

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021612.D
 Acq On : 23 Dec 2021 14:27
 Operator : SY/VA
 Sample : M5174-08
 Misc : 4.96g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:33:41 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)

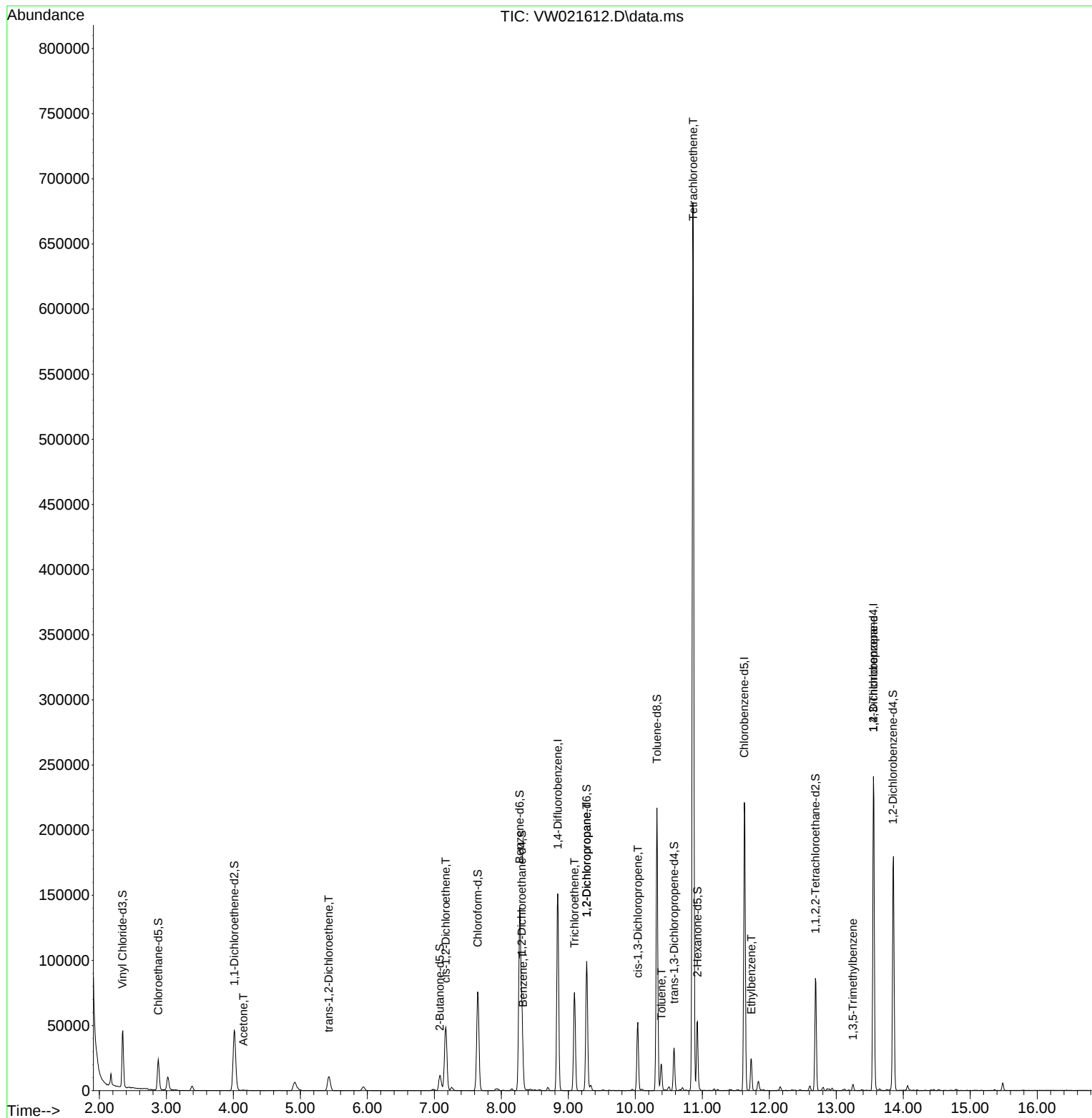
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	130908	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	123320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	64992	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	34498	14.470	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.880%
7) Chloroethane-d5	2.879	69	25647	16.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.080%
11) 1,1-Dichloroethene-d2	4.013	63	43459	13.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.680%
21) 2-Butanone-d5	7.080	46	19980	59.451	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.900%
24) Chloroform-d	7.647	84	77074	21.127	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.520%
26) 1,2-Dichloroethane-d4	8.305	65	43721	22.530	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	8.275	84	140265	20.750	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	9.275	67	41810	23.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.240%
41) Toluene-d8	10.323	98	136597	19.778	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.120%
43) trans-1,3-Dichloroprop...	10.579	79	17274	20.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.760%
47) 2-Hexanone-d5	10.927	63	17656	65.863	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.720%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	39104	25.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.360%
66) 1,2-Dichlorobenzene-d4	13.847	152	47970	19.045	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.160%
Target Compounds						Qvalue
13) Acetone	4.147	43	1051	3.488	ug/L	73
17) trans-1,2-Dichloroethene	5.422	96	6460	3.677	ug/L	81
20) cis-1,2-Dichloroethene	7.171	96	30378	16.393	ug/L	77
33) Benzene	8.323	78	4337	0.646	ug/L	100
34) Trichloroethene	9.092	95	24867	13.186	ug/L	92
37) 1,2-Dichloropropane	9.275	63	5468	3.649	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1618	0.685	ug/L	# 77
42) Toluene	10.390	91	14961	1.904	ug/L	94
46) Tetrachloroethene	10.866	164	150613	84.073	ug/L	94
52) Ethylbenzene	11.731	91	17675	1.969	ug/L	98
61) 1,2,3-Trichloropropane	13.554	75	6935	7.332	ug/L	# 64
62) 1,3,5-Trimethylbenzene	13.249	105	2828	0.376	ug/L	99

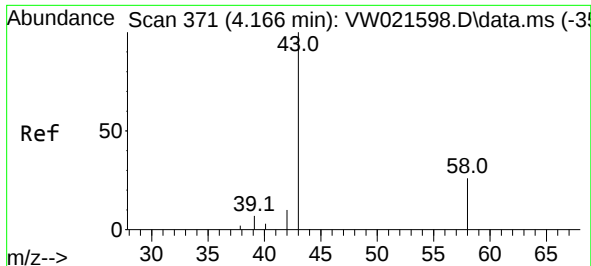
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

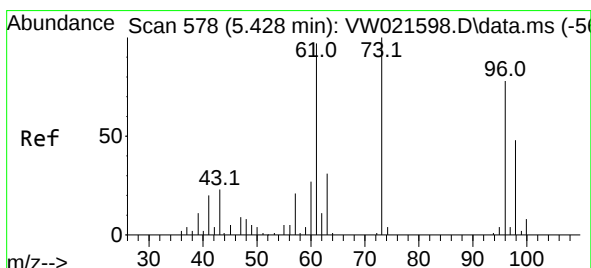
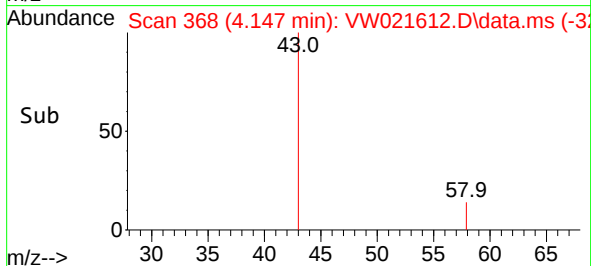
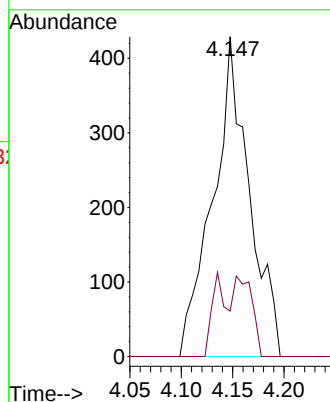
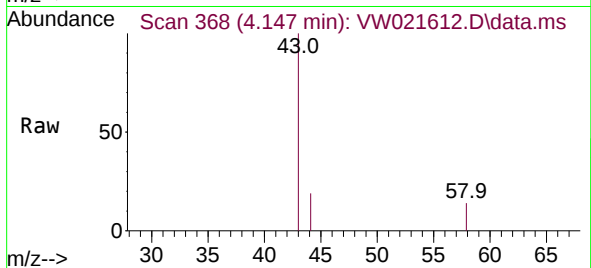




#13
Acetone
Concen: 3.488 ug/L
RT: 4.147 min Scan# 30
Delta R.T. -0.018 min
Lab File: VW021612.D
Acq: 23 Dec 2021 14:27

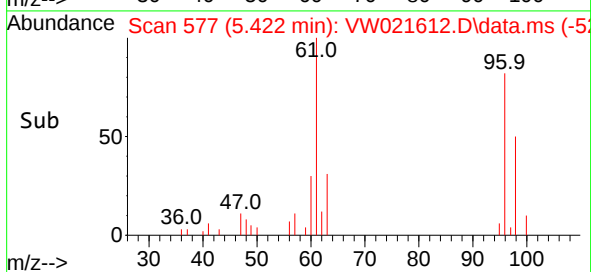
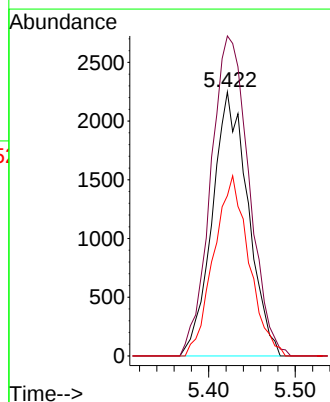
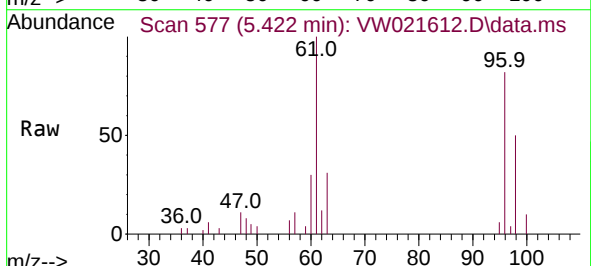
Instrument :
MSVOA_W
ClientSampleId :

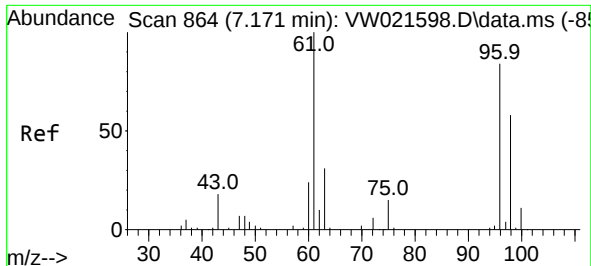
Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 12.6 0.0 52.8



#17
trans-1,2-Dichloroethene
Concen: 3.677 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021612.D
Acq: 23 Dec 2021 14:27

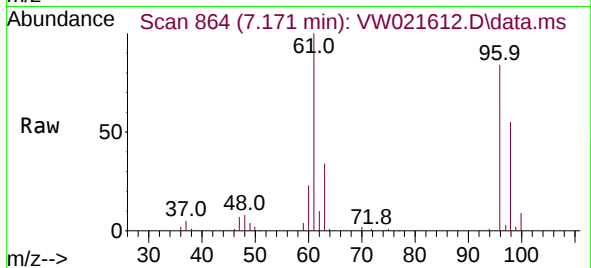
Tgt Ion: 96 Resp: 6460
Ion Ratio Lower Upper
96 100
61 121.2 107.4 199.4
98 60.7 41.2 76.6





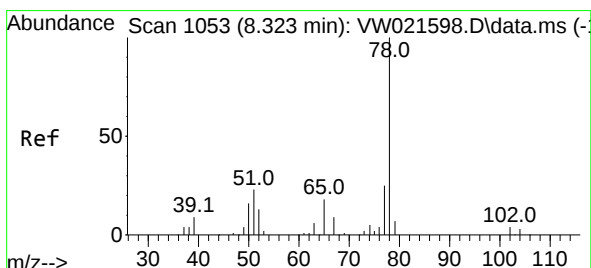
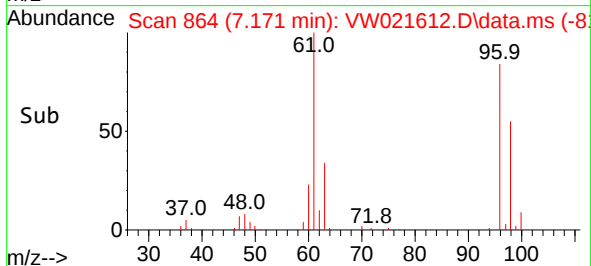
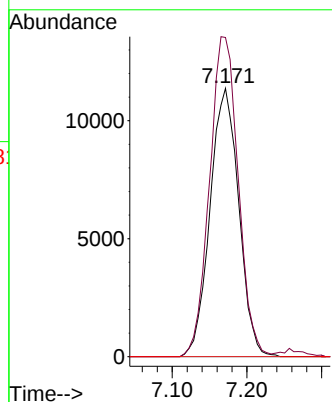
#20
 cis-1,2-Dichloroethene
 Concen: 16.393 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW021612.D
 Acq: 23 Dec 2021 14:27

Instrument :
 MSVOA_W
 ClientSampleId :



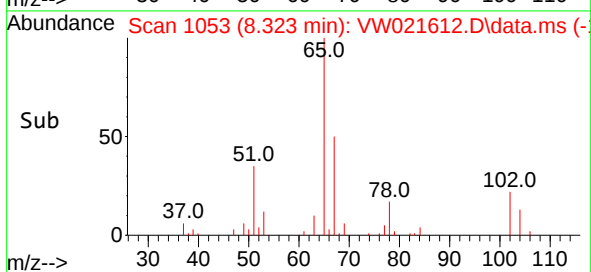
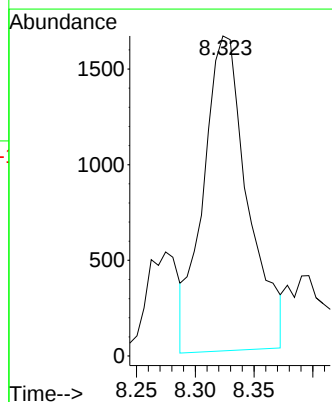
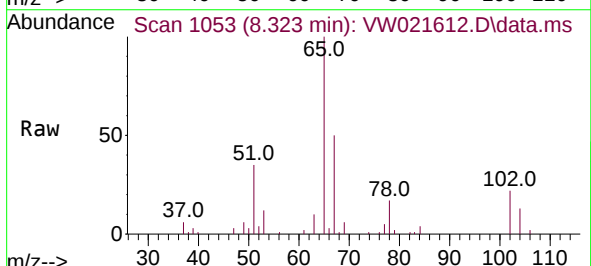
Tgt Ion: 96 Resp: 30378

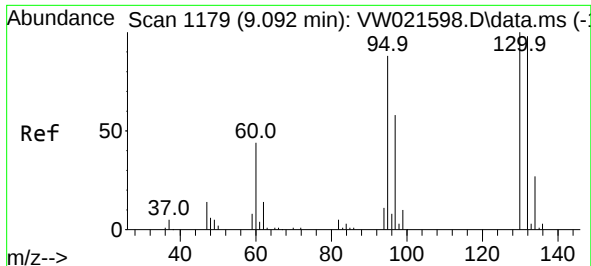
Ion	Ratio	Lower	Upper
96	100		
61	118.9	103.7	192.7
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 0.646 ug/L
 RT: 8.323 min Scan# 1053
 Delta R.T. -0.000 min
 Lab File: VW021612.D
 Acq: 23 Dec 2021 14:27

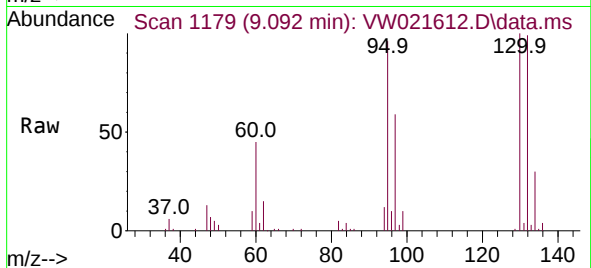
Tgt Ion: 78 Resp: 4337





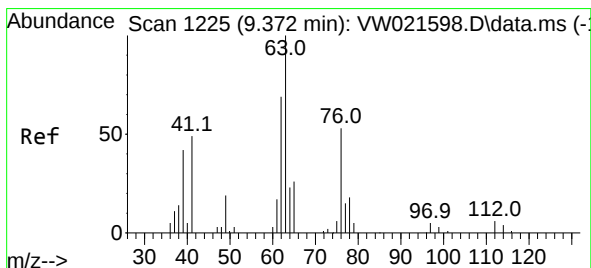
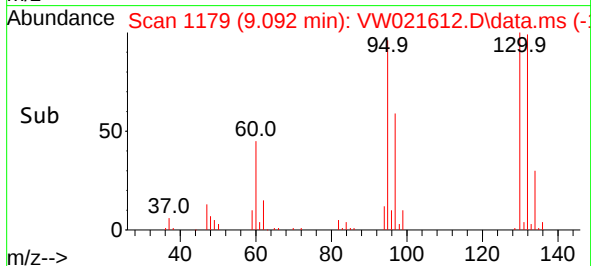
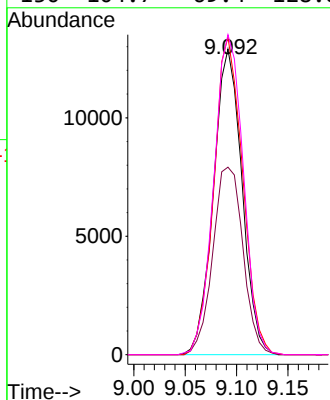
#34
 Trichloroethene
 Concen: 13.186 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW021612.D
 Acq: 23 Dec 2021 14:27

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 95 Resp: 24867

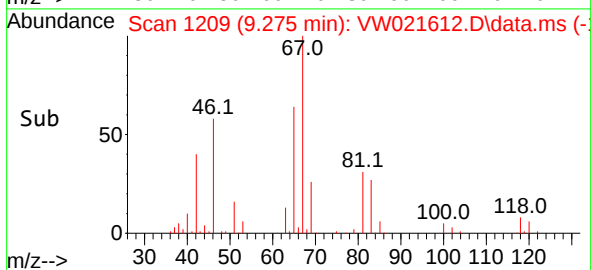
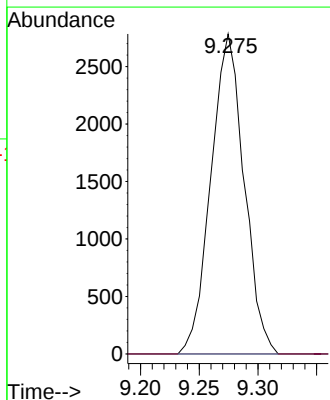
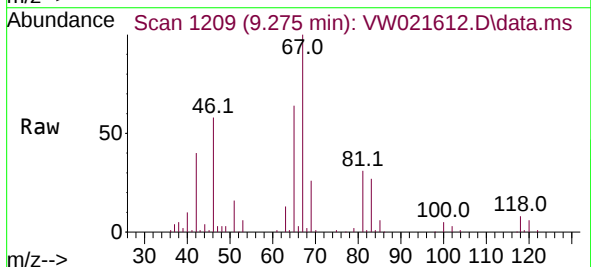
Ion	Ratio	Lower	Upper
95	100		
97	61.3	47.0	87.2
132	103.9	65.5	121.6
130	104.7	69.4	128.8

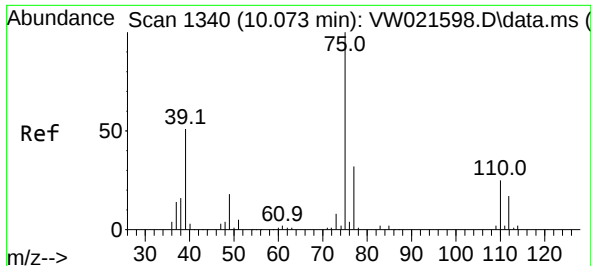


#37
 1,2-Dichloropropane
 Concen: 3.649 ug/L
 RT: 9.275 min Scan# 1209
 Delta R.T. -0.098 min
 Lab File: VW021612.D
 Acq: 23 Dec 2021 14:27

Tgt Ion: 63 Resp: 5468

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.685 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021612.D

Acq: 23 Dec 2021 14:27

Instrument :

MSVOA_W

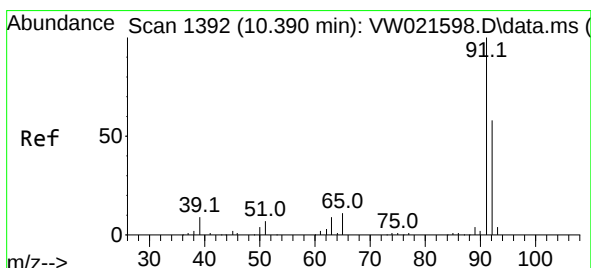
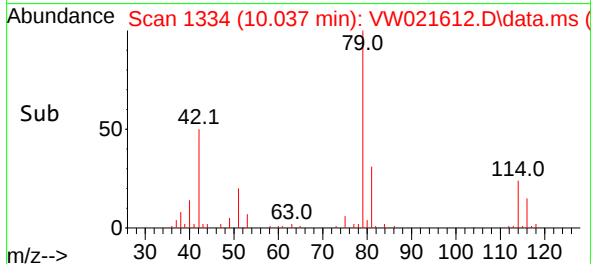
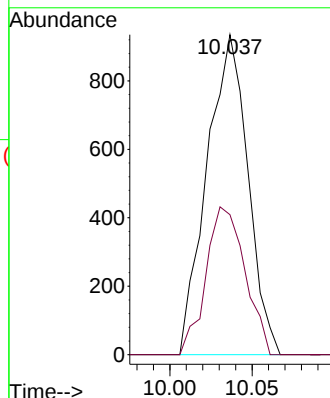
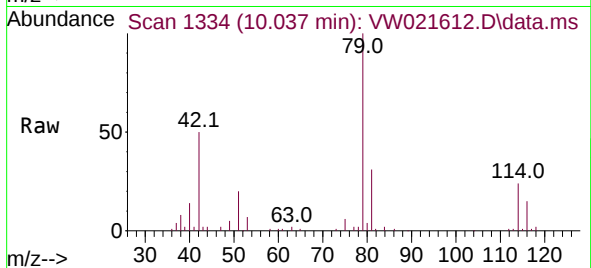
ClientSampleId :

Tgt Ion: 75 Resp: 1618

Ion Ratio Lower Upper

75 100

77 43.7 21.8 40.6#



#42

Toluene

Concen: 1.904 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021612.D

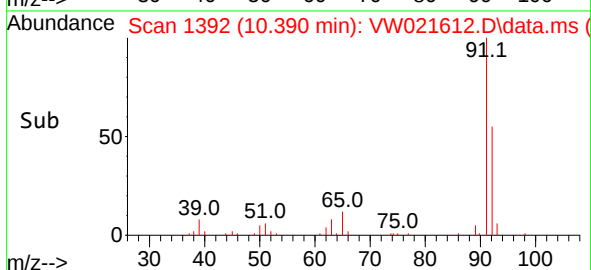
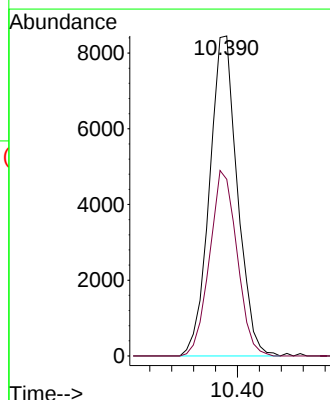
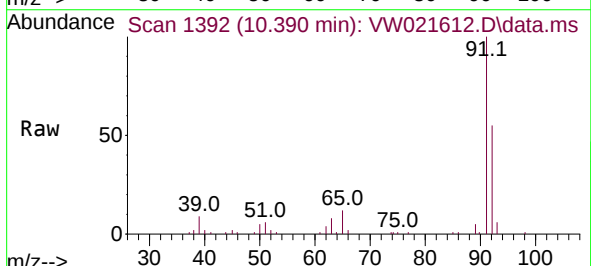
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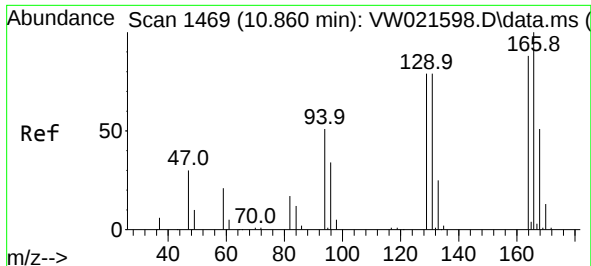
Tgt Ion: 91 Resp: 14961

Ion Ratio Lower Upper

91 100

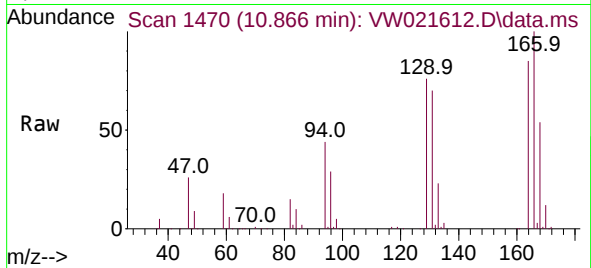
92 55.2 41.7 77.5



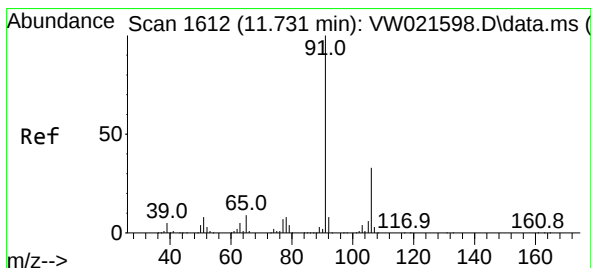
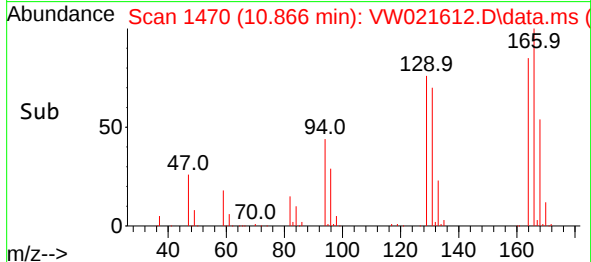
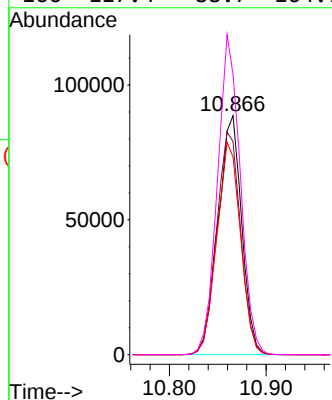


#46
Tetrachloroethene
Concen: 84.073 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021612.D
Acq: 23 Dec 2021 14:27

Instrument :
MSVOA_W
ClientSampleId :

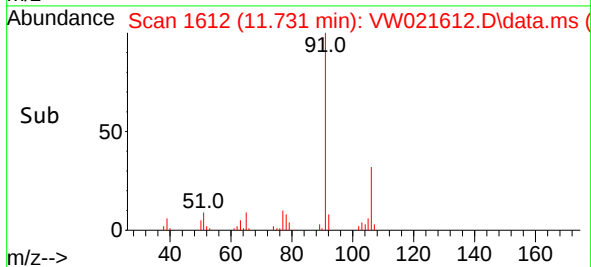
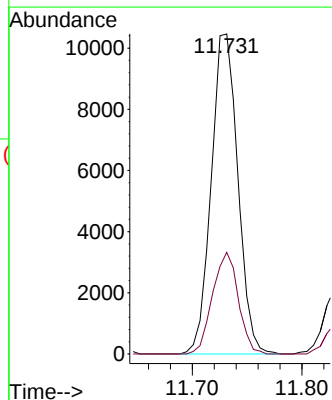
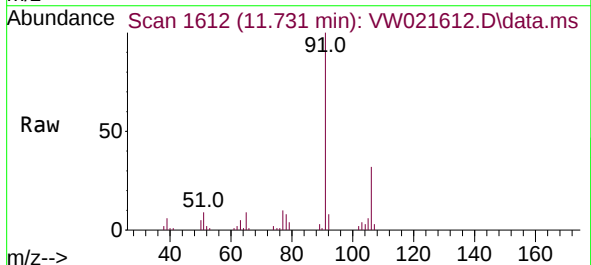


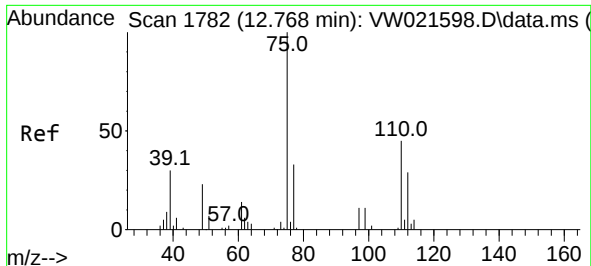
Tgt Ion:164 Resp: 150613
Ion Ratio Lower Upper
164 100
129 89.1 65.5 121.7
131 82.7 59.7 110.9
166 117.4 88.7 164.7



#52
Ethylbenzene
Concen: 1.969 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021612.D
Acq: 23 Dec 2021 14:27

Tgt Ion: 91 Resp: 17675
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9





#61

1,2,3-Trichloropropane

Concen: 7.332 ug/L

RT: 13.554 min Scan# 1861

Delta R.T. 0.786 min

Lab File: VW021612.D

Acq: 23 Dec 2021 14:27

Instrument :

MSVOA_W

ClientSampleId :

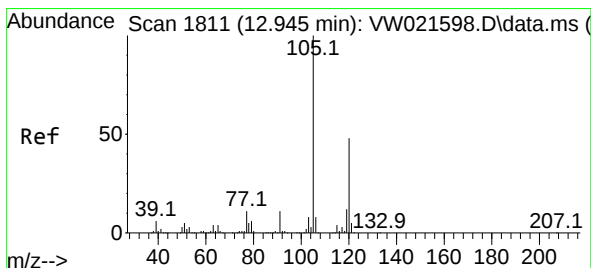
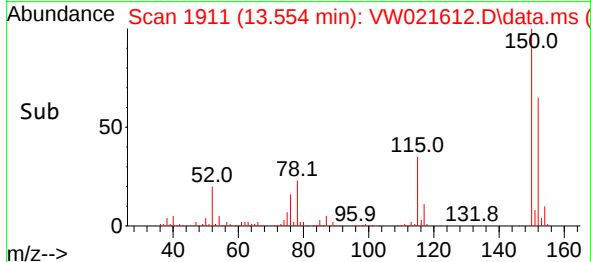
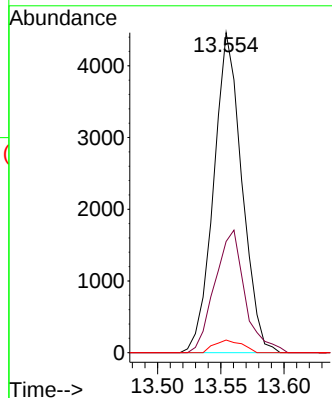
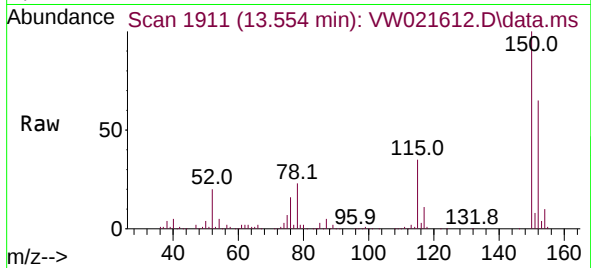
Tgt Ion: 75 Resp: 6935

Ion Ratio Lower Upper

75 100

77 40.7 25.8 38.8#

110 3.9 29.0 43.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.376 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.305 min

Lab File: VW021612.D

Acq: 23 Dec 2021 14:27

Tgt Ion: 105 Resp: 2828

Ion Ratio Lower Upper

105 100

120 47.1 37.4 56.2

