

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021620.D
 Acq On : 23 Dec 2021 18:41
 Operator : SY/VA
 Sample : M5174-14
 Misc : 3.96g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:46:02 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)

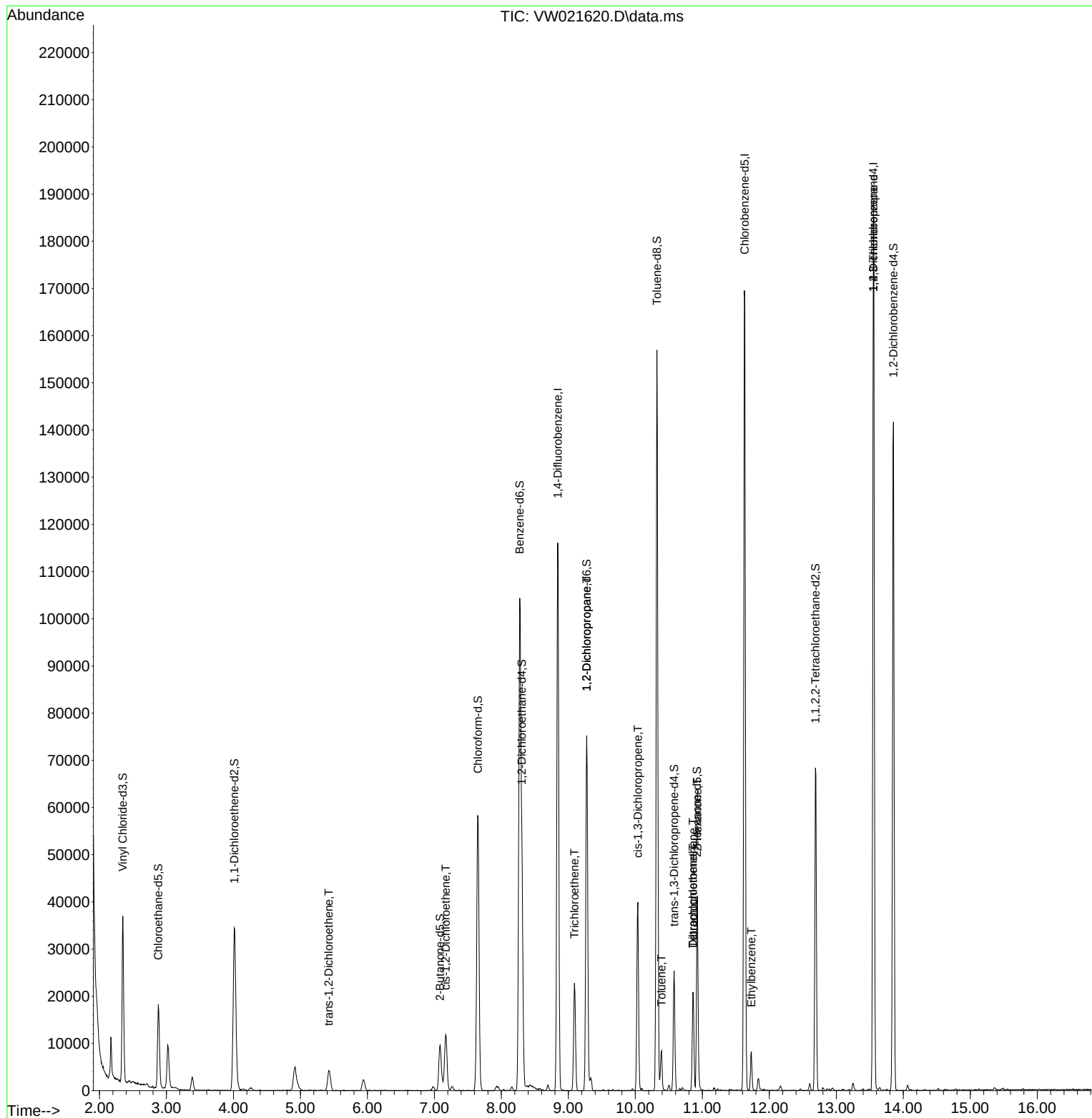
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	101004	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	97571	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50565	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	26916	14.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.520%
7) Chloroethane-d5	2.879	69	19690	16.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.760%
11) 1,1-Dichloroethene-d2	4.013	63	32532	13.265	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.080%
21) 2-Butanone-d5	7.086	46	16687	64.353	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.700%
24) Chloroform-d	7.653	84	59388	21.099	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	8.305	65	34211	22.849	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	8.274	84	105977	19.815	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.280%
36) 1,2-Dichloropropane-d6	9.274	67	32342	22.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	10.323	98	101713	18.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.440%
43) trans-1,3-Dichloroprop...	10.579	79	13650	20.668	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.680%
47) 2-Hexanone-d5	10.920	63	13802	65.074	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.140%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31355	25.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	38589	19.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.760%
Target Compounds						
					Qvalue	
17) trans-1,2-Dichloroethene	5.421	96	2602	1.919	ug/L	78
20) cis-1,2-Dichloroethene	7.171	96	7411	5.183	ug/L	80
34) Trichloroethene	9.091	95	7748	5.193	ug/L	94
37) 1,2-Dichloropropane	9.274	63	4187	3.532	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1186	0.635	ug/L	88
42) Toluene	10.390	91	6413	1.032	ug/L	98
46) Tetrachloroethene	10.859	164	4879	3.442	ug/L	90
48) 2-Hexanone	10.926	43	1853	3.955	ug/L	# 70
49) Dibromochloromethane	10.859	129	4138	3.459	ug/L	# 10
52) Ethylbenzene	11.731	91	5844	0.823	ug/L	99
61) 1,2,3-Trichloropropane	13.554	75	5686	7.726	ug/L	# 66

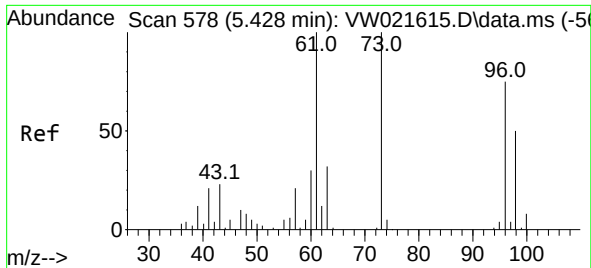
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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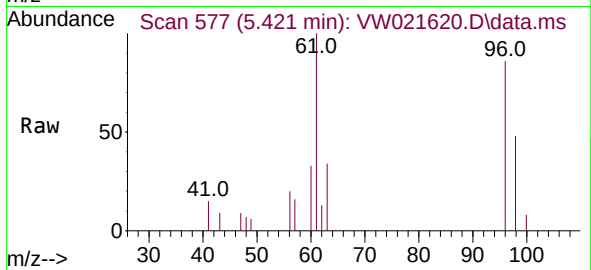
Quant Time: Dec 24 01:46:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration





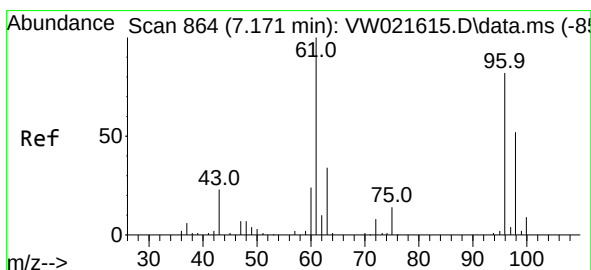
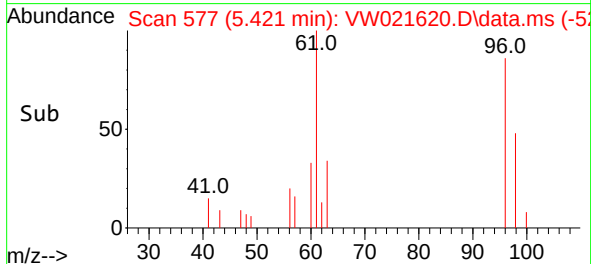
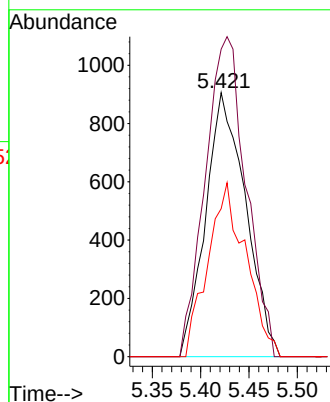
#17
trans-1,2-Dichloroethene
Concen: 1.919 ug/L
RT: 5.421 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW021620.D
Acq: 23 Dec 2021 18:41

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 2602

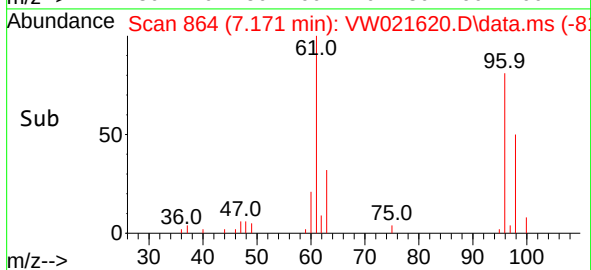
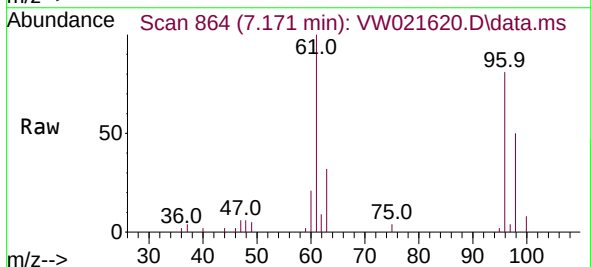
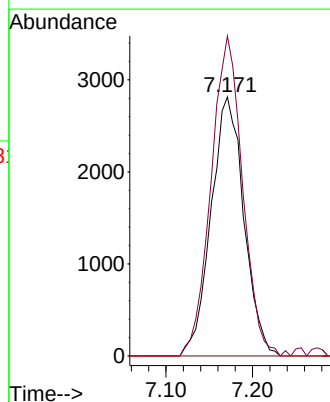
Ion	Ratio	Lower	Upper
96	100		
61	116.4	107.4	199.4
98	56.1	41.2	76.6

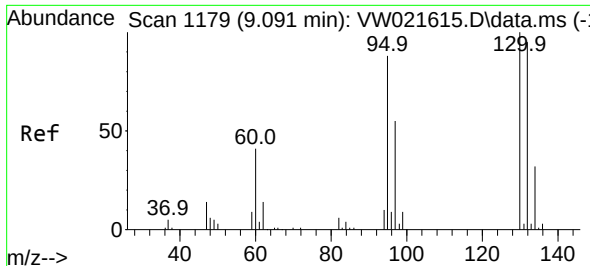


#20
cis-1,2-Dichloroethene
Concen: 5.183 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021620.D
Acq: 23 Dec 2021 18:41

Tgt Ion: 96 Resp: 7411

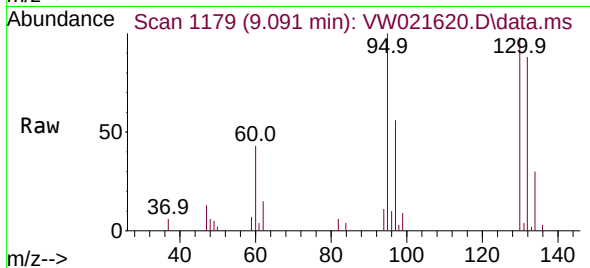
Ion	Ratio	Lower	Upper
96	100		
61	123.6	103.7	192.7
68	0.0	0.0	0.0





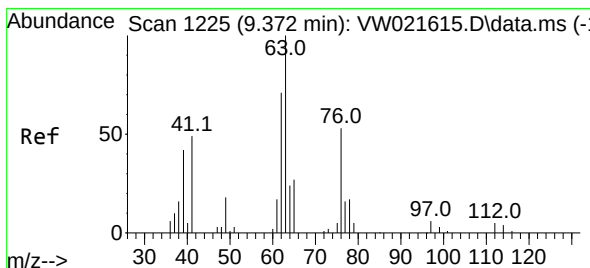
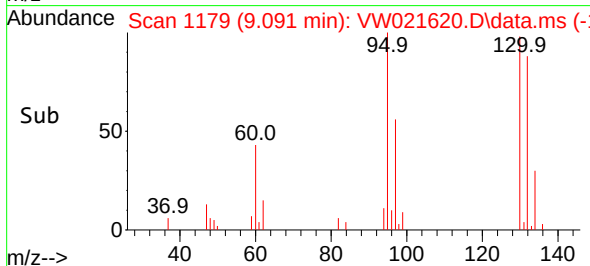
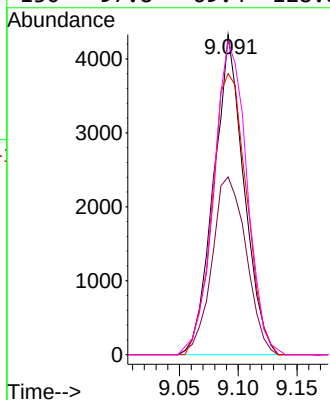
#34
Trichloroethene
Concen: 5.193 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021620.D
Acq: 23 Dec 2021 18:41

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 7748

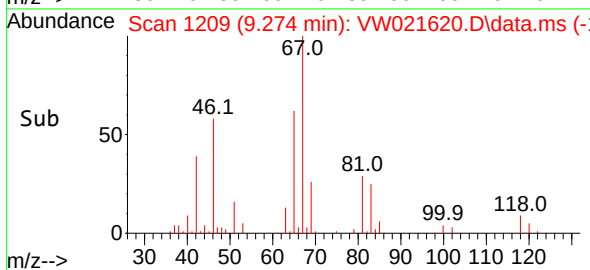
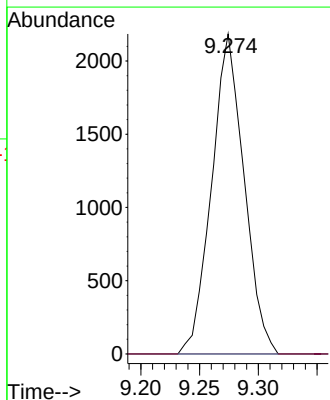
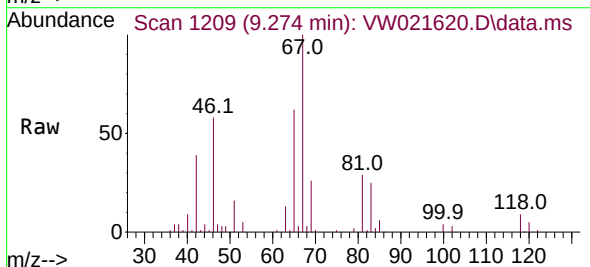
Ion	Ratio	Lower	Upper
95	100		
97	55.5	47.0	87.2
132	87.8	65.5	121.6
130	97.8	69.4	128.8

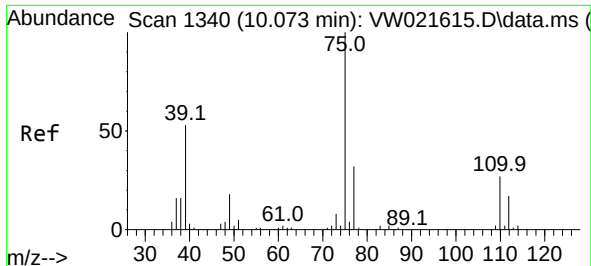


#37
1,2-Dichloropropane
Concen: 3.532 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021620.D
Acq: 23 Dec 2021 18:41

Tgt Ion: 63 Resp: 4187

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.635 ug/L

RT: 10.036 min Scan# 1186

Delta R.T. -0.037 min

Lab File: VW021620.D

Acq: 23 Dec 2021 18:41

Instrument :

MSVOA_W

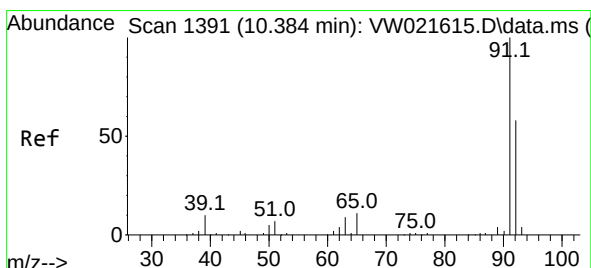
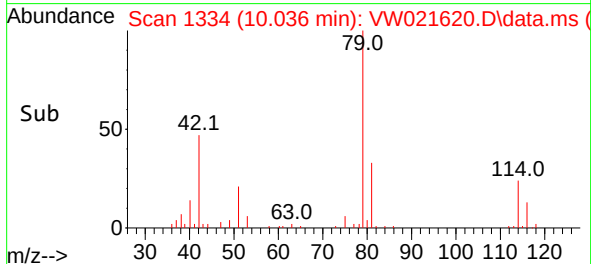
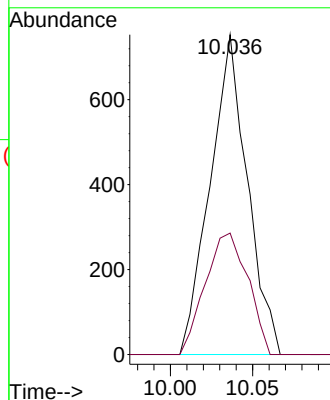
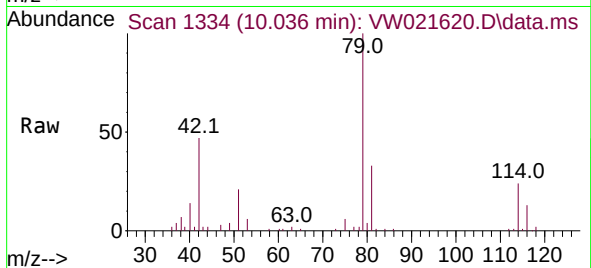
ClientSampleId :

Tgt Ion: 75 Resp: 1186

Ion Ratio Lower Upper

75 100

77 38.0 21.8 40.6



#42

Toluene

Concen: 1.032 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021620.D

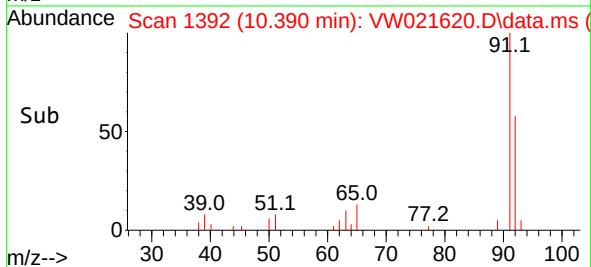
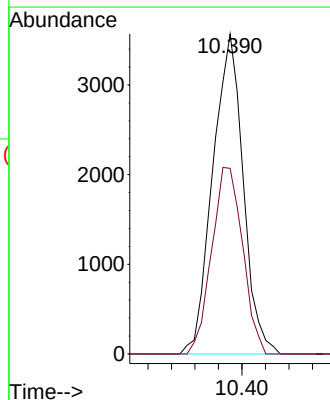
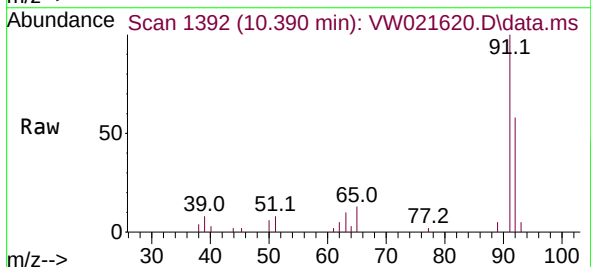
Acq: 23 Dec 2021 18:41

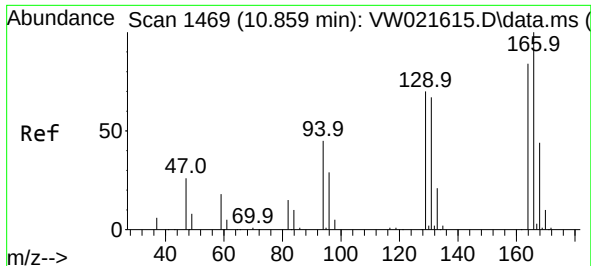
Tgt Ion: 91 Resp: 6413

Ion Ratio Lower Upper

91 100

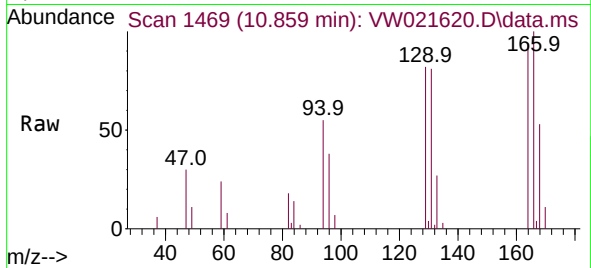
92 58.0 41.7 77.5



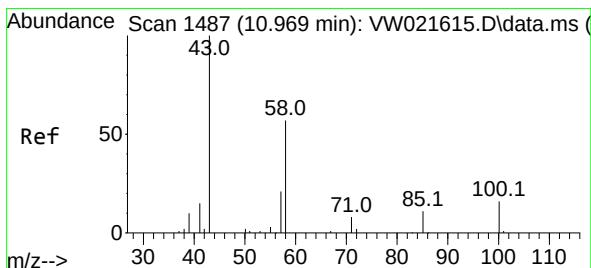
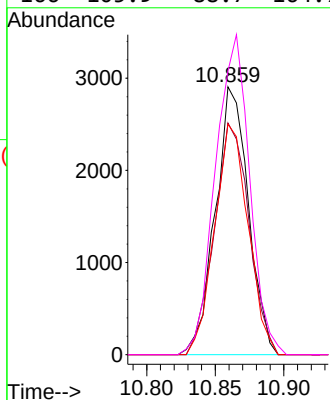
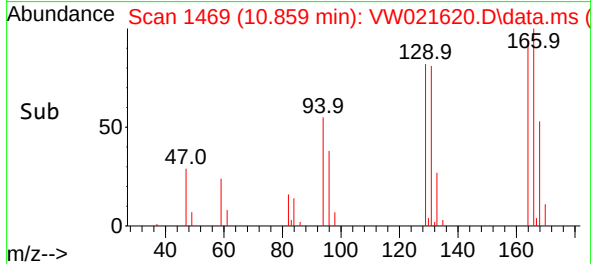


#46
Tetrachloroethene
Concen: 3.442 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021620.D
Acq: 23 Dec 2021 18:41

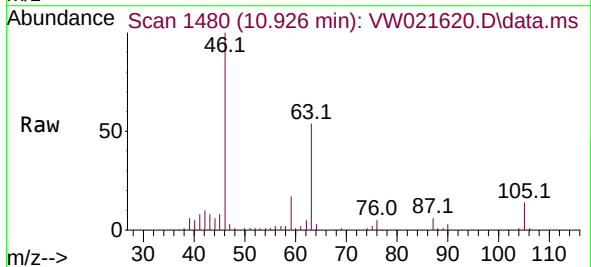
Instrument :
MSVOA_W
ClientSampleId :



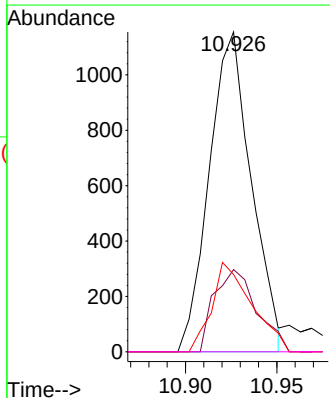
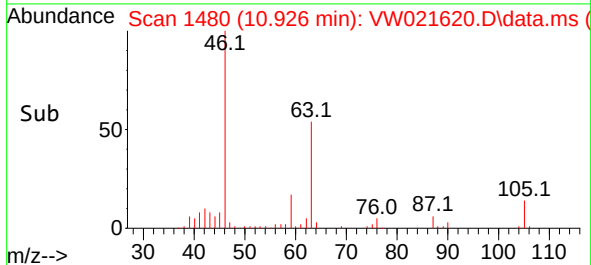
Tgt Ion:164 Resp: 4879
Ion Ratio Lower Upper
164 100
129 86.5 65.5 121.7
131 86.2 59.7 110.9
166 105.9 88.7 164.7

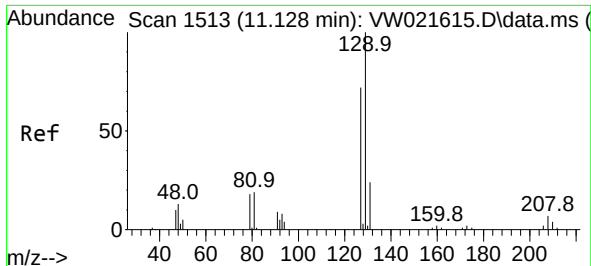


#48
2-Hexanone
Concen: 3.955 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021620.D
Acq: 23 Dec 2021 18:41



Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
58 26.0 40.2 60.2#
57 26.6 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 3.459 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021620.D

Acq: 23 Dec 2021 18:41

Instrument :

MSVOA_W

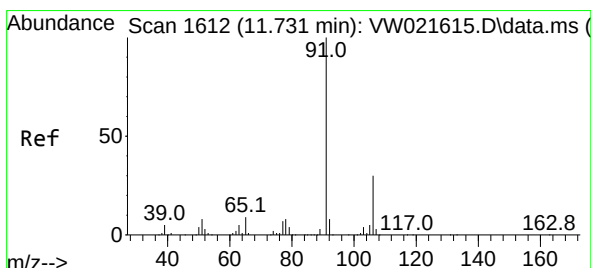
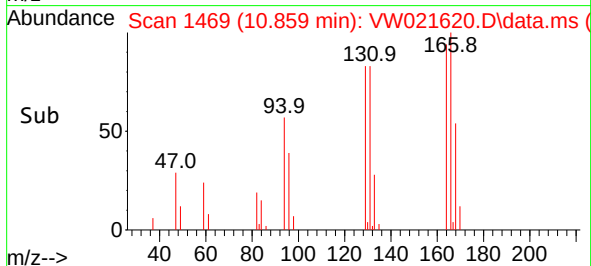
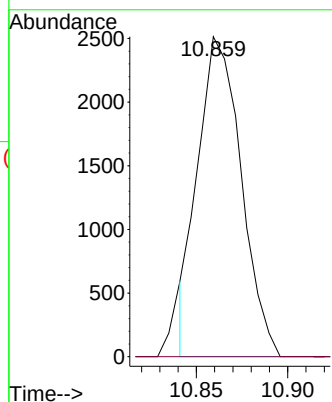
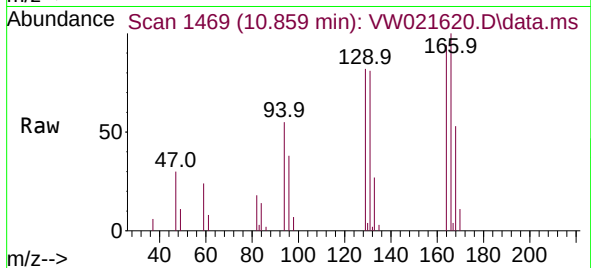
ClientSampleId :

Tgt Ion:129 Resp: 4138

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#52

Ethylbenzene

Concen: 0.823 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021620.D

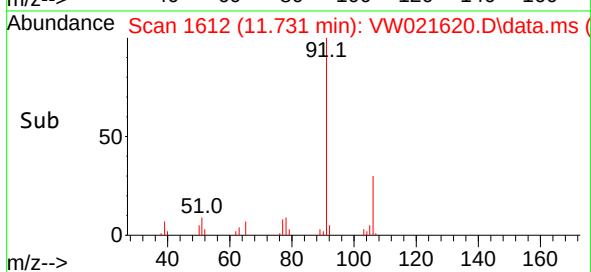
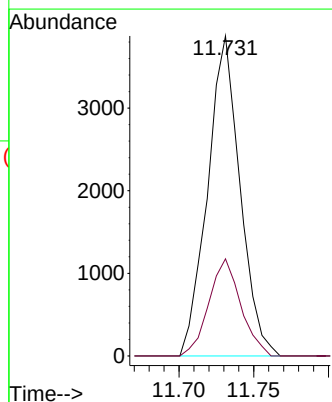
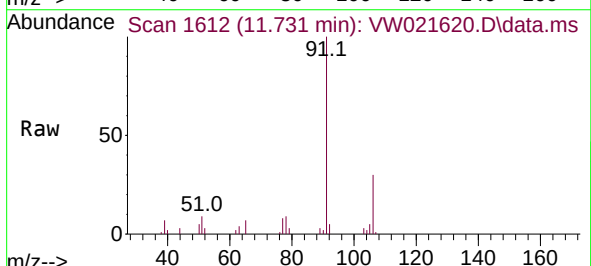
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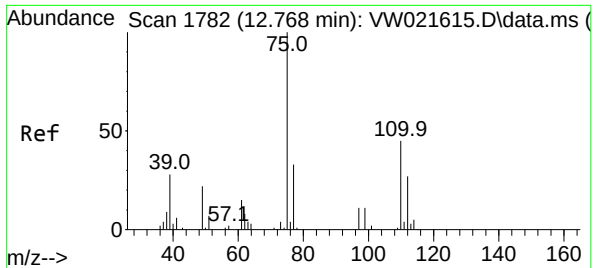
Tgt Ion: 91 Resp: 5844

Ion Ratio Lower Upper

91 100

106 30.4 21.5 39.9





#61
 1,2,3-Trichloropropane
 Concen: 7.726 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021620.D
 Acq: 23 Dec 2021 18:41

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	75	Resp:	5686
Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.8	38.8
110	2.9	29.0	43.4#

