

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021332.D
 Acq On : 11 Dec 2021 17:18
 Operator : SY/VA
 Sample : M5062-10
 Misc : 6.93g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:08:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

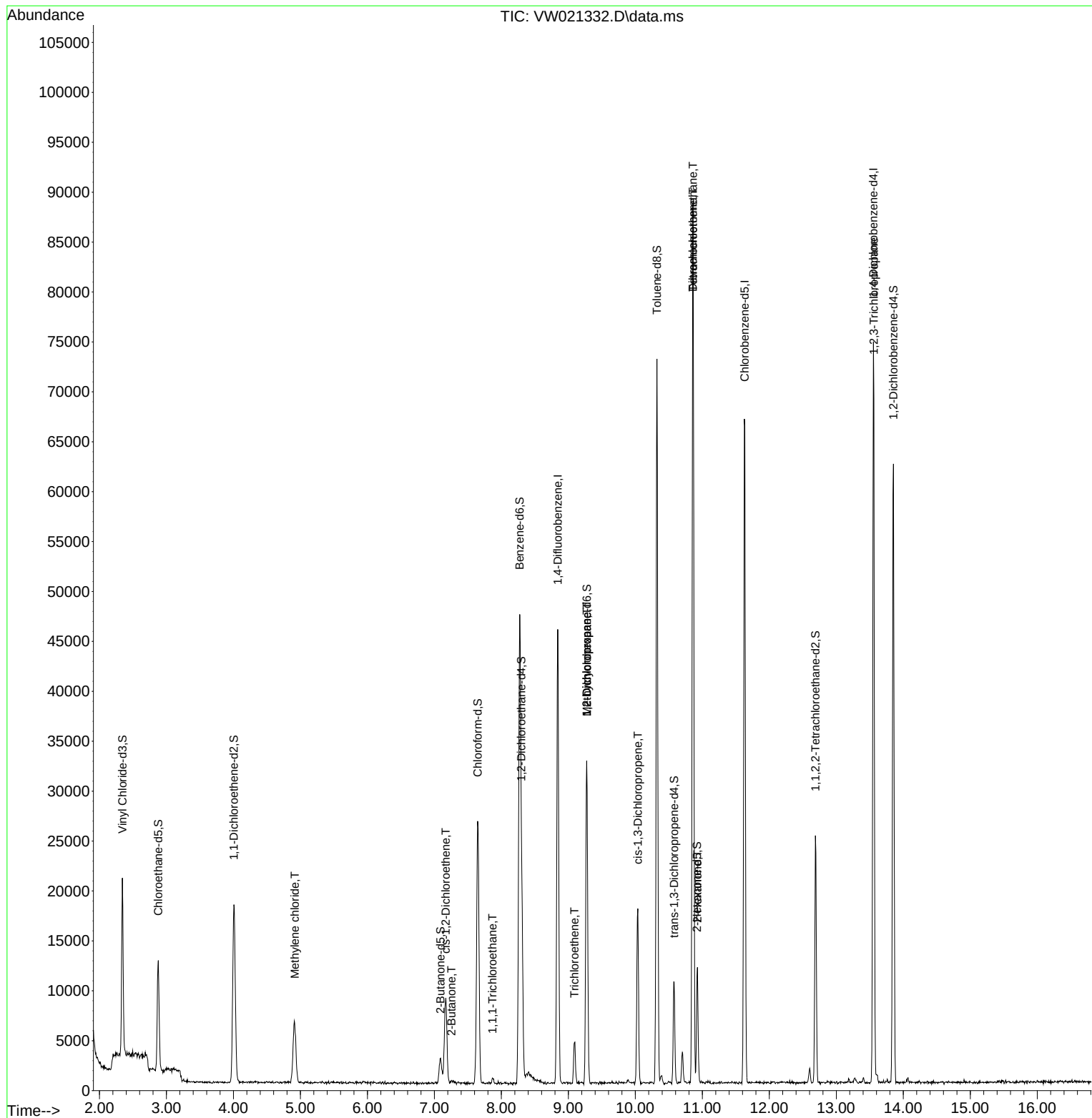
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	38616	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	37798	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	20094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	16512	23.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.920%
7) Chloroethane-d5	2.879	69	12180	26.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	4.007	63	16924	18.050	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.200%
21) 2-Butanone-d5	7.092	46	4768	48.095	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.180%
24) Chloroform-d	7.646	84	27002	25.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	8.299	65	13584	23.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.920%
32) Benzene-d6	8.274	84	48259	23.293	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.160%
36) 1,2-Dichloropropane-d6	9.274	67	13897	25.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.323	98	45873	21.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	10.579	79	5527	21.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.400%
47) 2-Hexanone-d5	10.920	63	3664	44.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	11529	24.137	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	16743	21.500	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.915	84	4833	7.574	ug/L	75
20) cis-1,2-Dichloroethene	7.171	96	5292	9.681	ug/L	68
22) 2-Butanone	7.256	43	305	2.628	ug/L	# 52
30) 1,1,1-Trichloroethane	7.866	97	549	0.647	ug/L	# 72
34) Trichloroethene	9.091	95	1435	2.483	ug/L	88
35) Methylcyclohexane	9.274	83	3893	4.083	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	1767	3.847	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	564	0.779	ug/L	# 80
46) Tetrachloroethene	10.859	164	19727	35.927	ug/L	96
48) 2-Hexanone	10.926	43	540	2.976	ug/L	# 61
49) Dibromochloromethane	10.859	129	16875	36.414	ug/L	# 10
61) 1,2,3-Trichloropropane	13.560	75	2268	7.755	ug/L	# 63

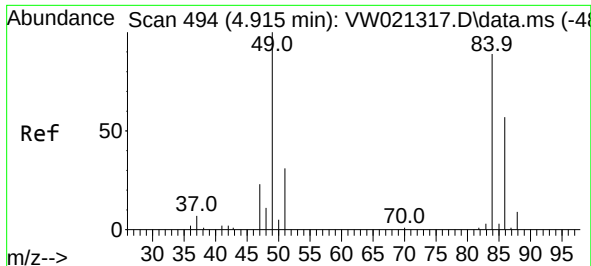
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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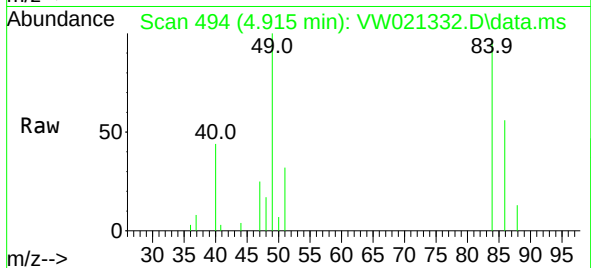
Quant Time: Dec 12 08:08:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





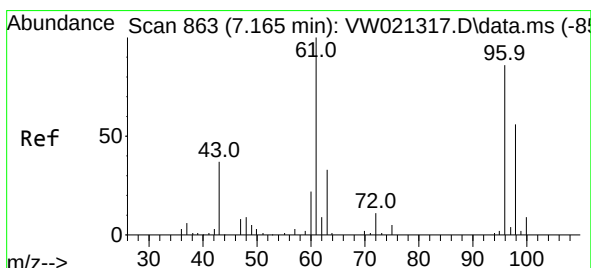
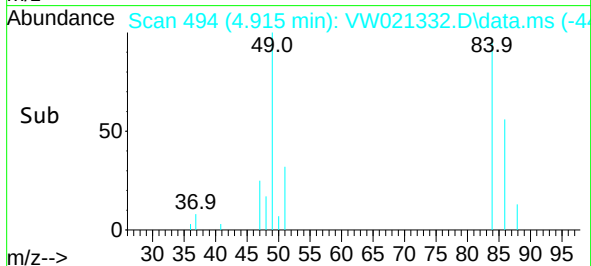
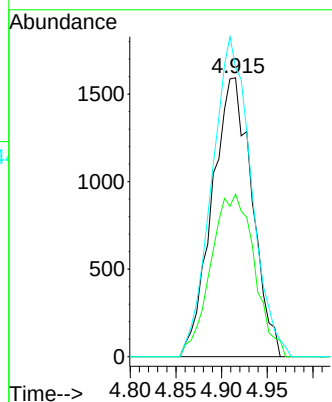
#16
Methylene chloride
Concen: 7.574 ug/L
RT: 4.915 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 4833

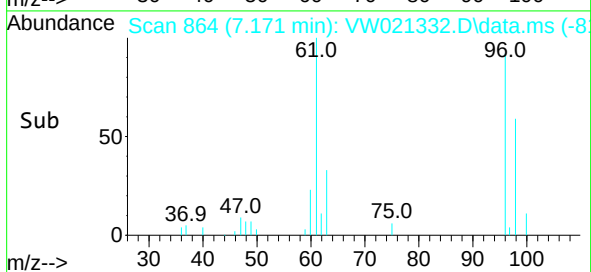
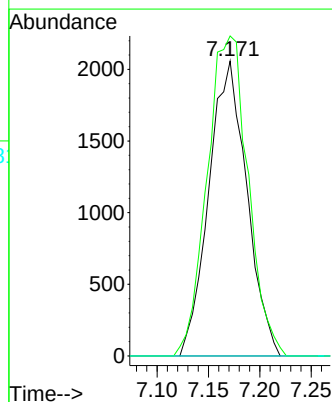
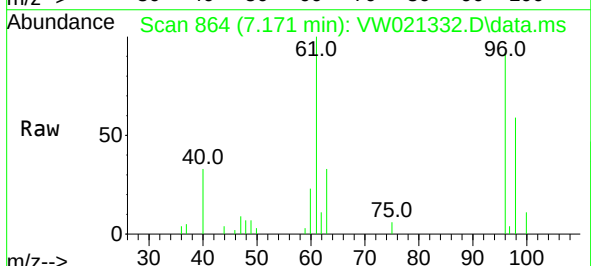
Ion	Ratio	Lower	Upper
84	100		
86	58.3	45.5	84.5
49	103.8	100.5	186.7

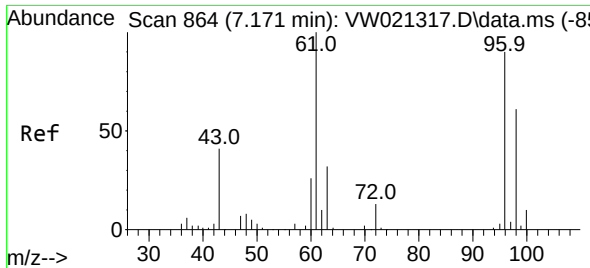


#20
cis-1,2-Dichloroethene
Concen: 9.681 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

Tgt Ion: 96 Resp: 5292

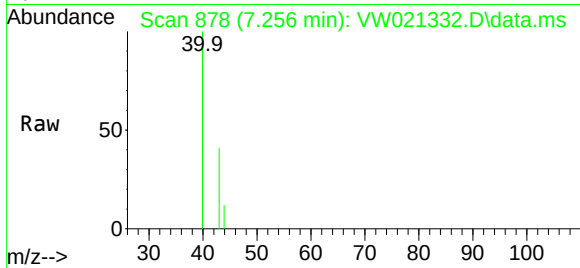
Ion	Ratio	Lower	Upper
96	100		
61	108.5	103.7	192.7
68	0.0	0.0	0.0



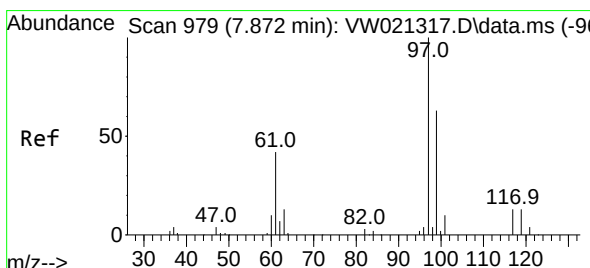
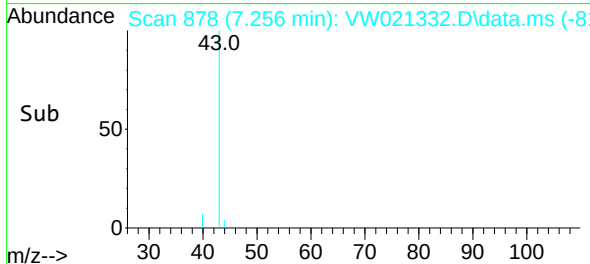
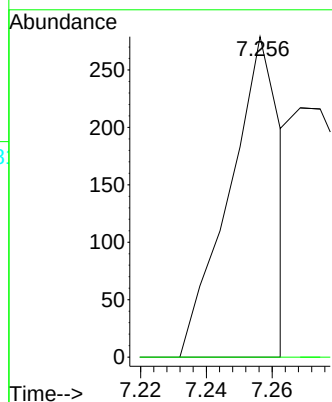


#22
2-Butanone
Concen: 2.628 ug/L
RT: 7.256 min Scan# 81
Delta R.T. 0.085 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

Instrument :
MSVOA_W
ClientSampleId :

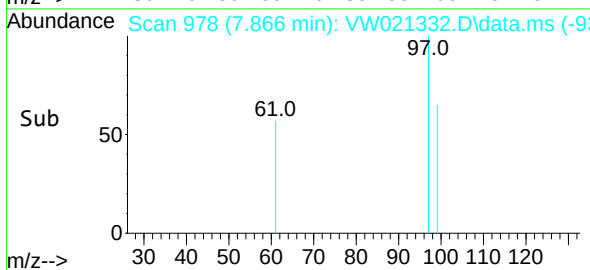
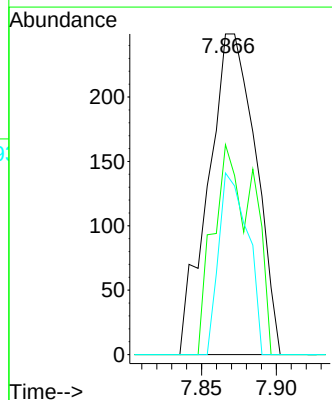
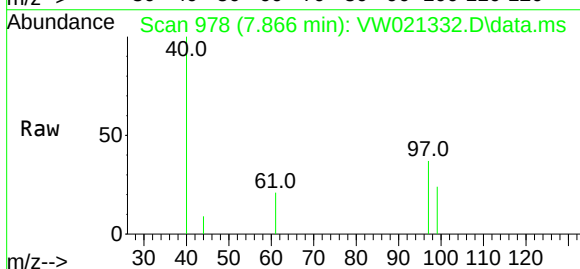


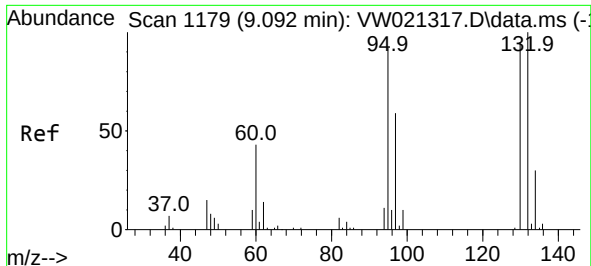
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#30
1,1,1-Trichloroethane
Concen: 0.647 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

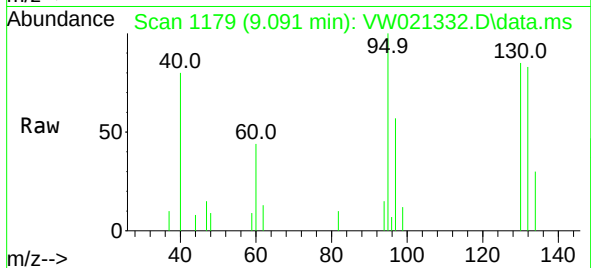
Tgt Ion: 97 Resp: 549
Ion Ratio Lower Upper
97 100
99 39.0 51.6 77.4#
61 34.8 40.9 61.3#





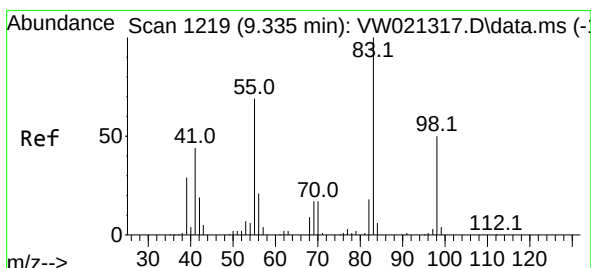
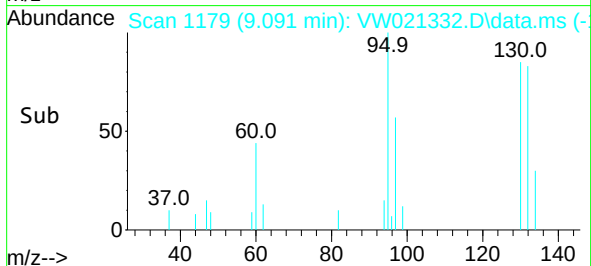
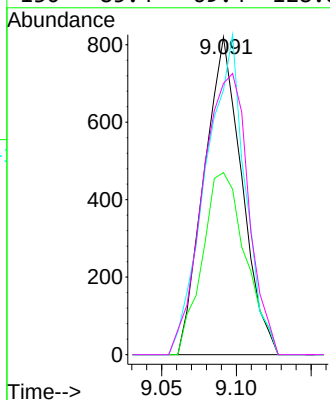
#34
Trichloroethene
Concen: 2.483 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 1435

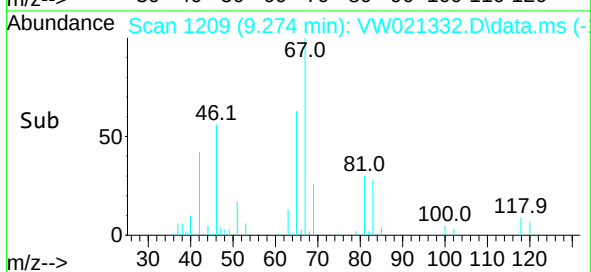
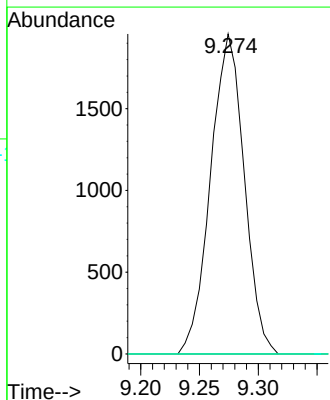
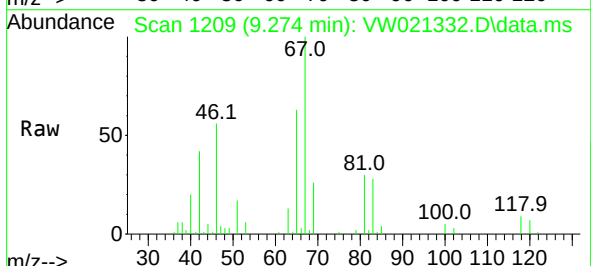
Ion	Ratio	Lower	Upper
95	100		
97	57.3	47.0	87.2
132	83.3	65.5	121.6
130	85.4	69.4	128.8

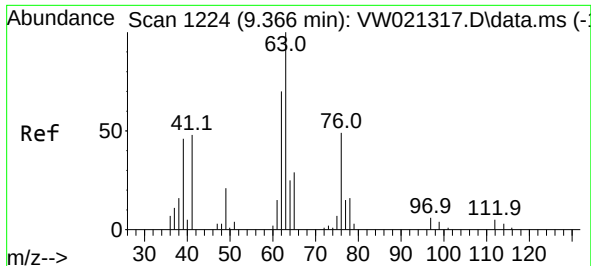


#35
Methylcyclohexane
Concen: 4.083 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

Tgt Ion: 83 Resp: 3893

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





#37

1,2-Dichloropropane

Concen: 3.847 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021332.D

Acq: 11 Dec 2021 17:18

Instrument :

MSVOA_W

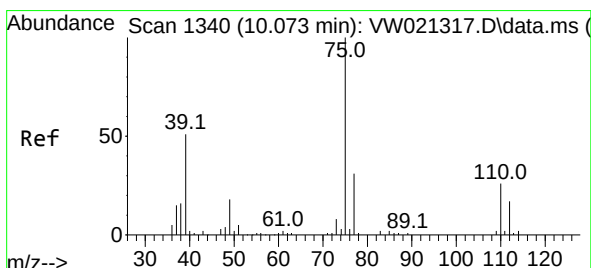
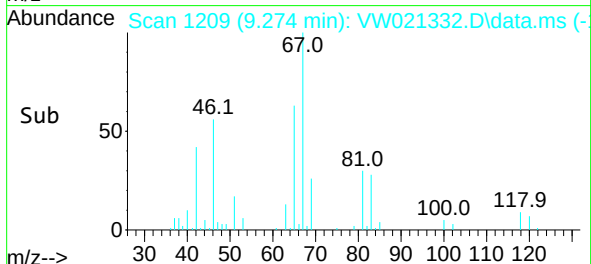
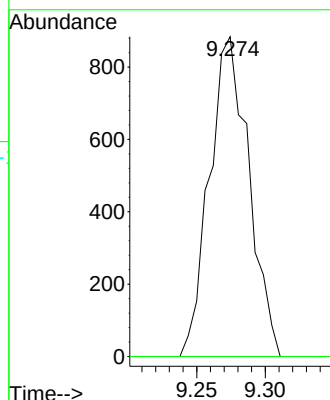
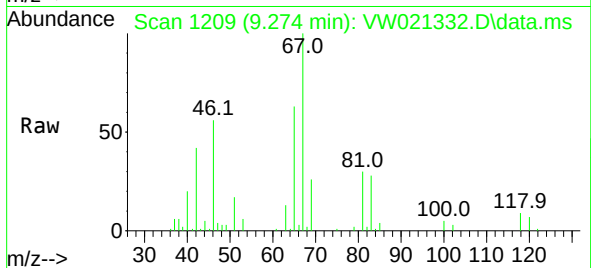
ClientSampleId :

Tgt Ion: 63 Resp: 1767

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.779 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021332.D

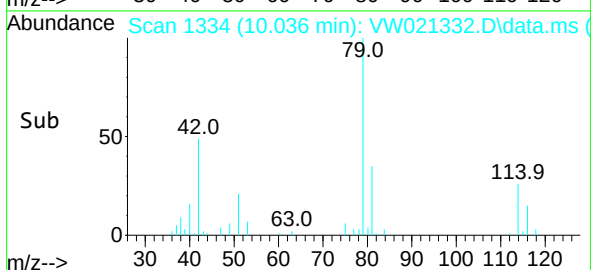
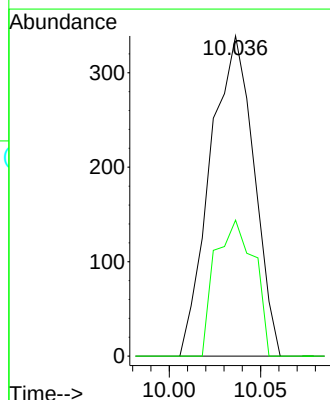
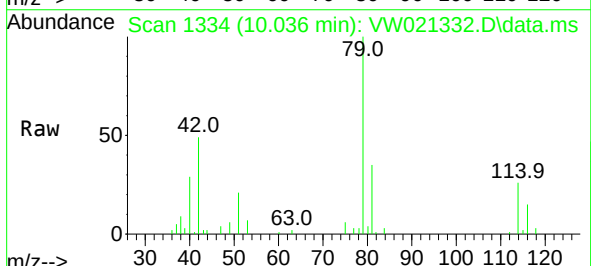
Acq: 11 Dec 2021 17:18

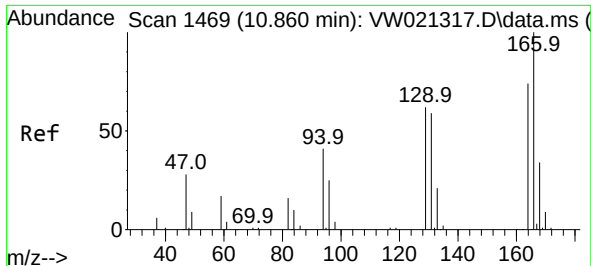
Tgt Ion: 75 Resp: 564

Ion Ratio Lower Upper

75 100

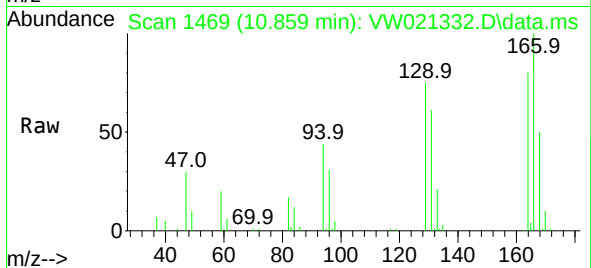
77 42.5 21.8 40.6#



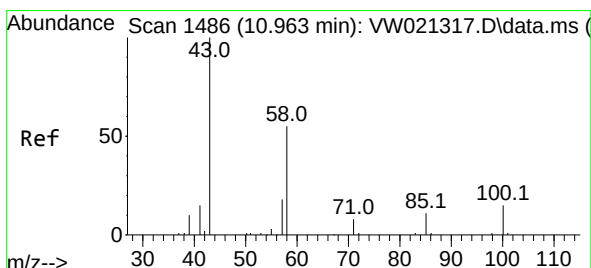
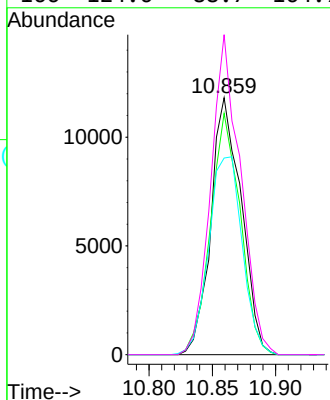
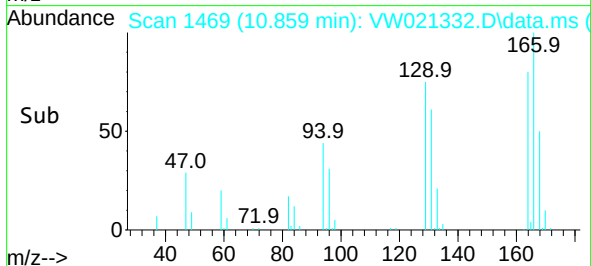


#46
Tetrachloroethene
Concen: 35.927 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18

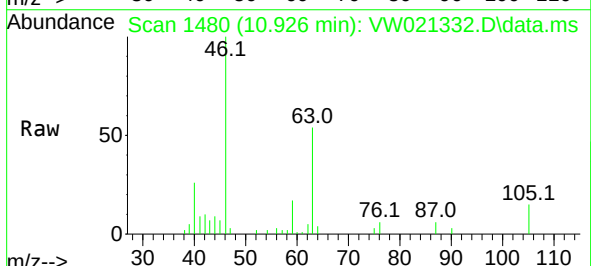
Instrument :
MSVOA_W
ClientSampleId :



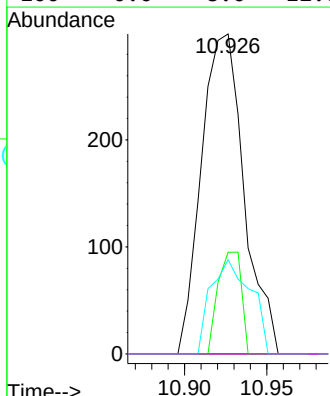
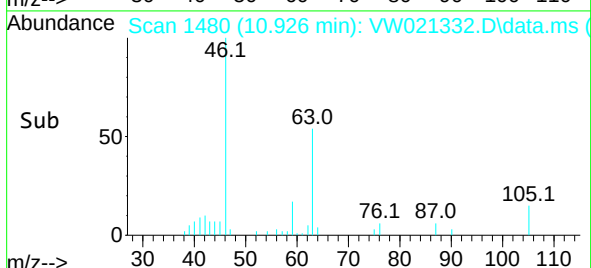
Tgt Ion:164 Resp: 19727
Ion Ratio Lower Upper
164 100
129 93.9 65.5 121.7
131 76.5 59.7 110.9
166 124.6 88.7 164.7

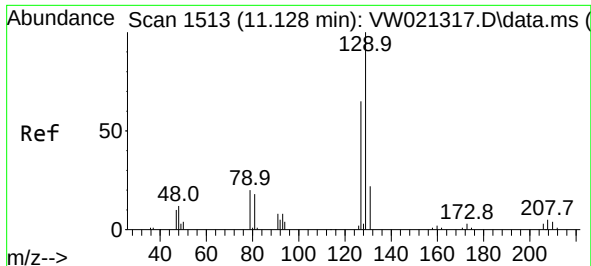


#48
2-Hexanone
Concen: 2.976 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021332.D
Acq: 11 Dec 2021 17:18



Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
58 17.4 40.2 60.2#
57 27.6 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 36.414 ug/L

RT: 10.859 min Scan# 14

Delta R.T. -0.269 min

Lab File: VW021332.D

Acq: 11 Dec 2021 17:18

Instrument :

MSVOA_W

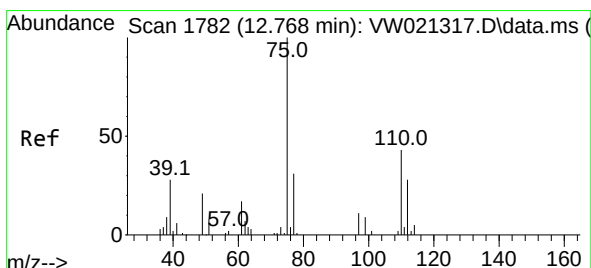
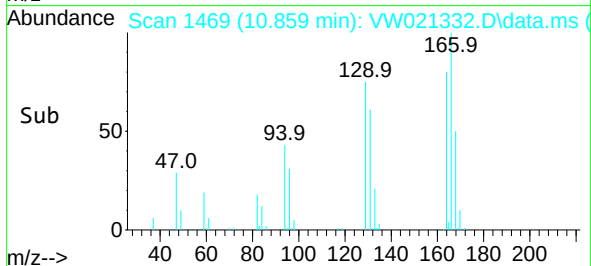
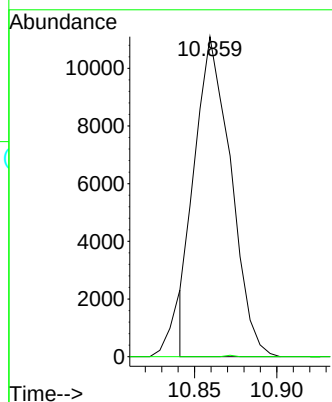
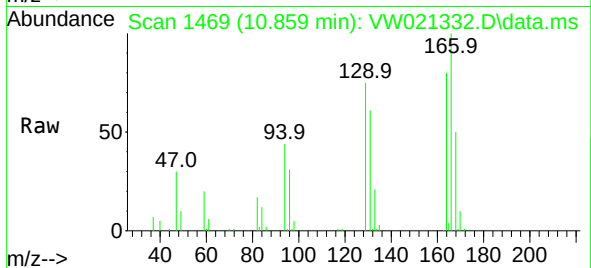
ClientSampleId :

Tgt Ion:129 Resp: 16875

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.755 ug/L

RT: 13.560 min Scan# 1912

Delta R.T. 0.792 min

Lab File: VW021332.D

Acq: 11 Dec 2021 17:18

Tgt Ion: 75 Resp: 2268

Ion Ratio Lower Upper

75 100

77 37.1 25.8 38.8

110 0.0 29.0 43.4#

