

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021625.D
 Acq On : 23 Dec 2021 20:41
 Operator : SY/VA
 Sample : M5214-07RE
 Misc : 6.47g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:47:06 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)

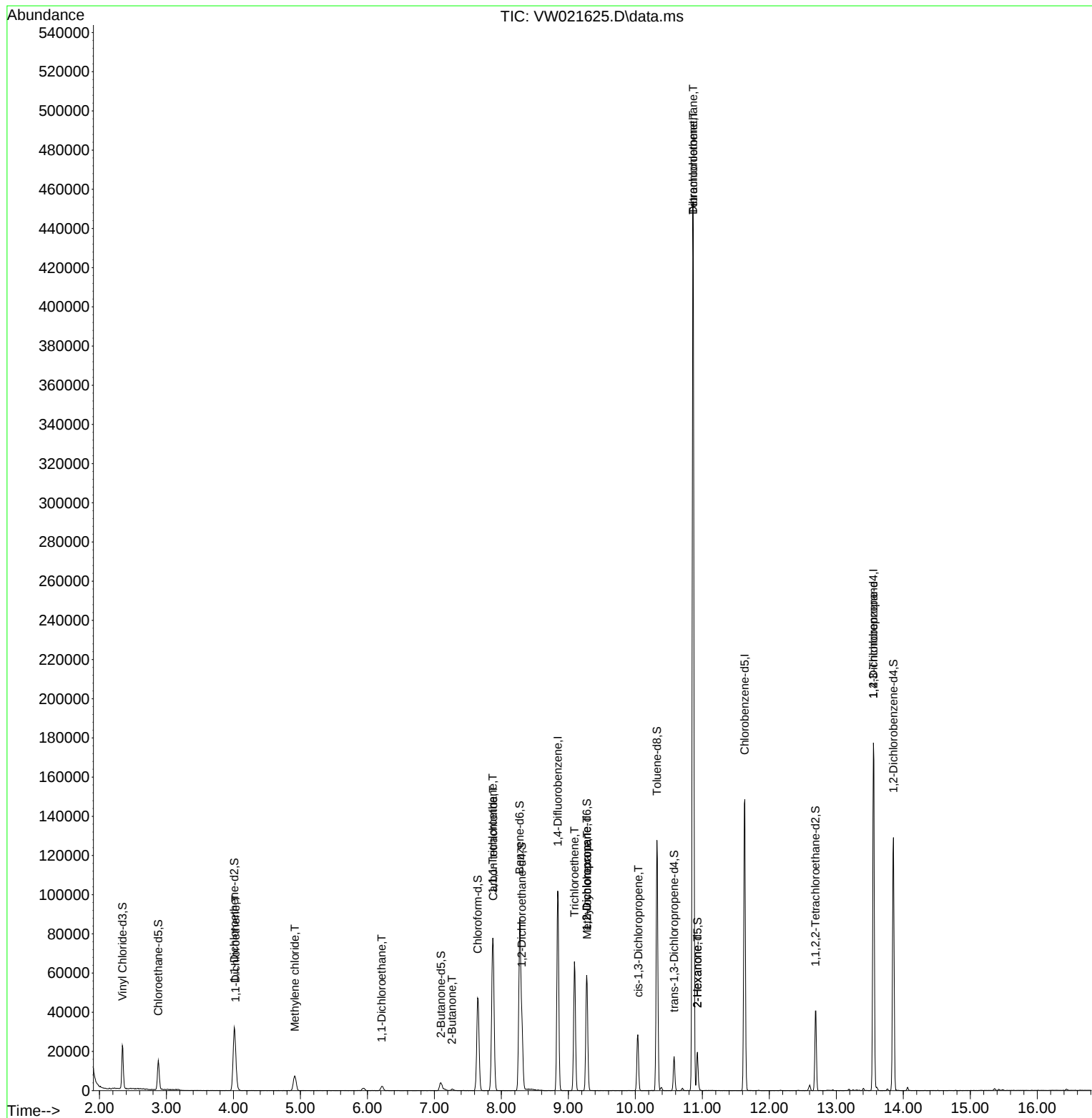
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	88051	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	87071	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	48613	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	21725	13.547	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.200%
7) Chloroethane-d5	2.879	69	15907	15.005	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.000%
11) 1,1-Dichloroethene-d2	4.013	63	28839	13.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.960%
21) 2-Butanone-d5	7.098	46	7829	34.634	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.260%
24) Chloroform-d	7.646	84	47589	19.394	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.560%
26) 1,2-Dichloroethane-d4	8.305	65	24775	18.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.920%
32) Benzene-d6	8.274	84	86403	18.104	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	9.274	67	25278	19.749	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.000%
41) Toluene-d8	10.323	98	85411	17.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.080%
43) trans-1,3-Dichloroprop...	10.579	79	9051	15.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.440%
47) 2-Hexanone-d5	10.926	63	6743	35.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	18914	17.190	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.760%
66) 1,2-Dichlorobenzene-d4	13.853	152	35444	18.813	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.240%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.031	96	3566	3.267	ug/L	# 1
16) Methylene chloride	4.915	84	5871	4.035	ug/L	86
19) 1,1-Dichloroethane	6.214	63	3293	1.776	ug/L	98
22) 2-Butanone	7.262	43	1433	5.415	ug/L	# 52
30) 1,1,1-Trichloroethane	7.872	97	63398	32.451	ug/L	95
31) Carbon tetrachloride	7.878	117	8207	4.554	ug/L	98
34) Trichloroethene	9.091	95	20874	15.677	ug/L	86
35) Methylcyclohexane	9.280	83	6680	3.041	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	3303	3.122	ug/L	# 88
39) cis-1,3-Dichloropropene	10.042	75	831	0.498	ug/L	# 71
46) Tetrachloroethene	10.865	164	101062	79.900	ug/L	94
48) 2-Hexanone	10.926	43	893	2.136	ug/L	# 67
49) Dibromochloromethane	10.865	129	90567	84.837	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	5484	7.751	ug/L	# 67

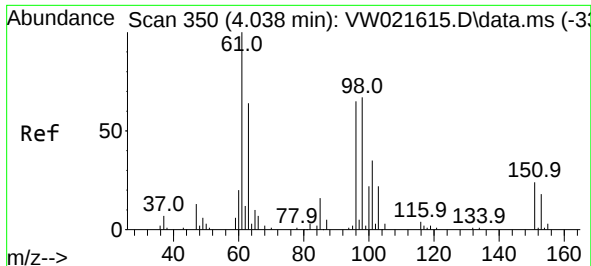
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

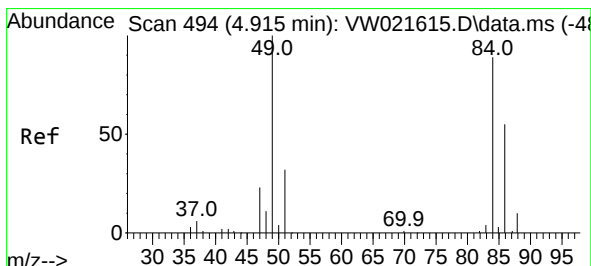
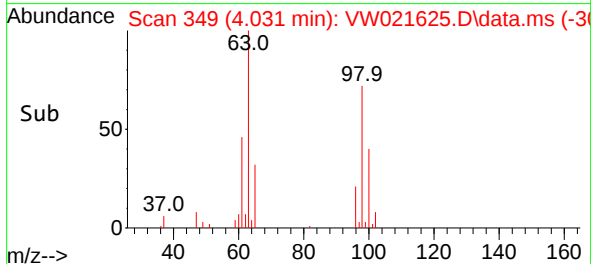
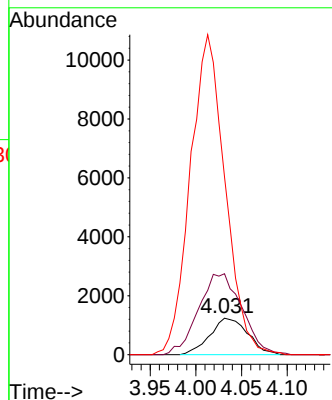
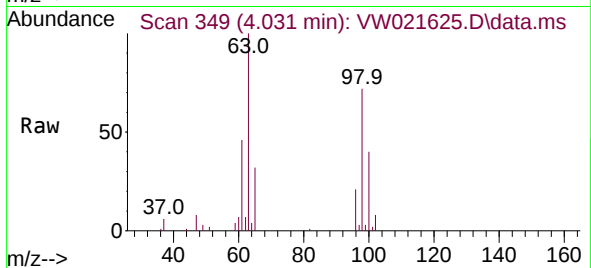




#12
1,1-Dichloroethene
Concen: 3.267 ug/L
RT: 4.031 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

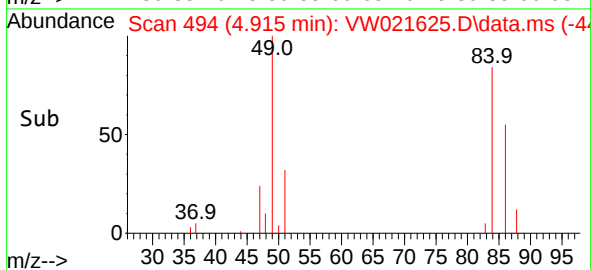
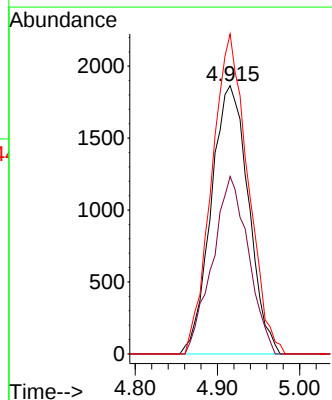
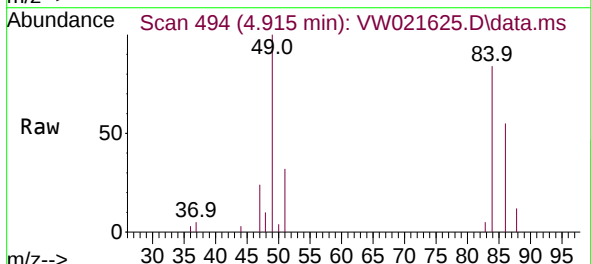
Instrument :
MSVOA_W
ClientSampleId :

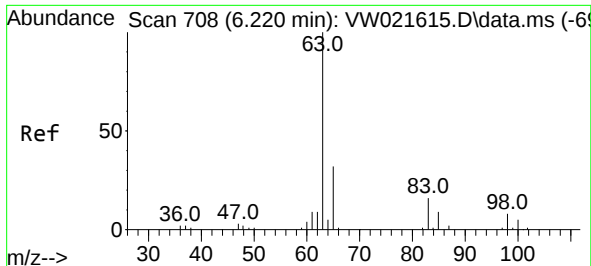
Tgt Ion: 96 Resp: 3566
Ion Ratio Lower Upper
96 100
61 221.9 138.3 256.9
63 487.5 82.6 153.4#



#16
Methylene chloride
Concen: 4.035 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

Tgt Ion: 84 Resp: 5871
Ion Ratio Lower Upper
84 100
86 66.1 45.5 84.5
49 119.2 100.5 186.7





#19

1,1-Dichloroethane

Concen: 1.776 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021625.D

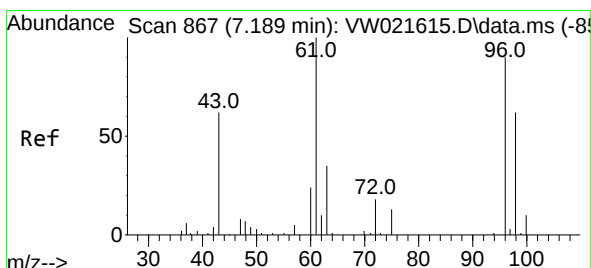
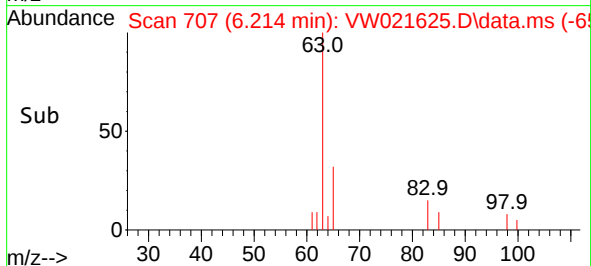
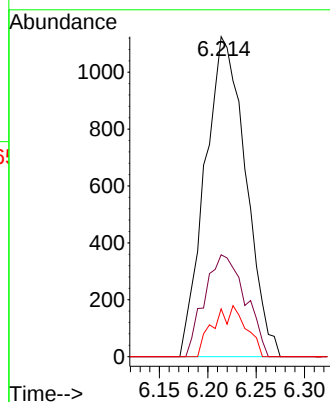
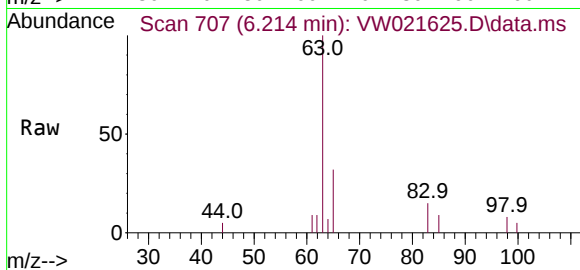
Acq: 23 Dec 2021 20:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	3293
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.1	41.1
83	14.9	9.2	17.2



#22

2-Butanone

Concen: 5.415 ug/L

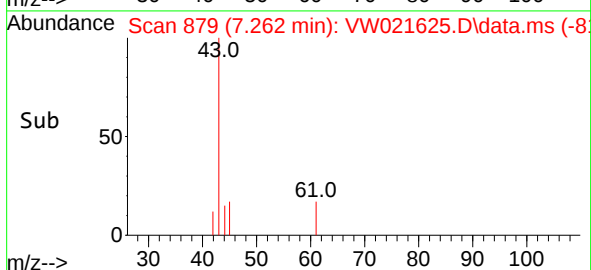
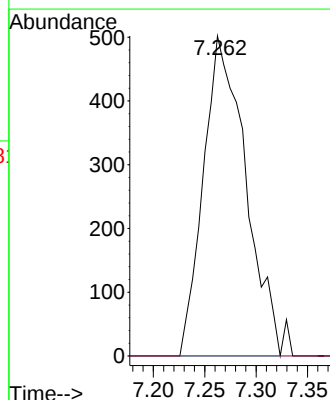
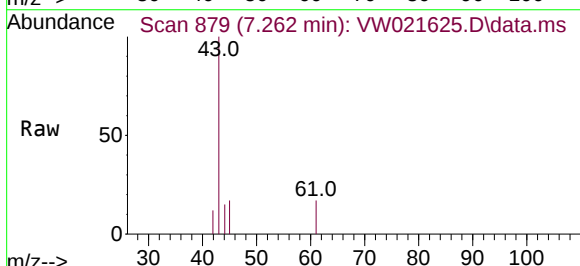
RT: 7.262 min Scan# 879

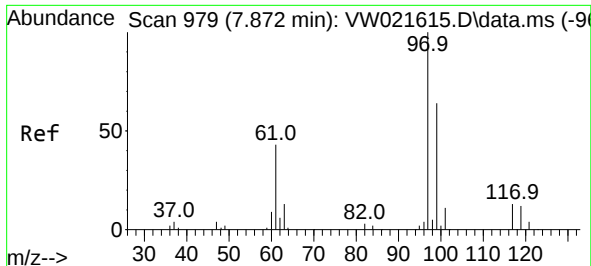
Delta R.T. 0.073 min

Lab File: VW021625.D

Acq: 23 Dec 2021 20:41

Tgt Ion:	43	Resp:	1433
Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.8	35.4

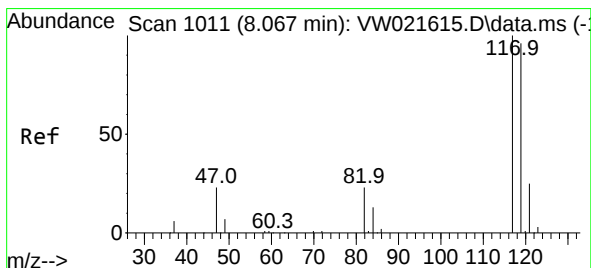
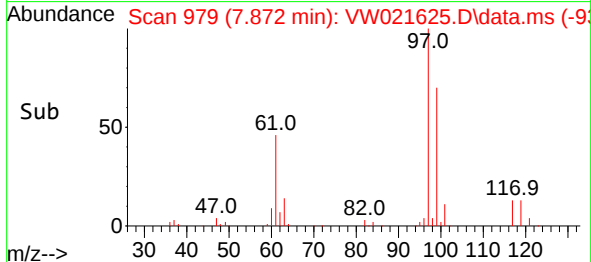
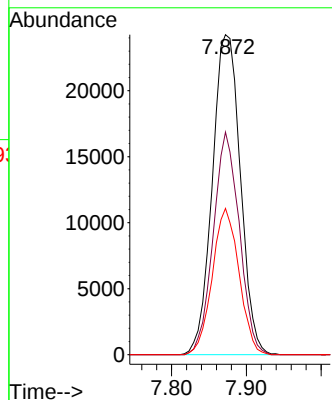
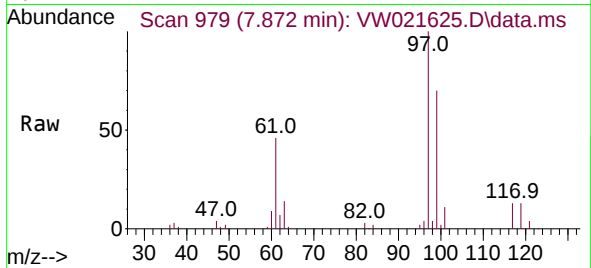




#30
1,1,1-Trichloroethane
Concen: 32.451 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

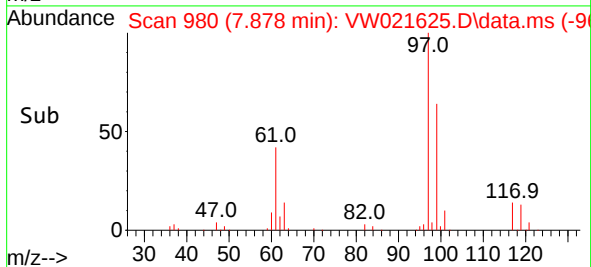
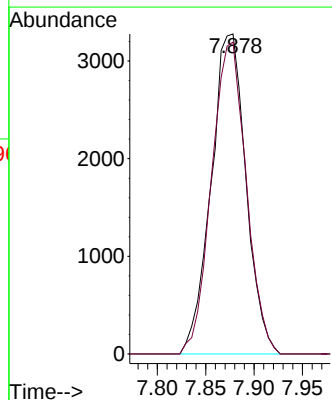
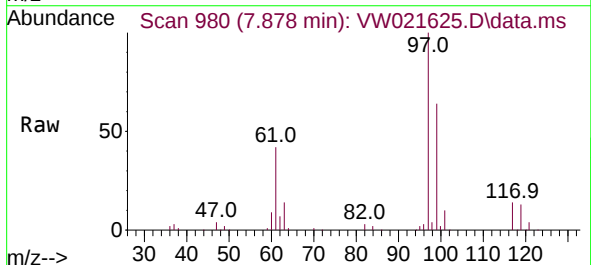
Instrument :
MSVOA_W
ClientSampleId :

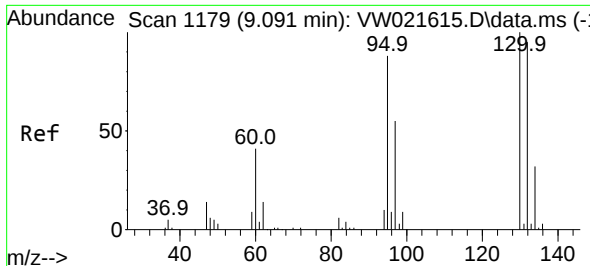
Tgt Ion: 97 Resp: 63398
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 43.5 40.9 61.3



#31
Carbon tetrachloride
Concen: 4.554 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.189 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

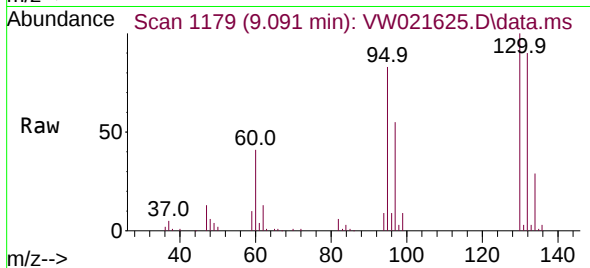
Tgt Ion: 117 Resp: 8207
Ion Ratio Lower Upper
117 100
119 97.0 75.7 113.5





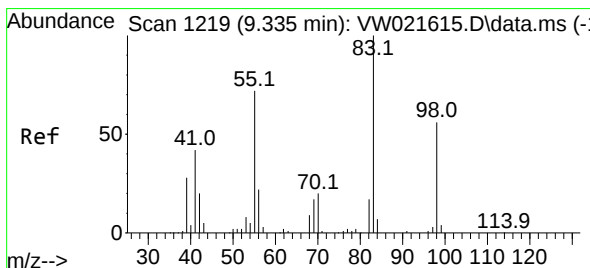
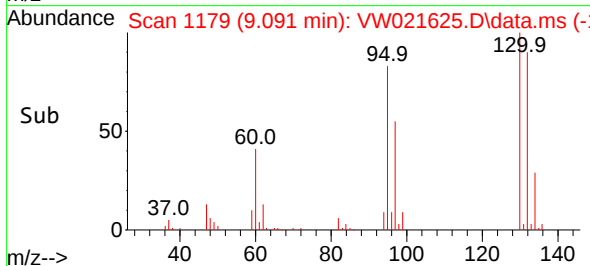
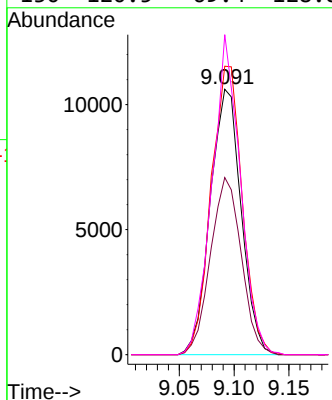
#34
Trichloroethene
Concen: 15.677 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 20874

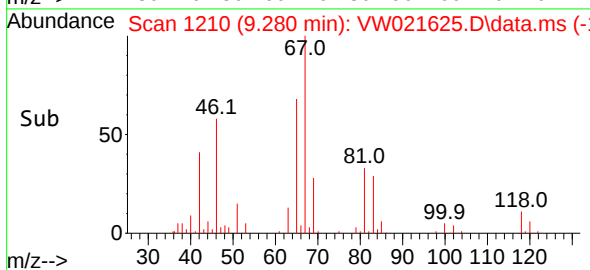
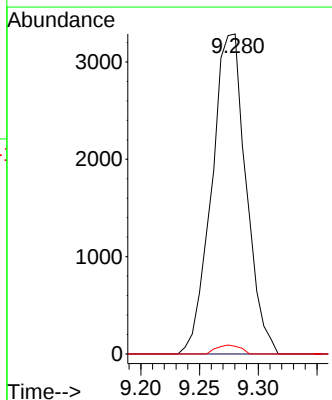
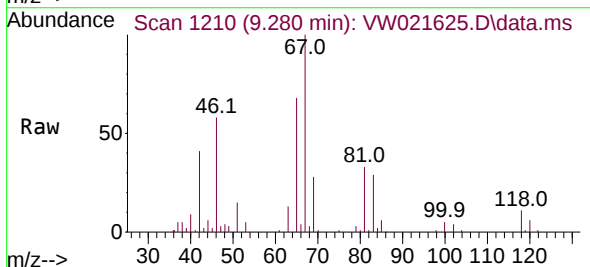
Ion	Ratio	Lower	Upper
95	100		
97	66.7	47.0	87.2
132	108.7	65.5	121.6
130	120.5	69.4	128.8

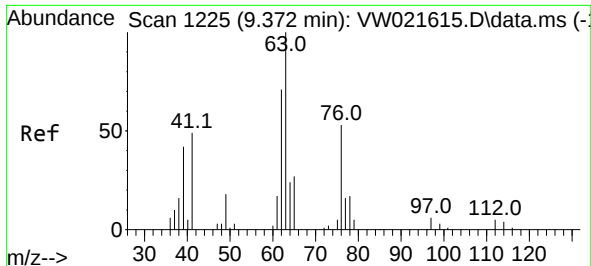


#35
Methylcyclohexane
Concen: 3.041 ug/L
RT: 9.280 min Scan# 1210
Delta R.T. -0.055 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

Tgt Ion: 83 Resp: 6680

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.9	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.122 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021625.D

Acq: 23 Dec 2021 20:41

Instrument :

MSVOA_W

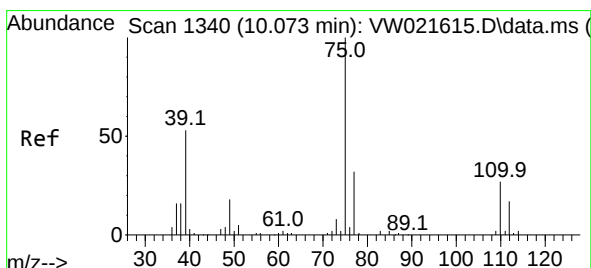
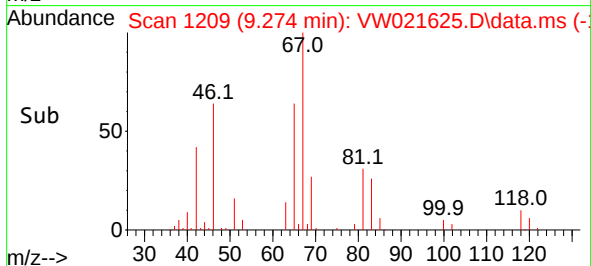
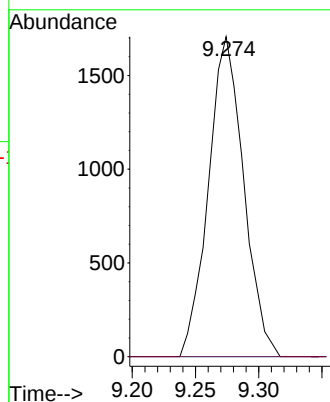
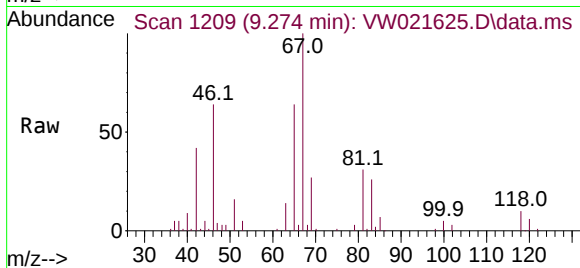
ClientSampleId :

Tgt Ion: 63 Resp: 3303

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.498 ug/L

RT: 10.042 min Scan# 1335

Delta R.T. -0.031 min

Lab File: VW021625.D

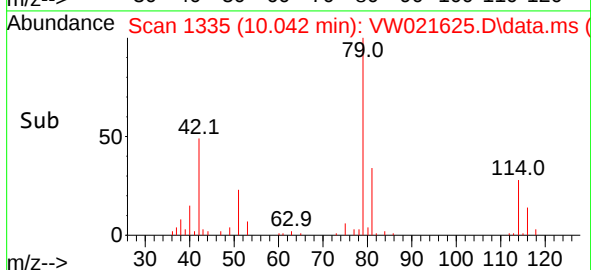
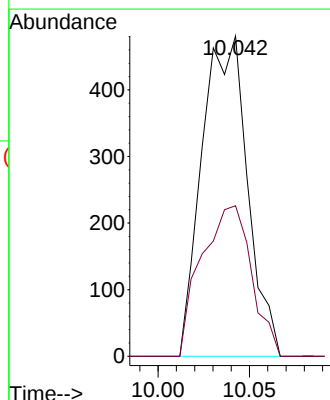
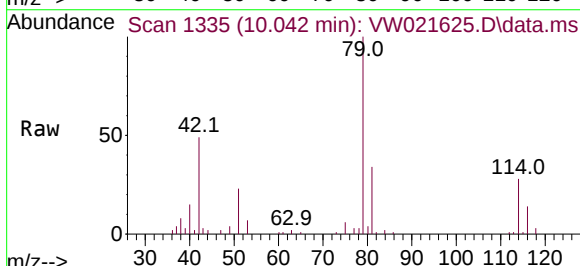
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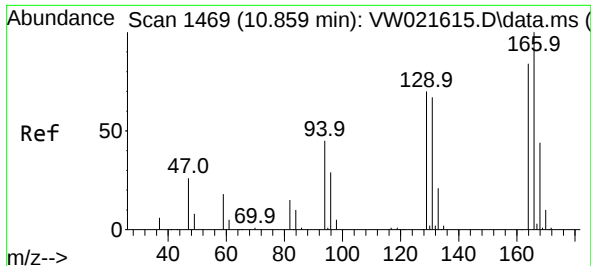
Tgt Ion: 75 Resp: 831

Ion Ratio Lower Upper

75 100

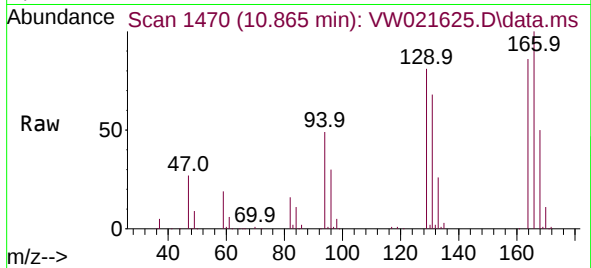
77 47.0 21.8 40.6#



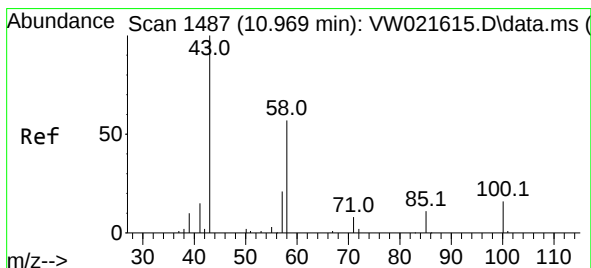
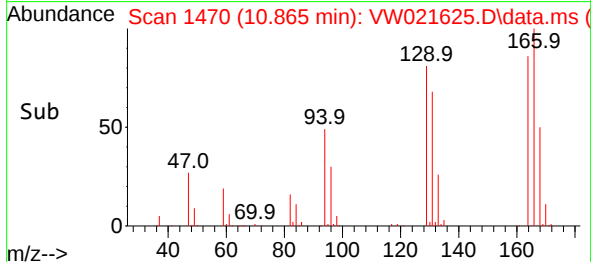
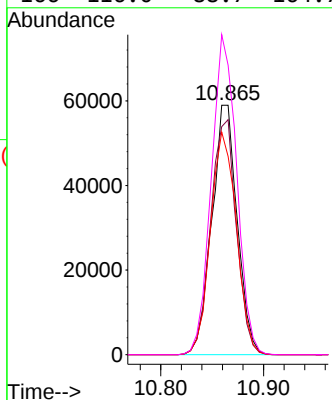


#46
Tetrachloroethene
Concen: 79.900 ug/L
RT: 10.865 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

Instrument :
MSVOA_W
ClientSampleId :

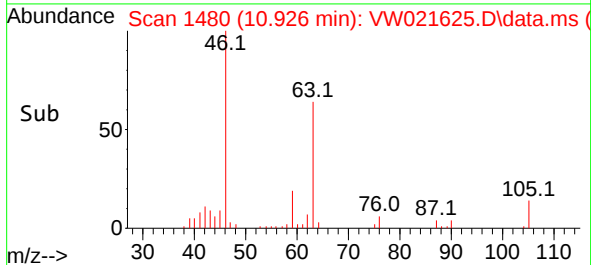
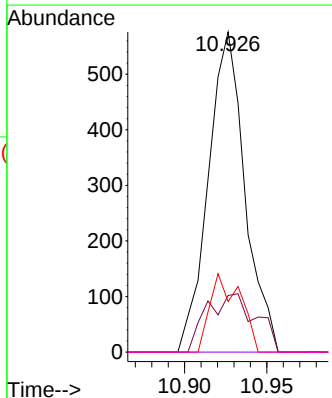
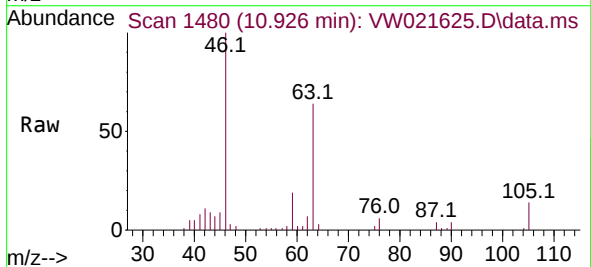


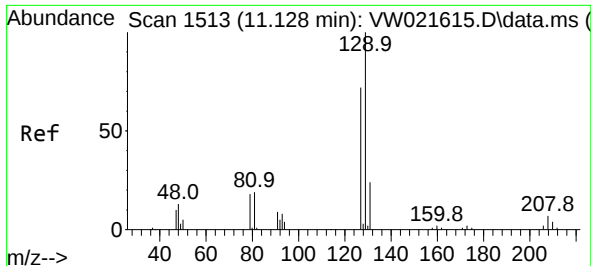
Tgt Ion:164 Resp: 101062
Ion Ratio Lower Upper
164 100
129 94.2 65.5 121.7
131 79.5 59.7 110.9
166 116.0 88.7 164.7



#48
2-Hexanone
Concen: 2.136 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021625.D
Acq: 23 Dec 2021 20:41

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 19.4 40.2 60.2#
57 20.2 14.3 21.5
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 84.837 ug/L

RT: 10.865 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021625.D

Acq: 23 Dec 2021 20:41

Instrument :

MSVOA_W

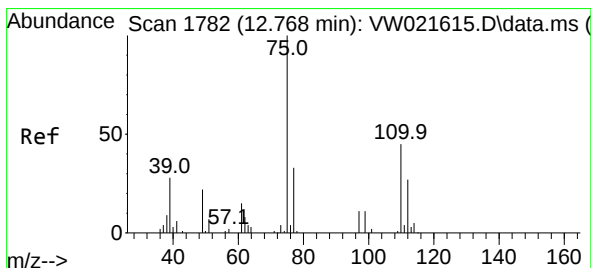
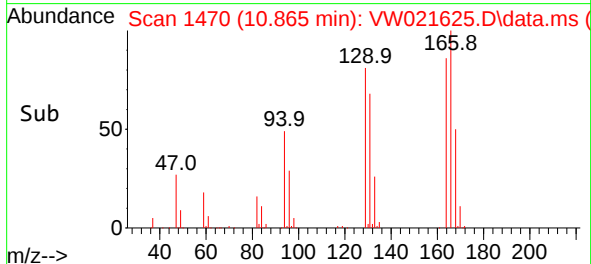
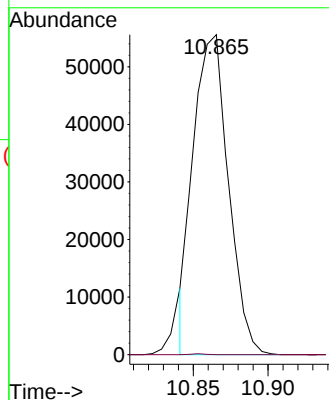
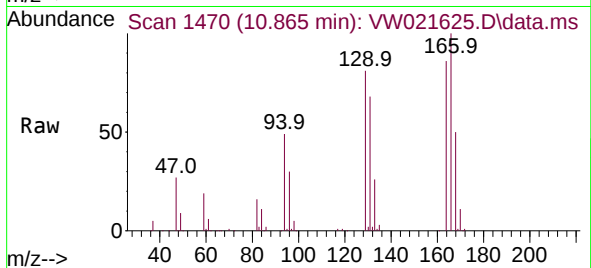
ClientSampleId :

Tgt Ion:129 Resp: 90567

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.751 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021625.D

Acq: 23 Dec 2021 20:41

Tgt Ion: 75 Resp: 5484

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8

110 2.4 29.0 43.4#

