

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024105.D
 Acq On : 19 Dec 2021 22:15
 Operator : SY/MD
 Sample : M5148-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:18:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

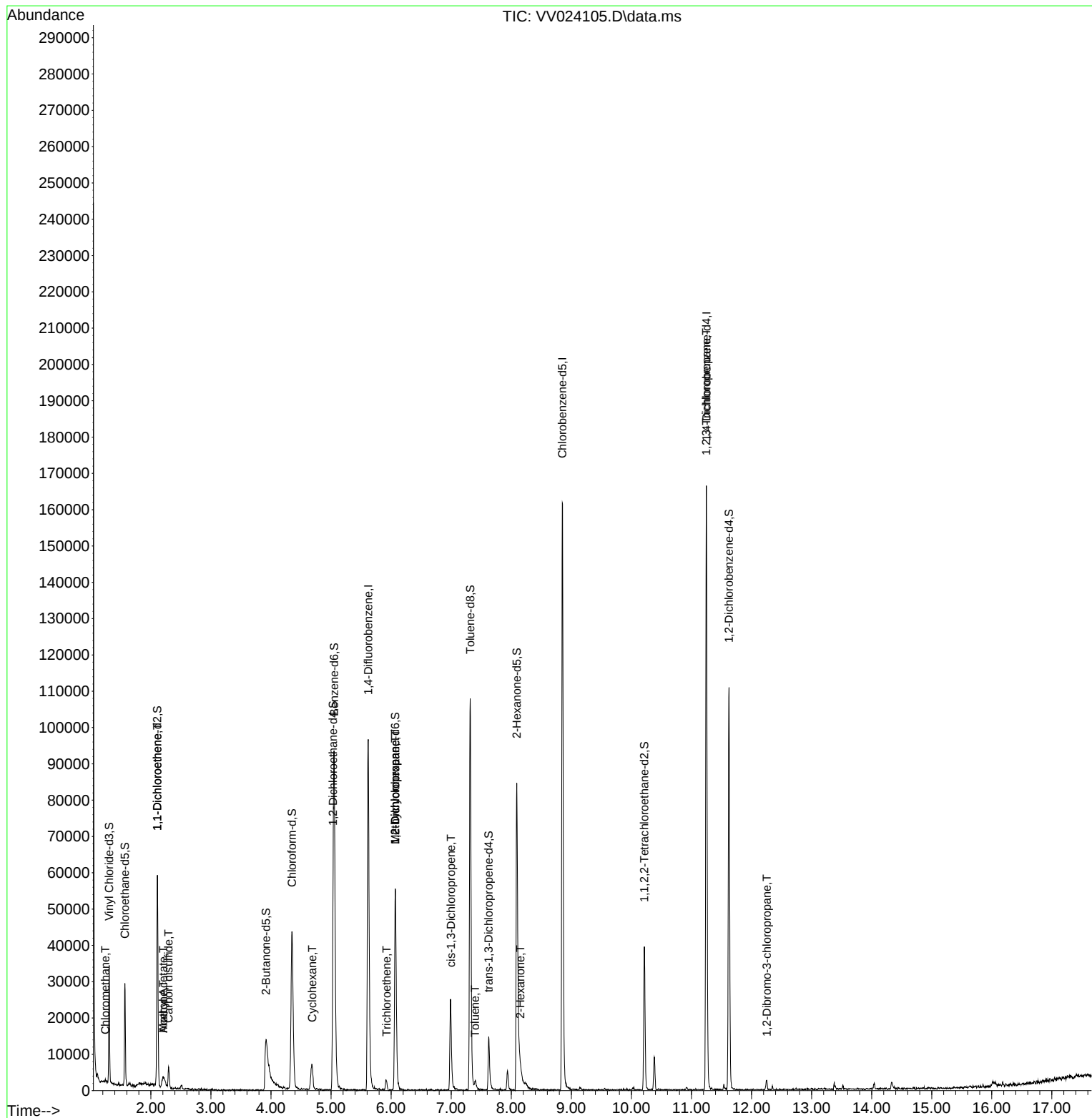
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	85109	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	92593	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	18381	4.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.568	69	17130	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.108	63	28713	3.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.918	46	31288	35.002	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.000%
24) Chloroform-d	4.349	84	45392	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	5.034	65	23994	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.053	84	83567	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.069	67	24815	4.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.317	98	71563	4.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	7763	3.382	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.091	63	30903	30.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18006	3.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	29223	4.800	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	334	0.053	ug/L #	43
12) 1,1-Dichloroethene	2.108	96	398	0.070	ug/L #	1
13) Acetone	2.204	43	8626	12.062	ug/L	95
14) Carbon disulfide	2.294	76	6122	0.370	ug/L	99
15) Methyl Acetate	2.204	43	8626	4.976	ug/L #	50
30) Cyclohexane	4.686	56	3367	0.350	ug/L #	82
34) Trichloroethene	5.924	95	512	0.069	ug/L #	76
35) Methylcyclohexane	6.069	83	7000	0.644	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	3237	0.520	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	868	0.094	ug/L	90
42) Toluene	7.397	91	2215	0.075	ug/L	87
48) 2-Hexanone	8.153	43	2657	1.225	ug/L #	58
61) 1,2,3-Trichloropropane	11.246	75	4595	1.480	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.255	75	93	0.137	ug/L #	1

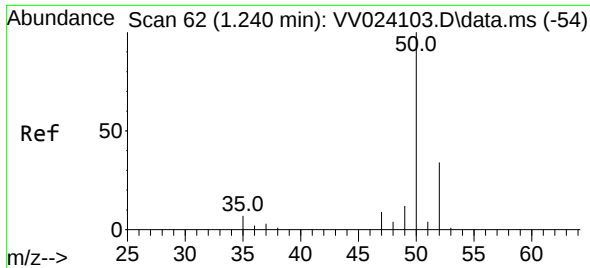
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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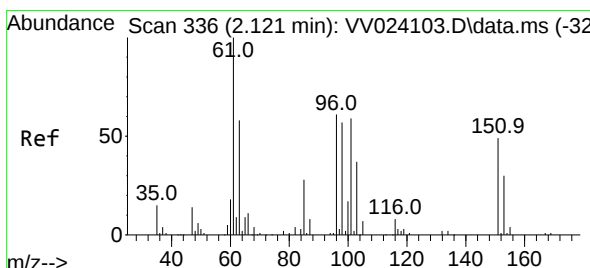
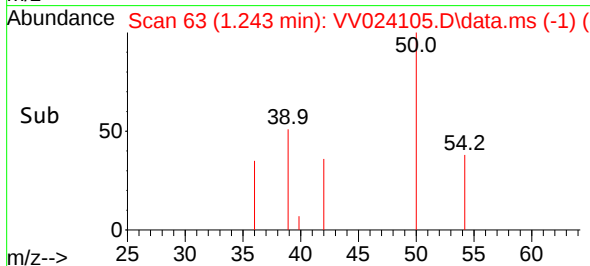
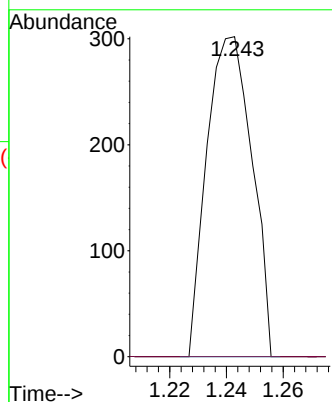
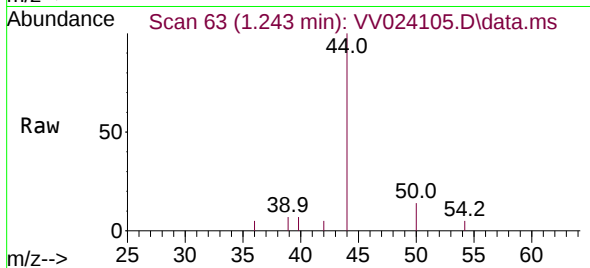




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024105.D
Acq: 19 Dec 2021 22:15

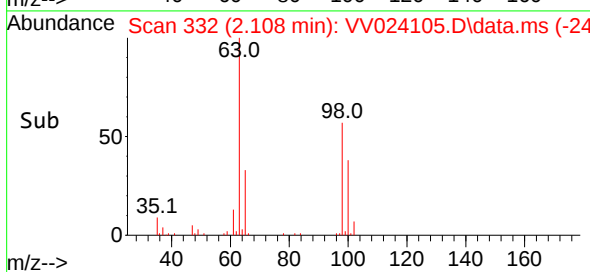
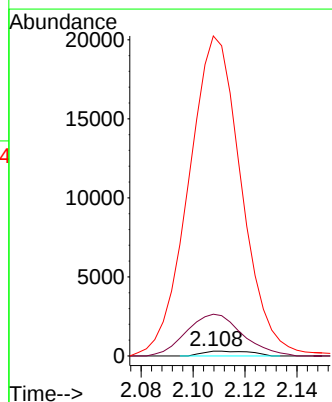
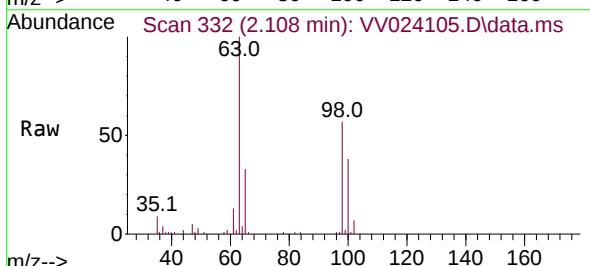
Instrument :
MSVOA_V
ClientSampleId :

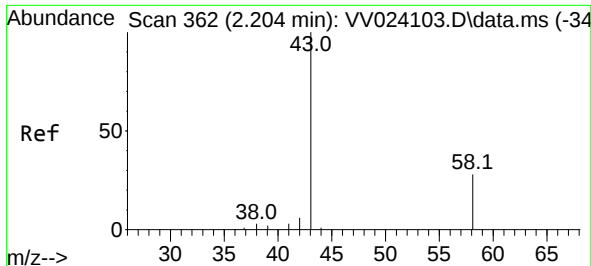
Tgt Ion: 50 Resp: 334
Ion Ratio Lower Upper
50 100
52 0.0 22.0 41.0#



#12
1,1-Dichloroethene
Concen: 0.070 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.013 min
Lab File: VV024105.D
Acq: 19 Dec 2021 22:15

Tgt Ion: 96 Resp: 398
Ion Ratio Lower Upper
96 100
61 877.1 116.1 215.5#
63 6724.3 79.4 147.4#





#13

Acetone

Concen: 12.062 ug/L

RT: 2.204 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV024105.D

Acq: 19 Dec 2021 22:15

Instrument :

MSVOA_V

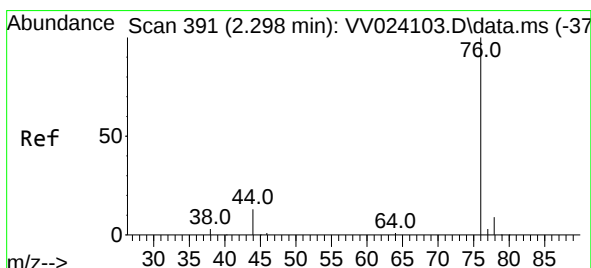
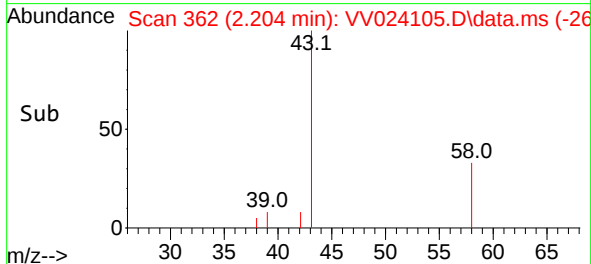
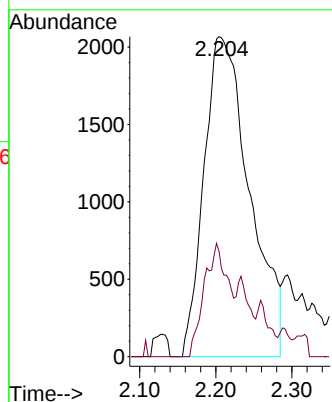
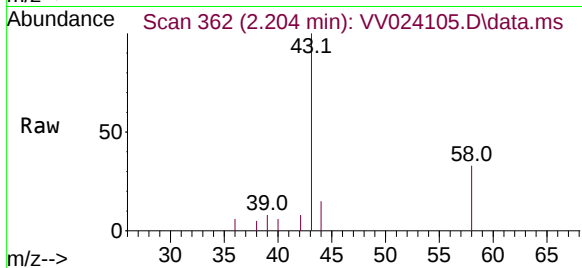
ClientSampleId :

Tgt Ion: 43 Resp: 8626

Ion Ratio Lower Upper

43 100

58 18.4 0.0 41.4



#14

Carbon disulfide

Concen: 0.370 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024105.D

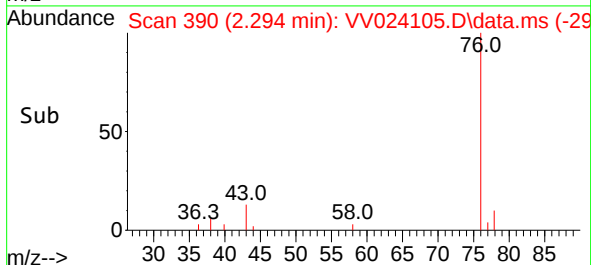
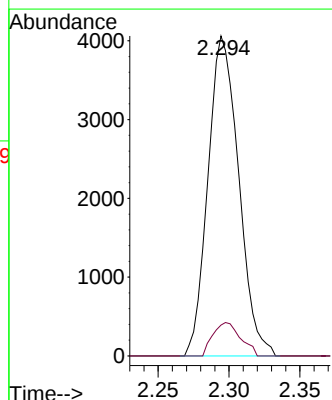
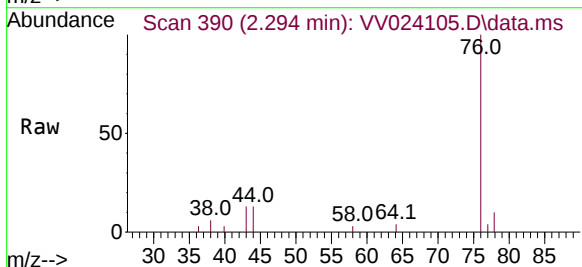
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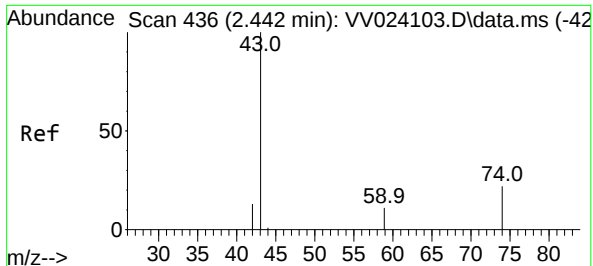
Tgt Ion: 76 Resp: 6122

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

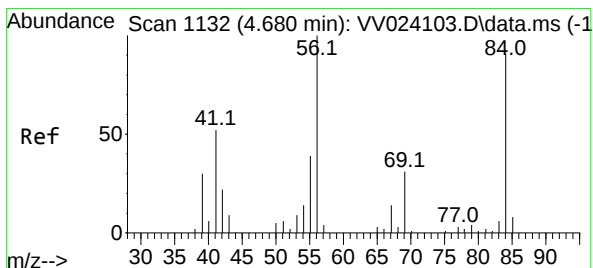
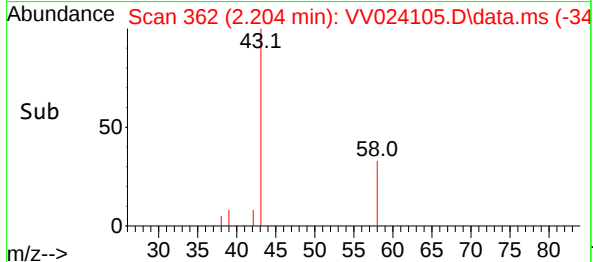
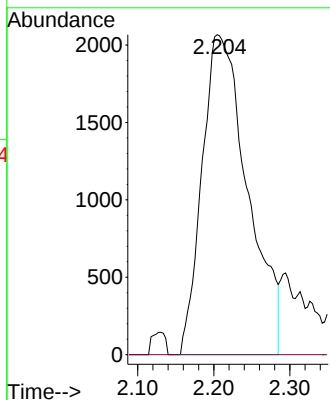
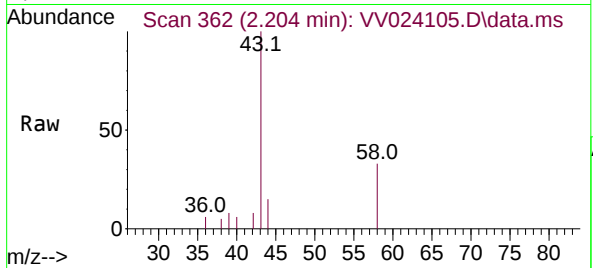




#15
Methyl Acetate
Concen: 4.976 ug/L
RT: 2.204 min Scan# 30
Delta R.T. -0.238 min
Lab File: VV024105.D
Acq: 19 Dec 2021 22:15

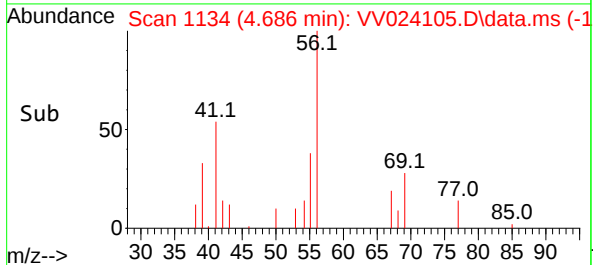
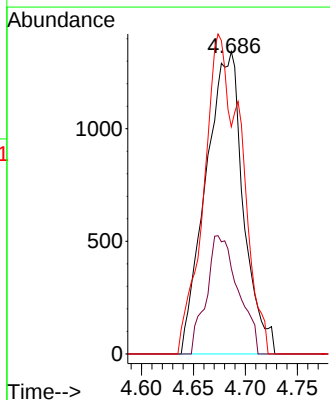
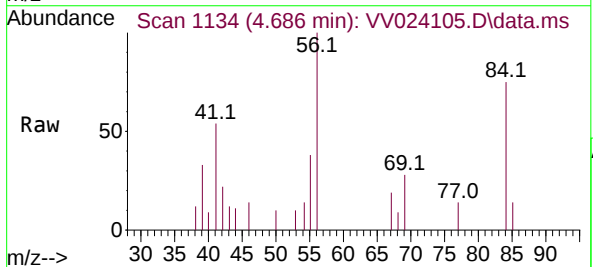
Instrument :
MSVOA_V
ClientSampleId :

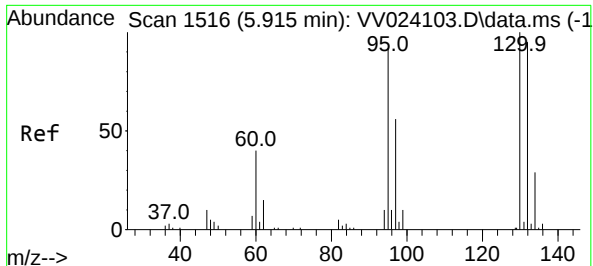
Tgt Ion: 43 Resp: 8626
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#30
Cyclohexane
Concen: 0.350 ug/L
RT: 4.686 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VV024105.D
Acq: 19 Dec 2021 22:15

Tgt Ion: 56 Resp: 3367
Ion Ratio Lower Upper
56 100
69 33.1 24.8 37.2
84 72.4 75.9 113.9#

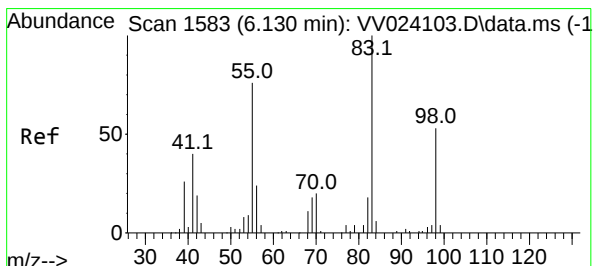
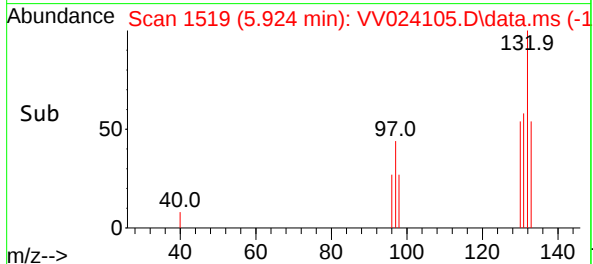
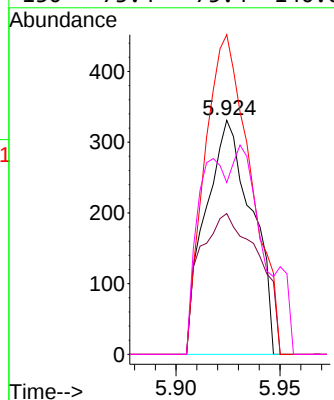
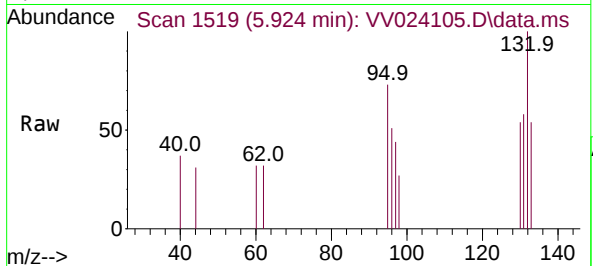




#34
Trichloroethene
Concen: 0.069 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV024105.D
Acq: 19 Dec 2021 22:15

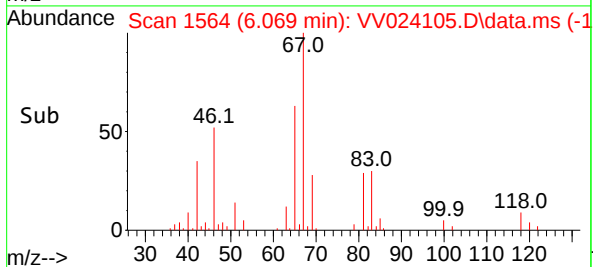
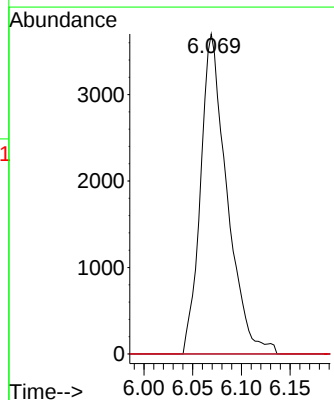
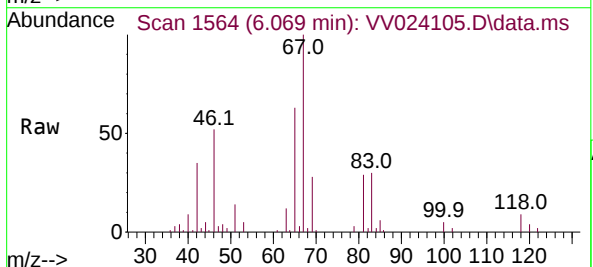
Instrument :
MSVOA_V
ClientSampleId :

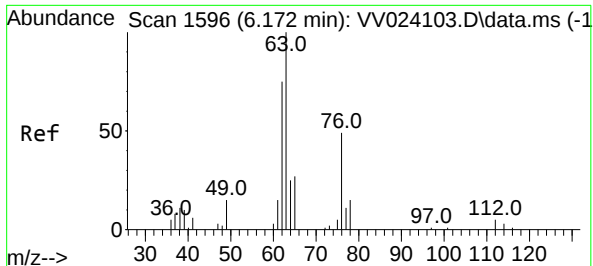
Tgt Ion: 95 Resp: 512
Ion Ratio Lower Upper
95 100
97 60.1 45.2 84.0
132 136.6 76.1 141.3
130 73.4 75.4 140.0#



#35
Methylcyclohexane
Concen: 0.644 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024105.D
Acq: 19 Dec 2021 22:15

Tgt Ion: 83 Resp: 7000
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 1.2 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.520 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024105.D

Acq: 19 Dec 2021 22:15

Instrument :

MSVOA_V

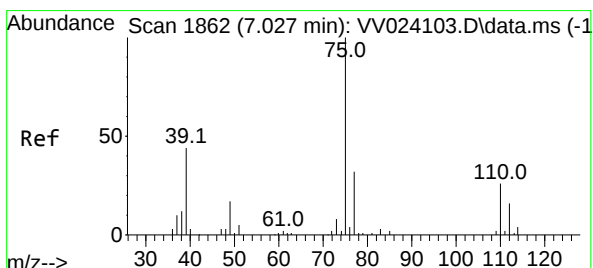
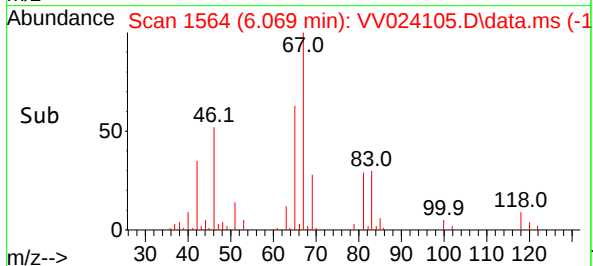
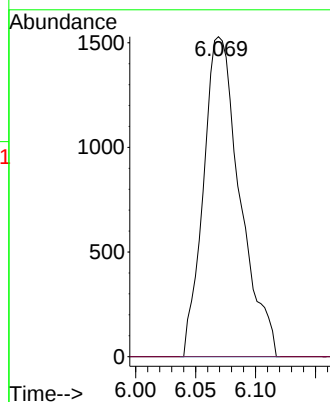
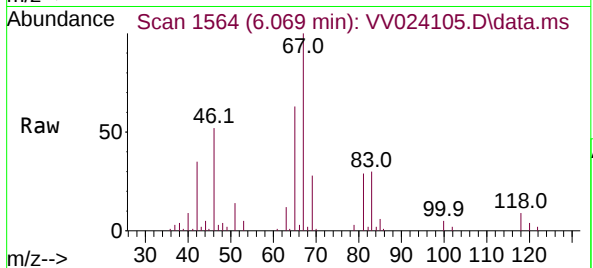
ClientSampleId :

Tgt Ion: 63 Resp: 3237

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV024105.D

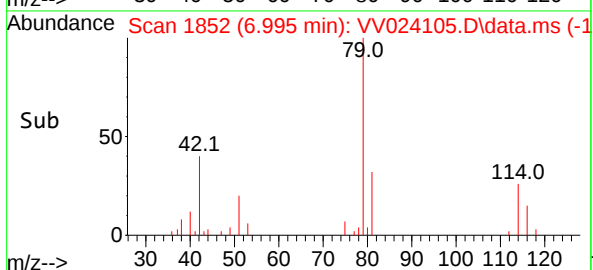
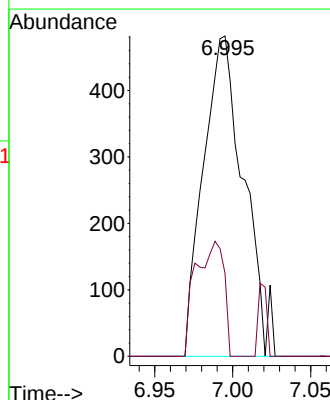
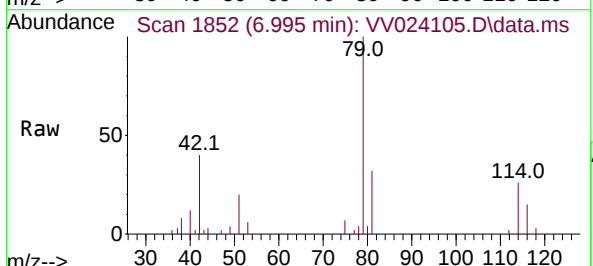
Acq: 19 Dec 2021 22:15

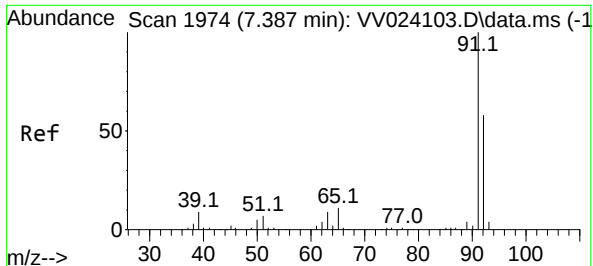
Tgt Ion: 75 Resp: 868

Ion Ratio Lower Upper

75 100

77 25.9 22.0 41.0





#42

Toluene

Concen: 0.075 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV024105.D

Acq: 19 Dec 2021 22:15

Instrument :

MSVOA_V

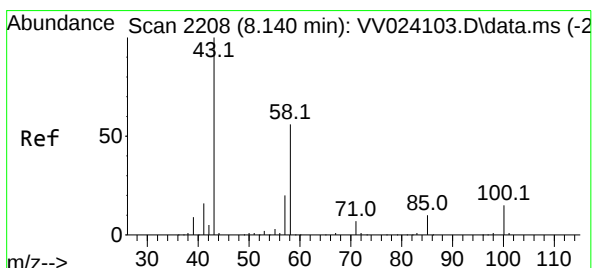
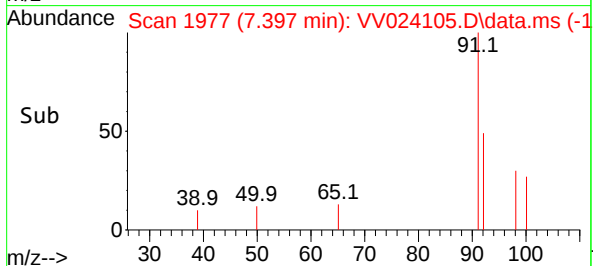
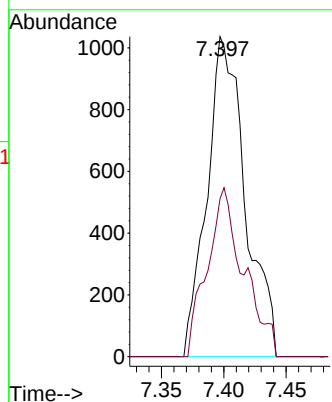
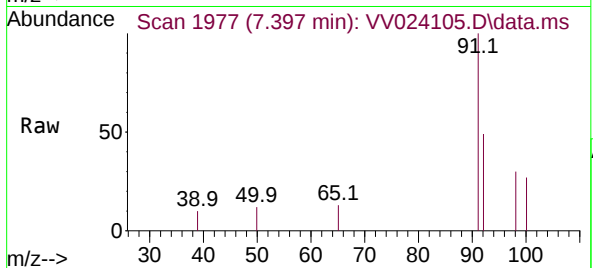
ClientSampleId :

Tgt Ion: 91 Resp: 2215

Ion Ratio Lower Upper

91 100

92 49.4 41.5 77.1



#48

2-Hexanone

Concen: 1.225 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.013 min

Lab File: VV024105.D

Acq: 19 Dec 2021 22:15

Tgt Ion: 43 Resp: 2657

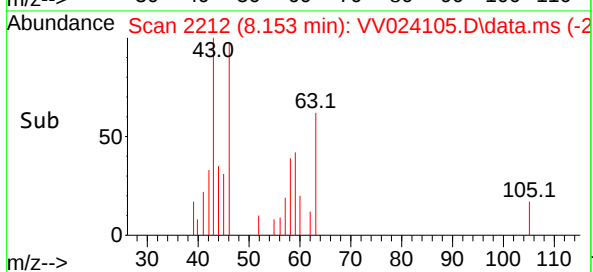
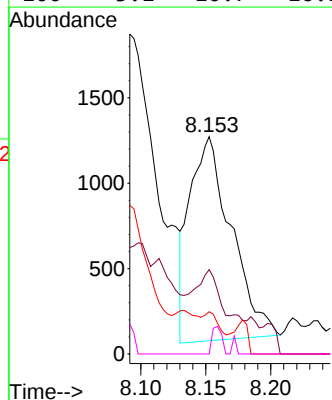
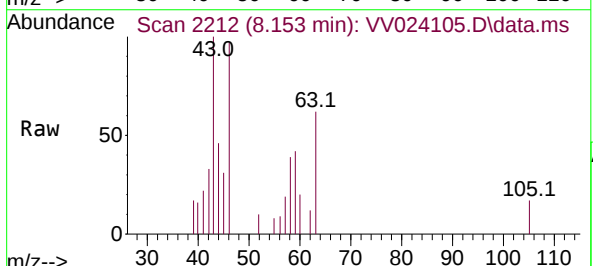
Ion Ratio Lower Upper

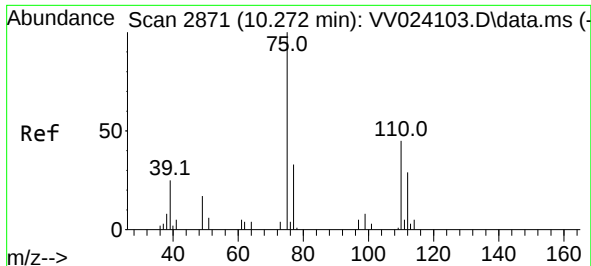
43 100

58 22.3 44.5 66.7#

57 0.0 15.1 22.7#

100 3.1 10.7 16.1#

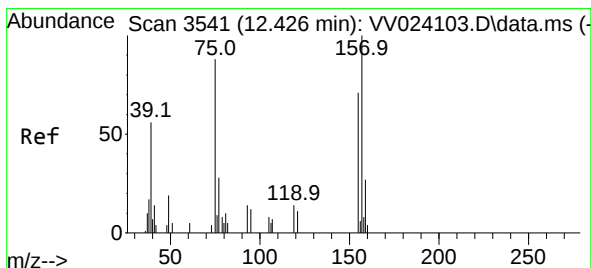
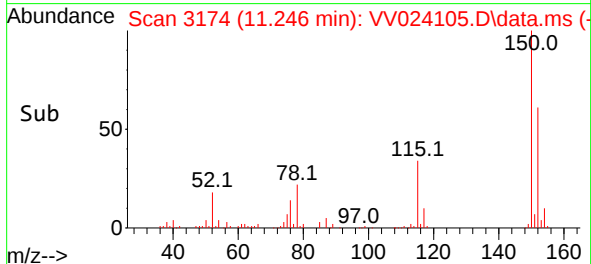
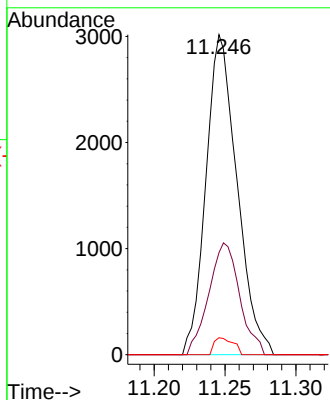
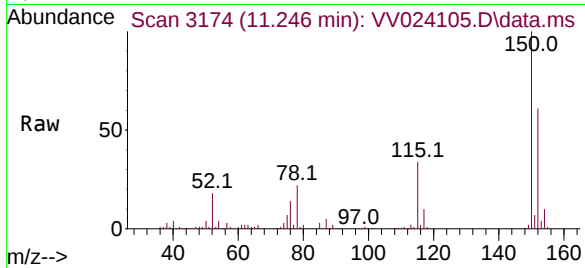




#61
1,2,3-Trichloropropane
Concen: 1.480 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV024105.D
Acq: 19 Dec 2021 22:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 4595
Ion Ratio Lower Upper
75 100
77 34.8 26.4 39.6
110 3.3 34.2 51.2#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.137 ug/L
RT: 12.255 min Scan# 3488
Delta R.T. -0.170 min
Lab File: VV024105.D
Acq: 19 Dec 2021 22:15

Tgt Ion: 75 Resp: 93
Ion Ratio Lower Upper
75 100
155 0.0 71.7 107.5#
157 0.0 103.3 154.9#

