

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025110.D
 Acq On : 21 Mar 2022 11:40
 Operator : SY/MD
 Sample : N2044-01 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 12:14:07 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)

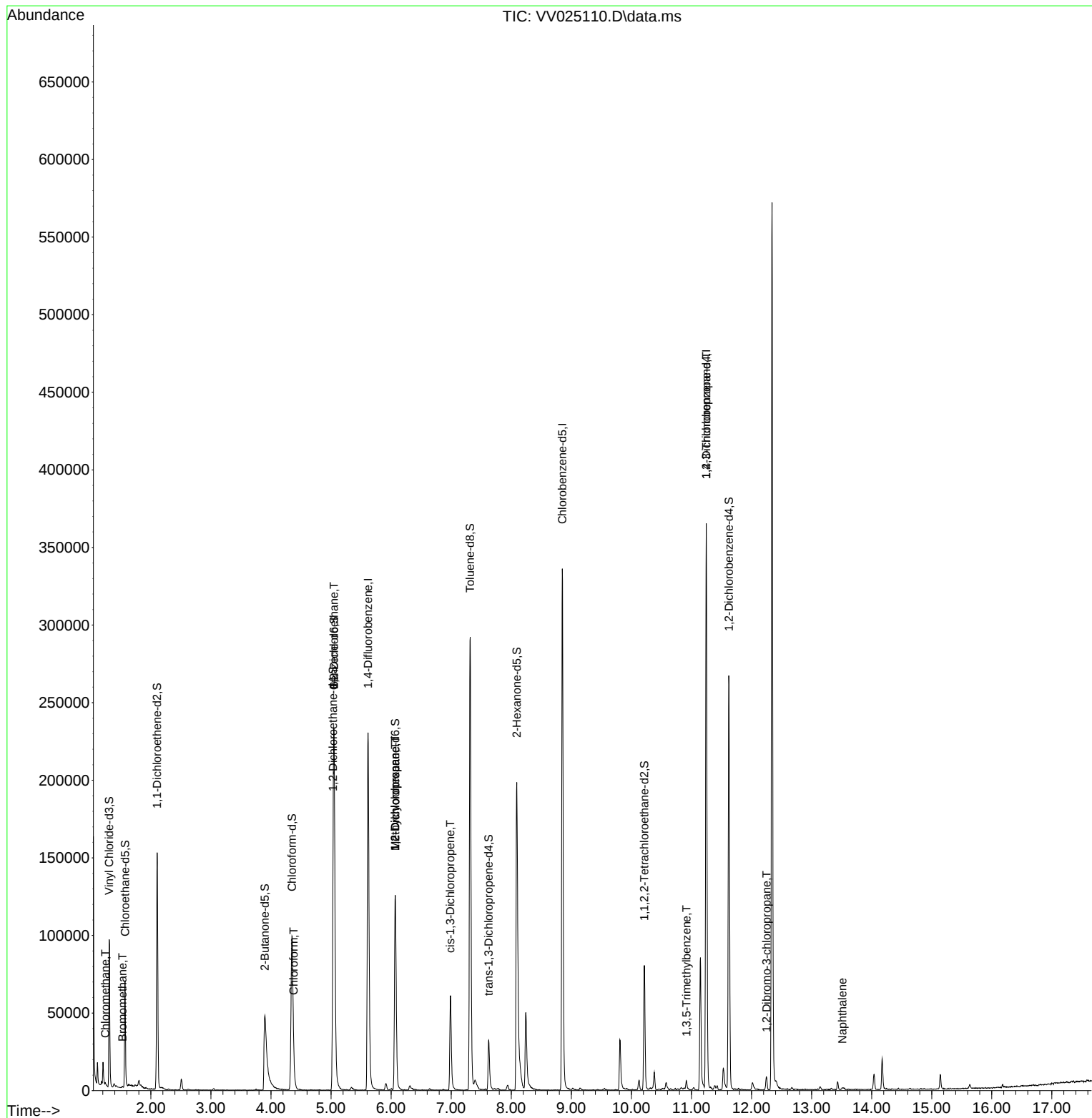
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	211895	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	194621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59456	3.554	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.571	69	46149	3.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.105	63	78243	2.894	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.800%#
20) 2-Butanone-d5	3.899	46	102615	50.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.520%
24) Chloroform-d	4.349	84	107415	3.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.034	65	46669	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.050	84	230359	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.069	67	65974	4.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.317	98	202957	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.625	79	21586	3.814	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.092	63	87522	45.338	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40946	4.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	68251	4.281	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1223	0.069	ug/L	96
6) Bromomethane	1.526	94	494	0.041	ug/L	87
25) Chloroform	4.378	83	7186	0.250	ug/L	100
27) 1,2-Dichloroethane	5.050	62	1039	0.073	ug/L #	71
35) Methylcyclohexane	6.069	83	16408	0.615	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6849	0.471	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	1542	0.076	ug/L #	58
61) 1,2,3-Trichloropropane	11.246	75	12028	1.519	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.918	105	1428	0.044	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.249	75	249	0.183	ug/L #	1
71) Naphthalene	13.513	128	1532	0.054	ug/L #	78

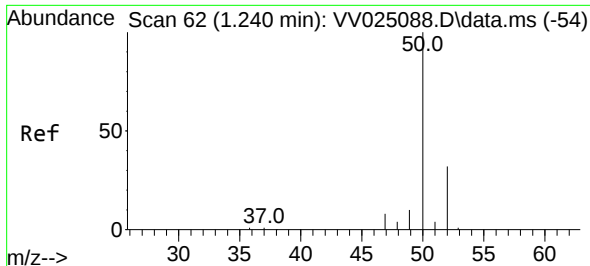
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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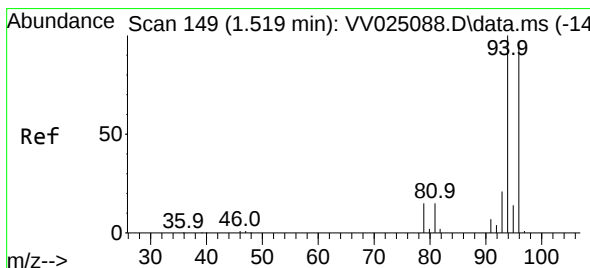
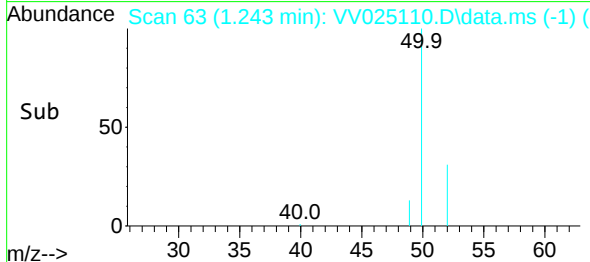
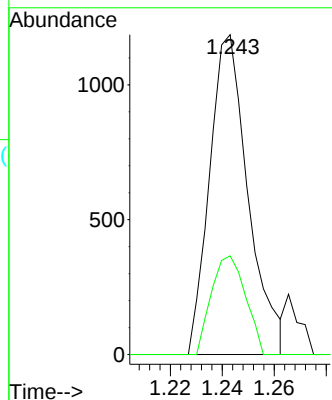
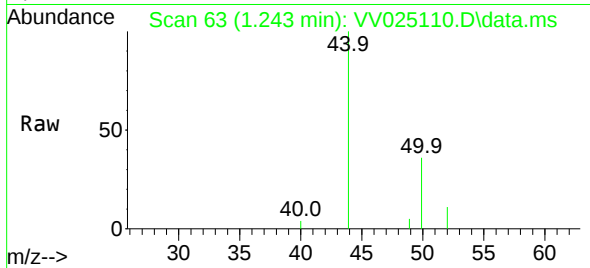




#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025110.D
Acq: 21 Mar 2022 11:40

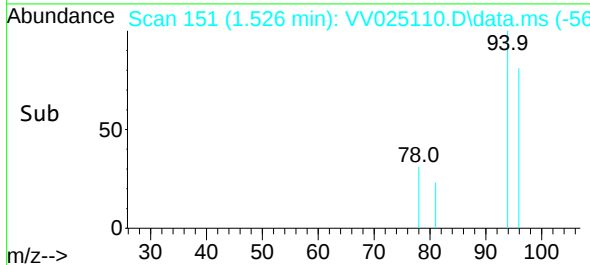
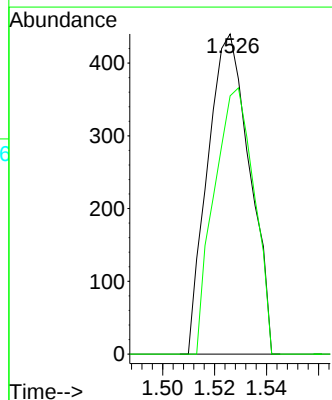
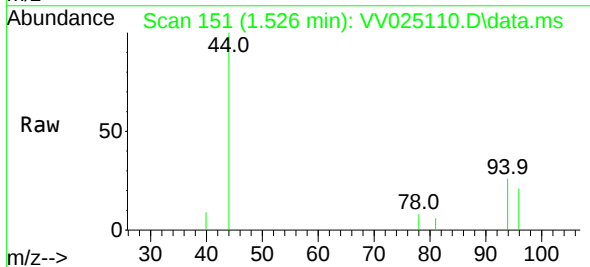
Instrument :
MSVOA_V
ClientSampleId :

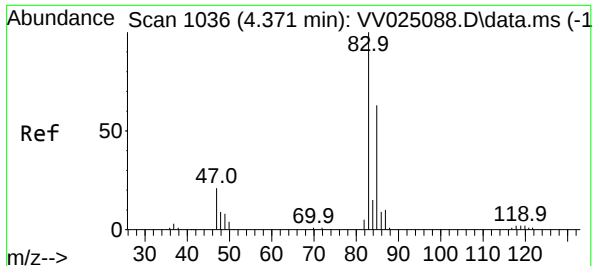
Tgt Ion: 50 Resp: 1223
Ion Ratio Lower Upper
50 100
52 30.9 23.2 43.2



#6
Bromomethane
Concen: 0.041 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV025110.D
Acq: 21 Mar 2022 11:40

Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 80.7 64.9 120.5





#25

Chloroform

Concen: 0.250 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025110.D

Acq: 21 Mar 2022 11:40

Instrument :

MSVOA_V

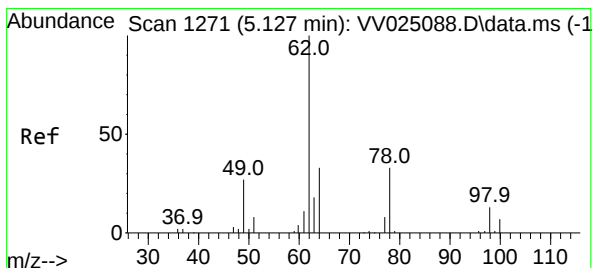
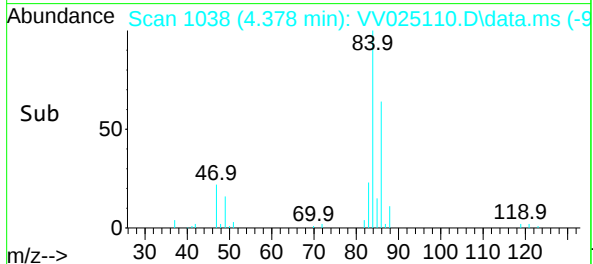
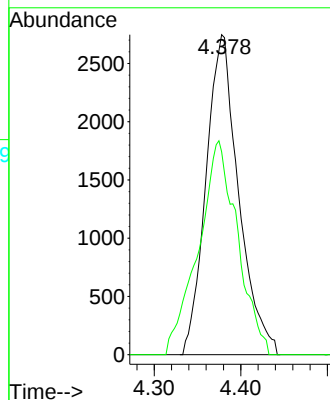
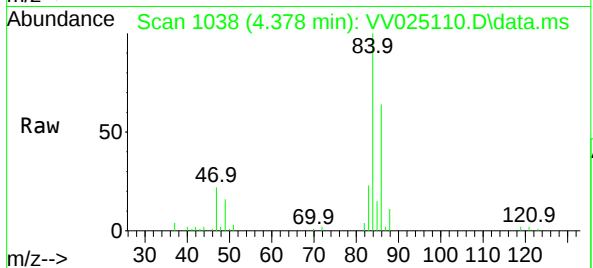
ClientSampleId :

Tgt Ion: 83 Resp: 7186

Ion Ratio Lower Upper

83 100

85 63.4 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.073 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025110.D

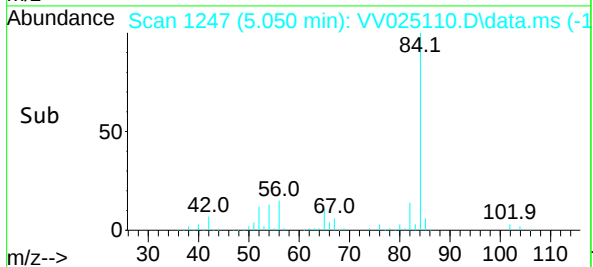
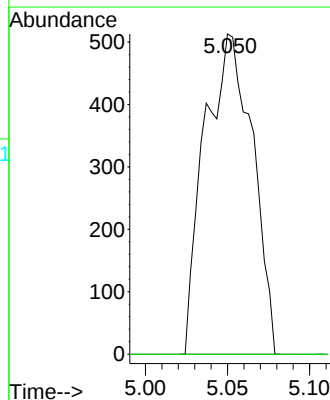
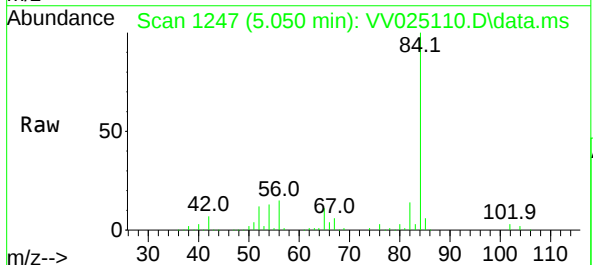
Acq: 21 Mar 2022 11:40

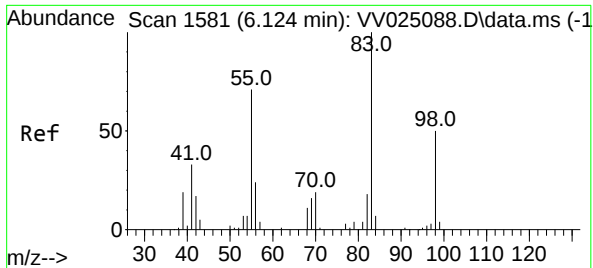
Tgt Ion: 62 Resp: 1039

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

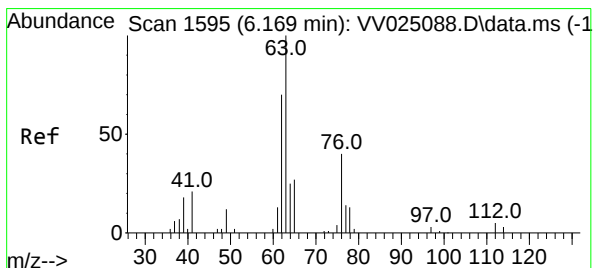
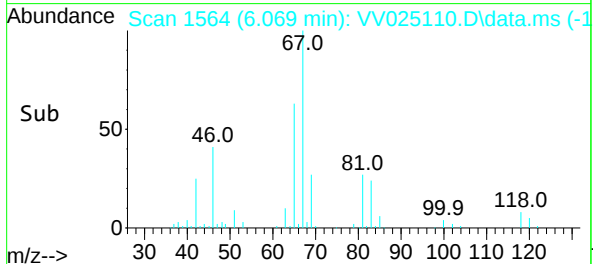
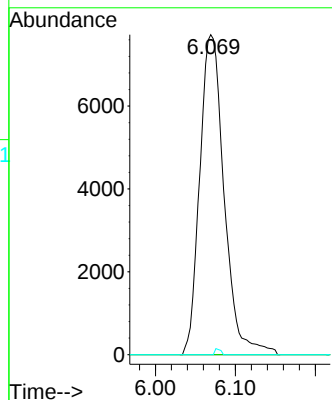
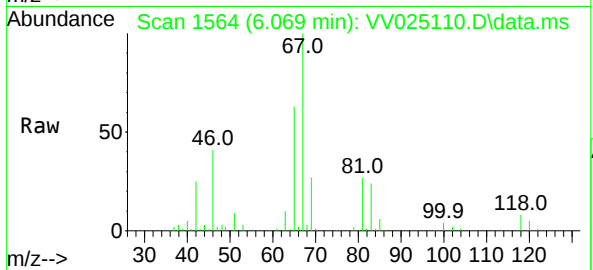




#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV025110.D
Acq: 21 Mar 2022 11:40

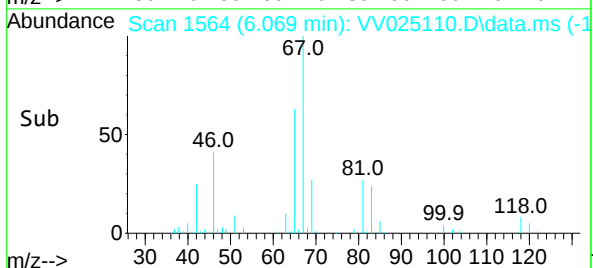
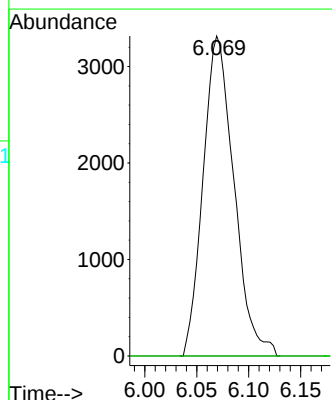
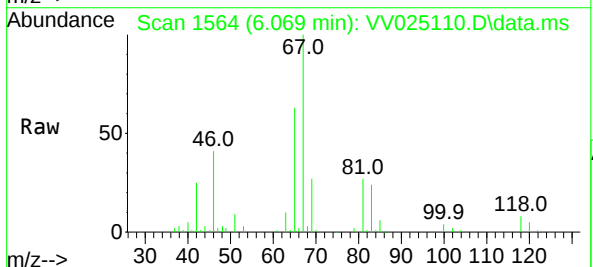
Instrument :
MSVOA_V
ClientSampleId :

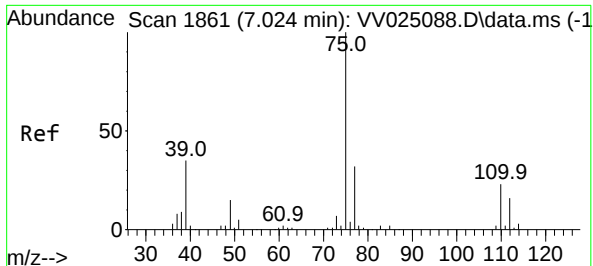
Tgt Ion: 83 Resp: 16408
Ion Ratio Lower Upper
83 100
55 0.5 55.4 83.0#
98 0.4 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV025110.D
Acq: 21 Mar 2022 11:40

Tgt Ion: 63 Resp: 6849
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025110.D

Acq: 21 Mar 2022 11:40

Instrument :

MSVOA_V

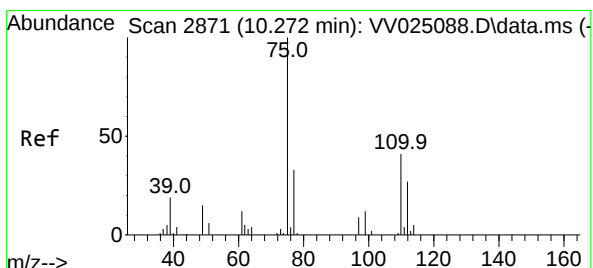
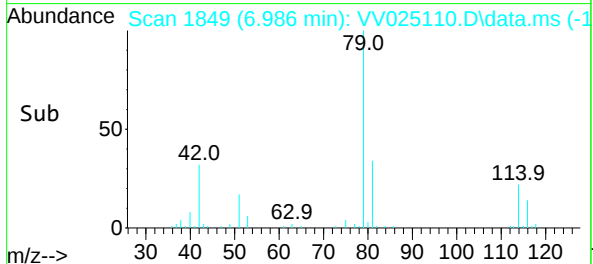
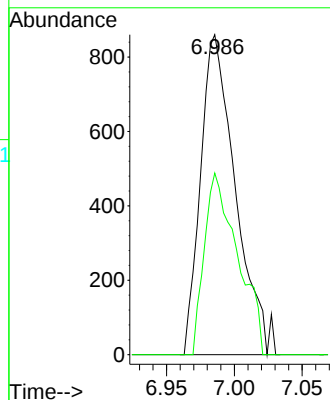
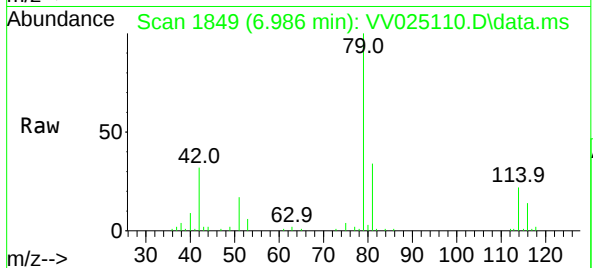
ClientSampleId :

Tgt Ion: 75 Resp: 1542

Ion Ratio Lower Upper

75 100

77 56.7 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 1.519 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025110.D

Acq: 21 Mar 2022 11:40

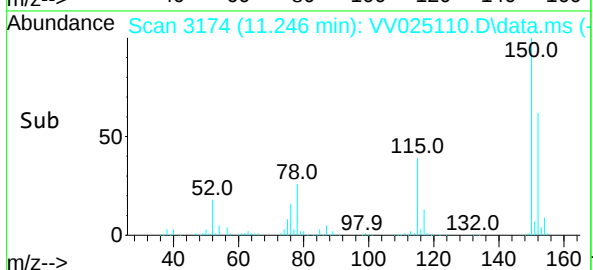
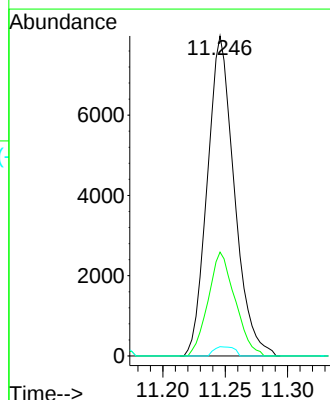
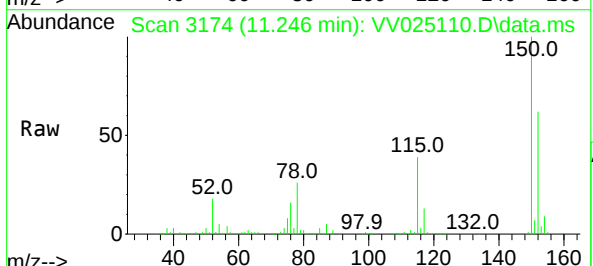
Tgt Ion: 75 Resp: 12028

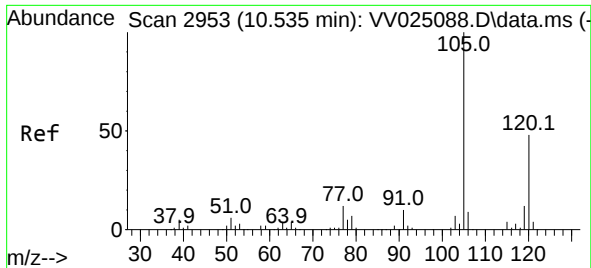
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

110 2.2 31.2 46.8#

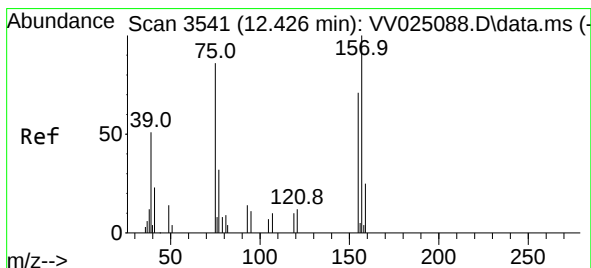
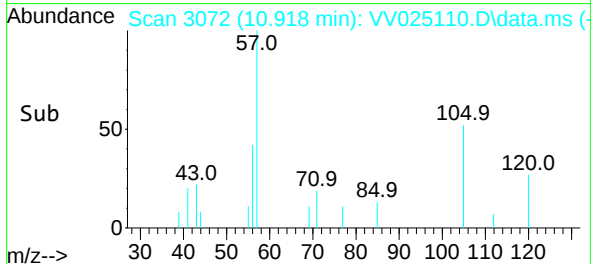
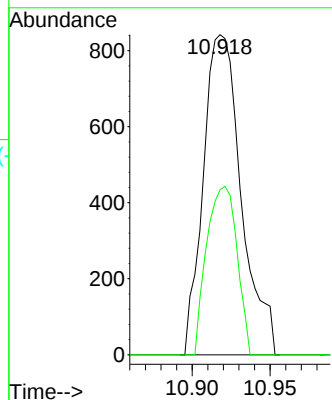
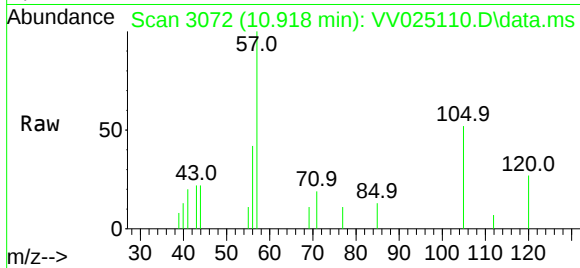




#62
 1,3,5-Trimethylbenzene
 Concen: 0.044 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.383 min
 Lab File: VV025110.D
 Acq: 21 Mar 2022 11:40

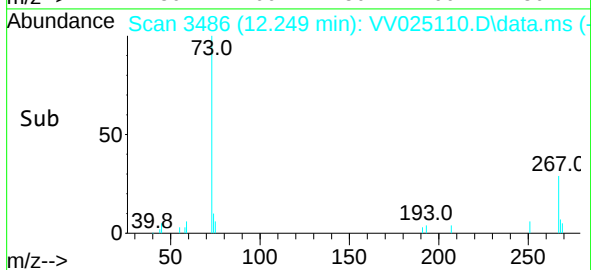
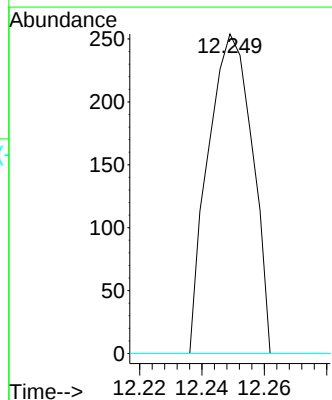
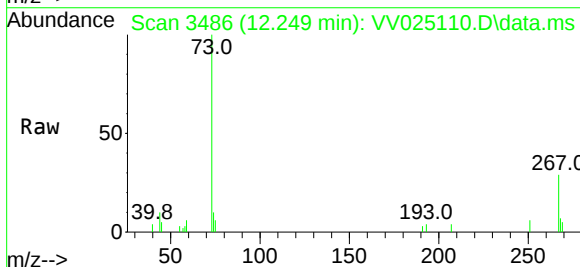
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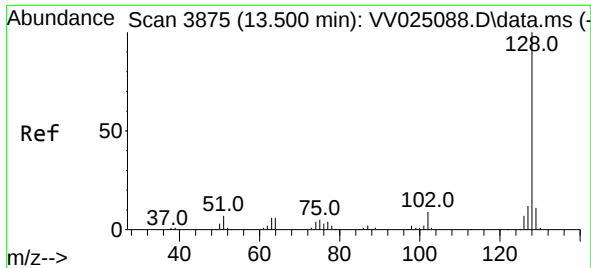
Tgt Ion:105 Resp: 1428
 Ion Ratio Lower Upper
 105 100
 120 41.7 38.5 57.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.183 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.177 min
 Lab File: VV025110.D
 Acq: 21 Mar 2022 11:40

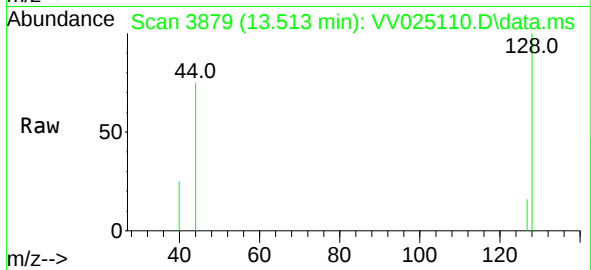
Tgt Ion: 75 Resp: 249
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.9 98.9#
 157 0.0 89.7 134.5#





#71
Naphthalene
Concen: 0.054 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV025110.D
Acq: 21 Mar 2022 11:40

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1532
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 5.7 9.8 14.8#

