

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021613.D
 Acq On : 23 Dec 2021 14:57
 Operator : SY/VA
 Sample : M5174-12
 Misc : 6.91g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:33:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

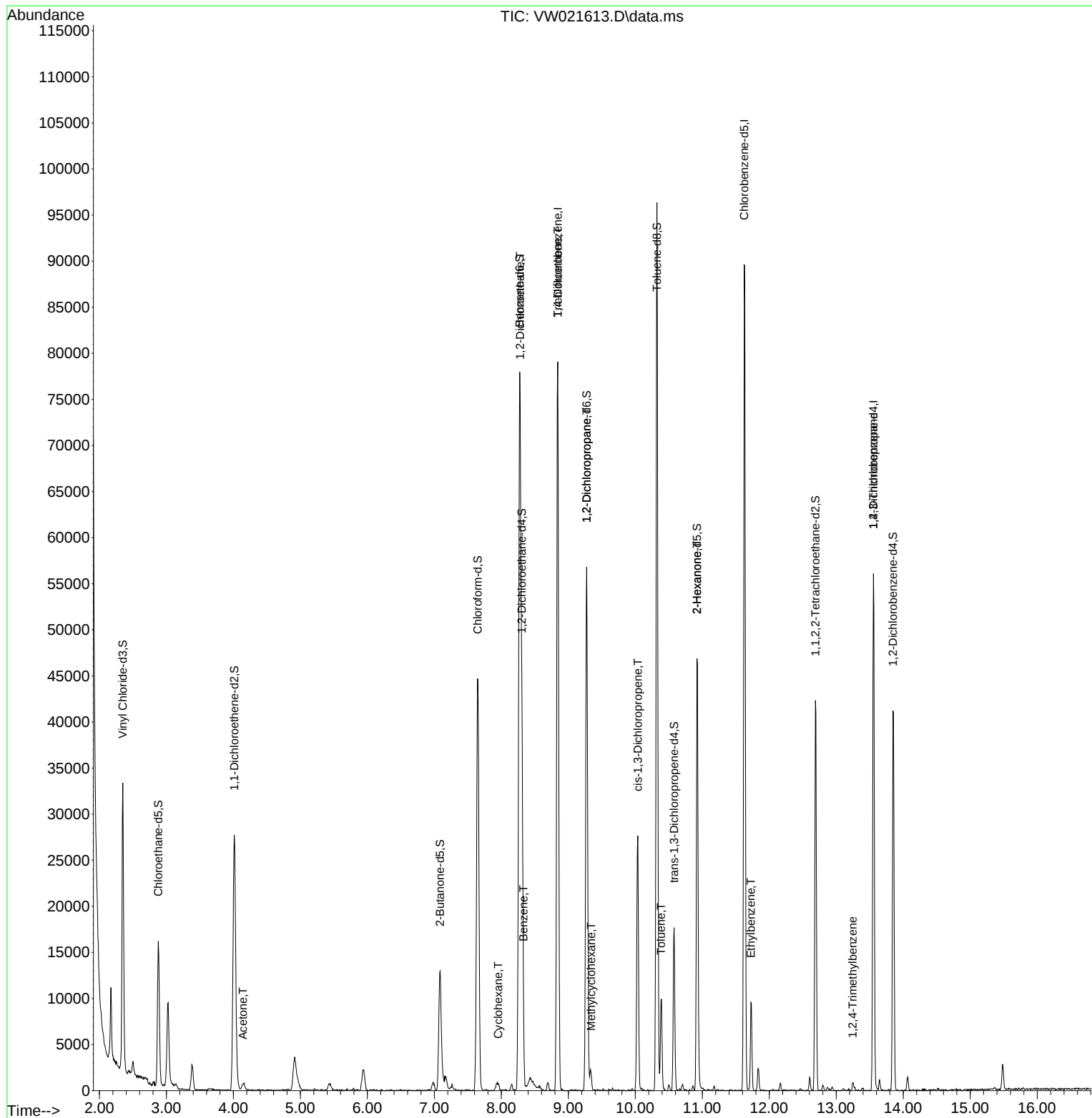
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	69329	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	51675	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	15000	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	23464	18.583	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.320%
7) Chloroethane-d5	2.879	69	17858	21.394	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.560%
11) 1,1-Dichloroethene-d2	4.013	63	26347	15.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.600%
21) 2-Butanone-d5	7.086	46	22032	123.785	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	247.580%#
24) Chloroform-d	7.647	84	45690	23.649	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	8.305	65	30285	29.468	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.880%
32) Benzene-d6	8.275	84	77937	27.515	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.080%
36) 1,2-Dichloropropane-d6	9.275	67	24225	31.890	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.560%#
41) Toluene-d8	10.323	98	62102	21.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.840%
43) trans-1,3-Dichloroprop...	10.579	79	9279	26.529	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.120%
47) 2-Hexanone-d5	10.921	63	15939	141.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	283.780%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	18834	28.841	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.360%
66) 1,2-Dichlorobenzene-d4	13.847	152	11730	20.178	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.720%
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	871	5.459	ug/L	89
27) 1,2-Dichloroethane	8.281	62	553	0.515	ug/L #	77
29) Cyclohexane	7.952	56	504	0.490	ug/L #	73
33) Benzene	8.330	78	1642	0.583	ug/L	100
34) Trichloroethene	8.842	95	2120	2.683	ug/L #	5
35) Methylcyclohexane	9.342	83	970	0.744	ug/L #	69
37) 1,2-Dichloropropane	9.275	63	3136	4.994	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	778	0.786	ug/L #	62
42) Toluene	10.384	91	7395	2.246	ug/L	97
48) 2-Hexanone	10.921	43	2079	8.379	ug/L #	67
52) Ethylbenzene	11.725	91	6908	1.836	ug/L	99
61) 1,2,3-Trichloropropane	13.554	75	1814	8.309	ug/L #	65
63) 1,2,4-Trimethylbenzene	13.243	105	899	0.525	ug/L	95

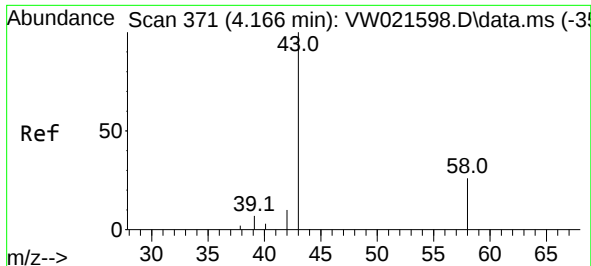
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 00:28:54 2021
Response via : Initial Calibration





#13

Acetone

Concen: 5.459 ug/L

RT: 4.141 min Scan# 3

Delta R.T. -0.024 min

Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

Instrument :

MSVOA_W

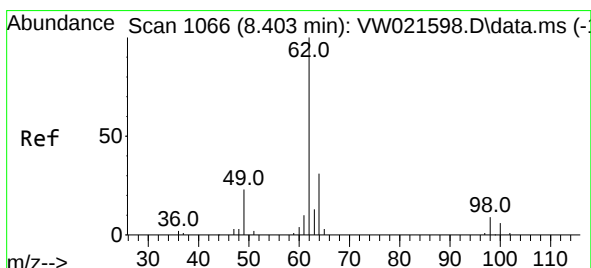
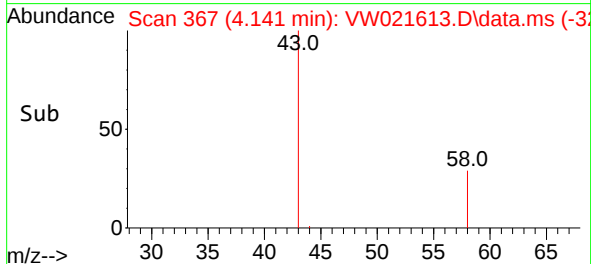
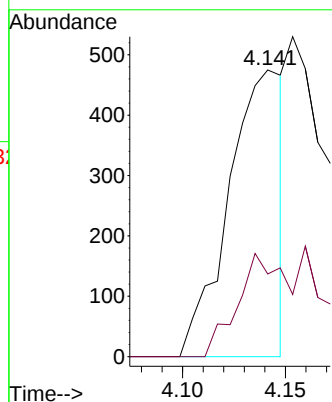
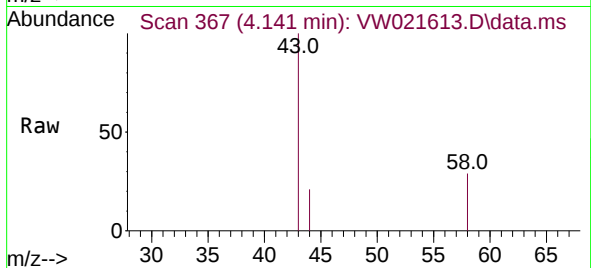
ClientSampleId :

Tgt Ion: 43 Resp: 871

Ion Ratio Lower Upper

43 100

58 32.3 0.0 52.8



#27

1,2-Dichloroethane

Concen: 0.515 ug/L

RT: 8.281 min Scan# 1046

Delta R.T. -0.122 min

Lab File: VW021613.D

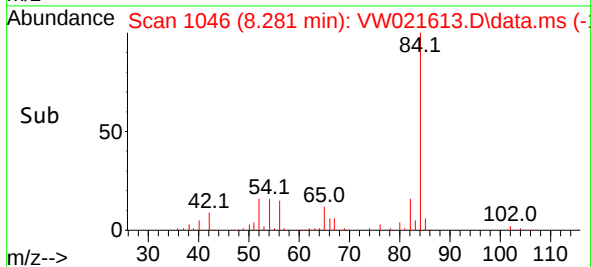
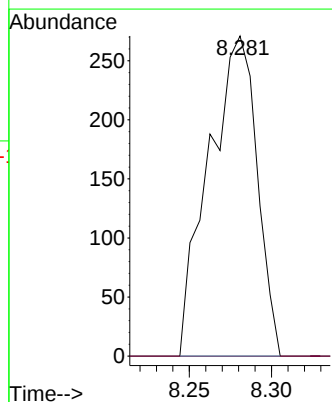
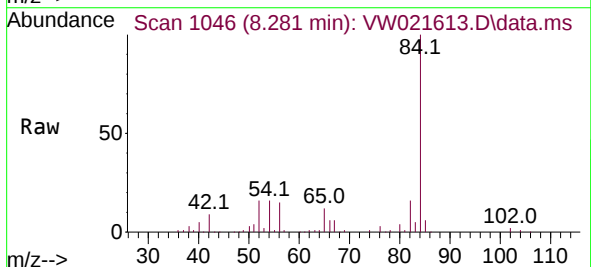
Acq: 23 Dec 2021 14:57

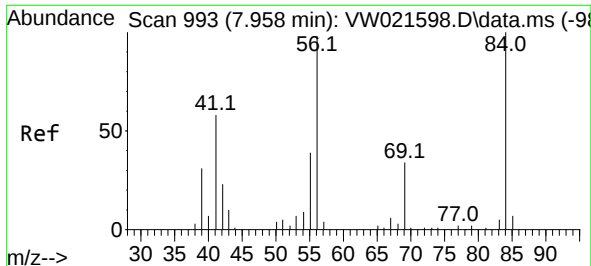
Tgt Ion: 62 Resp: 553

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#





#29

Cyclohexane

Concen: 0.490 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

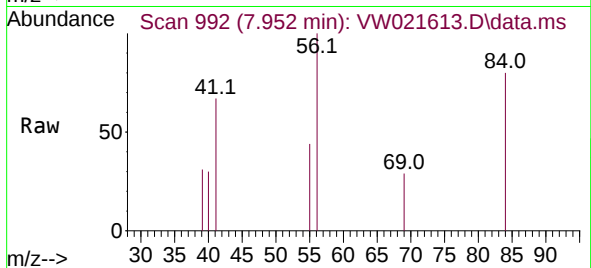
Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

Instrument :

MSVOA_W

ClientSampleId :



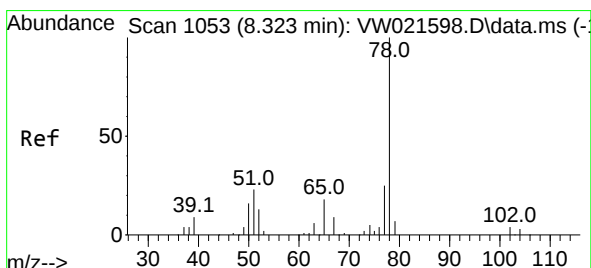
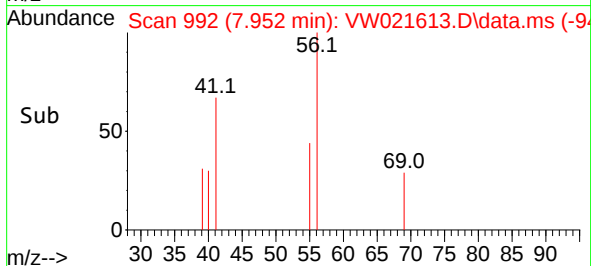
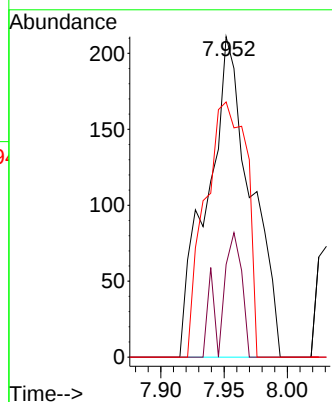
Tgt Ion: 56 Resp: 504

Ion Ratio Lower Upper

56 100

69 14.5 23.5 35.3#

84 55.6 63.4 95.2#



#33

Benzene

Concen: 0.583 ug/L

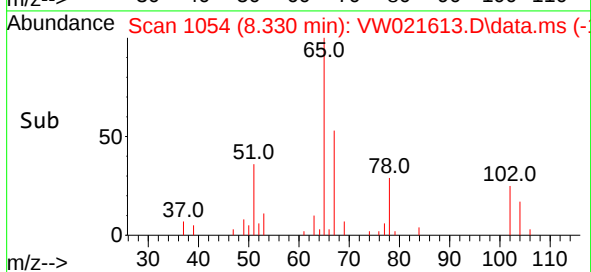
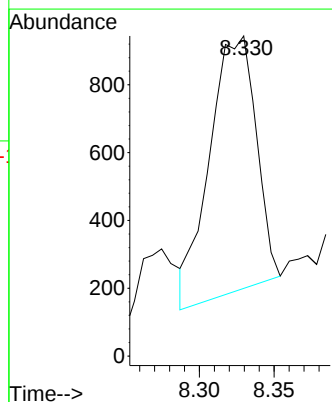
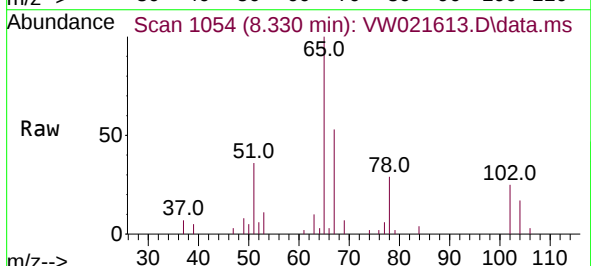
RT: 8.330 min Scan# 1054

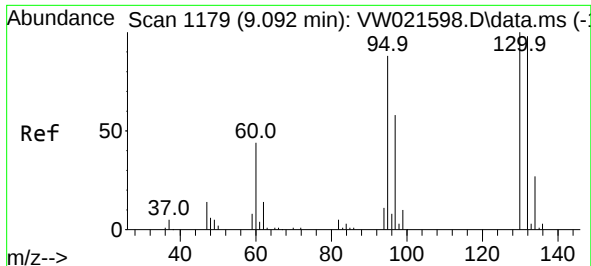
Delta R.T. 0.006 min

Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

Tgt Ion: 78 Resp: 1642





#34

Trichloroethene

Concen: 2.683 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

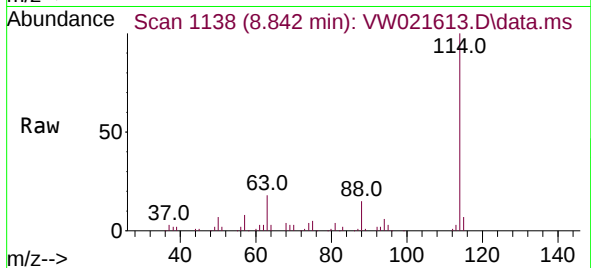
Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 2120

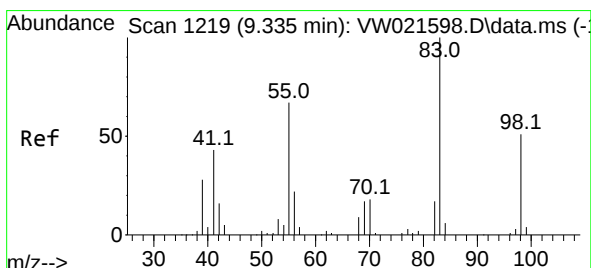
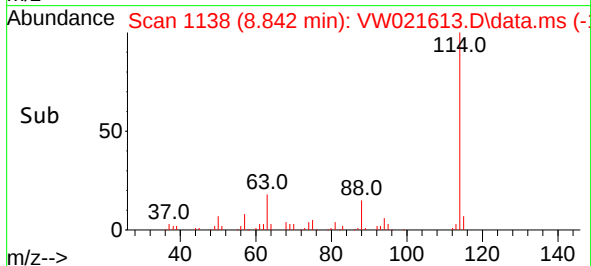
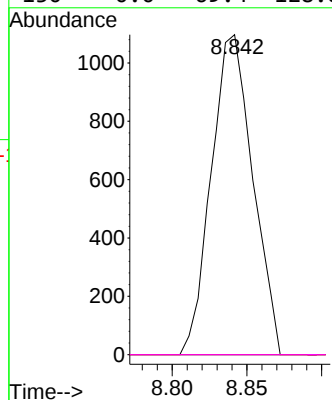
Ion Ratio Lower Upper

95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

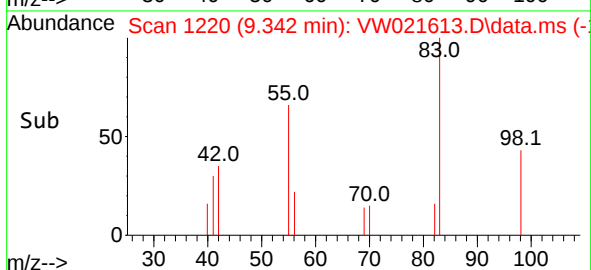
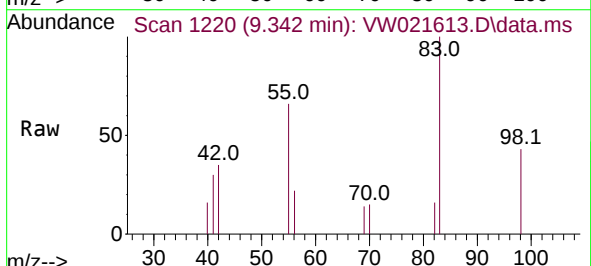
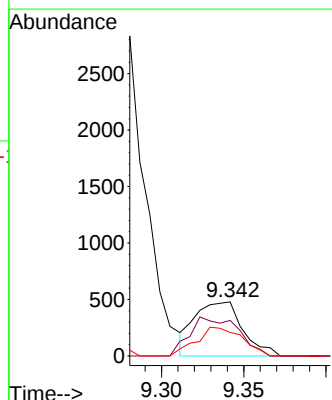
Tgt Ion: 83 Resp: 970

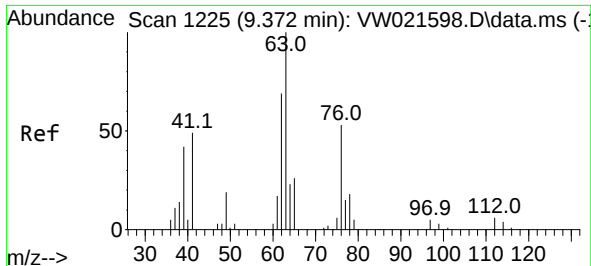
Ion Ratio Lower Upper

83 100

55 47.1 70.8 106.2#

98 50.8 37.7 56.5





#37

1,2-Dichloropropane

Concen: 4.994 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

Instrument :

MSVOA_W

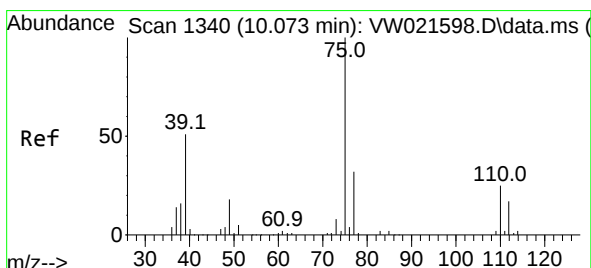
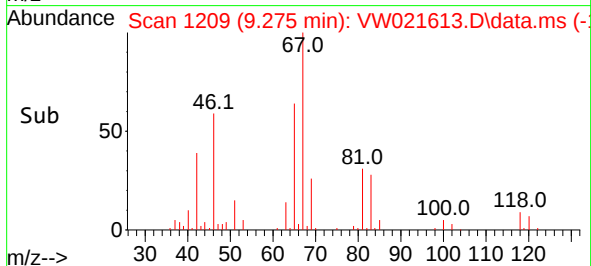
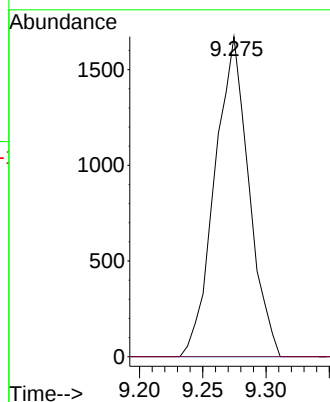
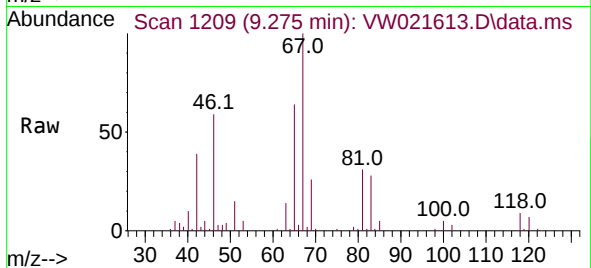
ClientSampleId :

Tgt Ion: 63 Resp: 3136

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.786 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021613.D

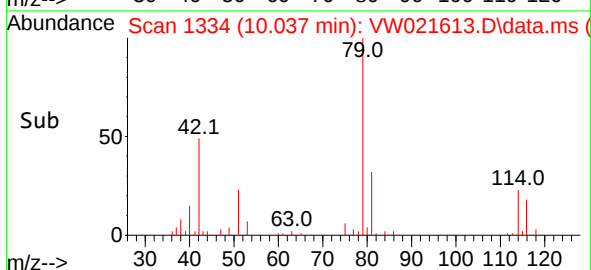
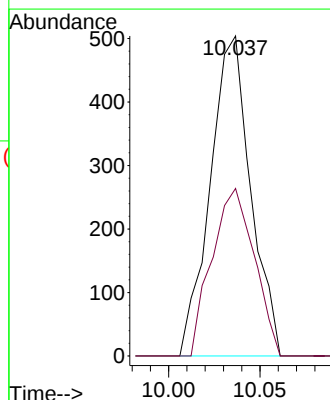
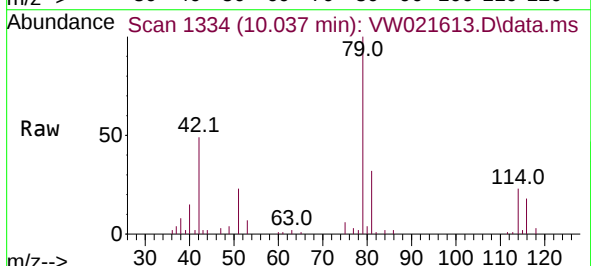
Acq: 23 Dec 2021 14:57

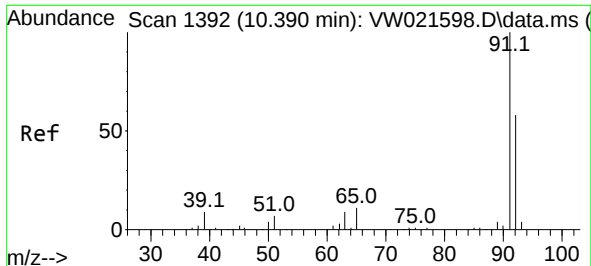
Tgt Ion: 75 Resp: 778

Ion Ratio Lower Upper

75 100

77 52.4 21.8 40.6#





#42

Toluene

Concen: 2.246 ug/L

RT: 10.384 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

Instrument :

MSVOA_W

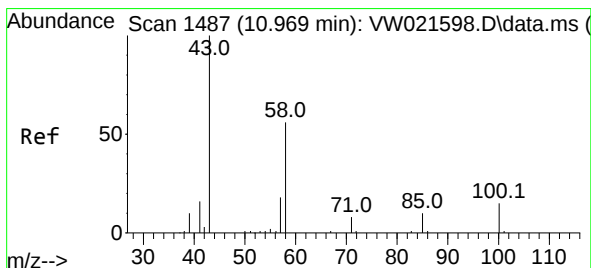
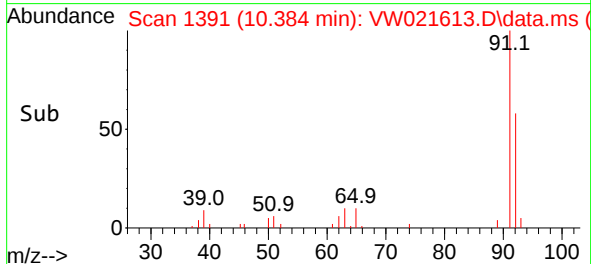
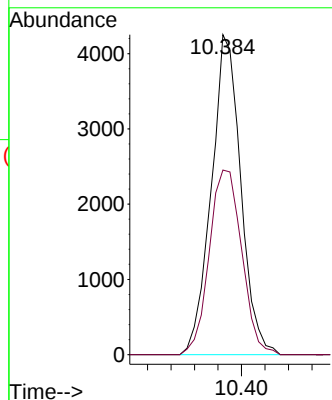
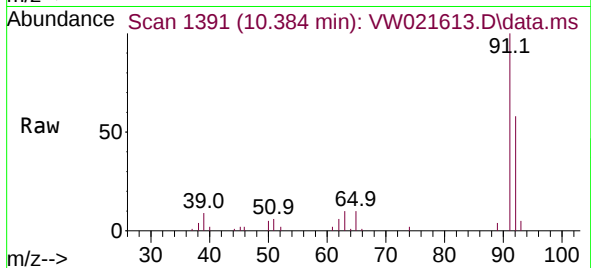
ClientSampleId :

Tgt Ion: 91 Resp: 7395

Ion Ratio Lower Upper

91 100

92 57.7 41.7 77.5



#48

2-Hexanone

Concen: 8.379 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

Tgt Ion: 43 Resp: 2079

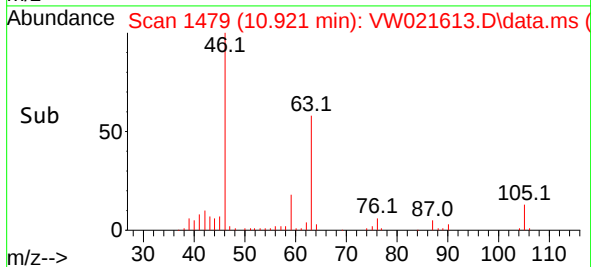
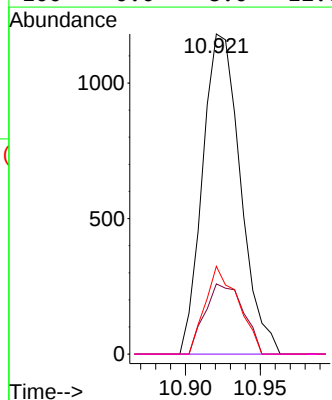
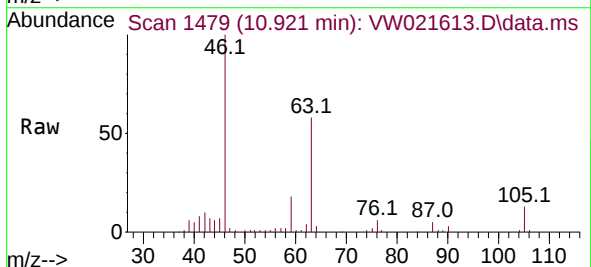
Ion Ratio Lower Upper

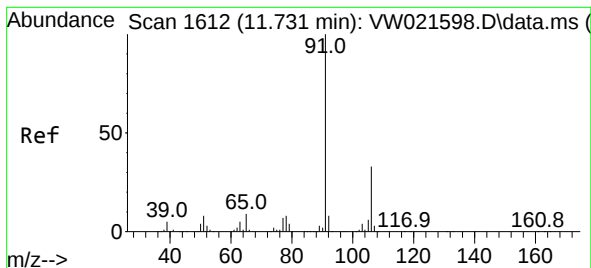
43 100

58 22.2 40.2 60.2#

57 24.0 14.3 21.5#

100 0.0 8.0 12.0#





#52

Ethylbenzene

Concen: 1.836 ug/L

RT: 11.725 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

Instrument :

MSVOA_W

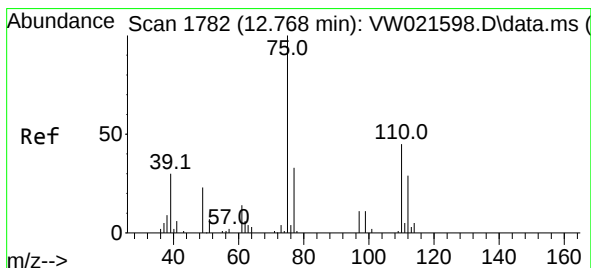
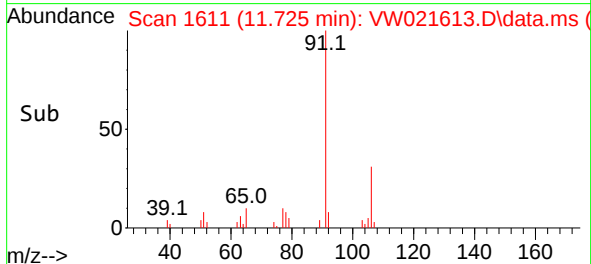
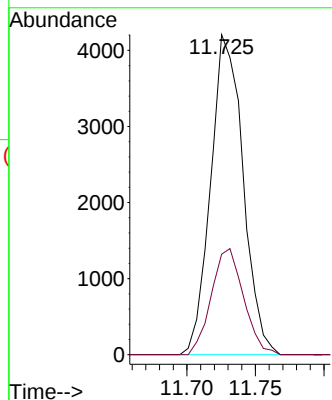
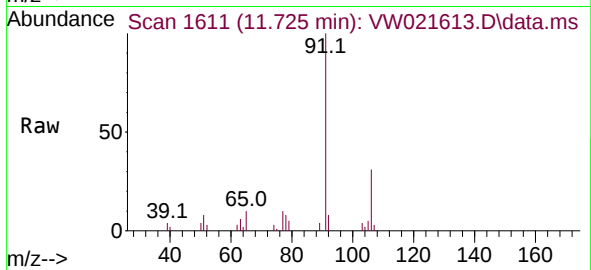
ClientSampleId :

Tgt Ion: 91 Resp: 6908

Ion Ratio Lower Upper

91 100

106 31.4 21.5 39.9



#61

1,2,3-Trichloropropane

Concen: 8.309 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021613.D

Acq: 23 Dec 2021 14:57

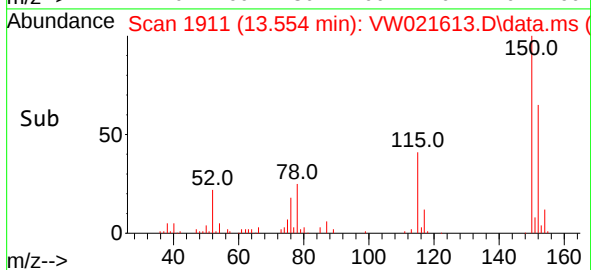
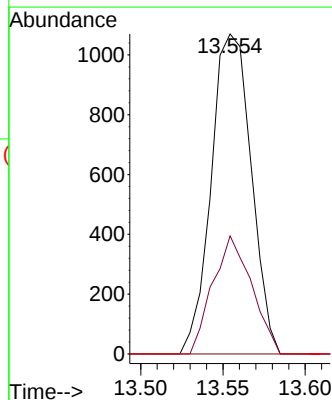
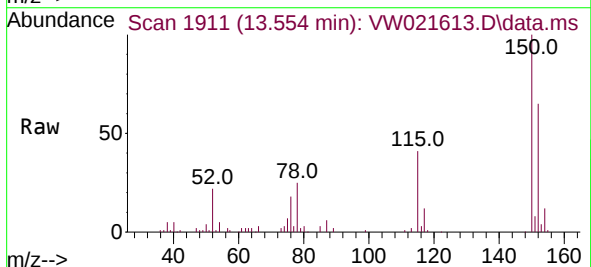
Tgt Ion: 75 Resp: 1814

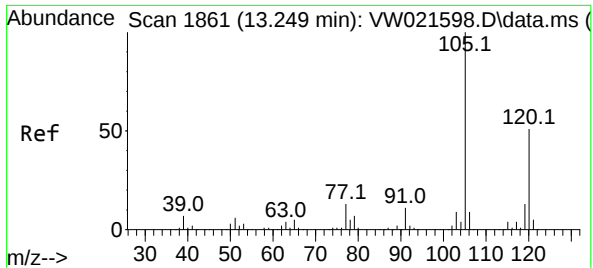
Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8

110 0.0 29.0 43.4#





#63
1,2,4-Trimethylbenzene
Concen: 0.525 ug/L
RT: 13.243 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021613.D
Acq: 23 Dec 2021 14:57

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 899
Ion Ratio Lower Upper
105 100
120 40.5 35.0 52.6

