

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024108.D
 Acq On : 19 Dec 2021 23:26
 Operator : SY/MD
 Sample : M5148-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:19:14 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)

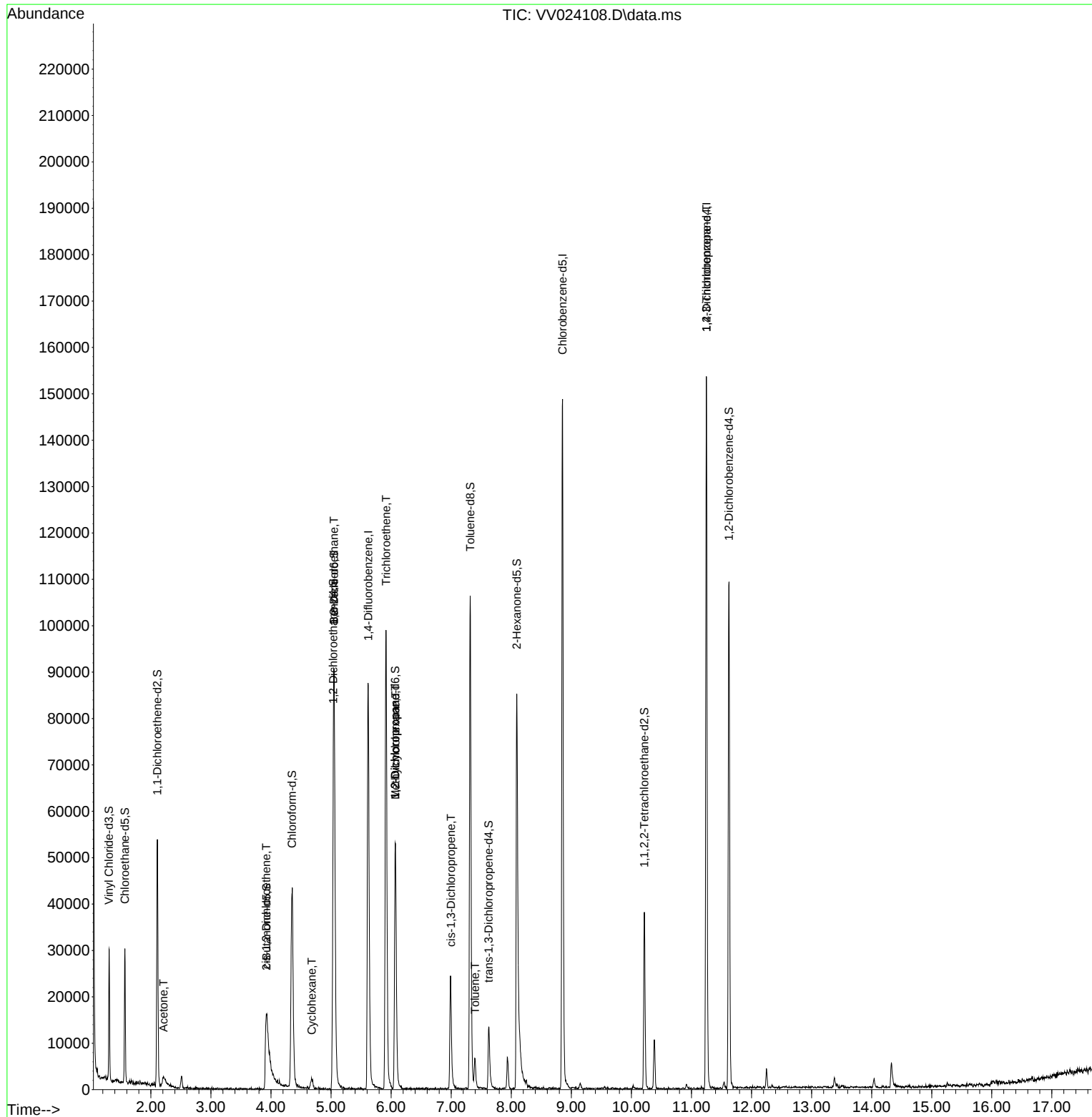
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	82686	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	85309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	41272	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	17328	3.898	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.567	69	16533	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.108	63	27073	3.120	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.928	46	33830	38.955	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.900%
24) Chloroform-d	4.352	84	45398	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.037	65	23490	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.050	84	81512	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.069	67	24223	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.316	98	73693	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.625	79	8605	4.069	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.091	63	31319	33.082	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.160%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17214	4.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	30154	5.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
					Qvalue	
13) Acetone	2.211	43	4695	6.757	ug/L	90
22) cis-1,2-Dichloroethene	3.921	96	2295	0.353	ug/L	97
27) 1,2-Dichloroethane	5.050	62	553	0.083	ug/L #	73
30) Cyclohexane	4.680	56	848	0.096	ug/L #	92
34) Trichloroethene	5.915	95	33272	4.888	ug/L	98
35) Methylcyclohexane	6.072	83	6668	0.666	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	3275	0.571	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	994	0.117	ug/L #	67
42) Toluene	7.397	91	4773	0.176	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	4367	1.553	ug/L #	61

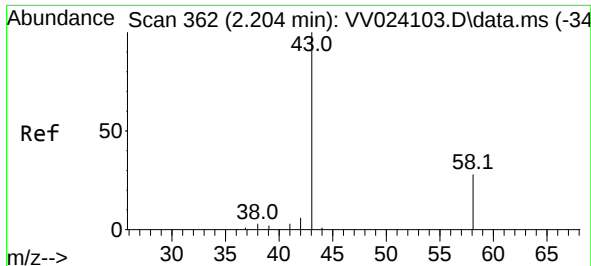
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 04:04:22 2021
Response via : Initial Calibration





#13

Acetone

Concen: 6.757 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

Instrument :

MSVOA_V

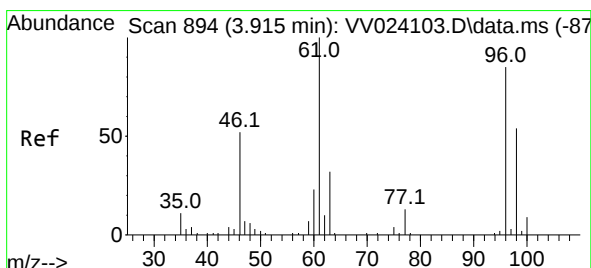
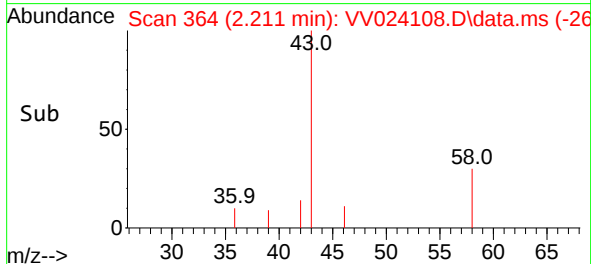
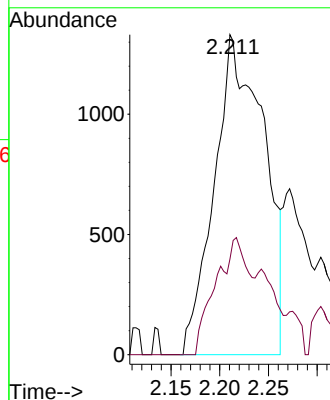
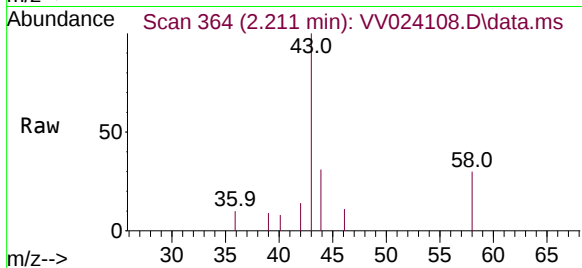
ClientSampleId :

Tgt Ion: 43 Resp: 4695

Ion Ratio Lower Upper

43 100

58 25.2 0.0 41.4



#22

cis-1,2-Dichloroethene

Concen: 0.353 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.006 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

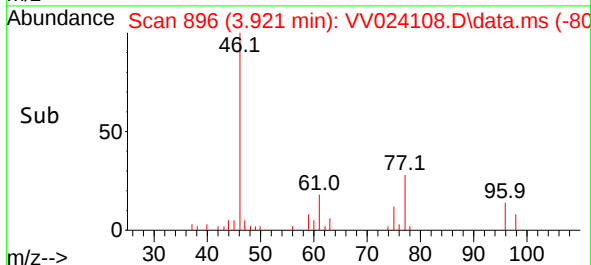
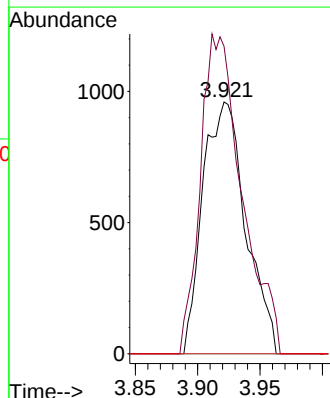
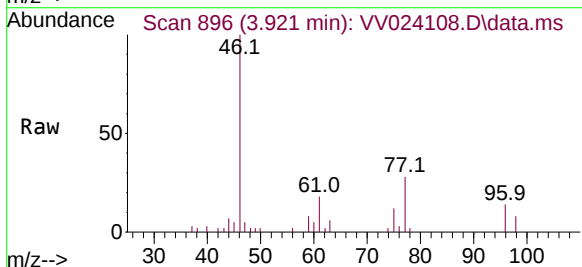
Tgt Ion: 96 Resp: 2295

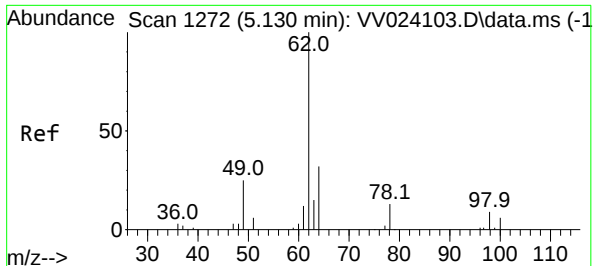
Ion Ratio Lower Upper

96 100

61 122.1 83.4 154.8

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.083 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.081 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

Instrument :

MSVOA_V

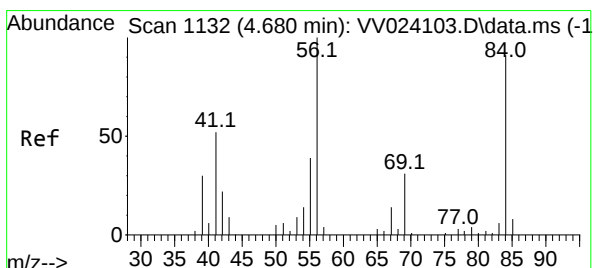
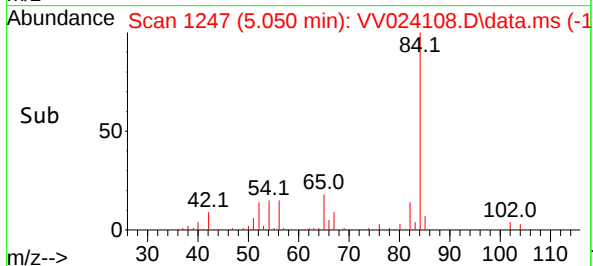
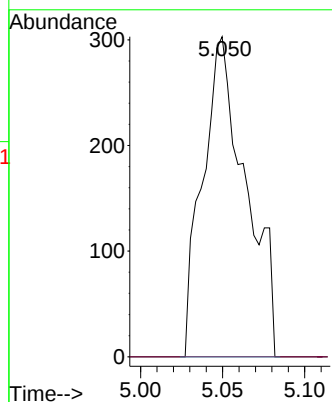
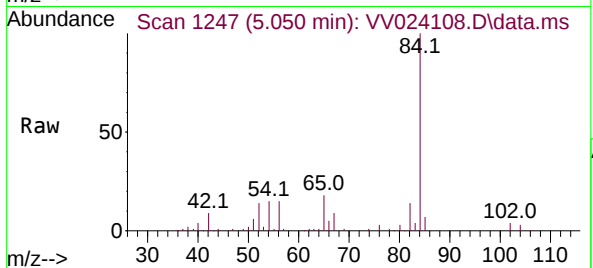
ClientSampleId :

Tgt Ion: 62 Resp: 553

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#30

Cyclohexane

Concen: 0.096 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

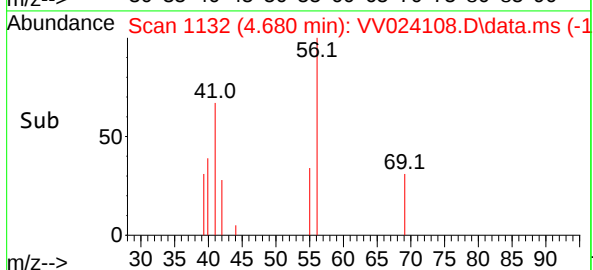
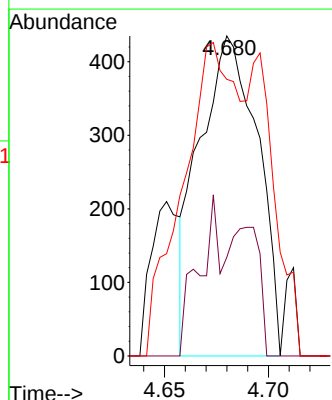
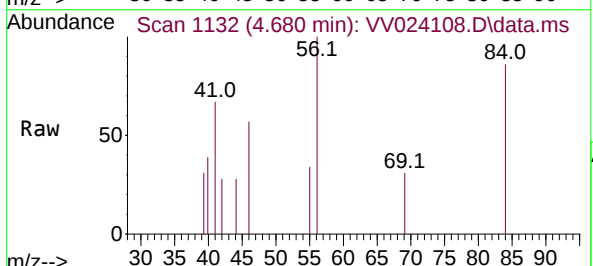
Tgt Ion: 56 Resp: 848

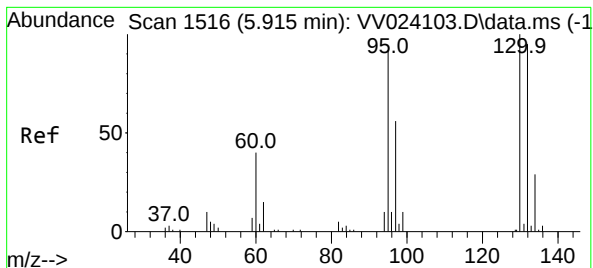
Ion Ratio Lower Upper

56 100

69 20.8 24.8 37.2#

84 90.4 75.9 113.9





#34

Trichloroethene

Concen: 4.888 ug/L

RT: 5.915 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 33272

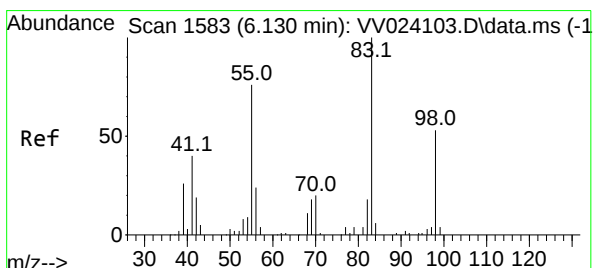
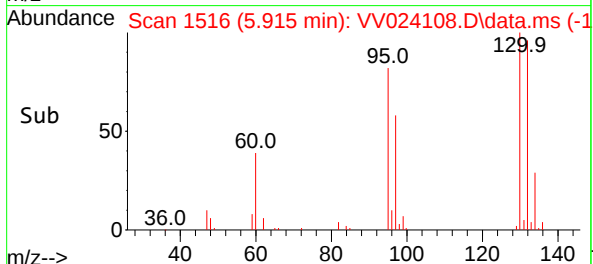
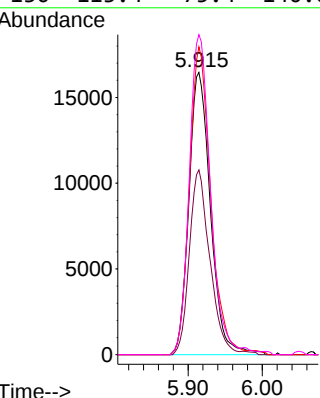
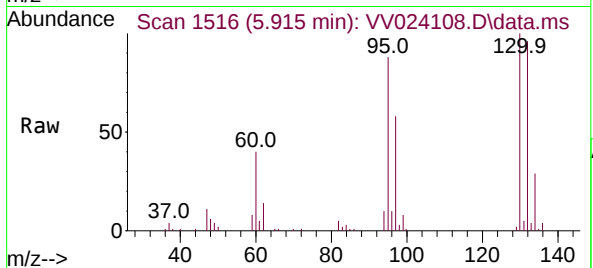
Ion Ratio Lower Upper

95 100

97 65.5 45.2 84.0

132 109.0 76.1 141.3

130 113.4 75.4 140.0



#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

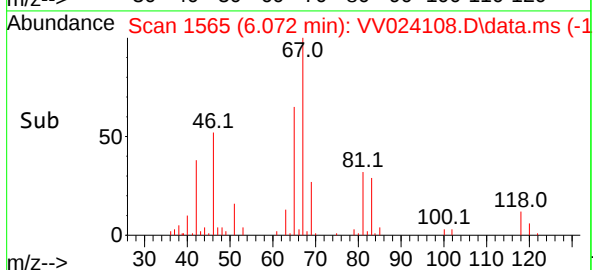
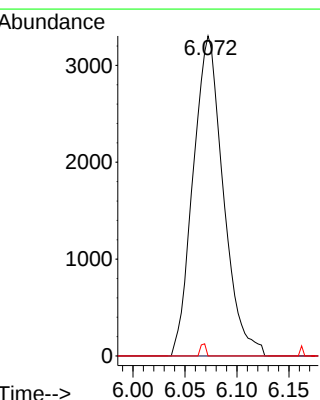
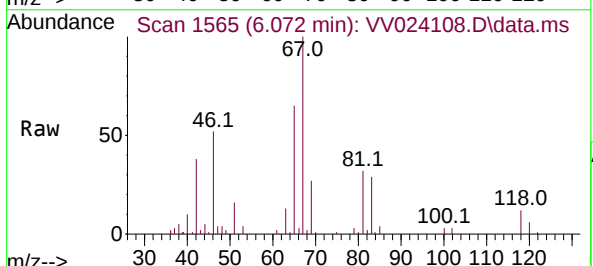
Tgt Ion: 83 Resp: 6668

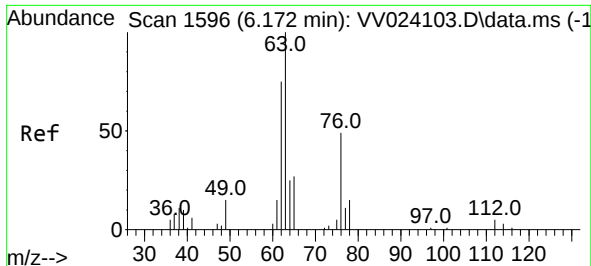
Ion Ratio Lower Upper

83 100

55 0.0 60.2 90.2#

98 0.7 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

Instrument :

MSVOA_V

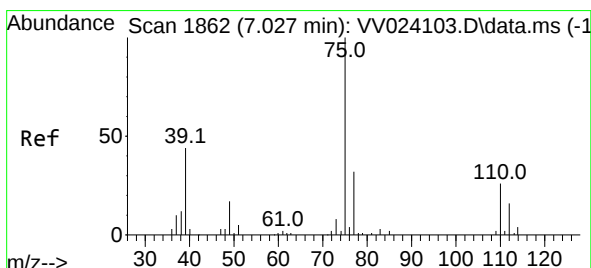
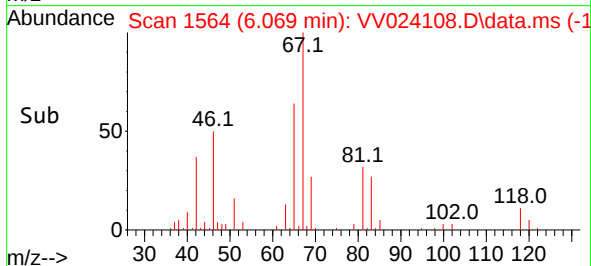
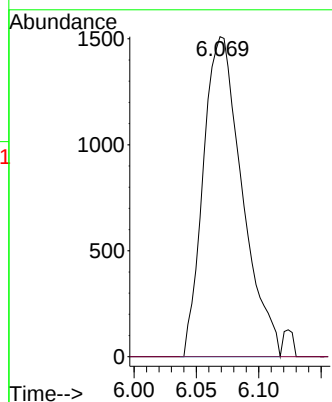
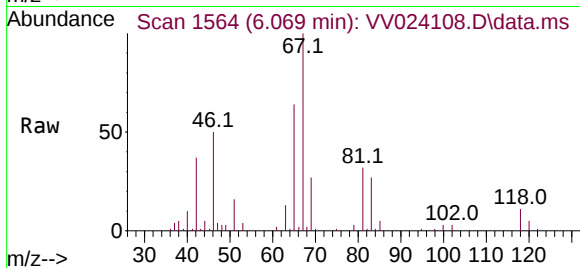
ClientSampleId :

Tgt Ion: 63 Resp: 3275

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV024108.D

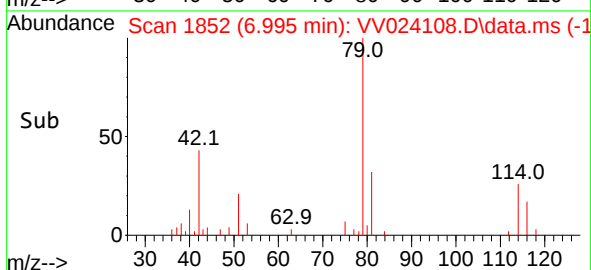
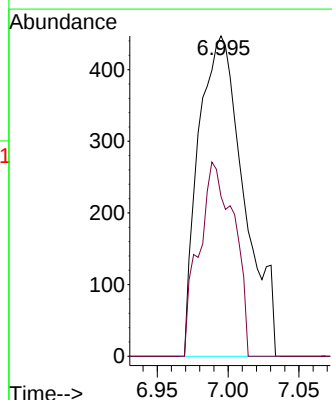
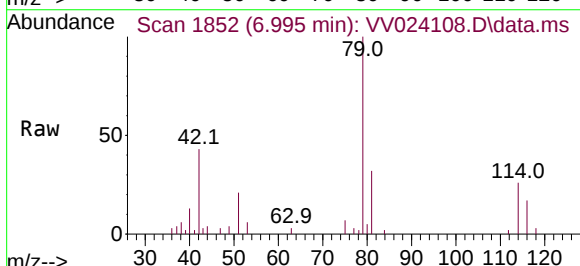
Acq: 19 Dec 2021 23:26

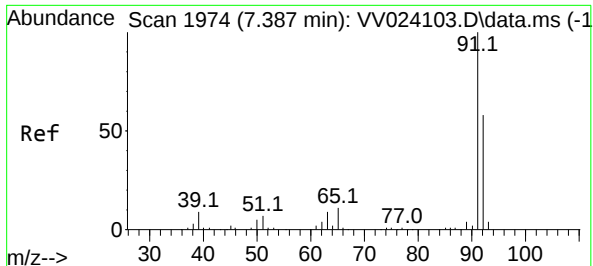
Tgt Ion: 75 Resp: 994

Ion Ratio Lower Upper

75 100

77 49.9 22.0 41.0#





#42

Toluene

Concen: 0.176 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.009 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

Instrument :

MSVOA_V

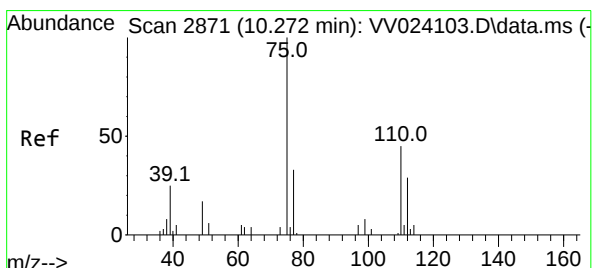
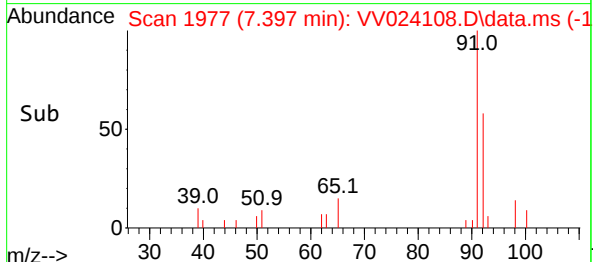
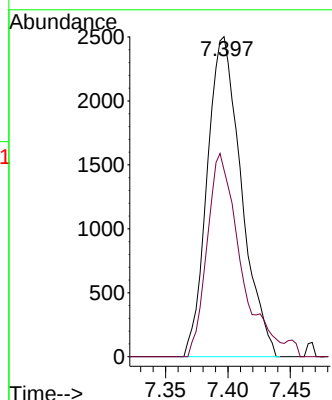
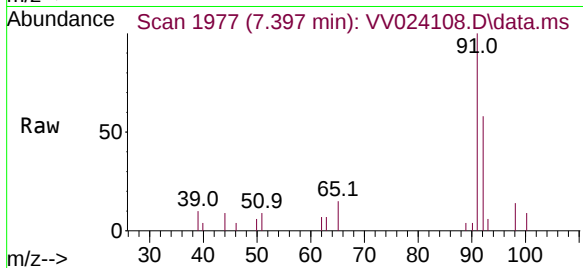
ClientSampleId :

Tgt Ion: 91 Resp: 4773

Ion Ratio Lower Upper

91 100

92 58.3 41.5 77.1



#61

1,2,3-Trichloropropane

Concen: 1.553 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024108.D

Acq: 19 Dec 2021 23:26

Tgt Ion: 75 Resp: 4367

Ion Ratio Lower Upper

75 100

77 29.8 26.4 39.6

110 1.8 34.2 51.2

