

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021622.D
 Acq On : 23 Dec 2021 19:29
 Operator : SY/VA
 Sample : M5174-16
 Misc : 5.88g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:46:28 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)

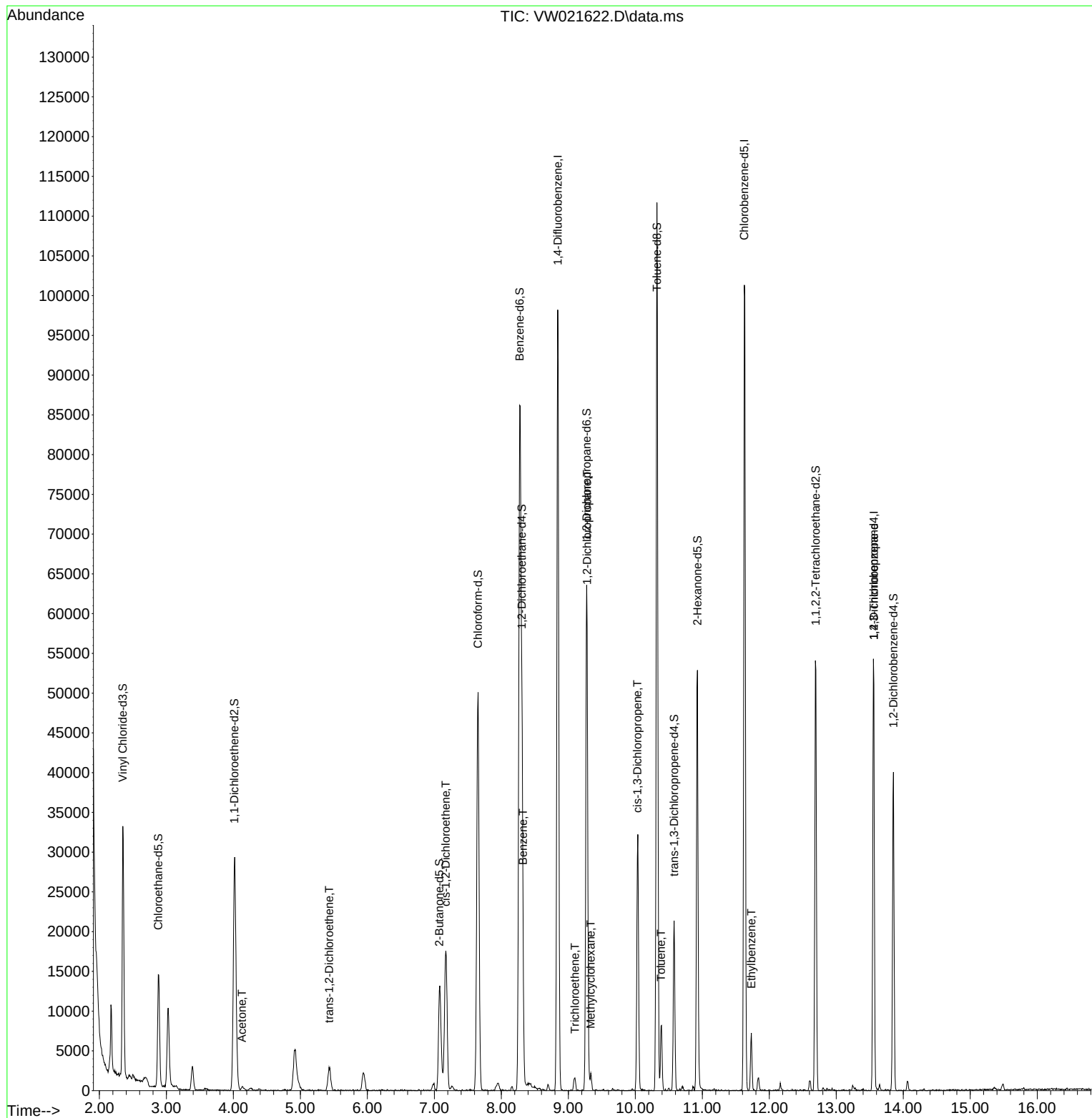
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85265	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	59150	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	14562	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	23272	14.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.960%
7) Chloroethane-d5	2.879	69	16649	16.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.880%
11) 1,1-Dichloroethene-d2	4.013	63	26950	13.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.080%
21) 2-Butanone-d5	7.074	46	22420	102.423	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	204.840%#
24) Chloroform-d	7.653	84	50018	21.050	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	8.305	65	33674	26.642	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.560%
32) Benzene-d6	8.275	84	89302	27.543	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.160%
36) 1,2-Dichloropropane-d6	9.274	67	27228	31.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.240%#
41) Toluene-d8	10.323	98	71160	21.481	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.920%
43) trans-1,3-Dichloroprop...	10.579	79	11085	27.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.760%
47) 2-Hexanone-d5	10.927	63	17507	136.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	272.320%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	25059	33.525	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	10816	19.165	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.680%
Target Compounds						Qvalue
13) Acetone	4.129	43	935	4.765	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	1449	1.266	ug/L	85
20) cis-1,2-Dichloroethene	7.171	96	11224	9.299	ug/L	74
33) Benzene	8.323	78	1961	0.609	ug/L	100
34) Trichloroethene	9.098	95	669	0.740	ug/L	94
35) Methylcyclohexane	9.335	83	956	0.641	ug/L	# 85
37) 1,2-Dichloropropane	9.281	63	3465	4.821	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	939	0.829	ug/L	92
42) Toluene	10.384	91	6223	1.651	ug/L	90
52) Ethylbenzene	11.731	91	5248	1.219	ug/L	99
61) 1,2,3-Trichloropropane	13.560	75	1733	8.177	ug/L	# 62

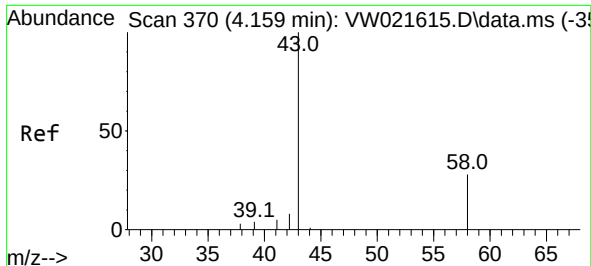
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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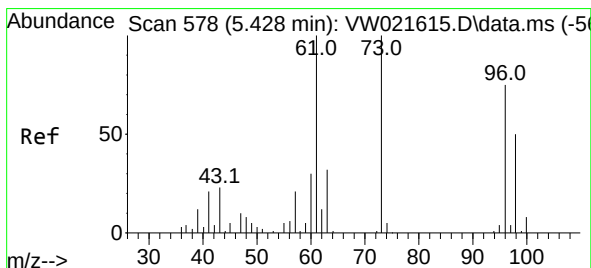
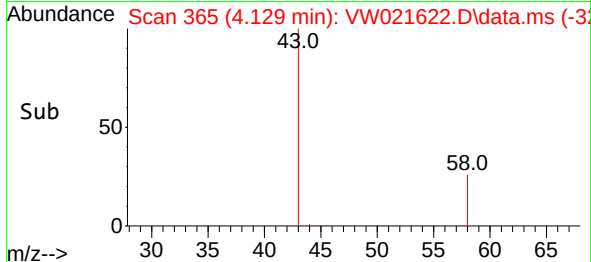
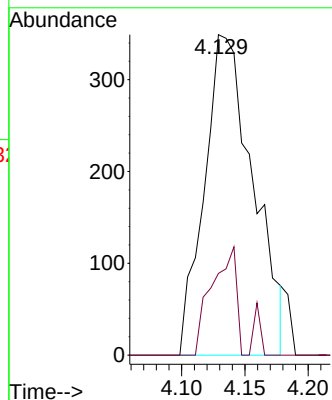
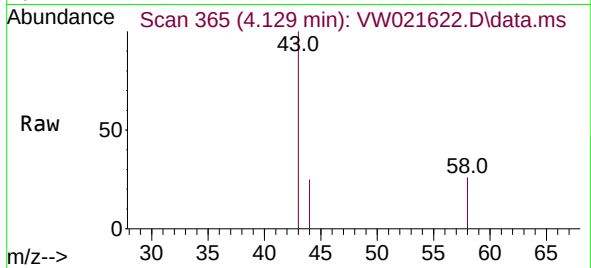




#13
Acetone
Concen: 4.765 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.030 min
Lab File: VW021622.D
Acq: 23 Dec 2021 19:29

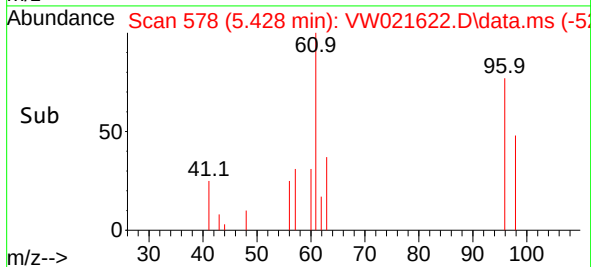
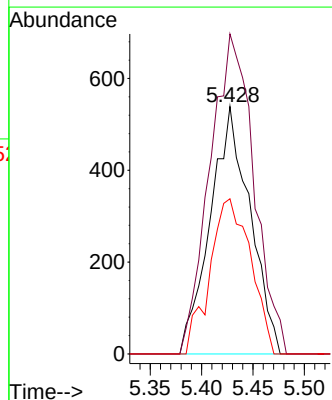
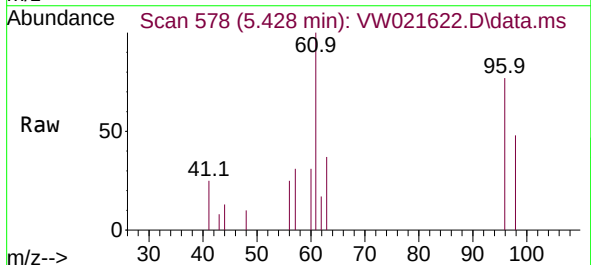
Instrument :
MSVOA_W
ClientSampleId :

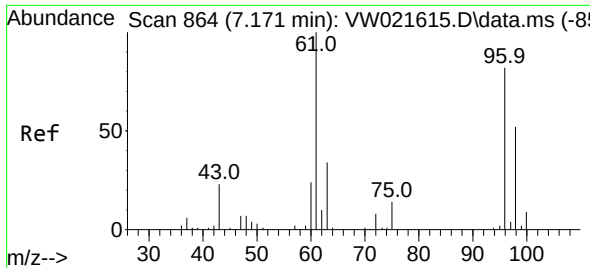
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 17.1 0.0 52.8



#17
trans-1,2-Dichloroethene
Concen: 1.266 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021622.D
Acq: 23 Dec 2021 19:29

Tgt Ion: 96 Resp: 1449
Ion Ratio Lower Upper
96 100
61 129.3 107.4 199.4
98 62.7 41.2 76.6



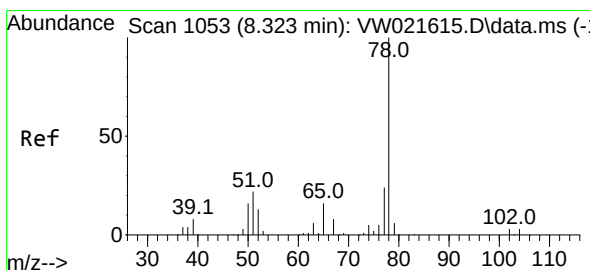
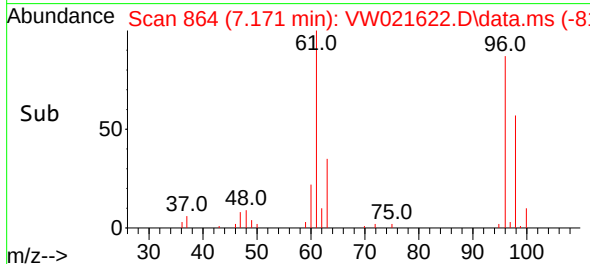
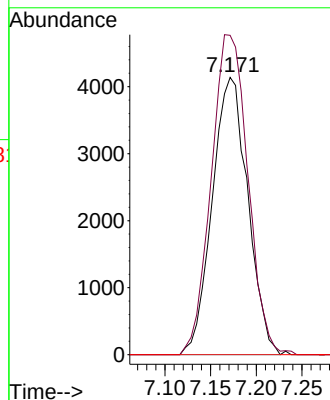
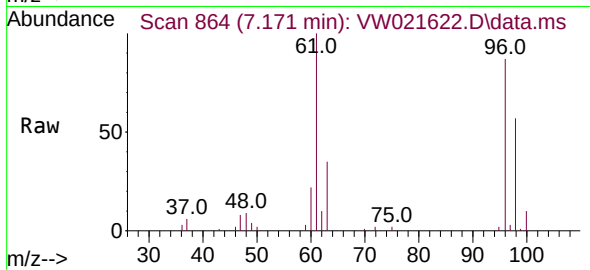


#20
 cis-1,2-Dichloroethene
 Concen: 9.299 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW021622.D
 Acq: 23 Dec 2021 19:29

Instrument :
 MSVOA_W
 ClientSampleId :

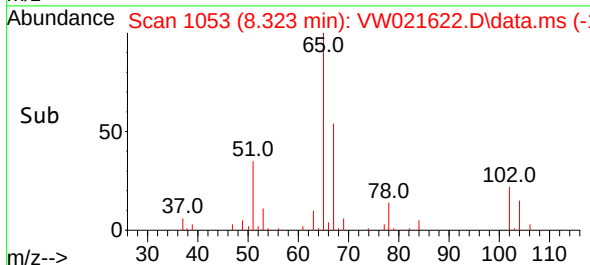
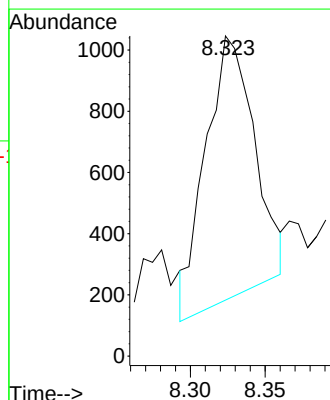
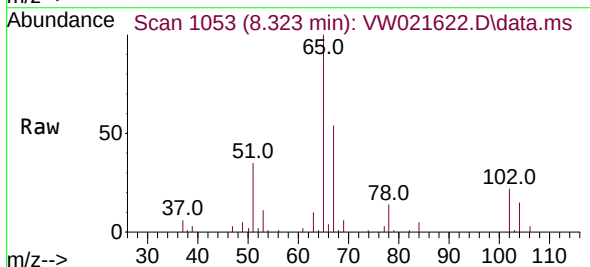
Tgt Ion: 96 Resp: 11224

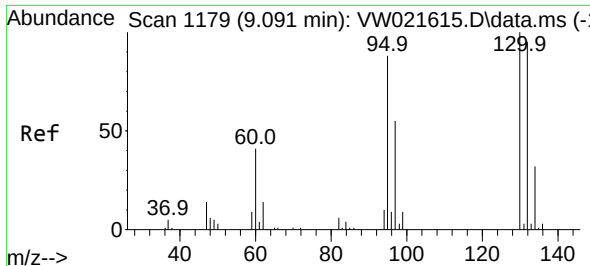
Ion	Ratio	Lower	Upper
96	100		
61	115.2	103.7	192.7
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.609 ug/L
 RT: 8.323 min Scan# 1053
 Delta R.T. 0.000 min
 Lab File: VW021622.D
 Acq: 23 Dec 2021 19:29

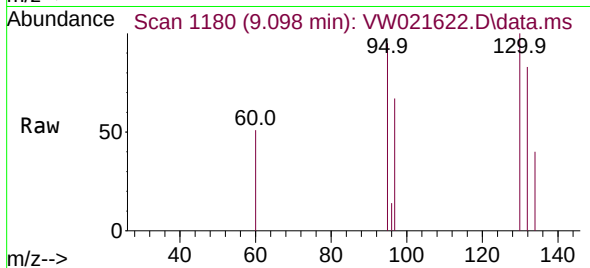
Tgt Ion: 78 Resp: 1961



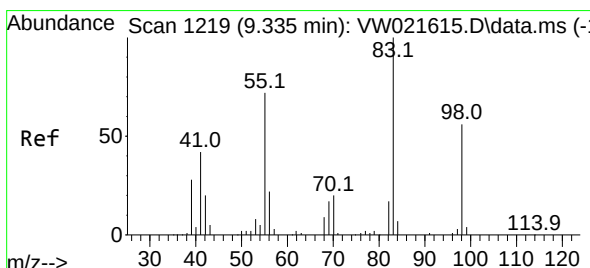
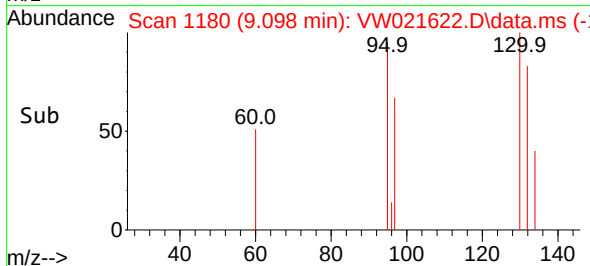
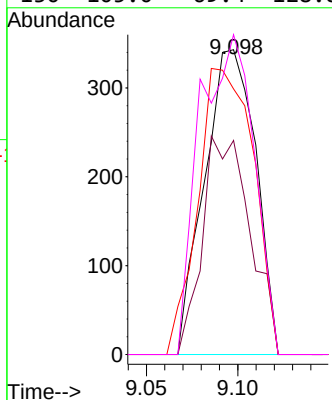


#34
Trichloroethene
Concen: 0.740 ug/L
RT: 9.098 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW021622.D
Acq: 23 Dec 2021 19:29

Instrument :
MSVOA_W
ClientSampleId :

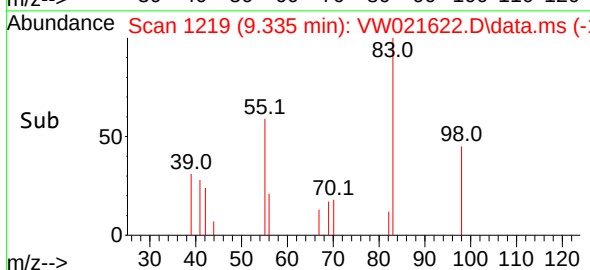
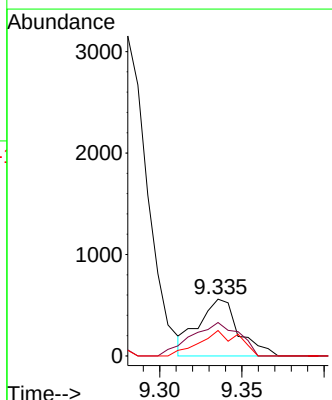
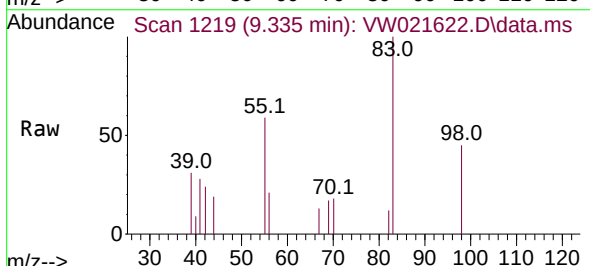


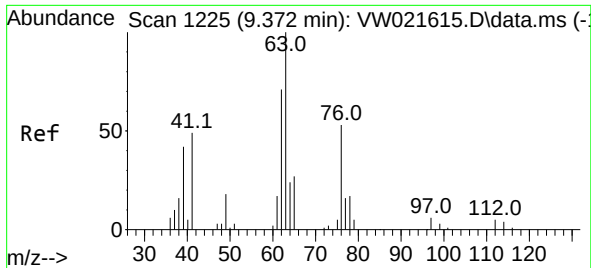
Tgt Ion: 95 Resp: 669
Ion Ratio Lower Upper
95 100
97 70.3 47.0 87.2
132 87.2 65.5 121.6
130 105.0 69.4 128.8



#35
Methylcyclohexane
Concen: 0.641 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021622.D
Acq: 23 Dec 2021 19:29

Tgt Ion: 83 Resp: 956
Ion Ratio Lower Upper
83 100
55 69.5 70.8 106.2#
98 43.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 4.821 ug/L

RT: 9.281 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021622.D

Acq: 23 Dec 2021 19:29

Instrument :

MSVOA_W

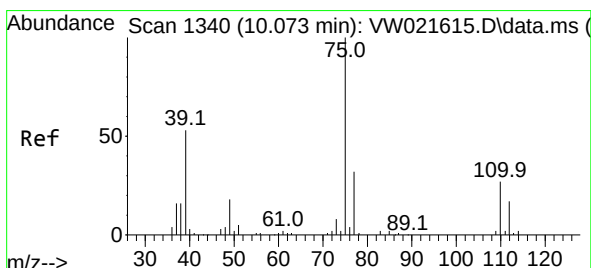
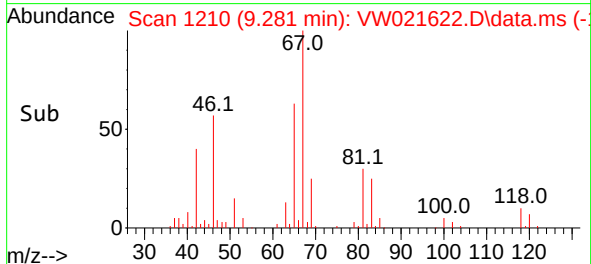
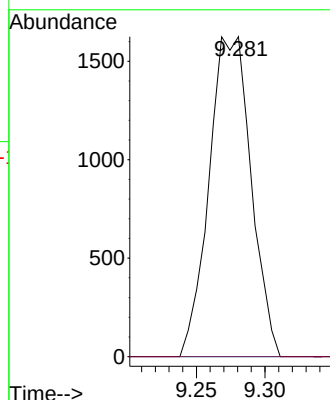
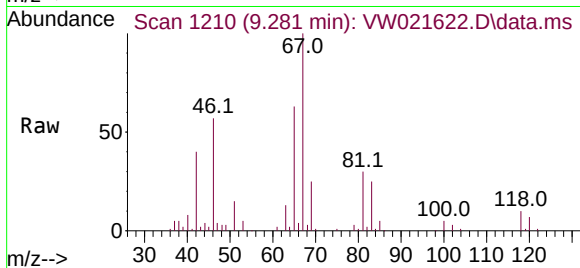
ClientSampleId :

Tgt Ion: 63 Resp: 3465

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.829 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021622.D

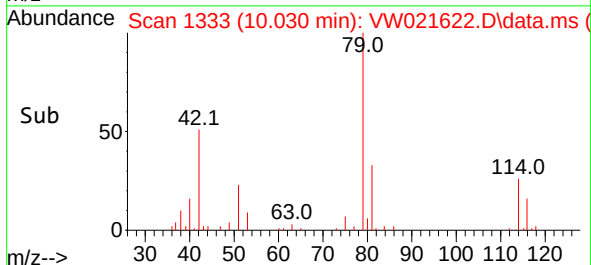
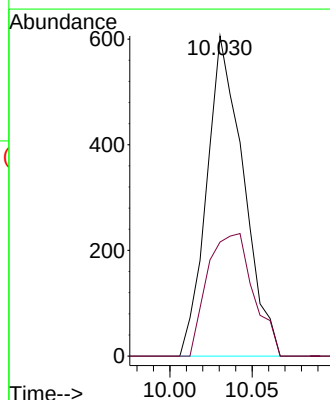
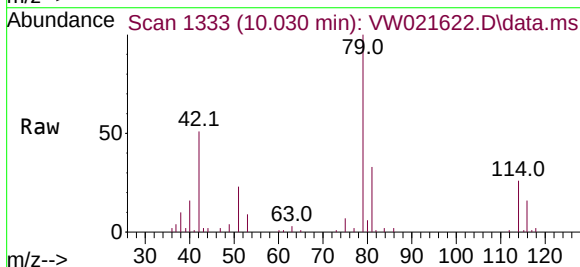
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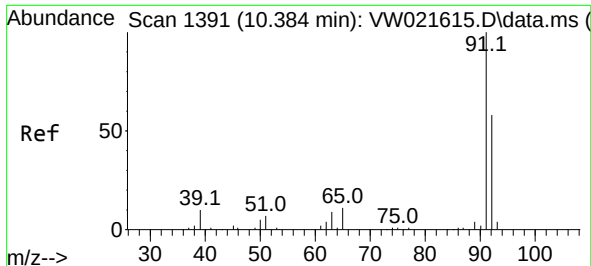
Tgt Ion: 75 Resp: 939

Ion Ratio Lower Upper

75 100

77 35.6 21.8 40.6





#42

Toluene

Concen: 1.651 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW021622.D

Acq: 23 Dec 2021 19:29

Instrument :

MSVOA_W

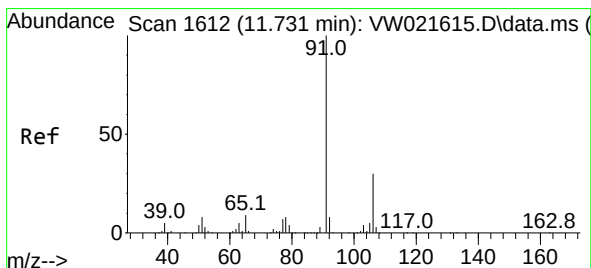
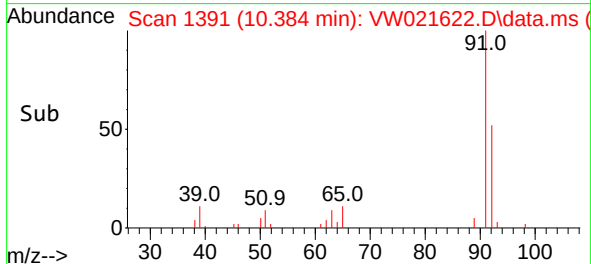
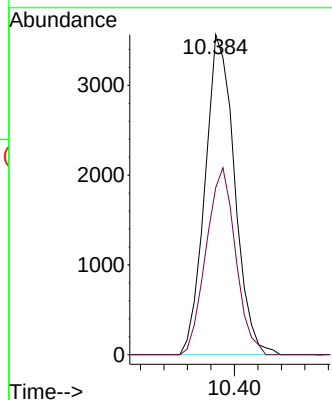
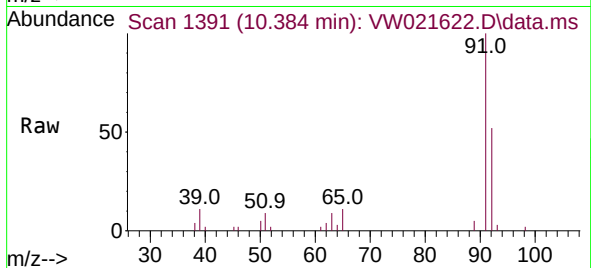
ClientSampleId :

Tgt Ion: 91 Resp: 6223

Ion Ratio Lower Upper

91 100

92 52.2 41.7 77.5



#52

Ethylbenzene

Concen: 1.219 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW021622.D

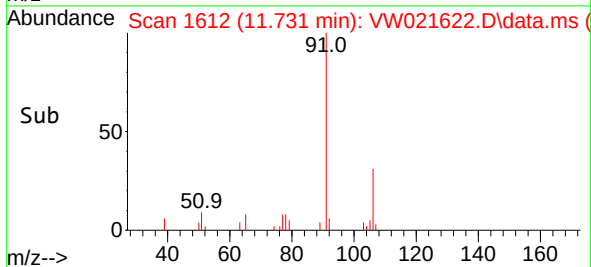
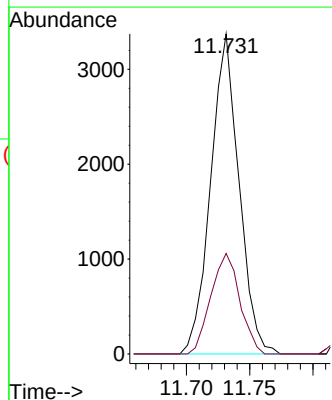
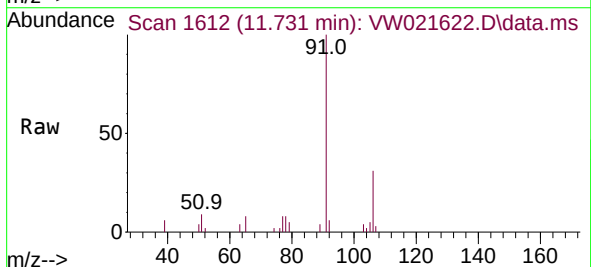
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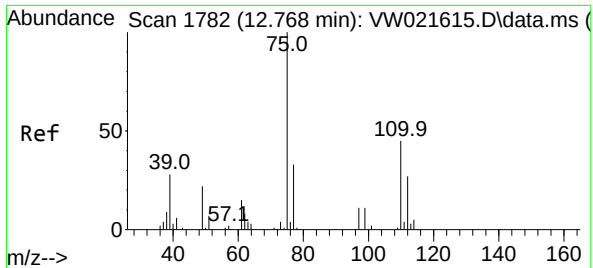
Tgt Ion: 91 Resp: 5248

Ion Ratio Lower Upper

91 100

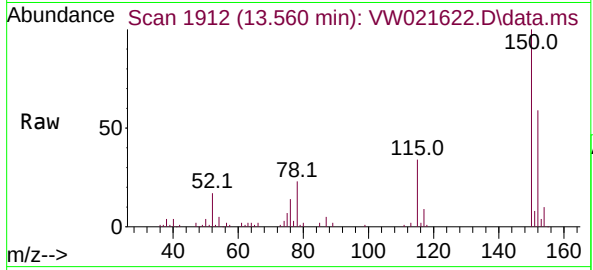
106 31.4 21.5 39.9





#61
 1,2,3-Trichloropropane
 Concen: 8.177 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW021622.D
 Acq: 23 Dec 2021 19:29

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 1733

Ion	Ratio	Lower	Upper
75	100		
77	39.1	25.8	38.8#
110	0.0	29.0	43.4#

