

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021606.D
 Acq On : 23 Dec 2021 12:03
 Operator : SY/VA
 Sample : M5174-02
 Misc : 6.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:32:18 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)

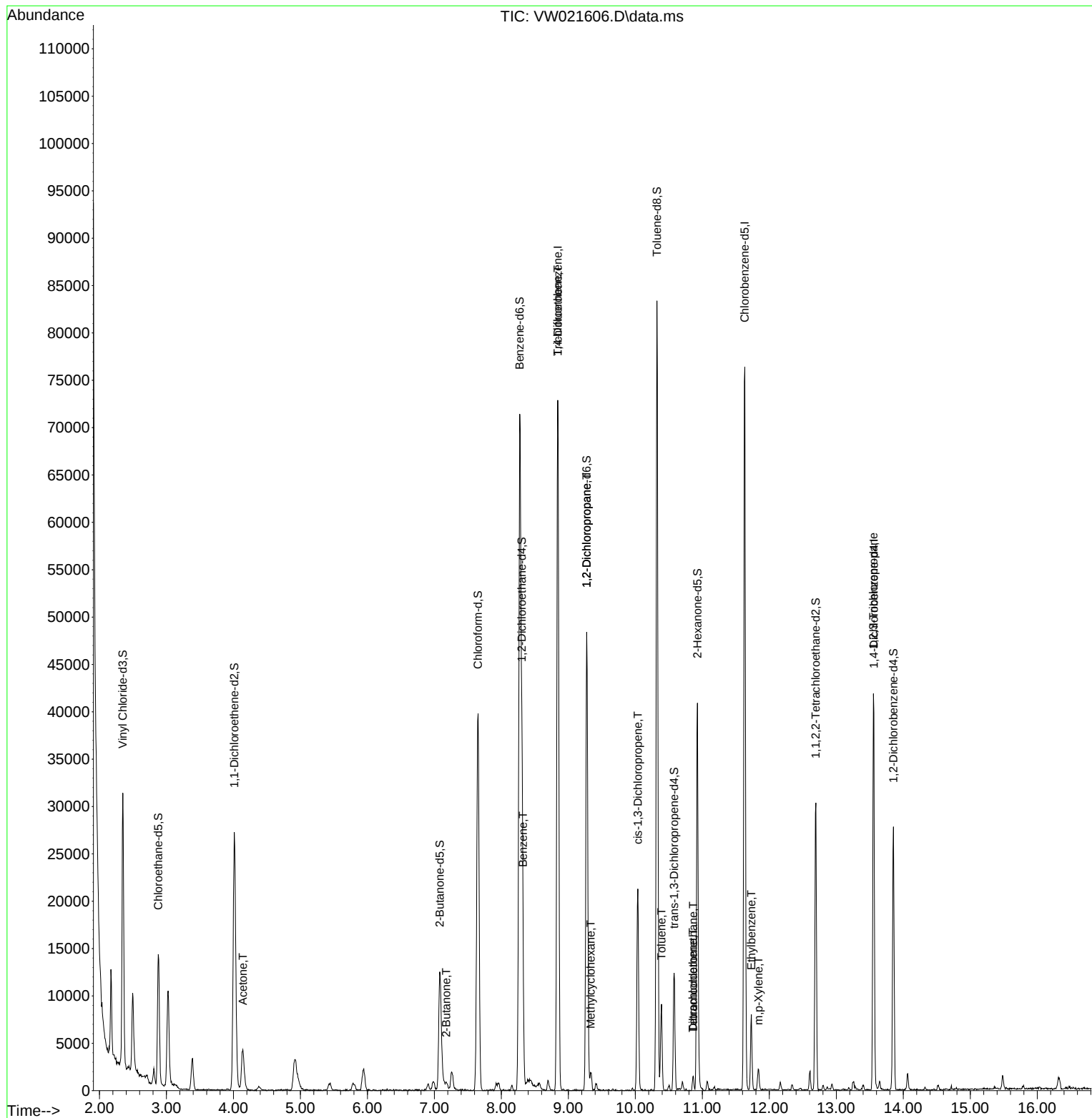
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	65171	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	44162	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	11770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20786	17.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.040%
7) Chloroethane-d5	2.879	69	15787	20.120	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.480%
11) 1,1-Dichloroethene-d2	4.013	63	24912	15.743	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.960%
21) 2-Butanone-d5	7.080	46	21506	128.539	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	257.080%#
24) Chloroform-d	7.653	84	40789	22.459	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.840%
26) 1,2-Dichloroethane-d4	8.305	65	26133	27.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	8.275	84	70605	29.167	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.680%
36) 1,2-Dichloropropane-d6	9.274	67	20342	31.334	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.320%#
41) Toluene-d8	10.323	98	54774	22.146	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	10.579	79	6889	23.046	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.200%
47) 2-Hexanone-d5	10.927	63	13376	139.336	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	278.680%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	13757	24.651	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	7092	15.547	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	62.200%#
Target Compounds						Qvalue
13) Acetone	4.141	43	8286	55.244	ug/L	96
22) 2-Butanone	7.177	43	1426	7.280	ug/L	77
33) Benzene	8.323	78	1496	0.622	ug/L	100
34) Trichloroethene	8.842	95	2050	3.036	ug/L #	5
35) Methylcyclohexane	9.335	83	726	0.652	ug/L #	90
37) 1,2-Dichloropropane	9.274	63	2725	5.078	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	605	0.715	ug/L #	83
42) Toluene	10.390	91	6708	2.384	ug/L	97
46) Tetrachloroethene	10.859	164	330	0.514	ug/L #	74
49) Dibromochloromethane	10.866	129	331	0.611	ug/L #	10
52) Ethylbenzene	11.731	91	5483	1.705	ug/L	91
53) m,p-Xylene	11.841	106	788	0.608	ug/L	70
61) 1,2,3-Trichloropropane	13.554	75	1265	7.385	ug/L #	61

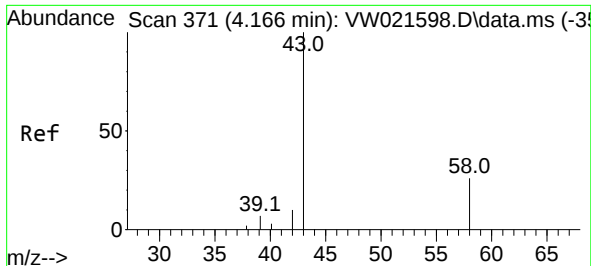
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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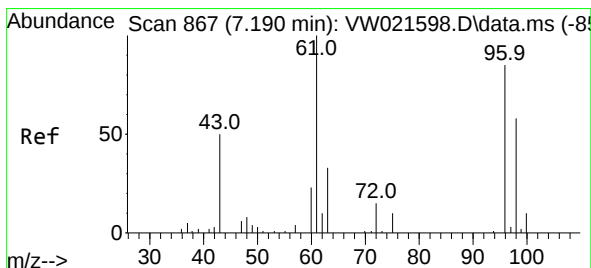
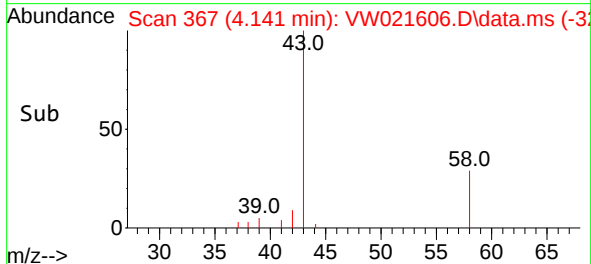
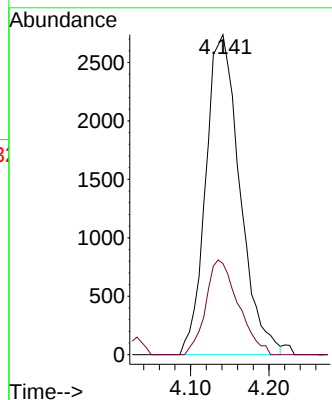
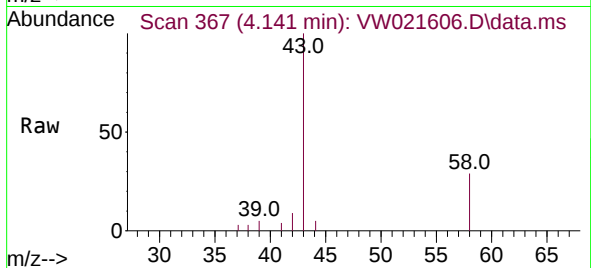




#13
Acetone
Concen: 55.244 ug/L
RT: 4.141 min Scan# 30
Delta R.T. -0.025 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

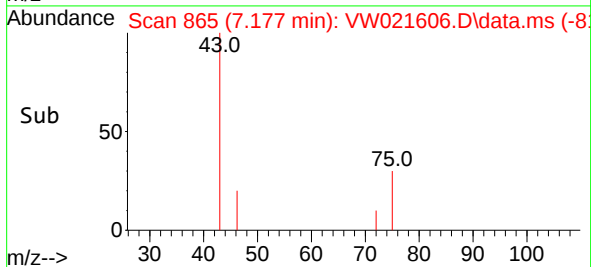
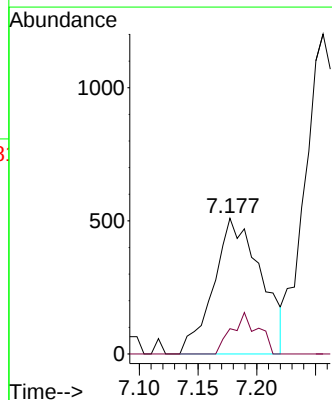
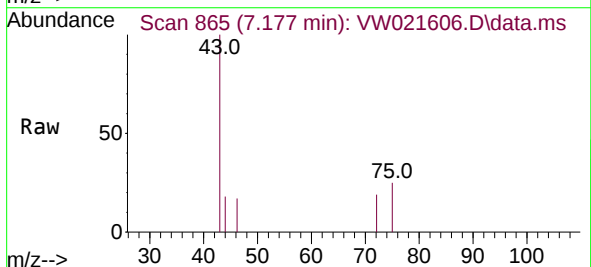
Instrument :
MSVOA_W
ClientSampleId :

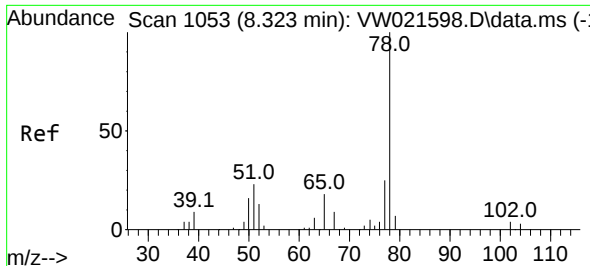
Tgt Ion: 43 Resp: 8286
Ion Ratio Lower Upper
43 100
58 28.2 0.0 52.8



#22
2-Butanone
Concen: 7.280 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.012 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
72 12.3 11.8 35.4

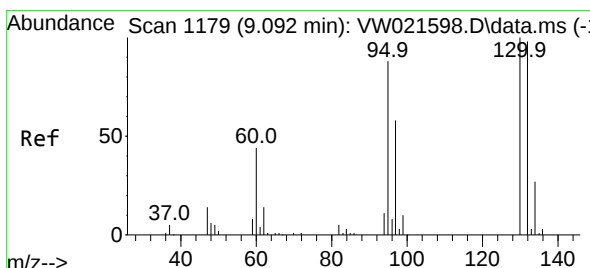
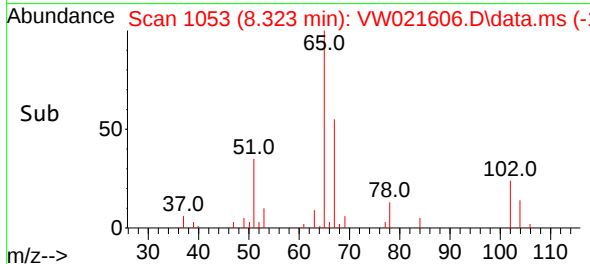
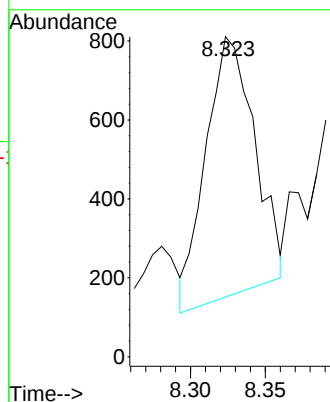
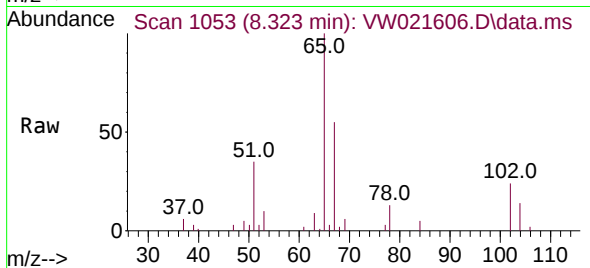




#33
Benzene
Concen: 0.622 ug/L
RT: 8.323 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

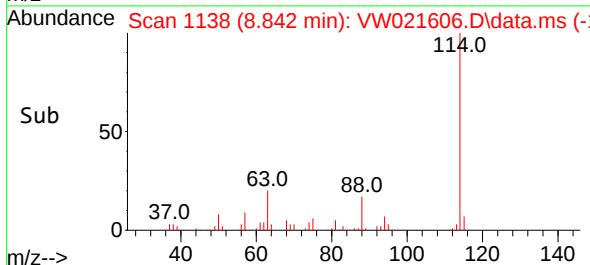
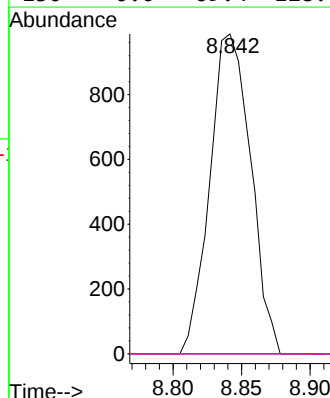
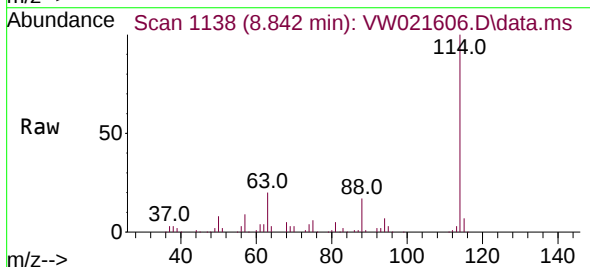
Instrument :
MSVOA_W
ClientSampleId :

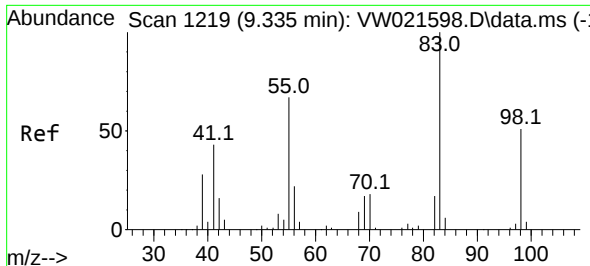
Tgt Ion: 78 Resp: 1496



#34
Trichloroethene
Concen: 3.036 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

Tgt Ion: 95 Resp: 2050
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#

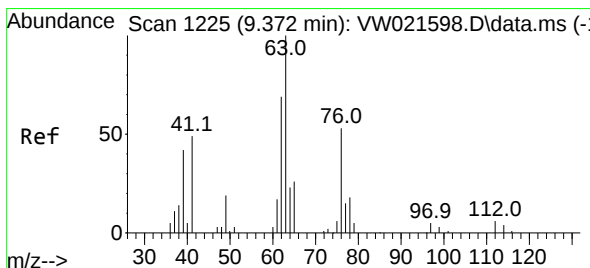
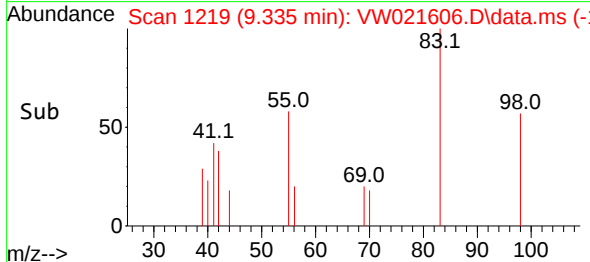
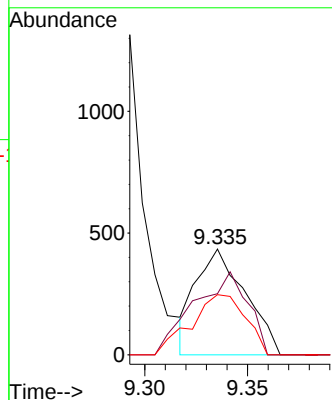
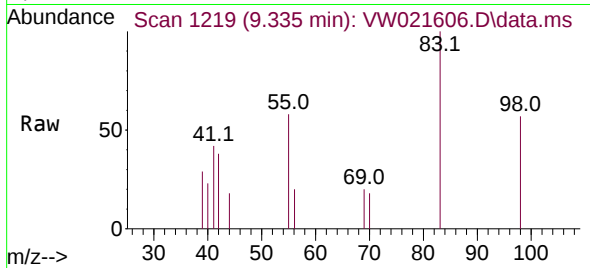




#35
Methylcyclohexane
Concen: 0.652 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

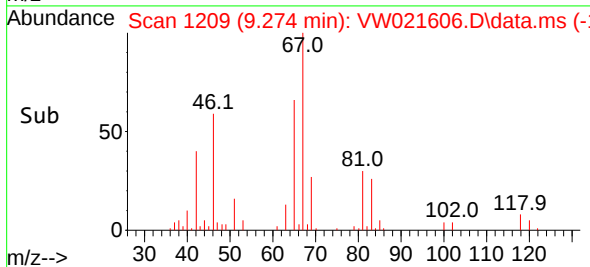
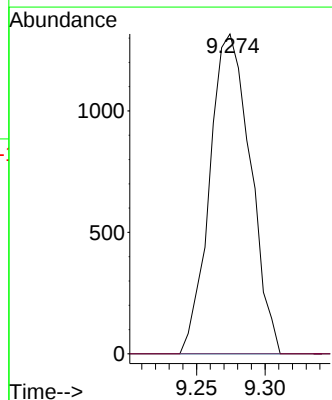
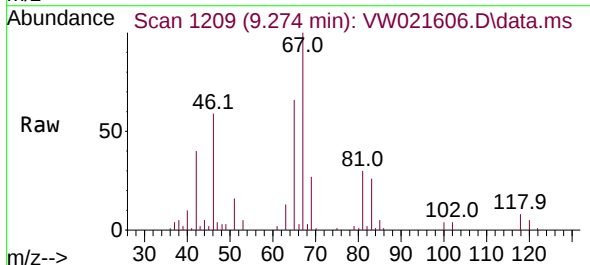
Instrument :
MSVOA_W
ClientSampleId :

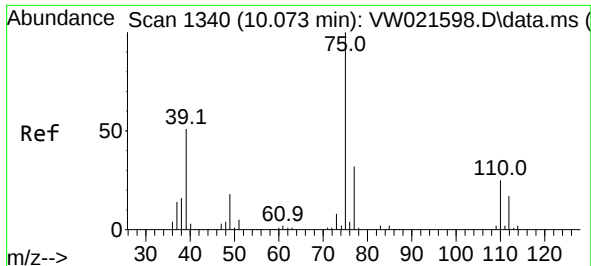
Tgt Ion: 83 Resp: 726
Ion Ratio Lower Upper
83 100
55 85.5 70.8 106.2
98 62.8 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 5.078 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

Tgt Ion: 63 Resp: 2725
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021606.D

Acq: 23 Dec 2021 12:03

Instrument :

MSVOA_W

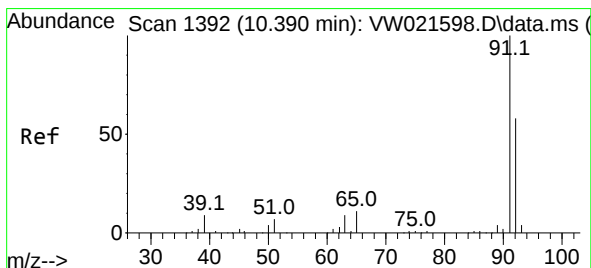
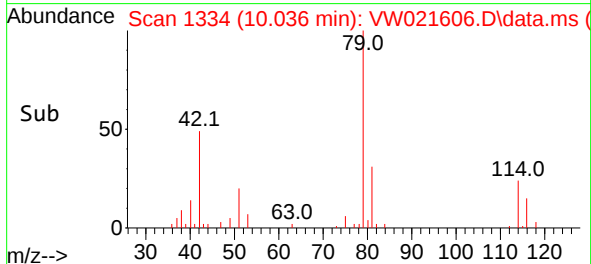
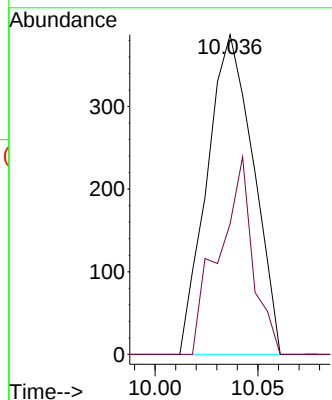
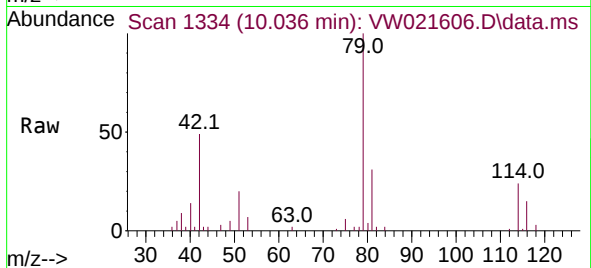
ClientSampleId :

Tgt Ion: 75 Resp: 605

Ion Ratio Lower Upper

75 100

77 40.8 21.8 40.6#



#42

Toluene

Concen: 2.384 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW021606.D

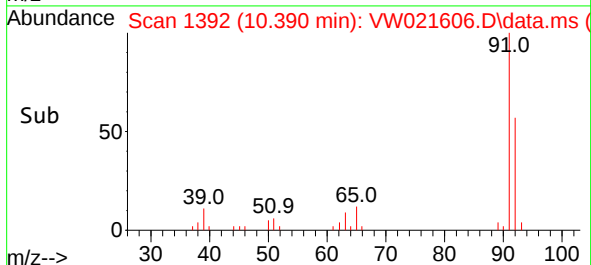
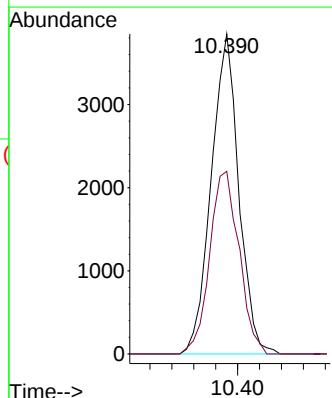
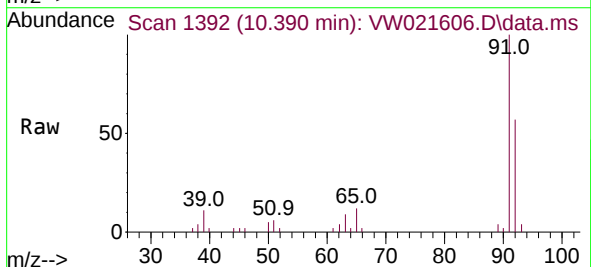
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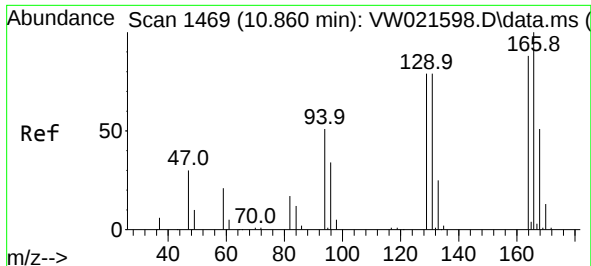
Tgt Ion: 91 Resp: 6708

Ion Ratio Lower Upper

91 100

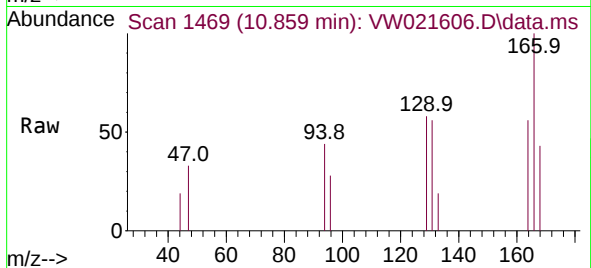
92 57.1 41.7 77.5



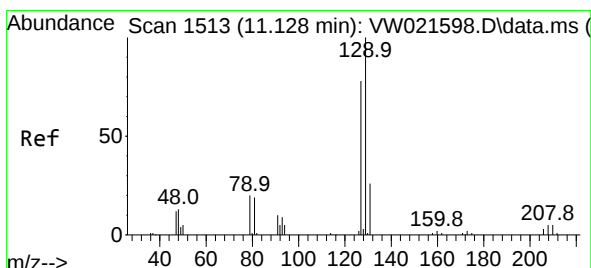
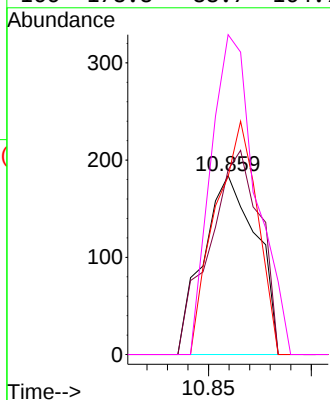
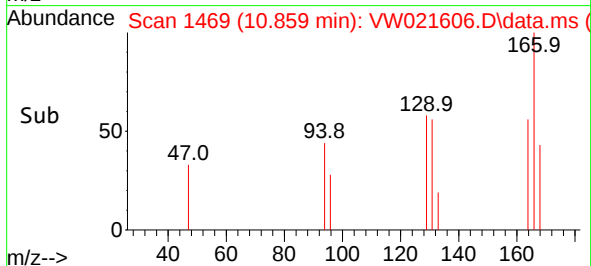


#46
Tetrachloroethene
Concen: 0.514 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

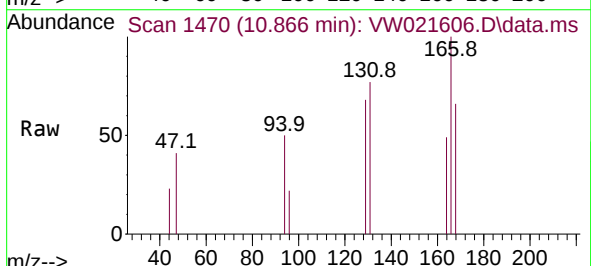
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ClientSampleId :



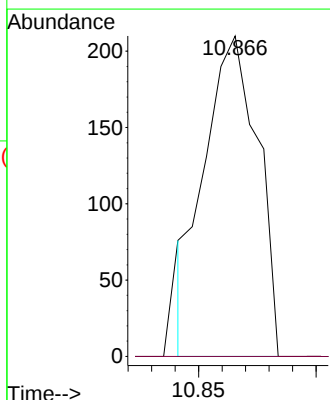
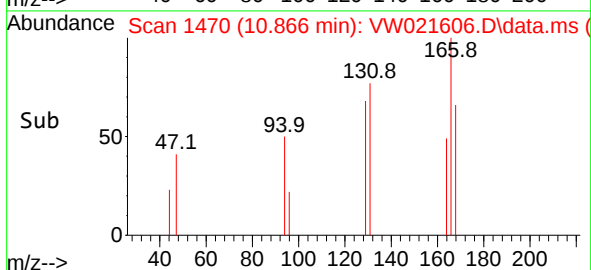
Tgt Ion:164 Resp: 330
Ion Ratio Lower Upper
164 100
129 103.3 65.5 121.7
131 99.5 59.7 110.9
166 178.8 88.7 164.7#

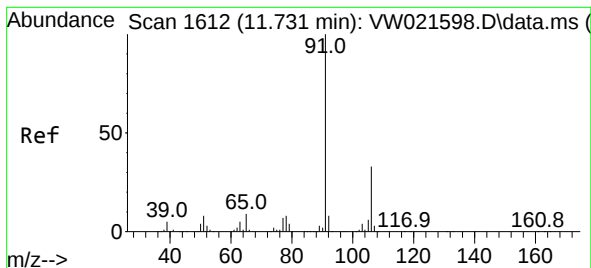


#49
Dibromochloromethane
Concen: 0.611 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03



Tgt Ion:129 Resp: 331
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

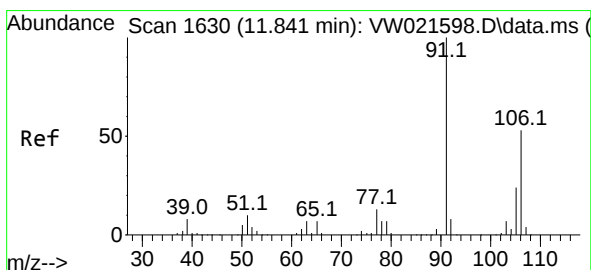
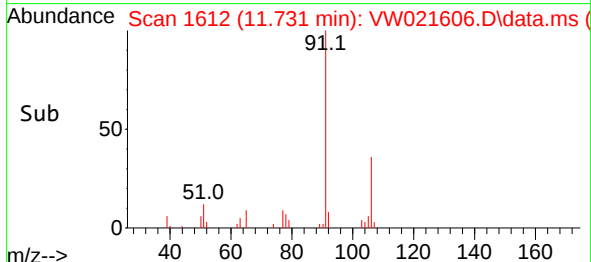
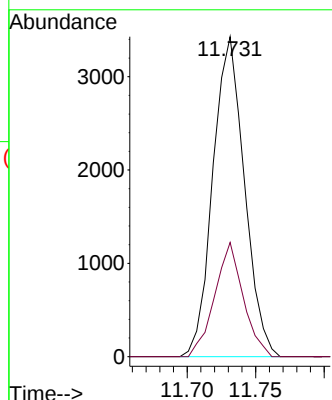
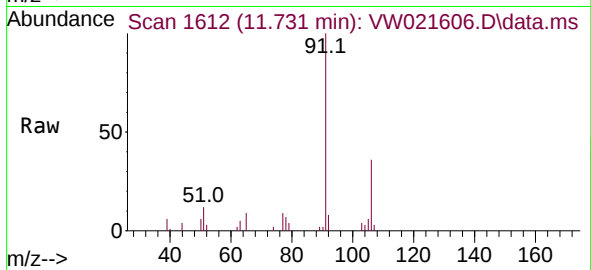




#52
Ethylbenzene
Concen: 1.705 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

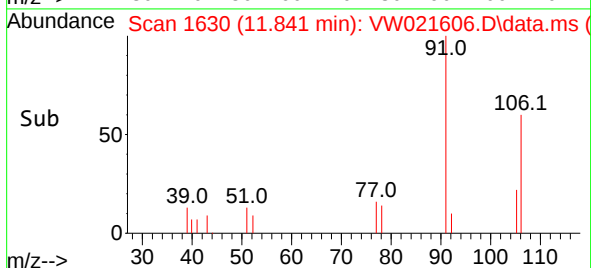
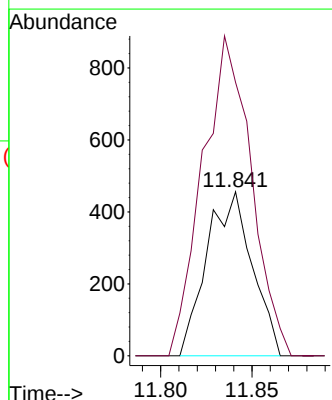
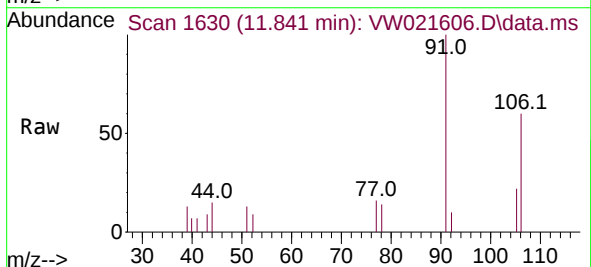
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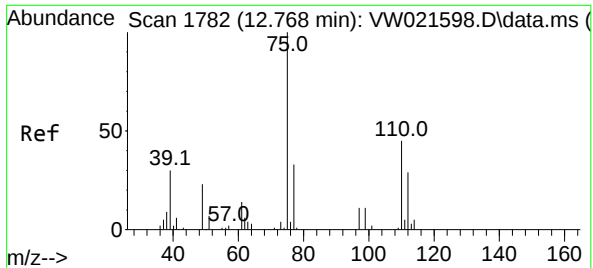
Tgt Ion: 91 Resp: 5483
Ion Ratio Lower Upper
91 100
106 35.7 21.5 39.9



#53
m,p-Xylene
Concen: 0.608 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021606.D
Acq: 23 Dec 2021 12:03

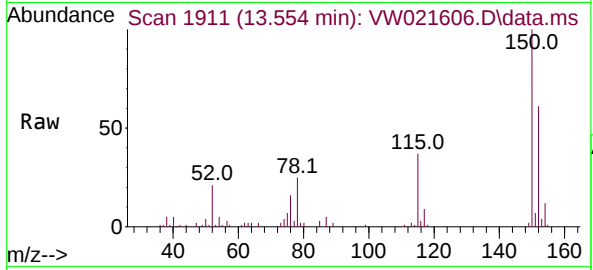
Tgt Ion: 106 Resp: 788
Ion Ratio Lower Upper
106 100
91 166.7 149.9 278.3





#61
 1,2,3-Trichloropropane
 Concen: 7.385 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021606.D
 Acq: 23 Dec 2021 12:03

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	1265
Ion	Ratio	Lower	Upper
75	100		
77	39.5	25.8	38.8#
110	0.0	29.0	43.4#

