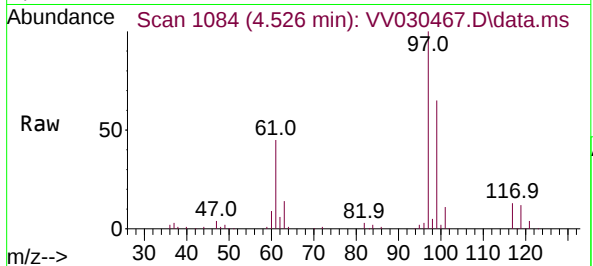




#31
Carbon tetrachloride
Concen: 0.745 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. -0.215 min
Lab File: VV030467.D
Acq: 10 Apr 2023 14:40

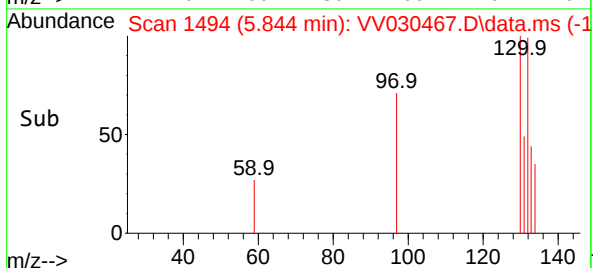
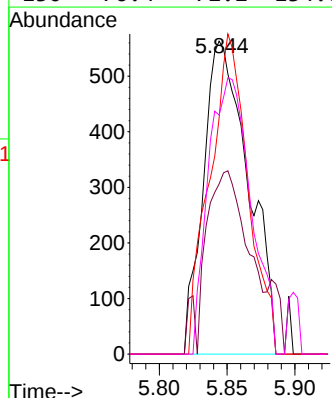
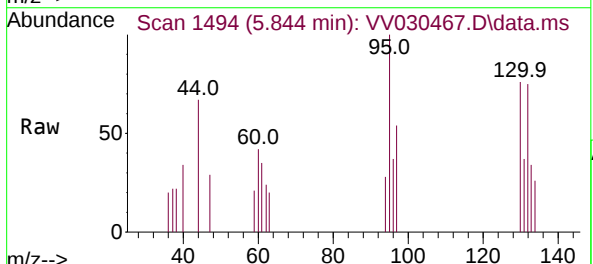
Instrument :
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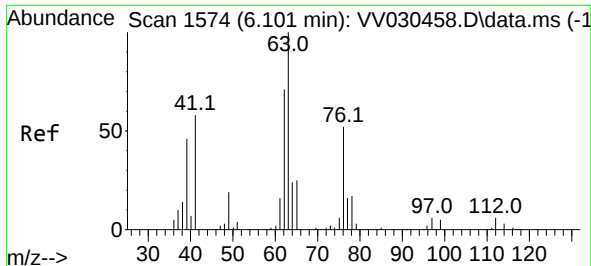
Tgt Ion:117 Resp: 15393
Ion Ratio Lower Upper
117 100
119 99.5 76.2 114.4



#34
Trichloroethene
Concen: 0.096 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.003 min
Lab File: VV030467.D
Acq: 10 Apr 2023 14:40

Tgt Ion: 95 Resp: 1302
Ion Ratio Lower Upper
95 100
97 54.4 44.2 82.2
132 75.3 69.5 129.1
130 76.4 72.2 134.0





#37

1,2-Dichloropropane

Concen: 0.434 ug/L

RT: 5.998 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

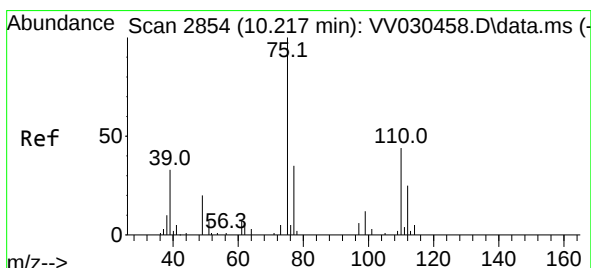
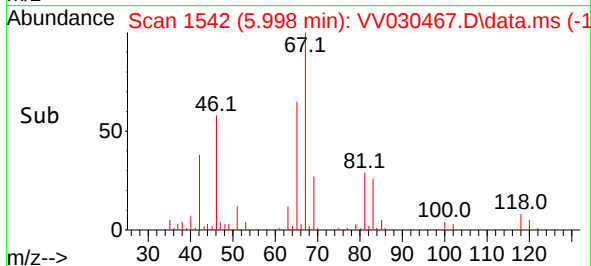
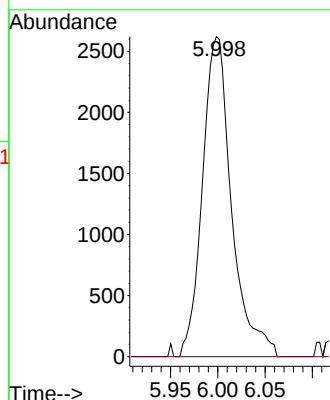
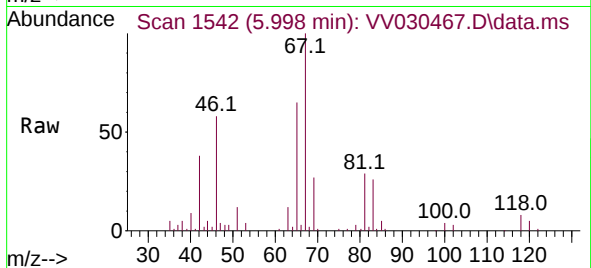
C0AB1DL

Tgt Ion: 63 Resp: 5610

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#61

1,2,3-Trichloropropane

Concen: 1.228 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV030467.D

Acq: 10 Apr 2023 14:40

Tgt Ion: 75 Resp: 7328

Ion Ratio Lower Upper

75 100

77 36.0 26.0 39.0

110 2.7 31.6 47.4#

