

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021052.D
 Acq On : 02 Dec 2021 17:13
 Operator : SY/VA
 Sample : M4886-18
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:26:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

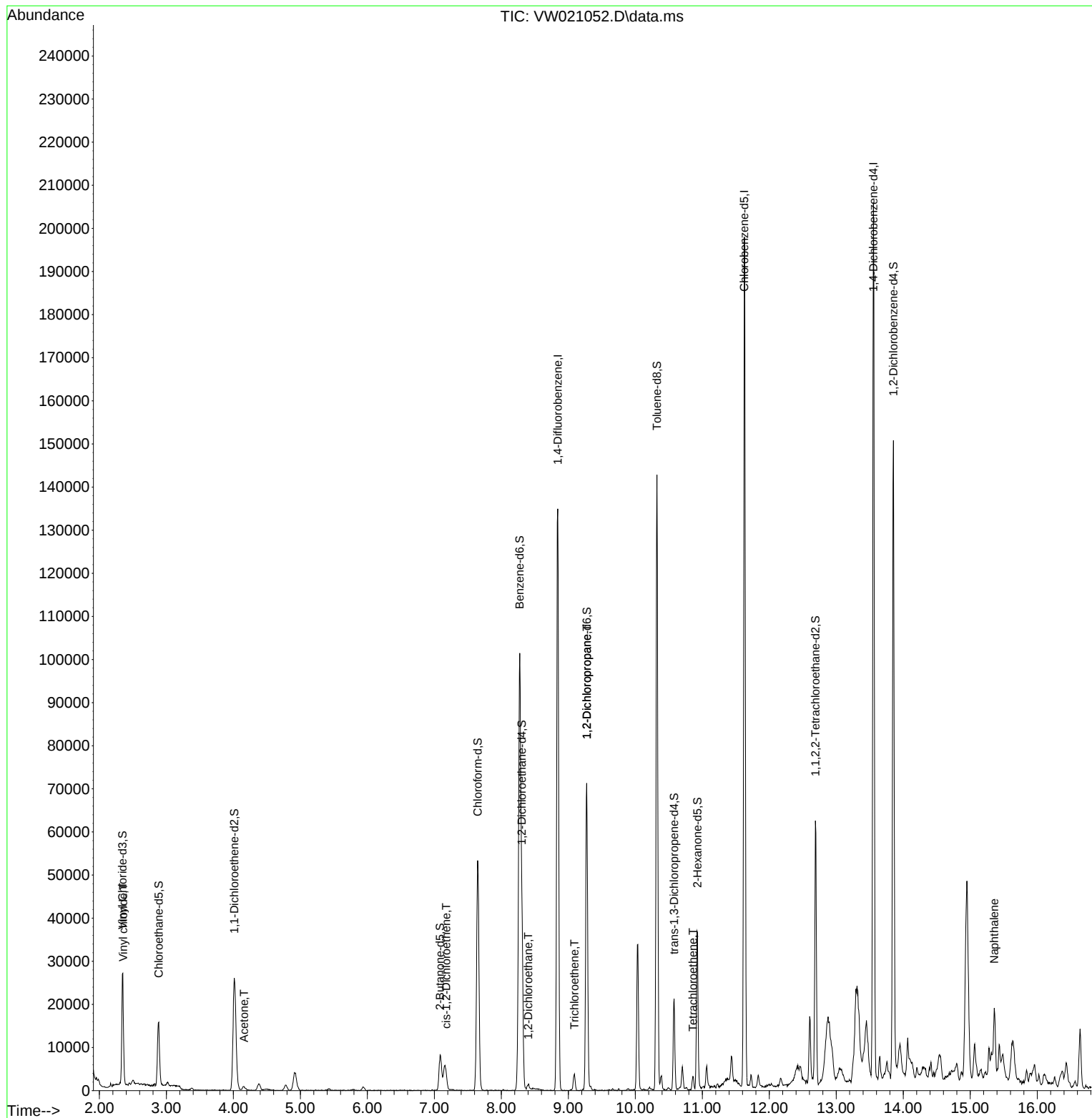
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	117644	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	106626	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	55515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	22417	16.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.720%
7) Chloroethane-d5	2.885	69	17958	20.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	4.013	63	25400	9.620	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.480%#
21) 2-Butanone-d5	7.086	46	14800	43.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.900%
24) Chloroform-d	7.647	84	52645	17.760	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.040%
26) 1,2-Dichloroethane-d4	8.305	65	29771	19.787	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.160%
32) Benzene-d6	8.275	84	98083	17.453	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.800%
36) 1,2-Dichloropropane-d6	9.275	67	29997	18.745	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.960%
41) Toluene-d8	10.323	98	91854	16.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.880%
43) trans-1,3-Dichloroprop...	10.579	79	11267	14.896	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.600%
47) 2-Hexanone-d5	10.927	63	12454	46.924	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	26965	21.996	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	38083	19.247	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.000%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	2457	1.372	ug/L #	32
13) Acetone	4.160	43	2059	6.771	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	1001	0.585	ug/L #	58
27) 1,2-Dichloroethane	8.403	62	1034	0.594	ug/L #	77
34) Trichloroethene	9.092	95	1041	0.616	ug/L	93
37) 1,2-Dichloropropane	9.275	63	3673	2.614	ug/L #	88
46) Tetrachloroethene	10.860	164	718	0.463	ug/L	94
71) Naphthalene	15.359	128	12449	3.326	ug/L #	97

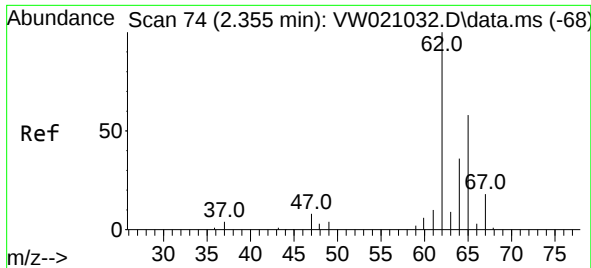
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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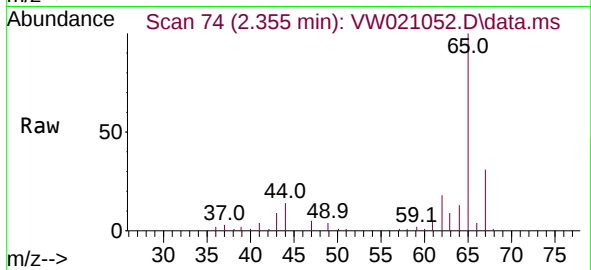
Quant Time: Dec 03 02:26:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
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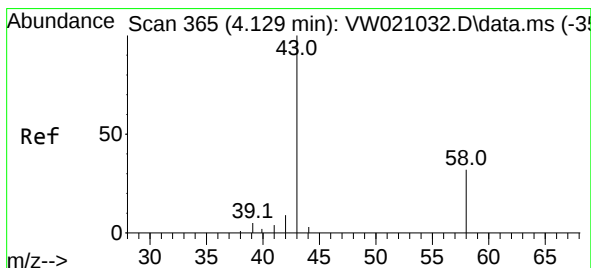
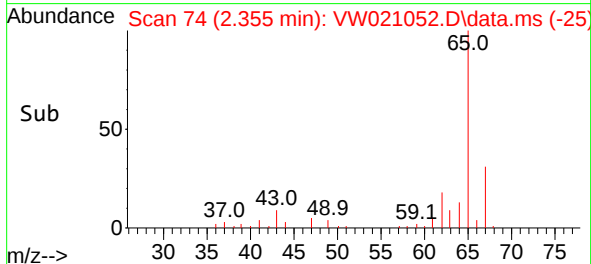
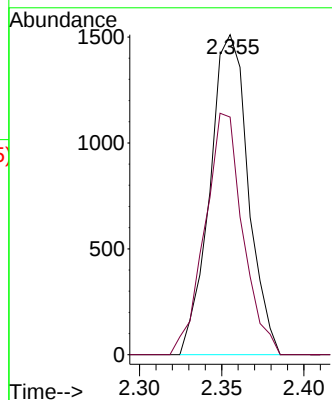


#5
 Vinyl chloride
 Concen: 1.372 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW021052.D
 Acq: 02 Dec 2021 17:13

Instrument :
 MSVOA_W
 ClientSampleId :

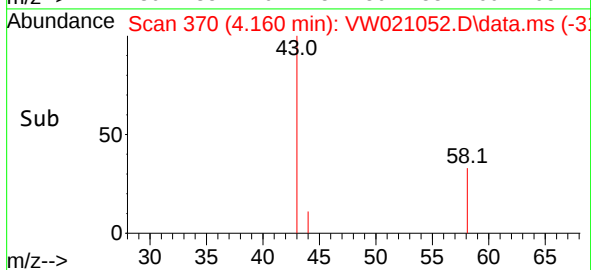
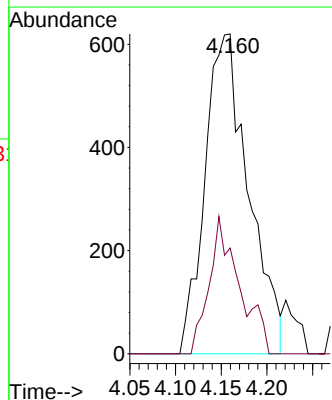
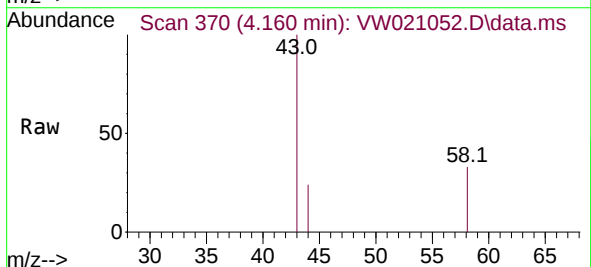


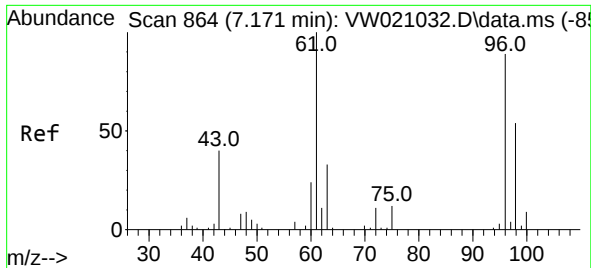
Tgt Ion: 62 Resp: 2457
 Ion Ratio Lower Upper
 62 100
 64 74.3 24.4 45.2#



#13
 Acetone
 Concen: 6.771 ug/L
 RT: 4.160 min Scan# 370
 Delta R.T. 0.030 min
 Lab File: VW021052.D
 Acq: 02 Dec 2021 17:13

Tgt Ion: 43 Resp: 2059
 Ion Ratio Lower Upper
 43 100
 58 25.4 0.0 52.8

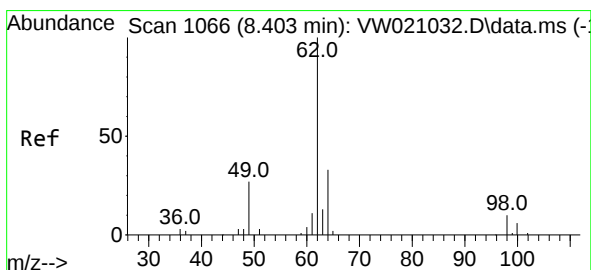
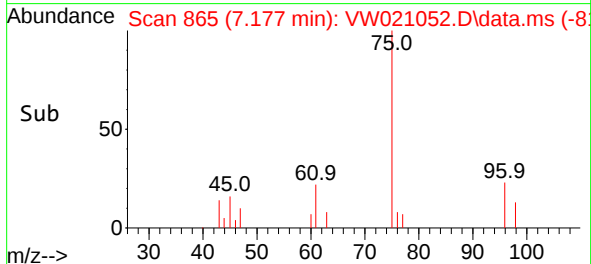
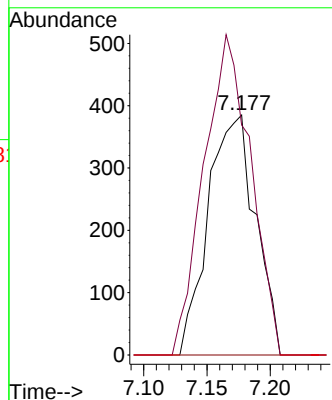
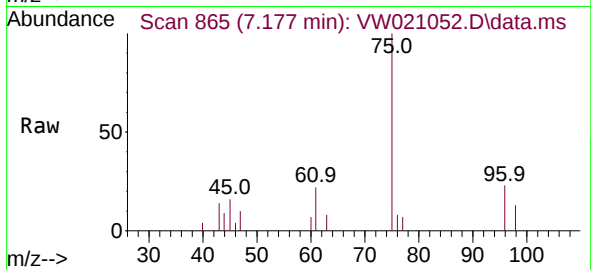




#20
 cis-1,2-Dichloroethene
 Concen: 0.585 ug/L
 RT: 7.177 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW021052.D
 Acq: 02 Dec 2021 17:13

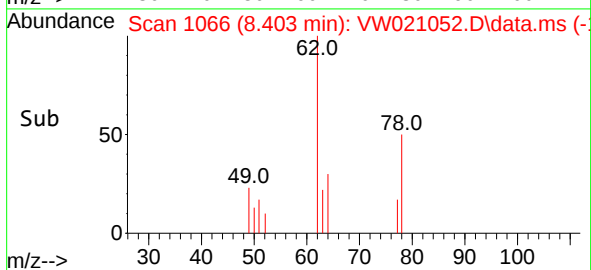
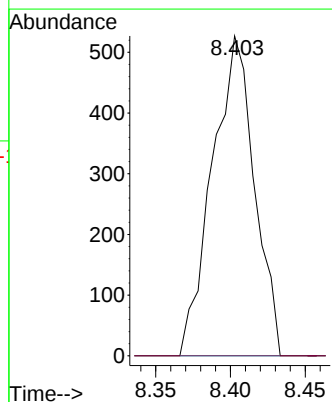
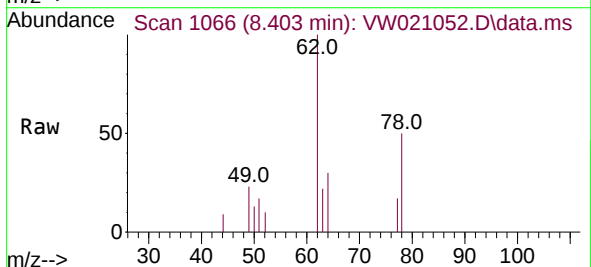
Instrument :
 MSVOA_W
 ClientSampleId :

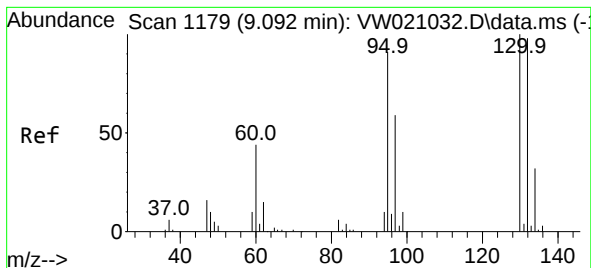
Tgt Ion: 96 Resp: 1001
 Ion Ratio Lower Upper
 96 100
 61 95.8 103.7 192.7#
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.594 ug/L
 RT: 8.403 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VW021052.D
 Acq: 02 Dec 2021 17:13

Tgt Ion: 62 Resp: 1034
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.5 9.7#





#34

Trichloroethene

Concen: 0.616 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

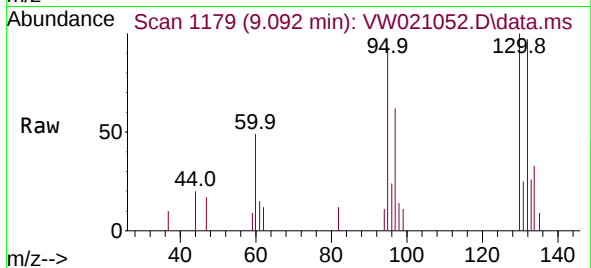
Lab File: VW021052.D

Acq: 02 Dec 2021 17:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 1041

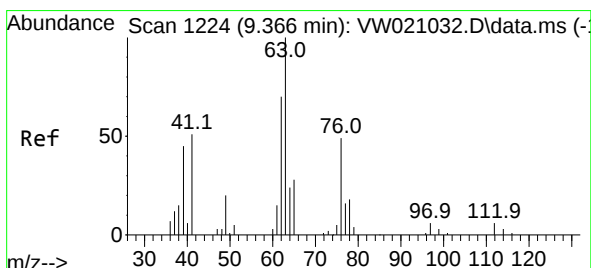
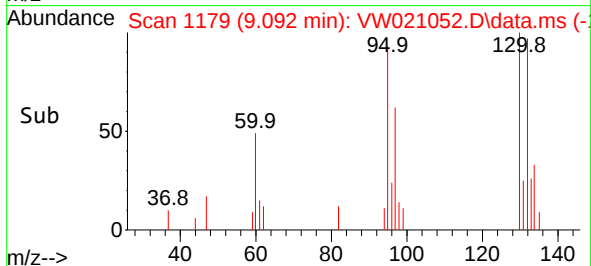
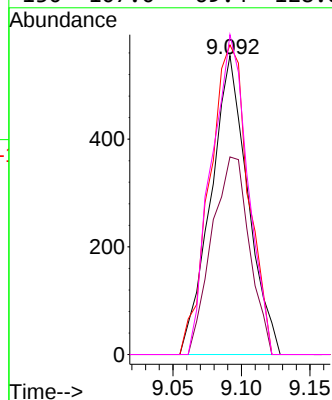
Ion Ratio Lower Upper

95 100

97 66.1 47.0 87.2

132 103.6 65.5 121.6

130 107.0 69.4 128.8



#37

1,2-Dichloropropane

Concen: 2.614 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021052.D

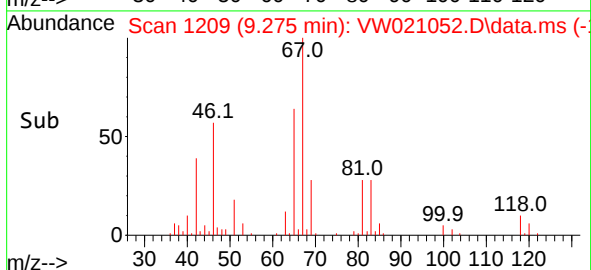
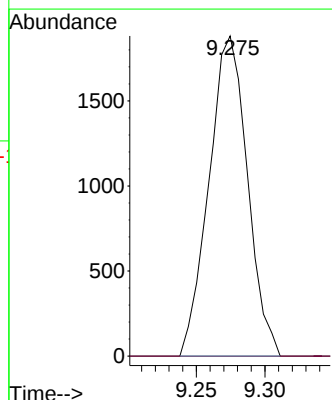
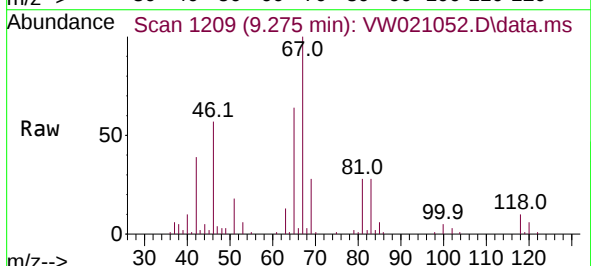
Acq: 02 Dec 2021 17:13

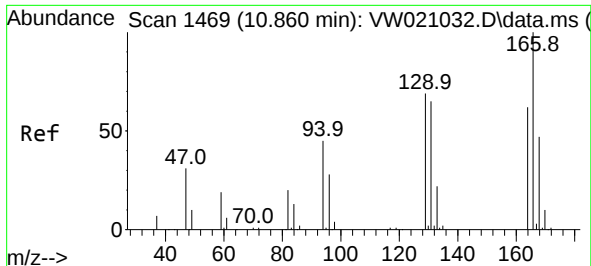
Tgt Ion: 63 Resp: 3673

Ion Ratio Lower Upper

63 100

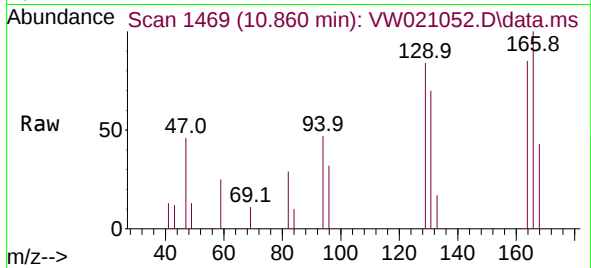
112 0.0 3.2 4.8#





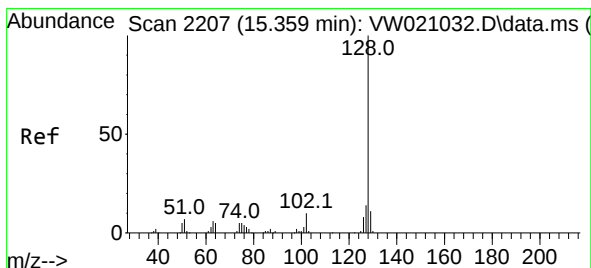
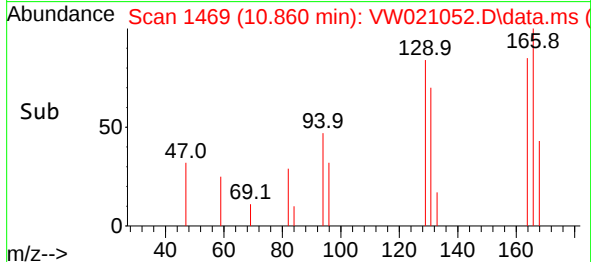
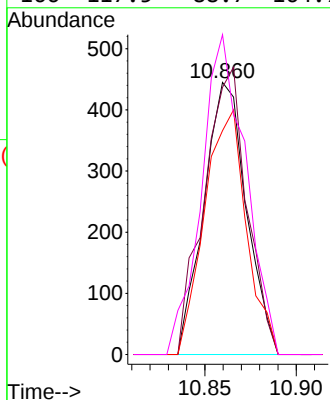
#46
Tetrachloroethene
Concen: 0.463 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021052.D
Acq: 02 Dec 2021 17:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 718

Ion	Ratio	Lower	Upper
164	100		
129	98.2	65.5	121.7
131	82.2	59.7	110.9
166	117.5	88.7	164.7



#71
Naphthalene
Concen: 3.326 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021052.D
Acq: 02 Dec 2021 17:13

Tgt Ion:128 Resp: 12449

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	13.0	8.6	12.8#

