

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025108.D
 Acq On : 21 Mar 2022 10:54
 Operator : SY/MD
 Sample : N2044-04 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 12:13:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

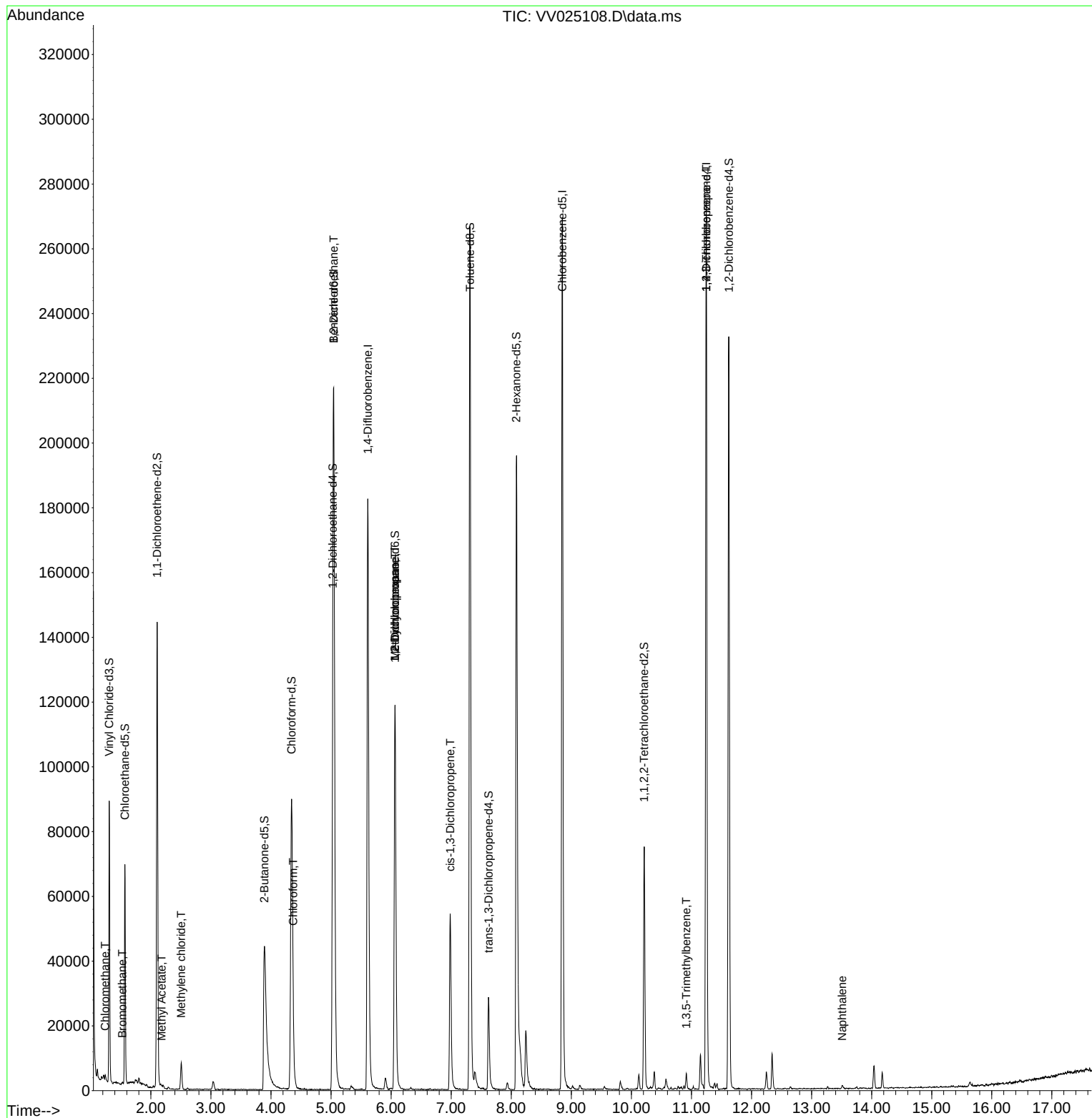
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	167795	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55832	4.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	43628	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.105	63	73378	3.427	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.889	46	93296	58.275	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.540%
24) Chloroform-d	4.343	84	98938	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.027	65	43064	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.043	84	214945	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.063	67	63416	4.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.313	98	187392	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.622	79	19020	4.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.085	63	77429	49.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38360	5.002	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	60925	4.990	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1086	0.078	ug/L	96
6) Bromomethane	1.523	94	464	0.049	ug/L #	57
15) Methyl Acetate	2.179	43	1353	0.461	ug/L #	44
16) Methylene chloride	2.507	84	3684	0.284	ug/L	92
25) Chloroform	4.368	83	3857	0.169	ug/L	79
27) 1,2-Dichloroethane	5.043	62	1028	0.091	ug/L #	71
35) Methylcyclohexane	6.066	83	15431	0.720	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	6270	0.537	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1377	0.085	ug/L #	64
61) 1,2,3-Trichloropropane	11.246	75	9094	1.499	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.915	105	1271	0.051	ug/L	98
71) Naphthalene	13.509	128	1370	0.064	ug/L #	80

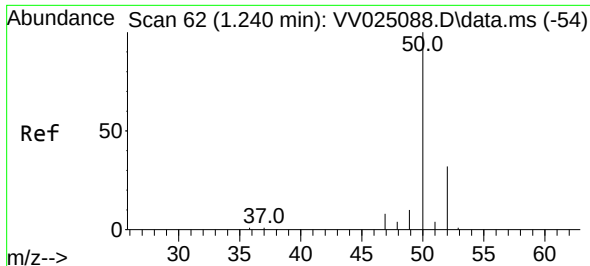
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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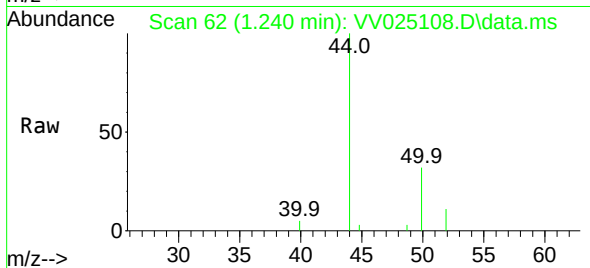
Quant Time: Mar 21 12:13:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
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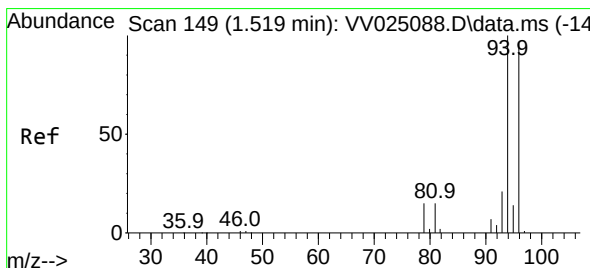
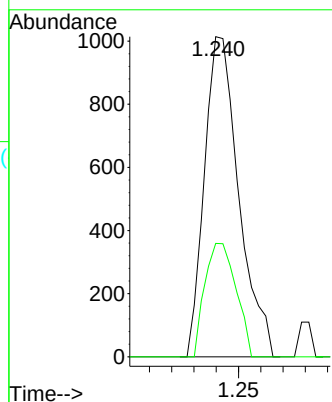
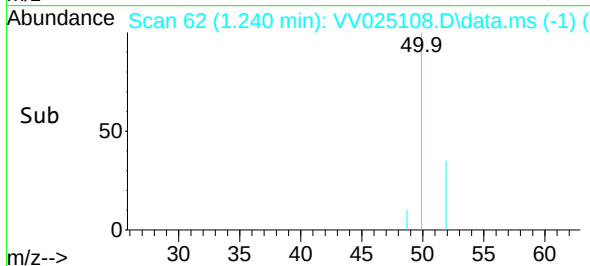


#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025108.D
Acq: 21 Mar 2022 10:54

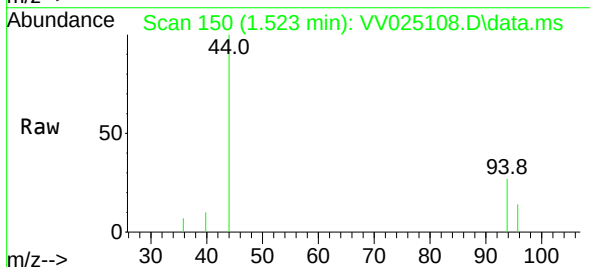
Instrument :
MSVOA_V
ClientSampleId :



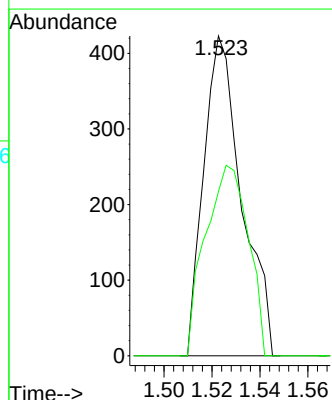
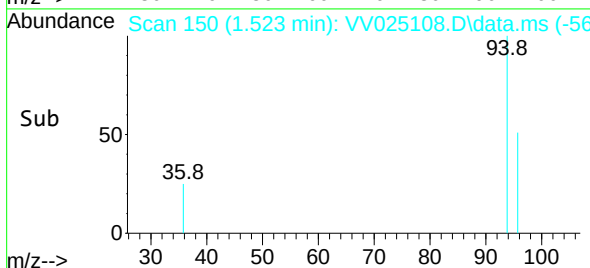
Tgt Ion: 50 Resp: 1086
Ion Ratio Lower Upper
50 100
52 35.4 23.2 43.2

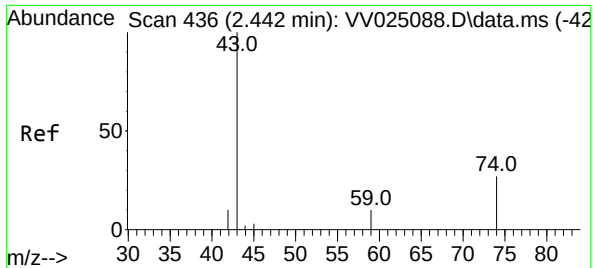


#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV025108.D
Acq: 21 Mar 2022 10:54



Tgt Ion: 94 Resp: 464
Ion Ratio Lower Upper
94 100
96 51.3 64.9 120.5#

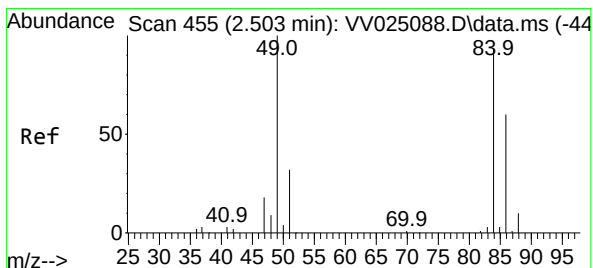
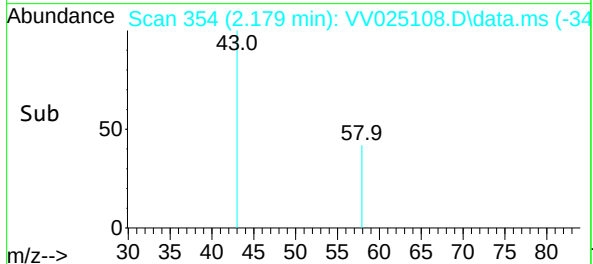
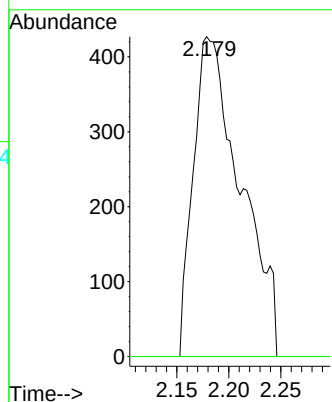
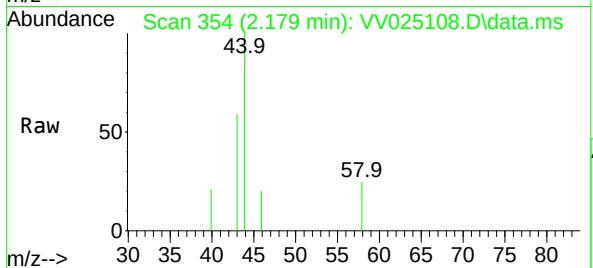




#15
Methyl Acetate
Concen: 0.461 ug/L
RT: 2.179 min Scan# 31
Delta R.T. -0.264 min
Lab File: VV025108.D
Acq: 21 Mar 2022 10:54

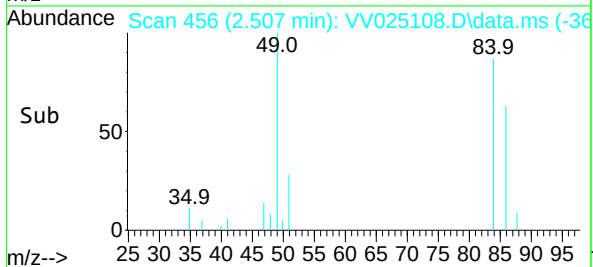
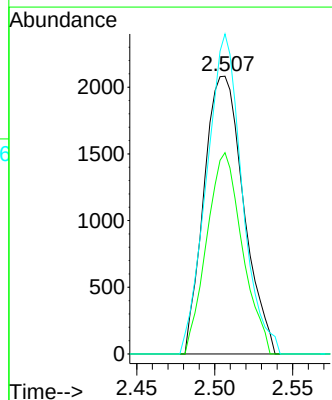
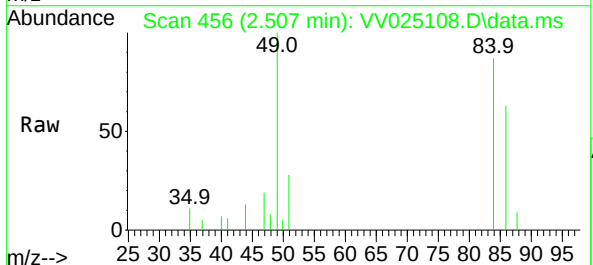
Instrument :
MSVOA_V
ClientSampleId :

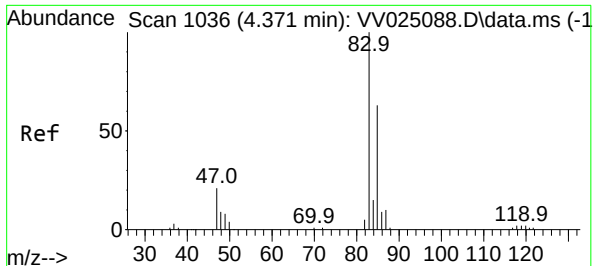
Tgt Ion: 43 Resp: 1353
Ion Ratio Lower Upper
43 100
74 0.0 24.2 36.4#



#16
Methylene chloride
Concen: 0.284 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025108.D
Acq: 21 Mar 2022 10:54

Tgt Ion: 84 Resp: 3684
Ion Ratio Lower Upper
84 100
86 72.5 45.5 84.5
49 115.2 75.0 139.2





#25

Chloroform

Concen: 0.169 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025108.D

Acq: 21 Mar 2022 10:54

Instrument :

MSVOA_V

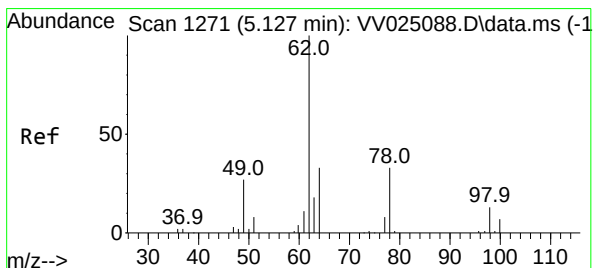
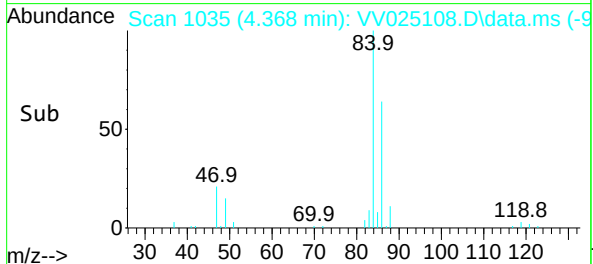
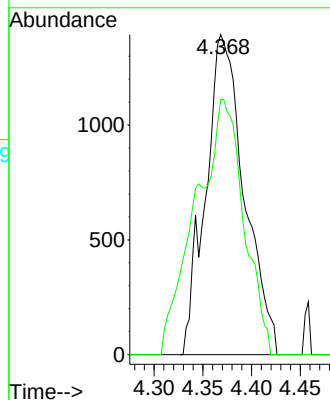
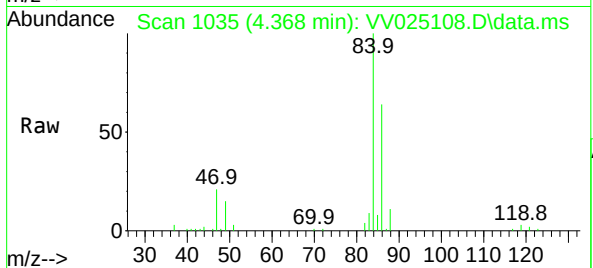
ClientSampleId :

Tgt Ion: 83 Resp: 3857

Ion Ratio Lower Upper

83 100

85 79.7 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.084 min

Lab File: VV025108.D

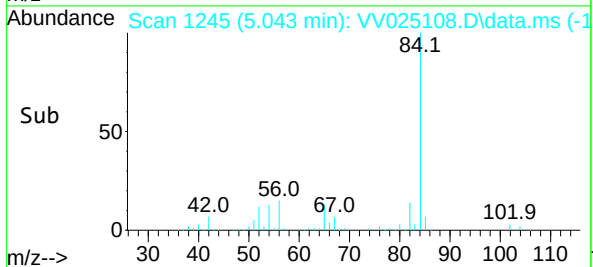
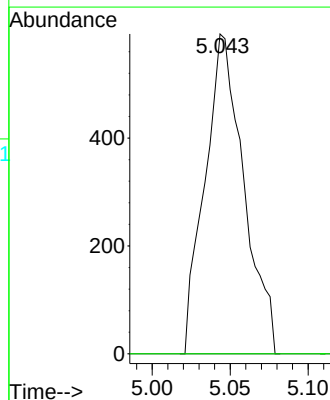
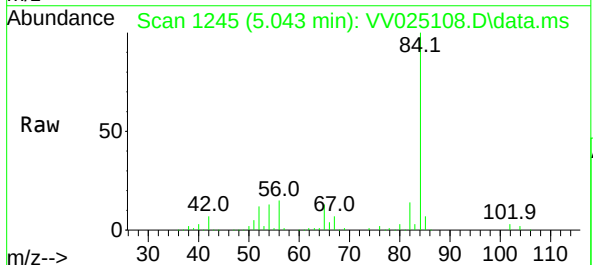
Acq: 21 Mar 2022 10:54

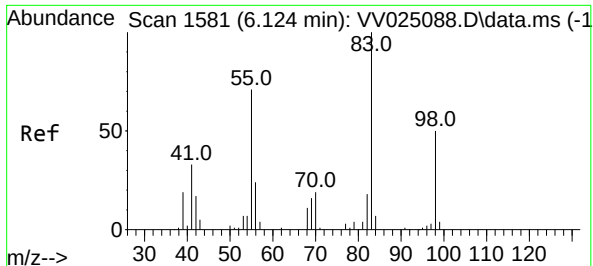
Tgt Ion: 62 Resp: 1028

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#35

Methylcyclohexane

Concen: 0.720 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV025108.D

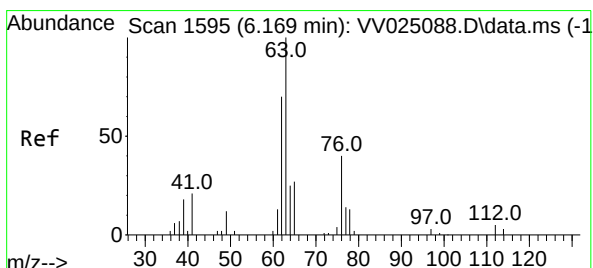
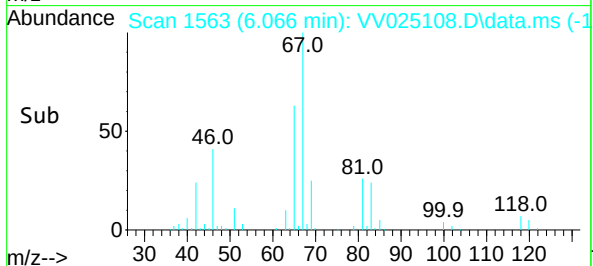
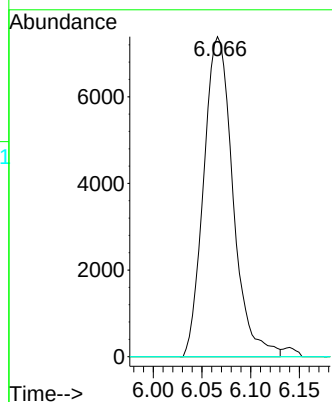
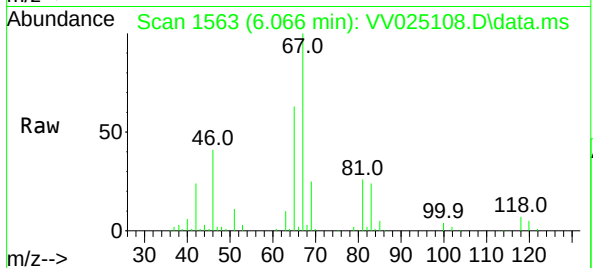
Acq: 21 Mar 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 15431
Ion Ratio	Lower Upper
83 100	
55 0.0	55.4 83.0#
98 0.6	38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.537 ug/L

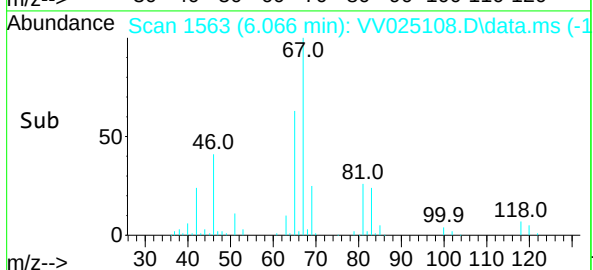
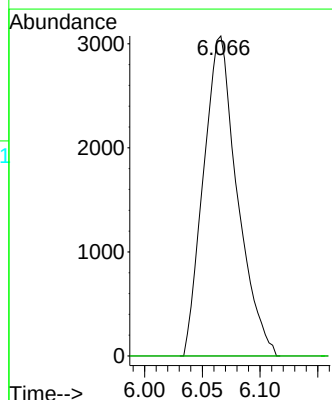
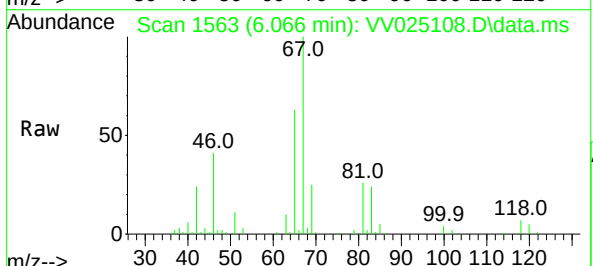
RT: 6.066 min Scan# 1563

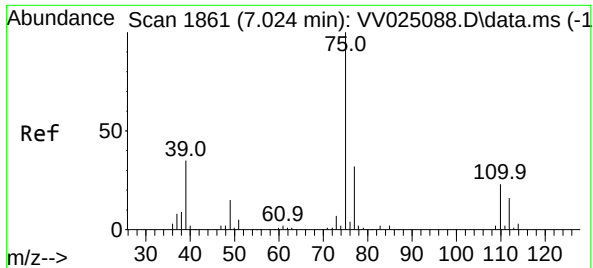
Delta R.T. -0.103 min

Lab File: VV025108.D

Acq: 21 Mar 2022 10:54

Tgt Ion: 63	Resp: 6270
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025108.D

Acq: 21 Mar 2022 10:54

Instrument :

MSVOA_V

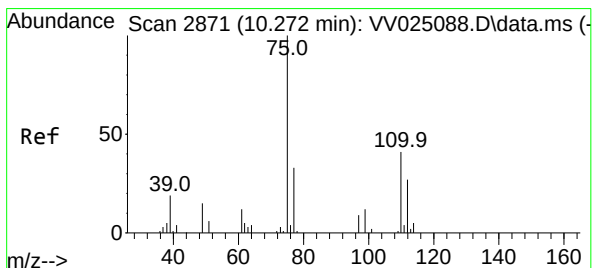
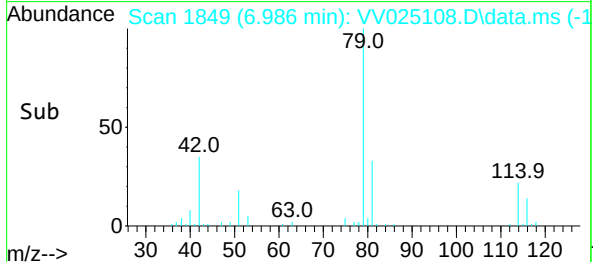
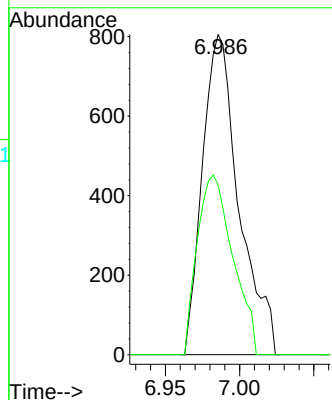
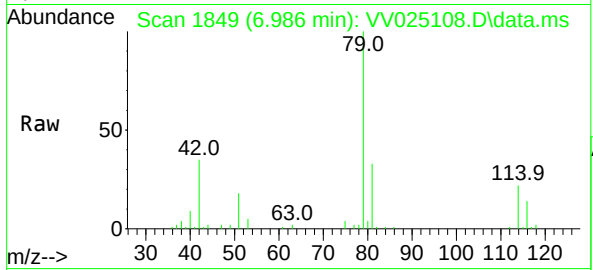
ClientSampleId :

Tgt Ion: 75 Resp: 1377

Ion Ratio Lower Upper

75 100

77 53.0 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 1.499 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025108.D

Acq: 21 Mar 2022 10:54

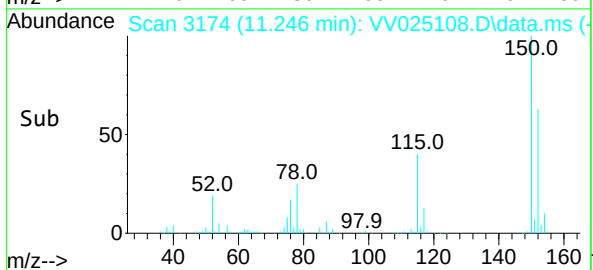
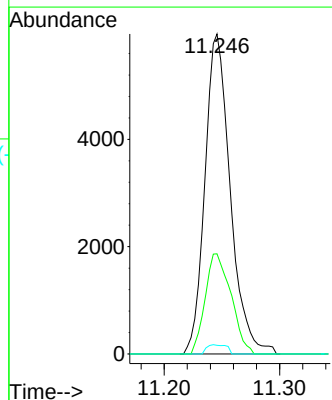
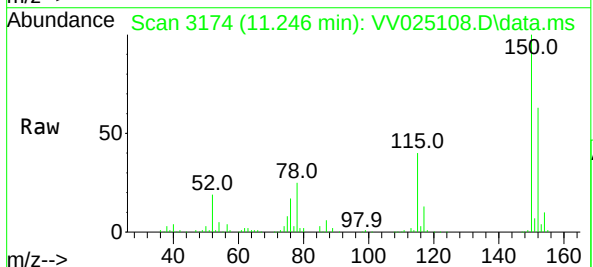
Tgt Ion: 75 Resp: 9094

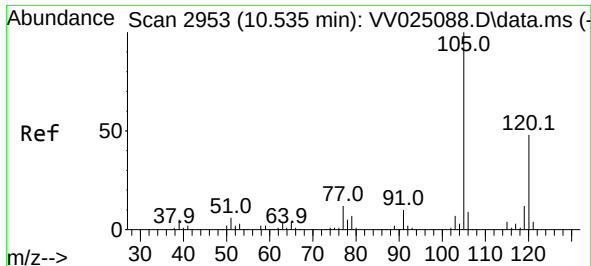
Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5

110 2.2 31.2 46.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.051 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.379 min

Lab File: VV025108.D

Acq: 21 Mar 2022 10:54

Instrument :

MSVOA_V

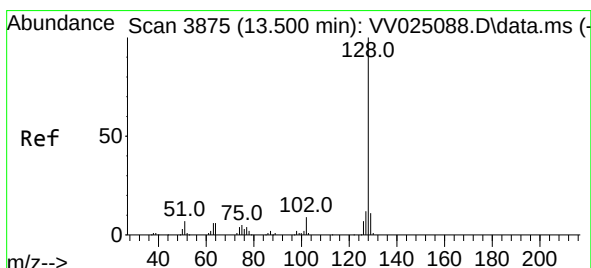
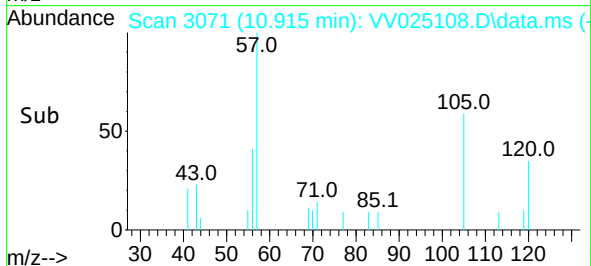
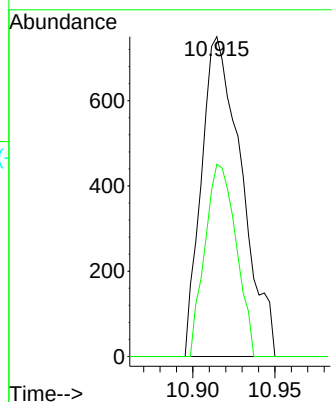
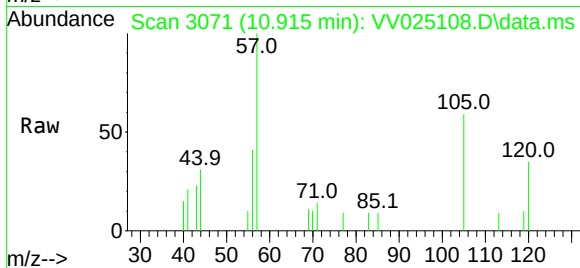
ClientSampleId :

Tgt Ion:105 Resp: 1271

Ion Ratio Lower Upper

105 100

120 46.7 38.5 57.7



#71

Naphthalene

Concen: 0.064 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.010 min

Lab File: VV025108.D

Acq: 21 Mar 2022 10:54

Tgt Ion:128 Resp: 1370

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 7.1 9.8 14.8#

