

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021640.D
 Acq On : 25 Dec 2021 12:56
 Operator : SY/VA
 Sample : M5174-02RE
 Misc : 6.63g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:40:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

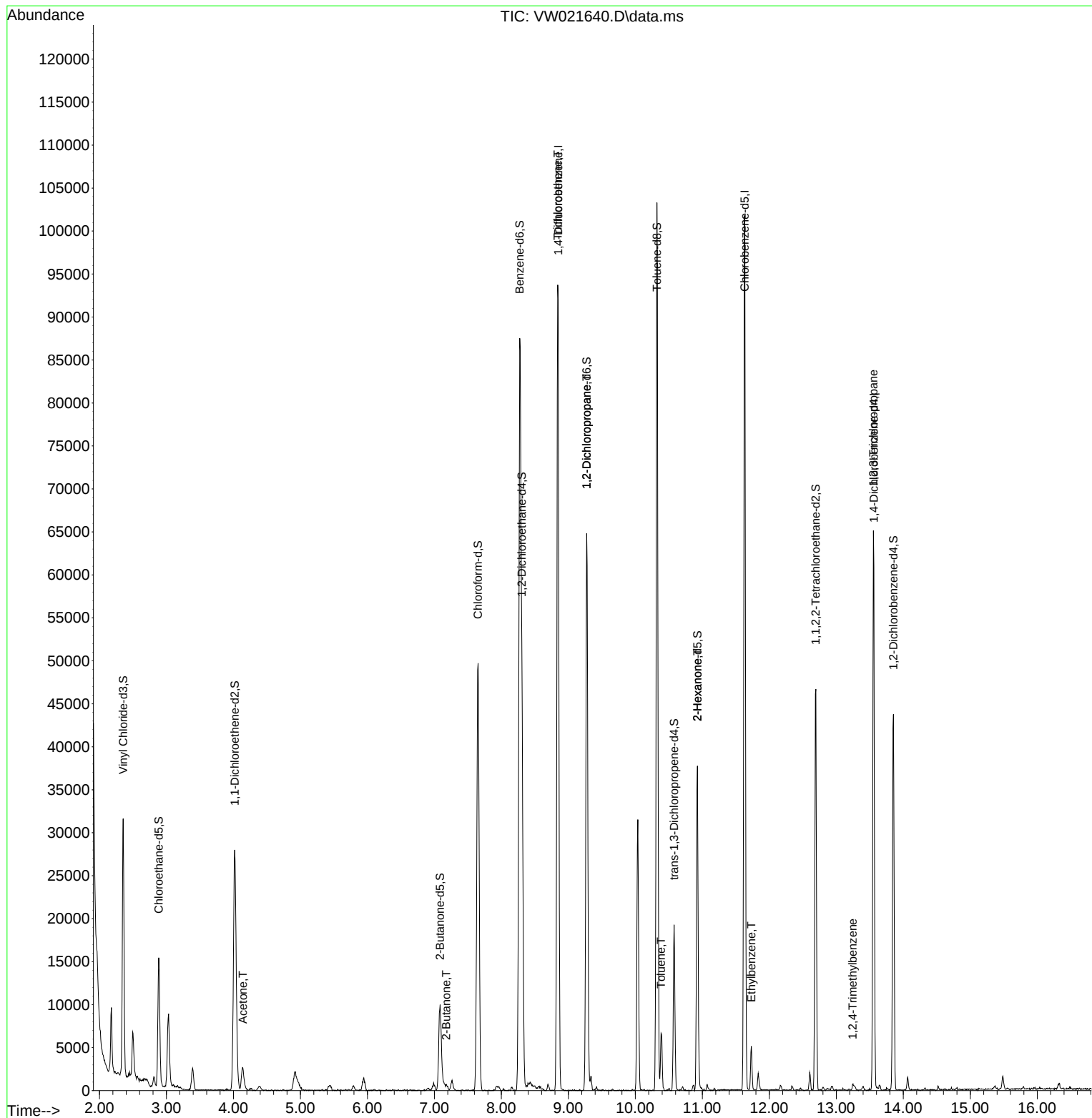
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	82541	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	57973	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	17197	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	22617	15.045	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.200%
7) Chloroethane-d5	2.885	69	16741	16.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.400%
11) 1,1-Dichloroethene-d2	4.019	63	26559	13.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.000%
21) 2-Butanone-d5	7.086	46	17342	81.839	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.680%#
24) Chloroform-d	7.653	84	50260	21.850	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	8.305	65	31995	26.149	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	8.275	84	88776	27.937	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.760%
36) 1,2-Dichloropropane-d6	9.274	67	27199	31.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.680%#
41) Toluene-d8	10.323	98	67533	20.800	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	10.579	79	9812	25.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.000%
47) 2-Hexanone-d5	10.927	63	12785	101.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	202.900%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	21349	29.141	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	12263	18.400	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.600%#
Target Compounds						Qvalue
13) Acetone	4.141	43	5150	27.110	ug/L	95
22) 2-Butanone	7.177	43	520	2.096	ug/L	88
34) Trichloroethene	8.842	95	2643	2.981	ug/L #	5
37) 1,2-Dichloropropane	9.274	63	3615	5.132	ug/L #	88
42) Toluene	10.384	91	5344	1.447	ug/L	92
48) 2-Hexanone	10.927	43	1729	6.212	ug/L #	68
52) Ethylbenzene	11.731	91	3724	0.882	ug/L	98
61) 1,2,3-Trichloropropane	13.554	75	1986	7.935	ug/L #	63
63) 1,2,4-Trimethylbenzene	13.243	105	885	0.451	ug/L #	83

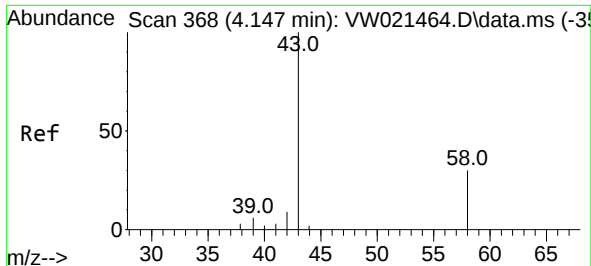
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration





#13

Acetone

Concen: 27.110 ug/L

RT: 4.141 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW021640.D

Acq: 25 Dec 2021 12:56

Instrument :

MSVOA_W

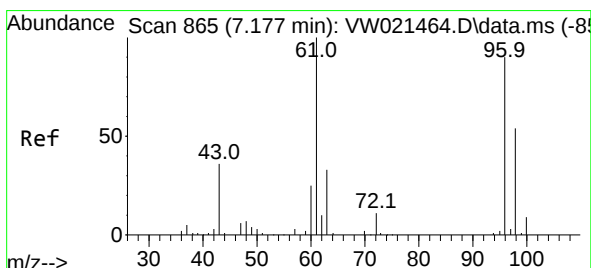
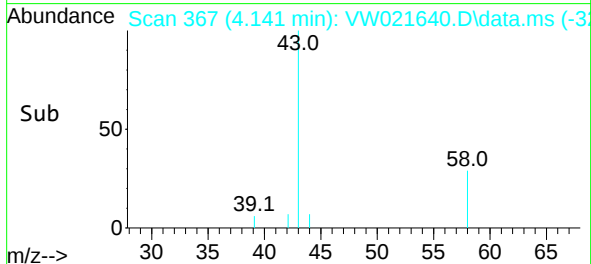
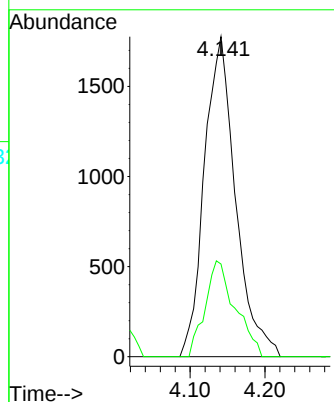
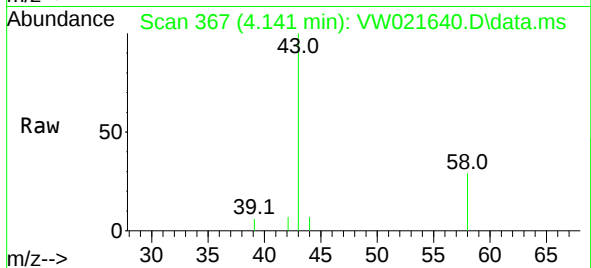
ClientSampleId :

Tgt Ion: 43 Resp: 5150

Ion Ratio Lower Upper

43 100

58 28.8 0.0 52.8



#22

2-Butanone

Concen: 2.096 ug/L

RT: 7.177 min Scan# 865

Delta R.T. -0.012 min

Lab File: VW021640.D

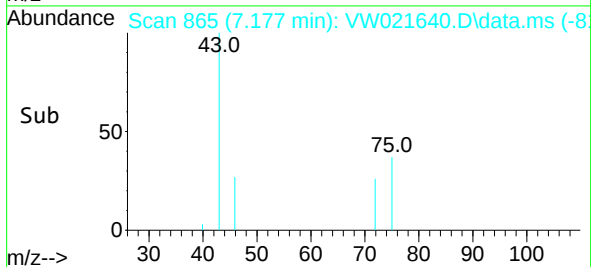
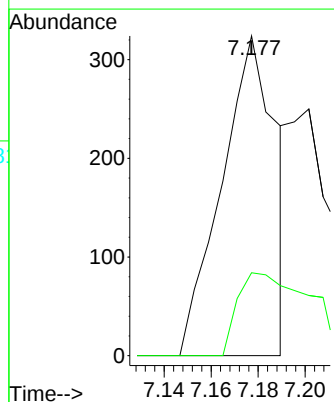
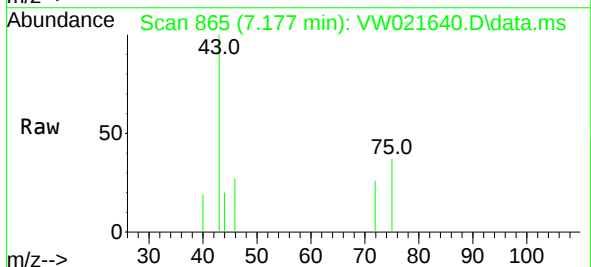
Acq: 25 Dec 2021 12:56

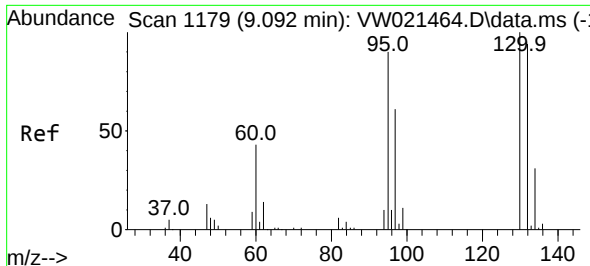
Tgt Ion: 43 Resp: 520

Ion Ratio Lower Upper

43 100

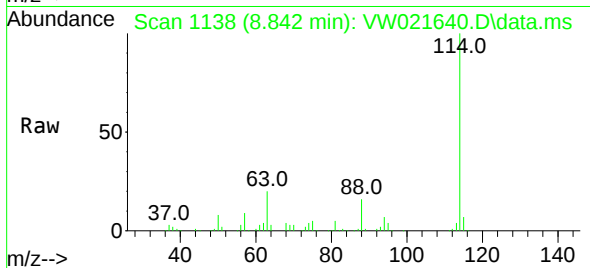
72 29.6 11.8 35.4



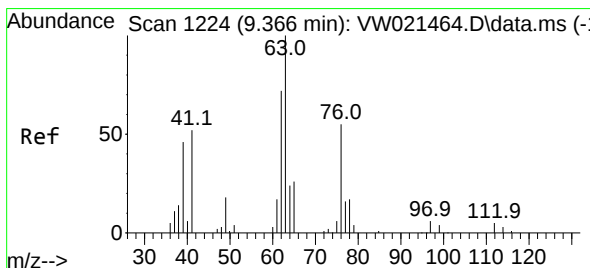
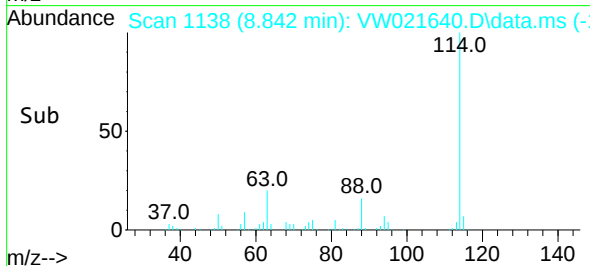
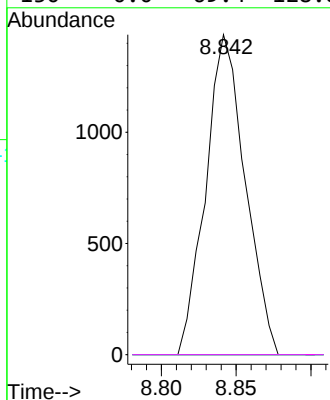


#34
Trichloroethene
Concen: 2.981 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021640.D
Acq: 25 Dec 2021 12:56

Instrument :
MSVOA_W
ClientSampleId :

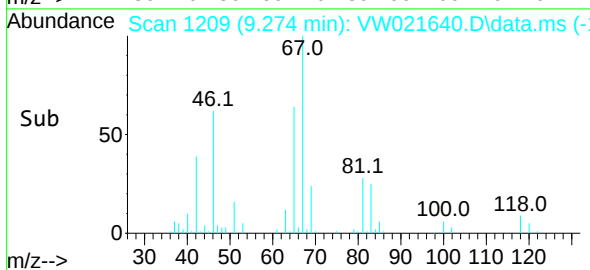
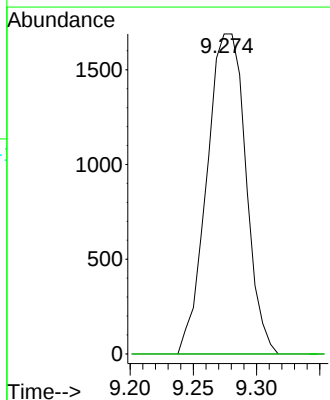
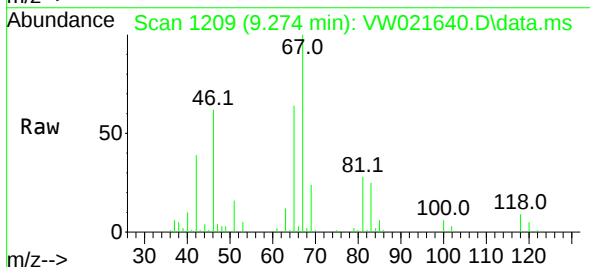


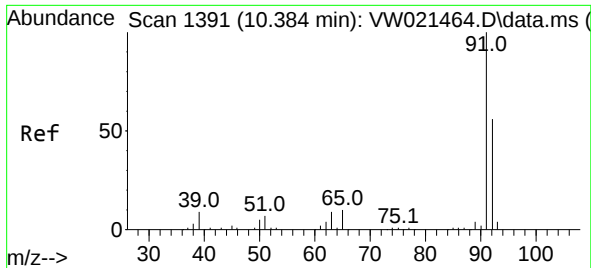
Tgt Ion: 95 Resp: 2643
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#37
1,2-Dichloropropane
Concen: 5.132 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021640.D
Acq: 25 Dec 2021 12:56

Tgt Ion: 63 Resp: 3615
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

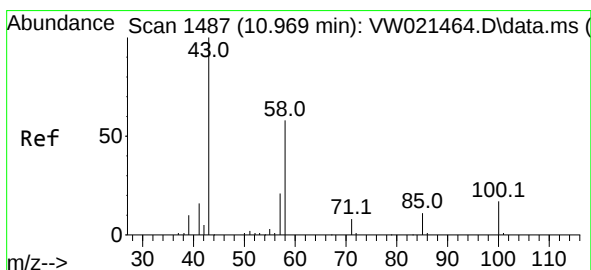
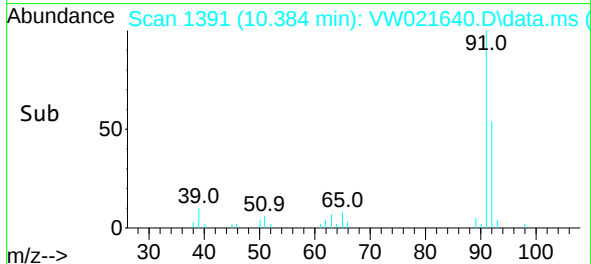
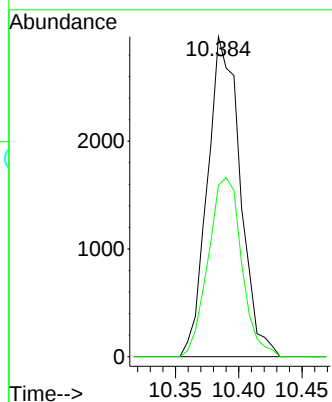
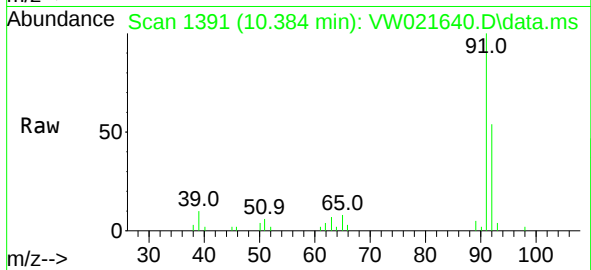




#42
Toluene
Concen: 1.447 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021640.D
Acq: 25 Dec 2021 12:56

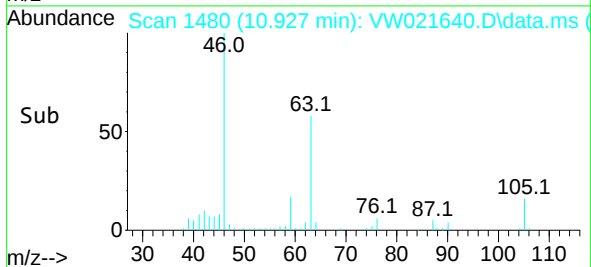
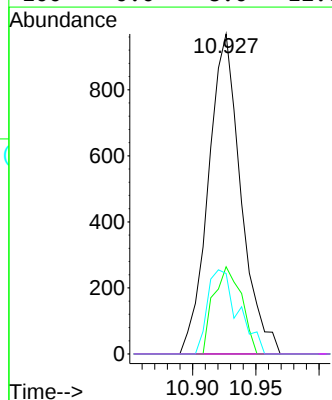
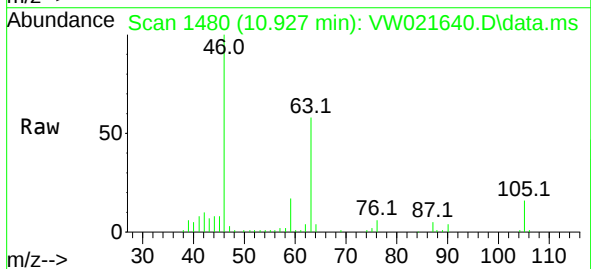
Instrument :
MSVOA_W
ClientSampleId :

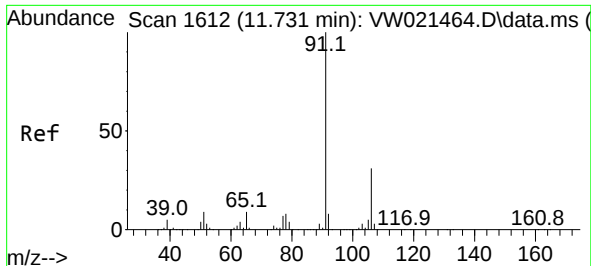
Tgt Ion: 91 Resp: 5344
Ion Ratio Lower Upper
91 100
92 53.6 41.7 77.5



#48
2-Hexanone
Concen: 6.212 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021640.D
Acq: 25 Dec 2021 12:56

Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 23.4 40.2 60.2#
57 24.8 14.3 21.5#
100 0.0 8.0 12.0#





#52

Ethylbenzene

Concen: 0.882 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021640.D

Acq: 25 Dec 2021 12:56

Instrument :

MSVOA_W

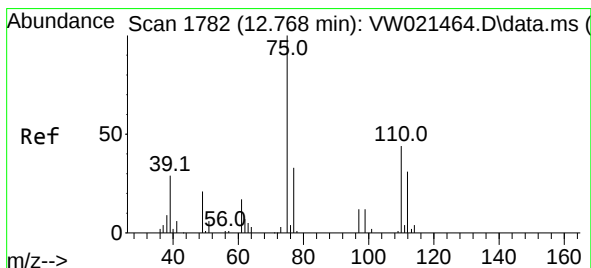
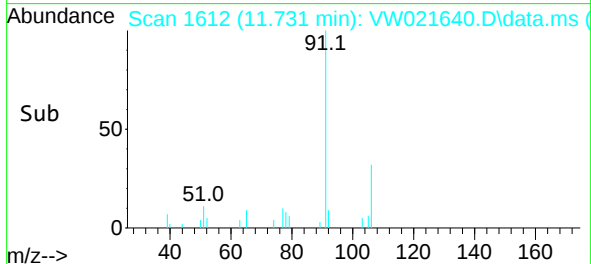
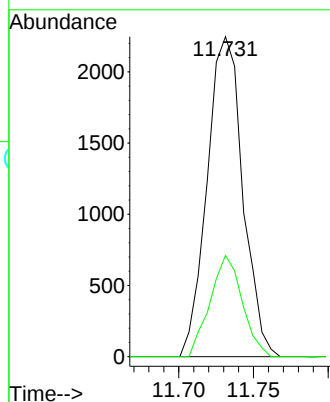
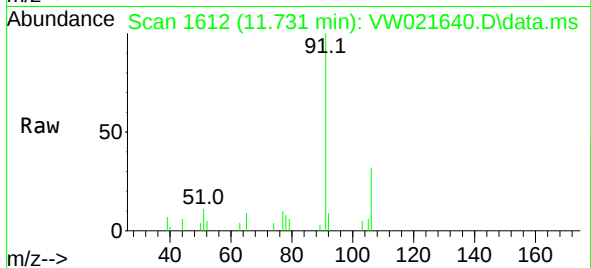
ClientSampleId :

Tgt Ion: 91 Resp: 3724

Ion Ratio Lower Upper

91 100

106 31.7 21.5 39.9



#61

1,2,3-Trichloropropane

Concen: 7.935 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021640.D

Acq: 25 Dec 2021 12:56

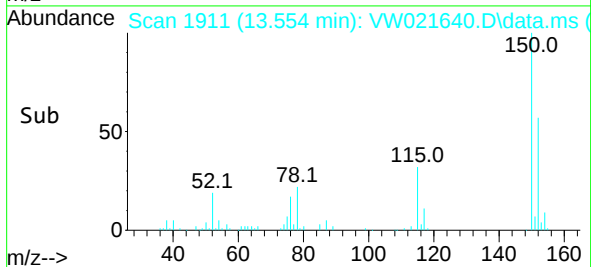
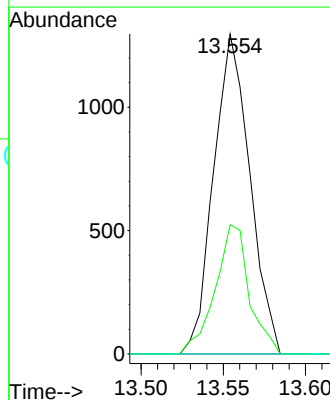
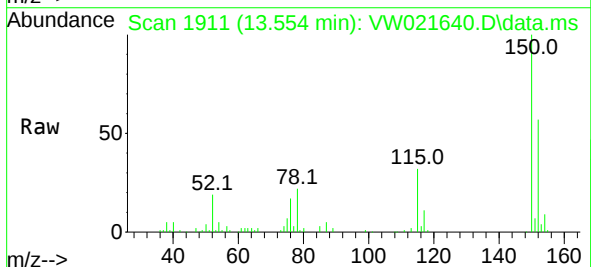
Tgt Ion: 75 Resp: 1986

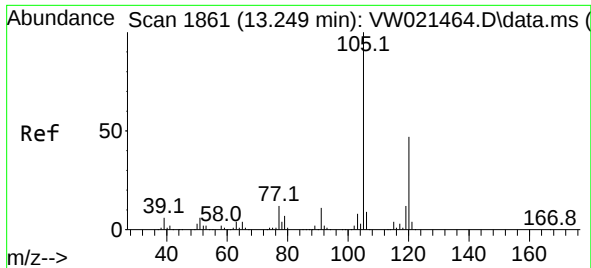
Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8

110 0.0 29.0 43.4#





#63

1,2,4-Trimethylbenzene

Concen: 0.451 ug/L

RT: 13.243 min Scan# 11

Delta R.T. -0.006 min

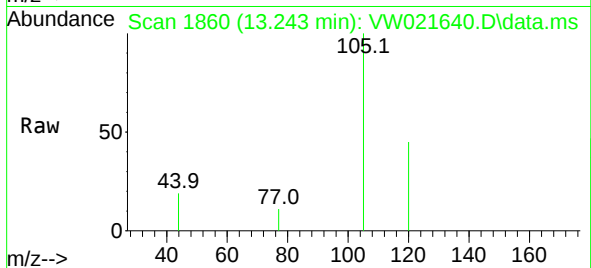
Lab File: VW021640.D

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Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:105 Resp: 885

Ion Ratio Lower Upper

105 100

120 32.8 35.0 52.6#

