

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030470.D
 Acq On : 10 Apr 2023 15:53
 Operator : SY/MD
 Sample : 02225-16DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2DL

Quant Time: Apr 11 06:29:54 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)

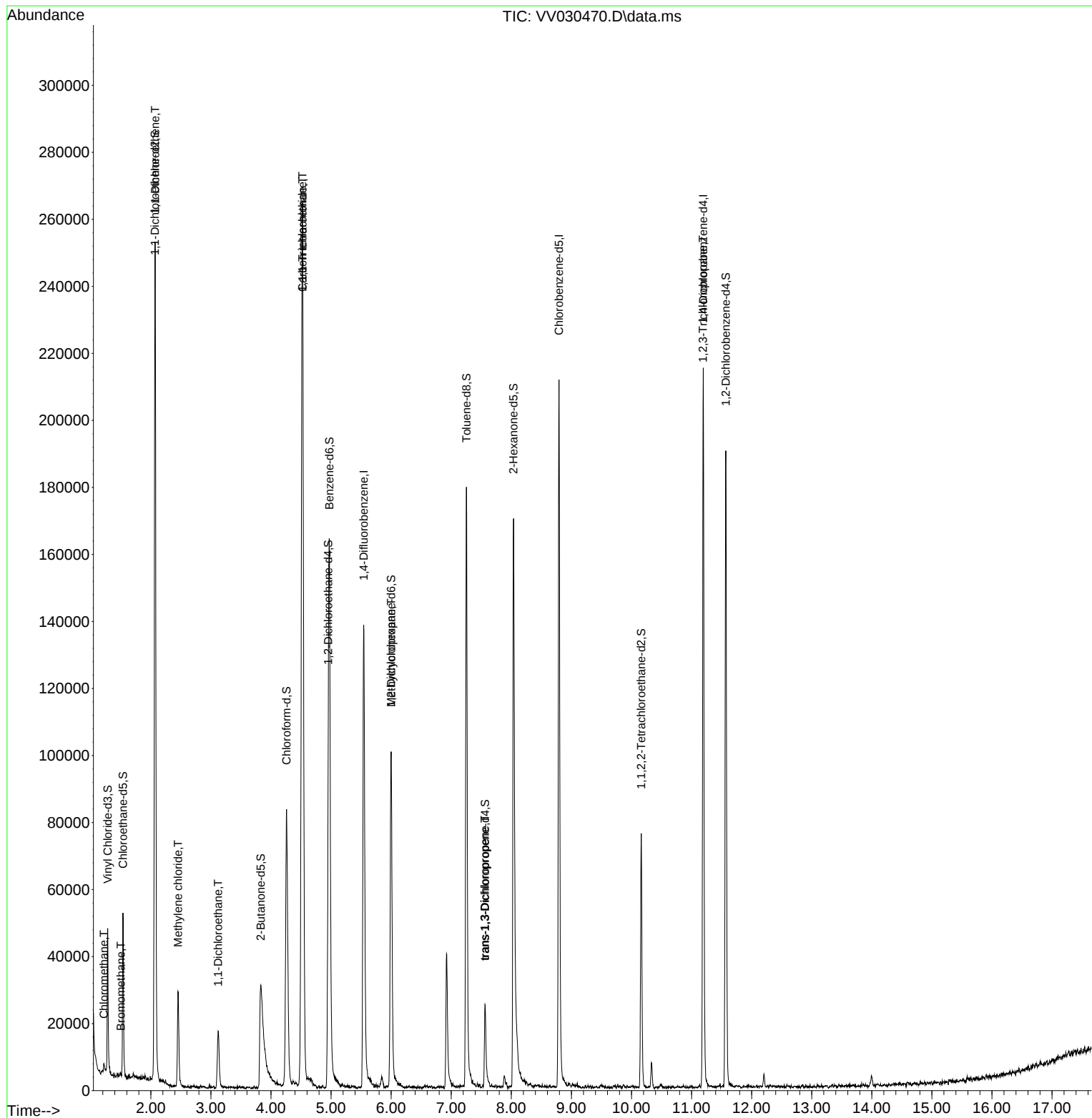
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	120506	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58840	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	28114	3.523	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.536	69	30918	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.066	63	84375	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.831	46	87550	42.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.880%
24) Chloroform-d	4.259	84	84844	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	4.953	65	40622	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	4.973	84	146724	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.998	67	47046	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.252	98	122296	3.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	7.564	79	14963	3.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.037	63	63832	40.355	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.720%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34150	4.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	48750	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2359	0.122	ug/L	93
6) Bromomethane	1.500	94	590	0.147	ug/L	75
12) 1,1-Dichloroethene	2.072	96	53965	5.360	ug/L	90
16) Methylene chloride	2.452	84	11371	0.955	ug/L	98
19) 1,1-Dichloroethane	3.121	63	16707	0.812	ug/L	96
29) 1,1,1-Trichloroethane	4.523	97	219324	11.515	ug/L	99
31) Carbon tetrachloride	4.523	117	27579	1.596	ug/L	99
35) Methylcyclohexane	5.998	83	12179	0.684	ug/L #	16
44) trans-1,3-Dichloropropene	7.561	75	1085	0.084	ug/L #	81
61) 1,2,3-Trichloropropane	11.191	75	6026	1.145	ug/L #	63

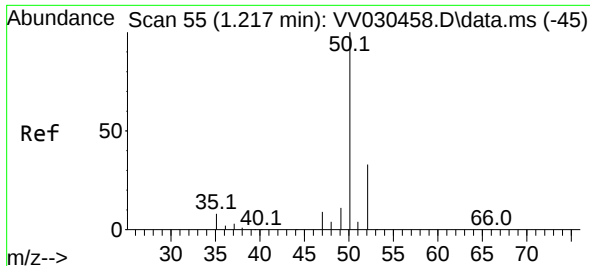
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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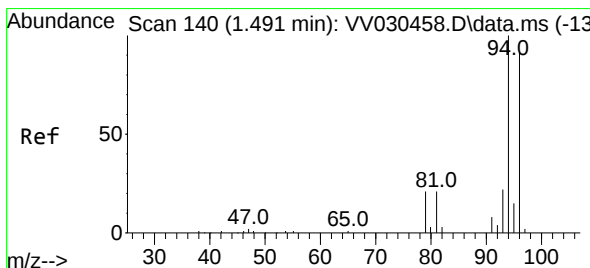
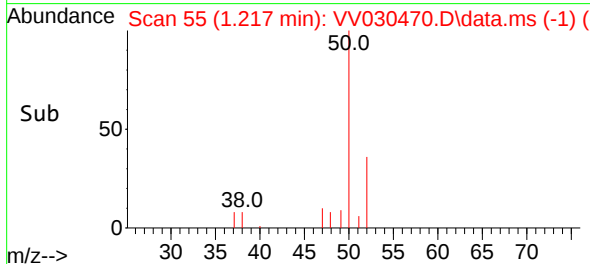
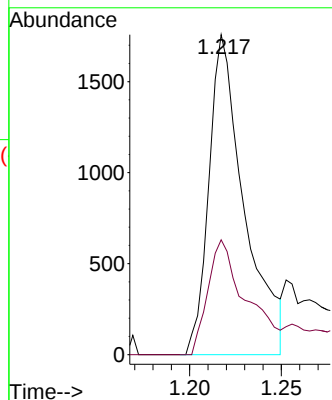
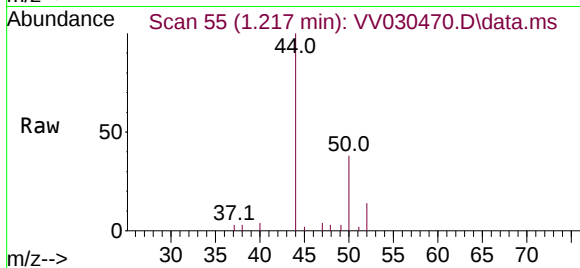




#3
Chloromethane
Concen: 0.122 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030470.D
Acq: 10 Apr 2023 15:53

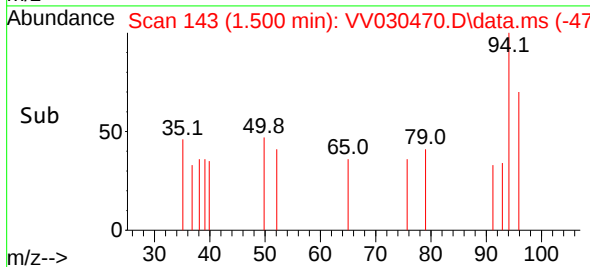
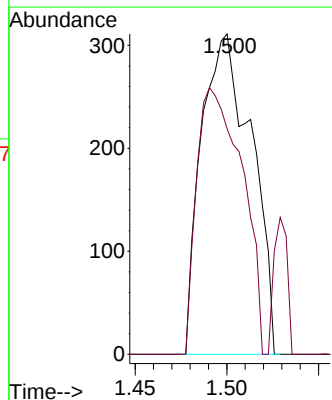
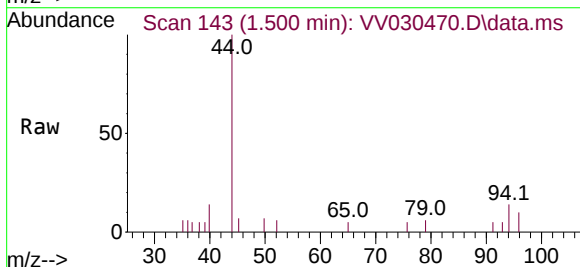
Instrument :
MSVOA_V
ClientSampleId :
C0AC2DL

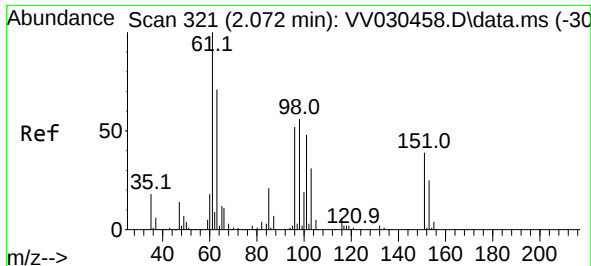
Tgt Ion: 50 Resp: 2359
Ion Ratio Lower Upper
50 100
52 35.9 22.3 41.5



#6
Bromomethane
Concen: 0.147 ug/L
RT: 1.500 min Scan# 143
Delta R.T. 0.010 min
Lab File: VV030470.D
Acq: 10 Apr 2023 15:53

Tgt Ion: 94 Resp: 590
Ion Ratio Lower Upper
94 100
96 70.4 66.1 122.7





#12

1,1-Dichloroethene

Concen: 5.360 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030470.D

Acq: 10 Apr 2023 15:53

Instrument :

MSVOA_V

ClientSampleId :

C0AC2DL

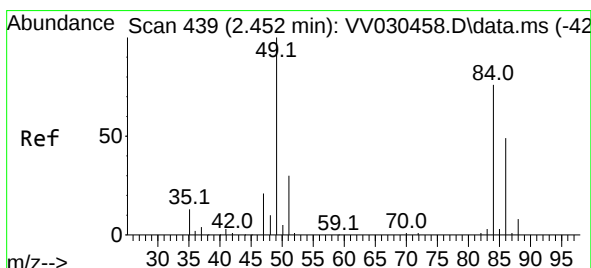
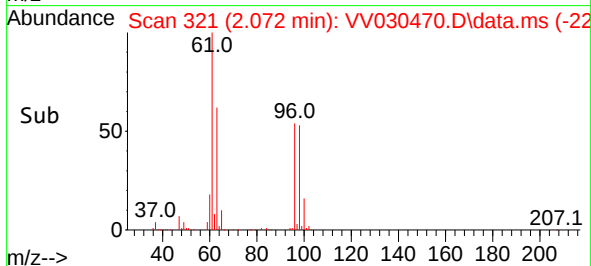
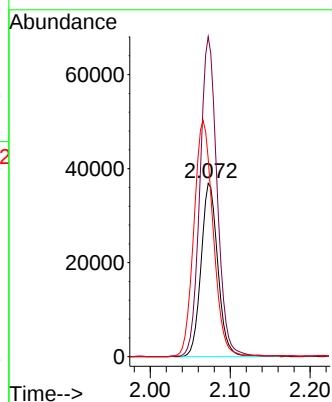
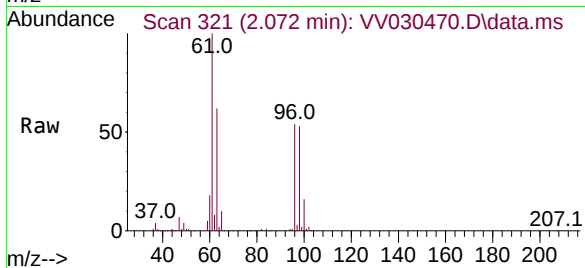
Tgt Ion: 96 Resp: 53965

Ion Ratio Lower Upper

96 100

61 184.6 136.3 253.1

63 114.3 92.1 171.1



#16

Methylene chloride

Concen: 0.955 ug/L

RT: 2.452 min Scan# 439

Delta R.T. -0.000 min

Lab File: VV030470.D

Acq: 10 Apr 2023 15:53

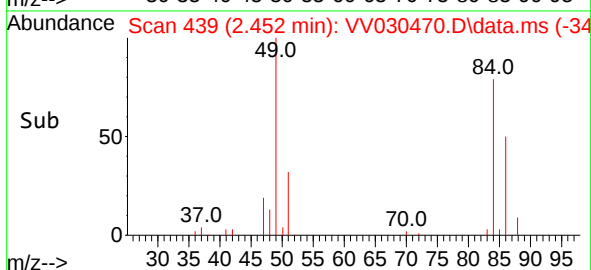
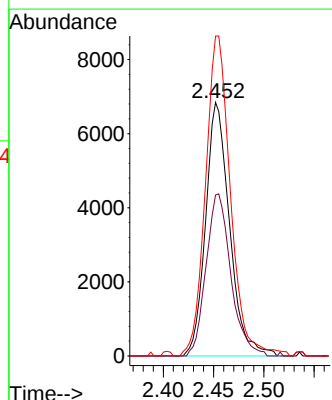
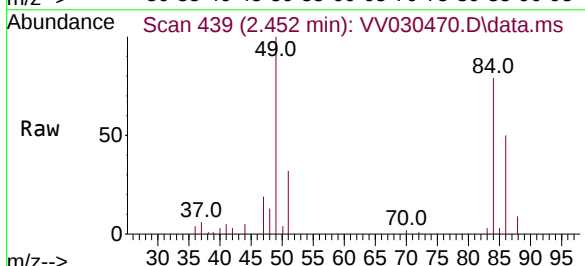
Tgt Ion: 84 Resp: 11371

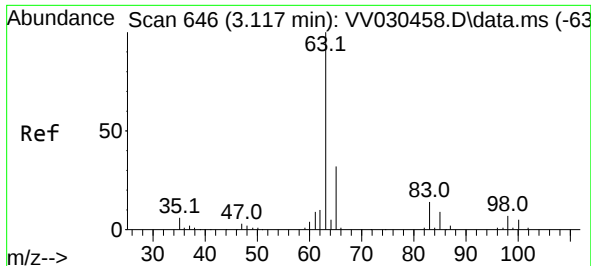
Ion Ratio Lower Upper

84 100

86 63.5 44.0 81.6

49 126.1 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.812 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030470.D

Acq: 10 Apr 2023 15:53

Instrument :

MSVOA_V

ClientSampleId :

C0AC2DL

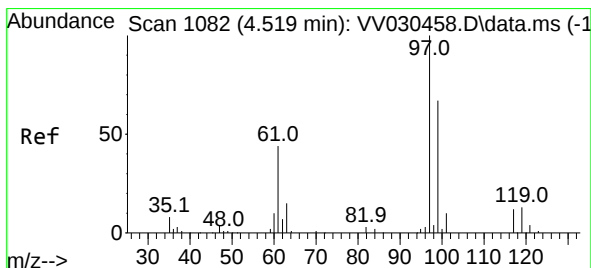
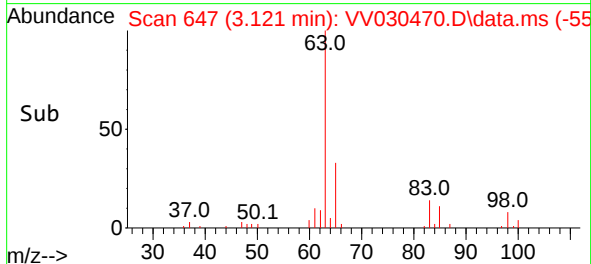
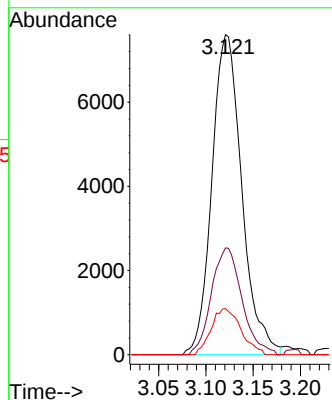
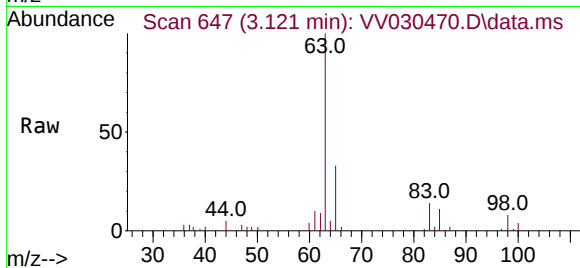
Tgt Ion: 63 Resp: 16707

Ion Ratio Lower Upper

63 100

65 33.3 21.7 40.3

83 14.4 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 11.515 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030470.D

Acq: 10 Apr 2023 15:53

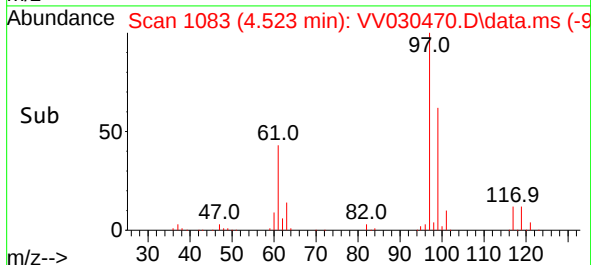
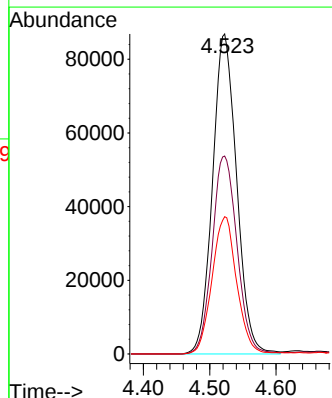
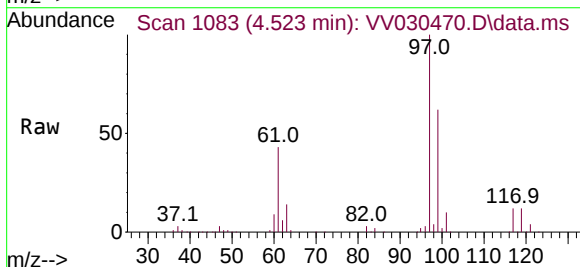
Tgt Ion: 97 Resp: 219324

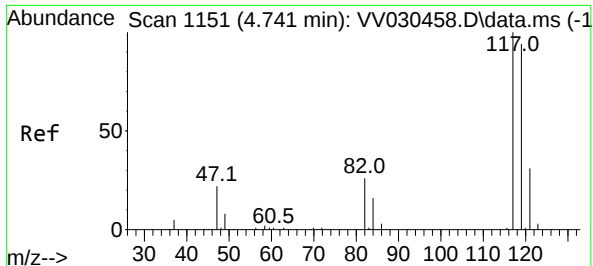
Ion Ratio Lower Upper

97 100

99 63.8 50.9 76.3

61 43.8 35.9 53.9

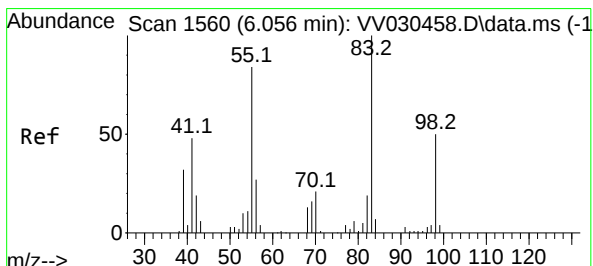
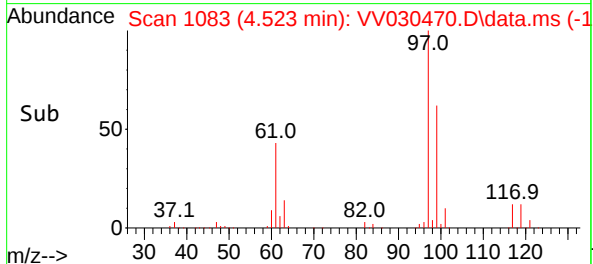
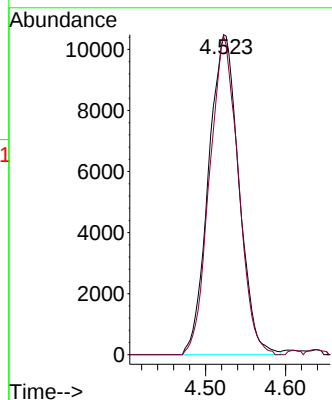
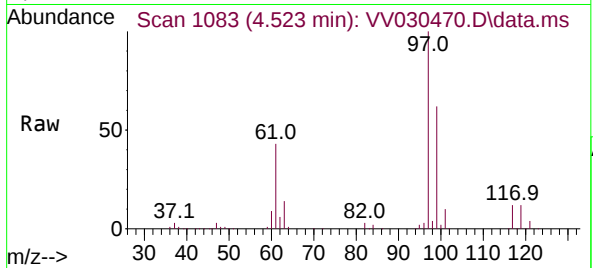




#31
Carbon tetrachloride
Concen: 1.596 ug/L
RT: 4.523 min Scan# 1151
Delta R.T. -0.219 min
Lab File: VV030470.D
Acq: 10 Apr 2023 15:53

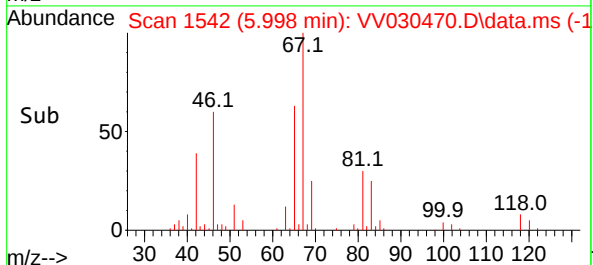
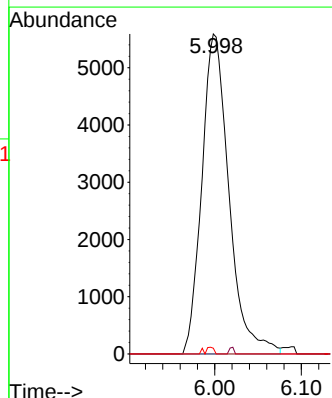
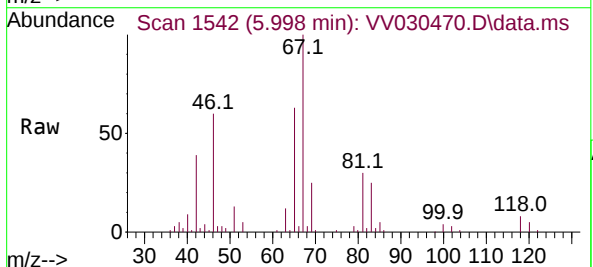
Instrument :
MSVOA_V
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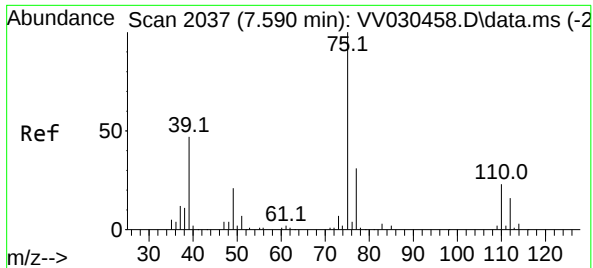
Tgt Ion:117 Resp: 27579
Ion Ratio Lower Upper
117 100
119 94.3 76.2 114.4



#35
Methylcyclohexane
Concen: 0.684 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030470.D
Acq: 10 Apr 2023 15:53

Tgt Ion: 83 Resp: 12179
Ion Ratio Lower Upper
83 100
55 0.4 66.6 100.0#
98 0.7 38.6 58.0#

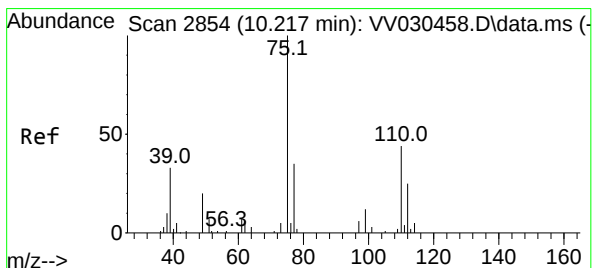
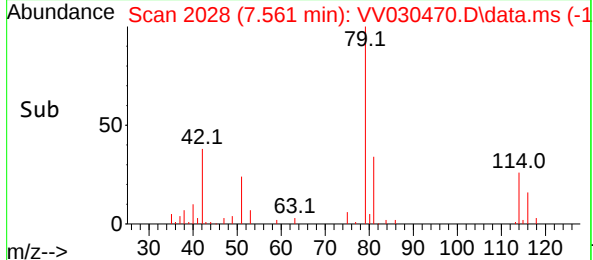
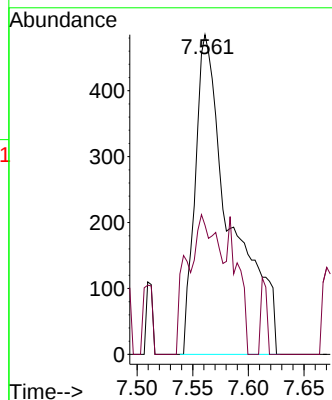
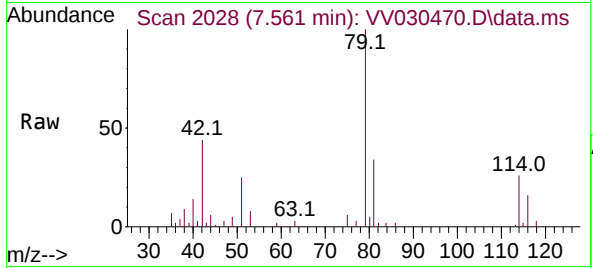




#44
trans-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.561 min Scan# 2037
Delta R.T. -0.029 min
Lab File: VV030470.D
Acq: 10 Apr 2023 15:53

Instrument :
MSVOA_V
ClientSampleId :
C0AC2DL

Tgt Ion: 75 Resp: 1085
Ion Ratio Lower Upper
75 100
77 40.4 21.2 39.4#



#61
1,2,3-Trichloropropane
Concen: 1.145 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.974 min
Lab File: VV030470.D
Acq: 10 Apr 2023 15:53

Tgt Ion: 75 Resp: 6026
Ion Ratio Lower Upper
75 100
77 36.2 26.0 39.0
110 1.8 31.6 47.4#

