

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021400.D
 Acq On : 15 Dec 2021 19:30
 Operator : SY/VA
 Sample : M5101-20
 Misc : 7.09g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 01:01:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

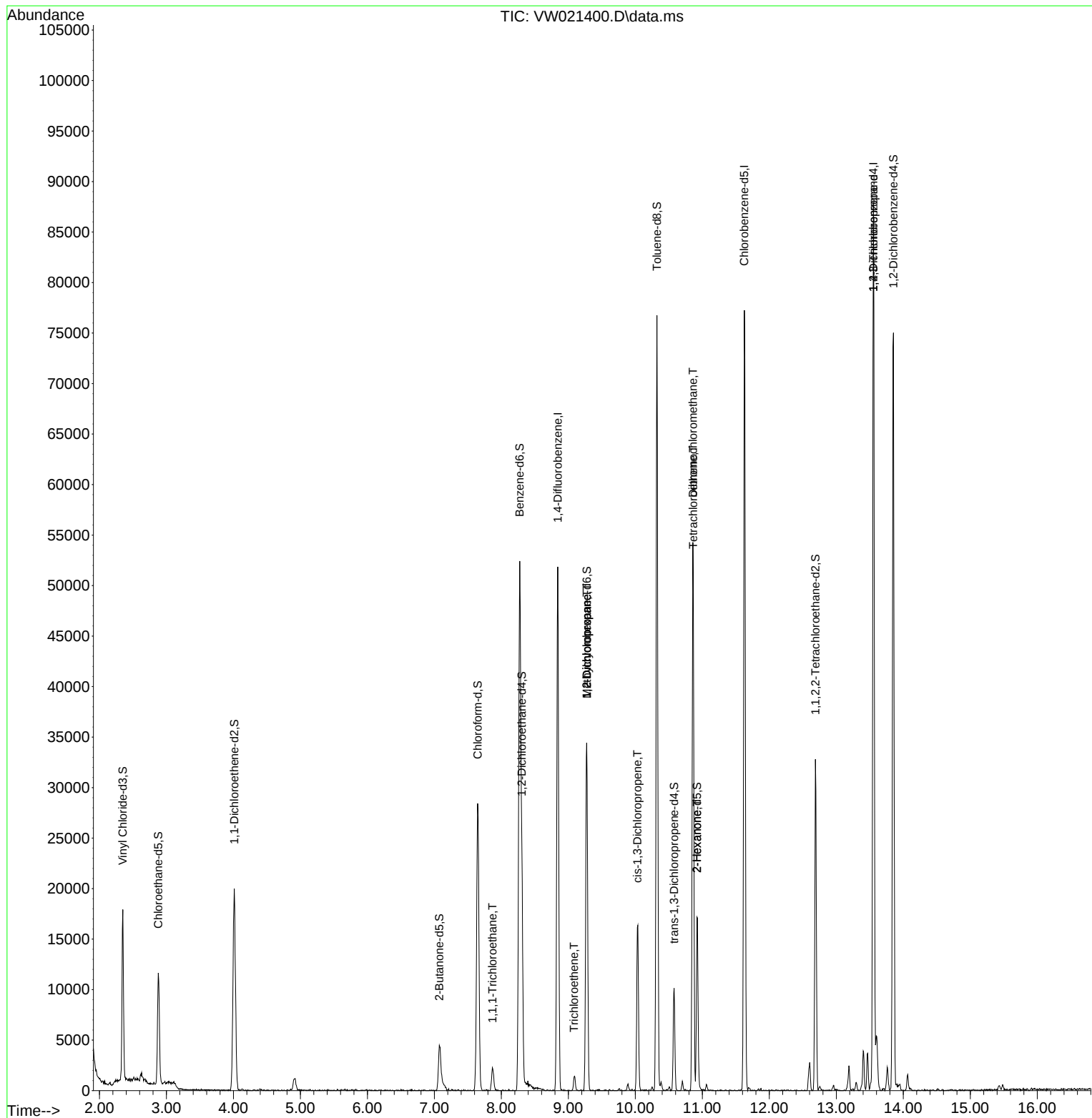
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	44239	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	44952	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	15569	19.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.280%
7) Chloroethane-d5	2.879	69	11892	22.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	4.013	63	17978	16.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.960%
21) 2-Butanone-d5	7.074	46	7836	68.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.000%#
24) Chloroform-d	7.647	84	28333	22.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	8.305	65	15933	24.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.275	84	53071	21.539	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.160%
36) 1,2-Dichloropropane-d6	9.274	67	14689	22.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.920%
41) Toluene-d8	10.323	98	48394	19.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.880%
43) trans-1,3-Dichloroprop...	10.579	79	5436	17.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.480%
47) 2-Hexanone-d5	10.920	63	6005	61.454	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.900%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	14286	25.149	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	20543	21.979	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.920%
Target Compounds						
					Qvalue	
30) 1,1,1-Trichloroethane	7.866	97	1910	1.894	ug/L #	89
34) Trichloroethene	9.085	95	558	0.812	ug/L #	74
35) Methylcyclohexane	9.274	83	3918	3.455	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	1924	3.522	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	498	0.578	ug/L #	72
46) Tetrachloroethene	10.866	164	12349	18.911	ug/L	91
48) 2-Hexanone	10.920	43	808	3.744	ug/L #	71
49) Dibromochloromethane	10.859	129	10297	18.683	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	2674	7.618	ug/L #	65

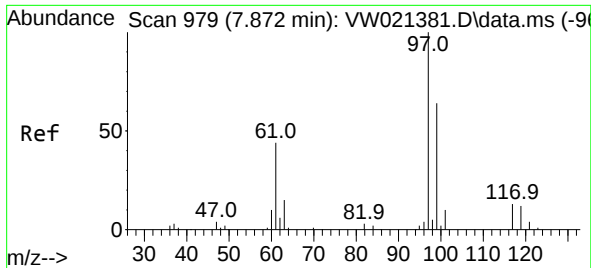
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
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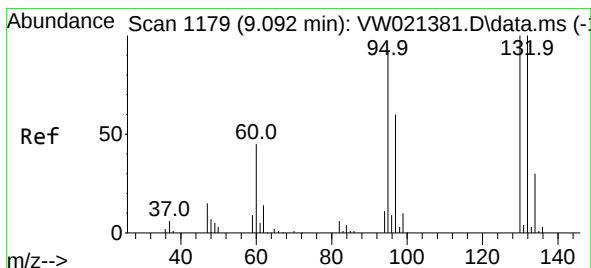
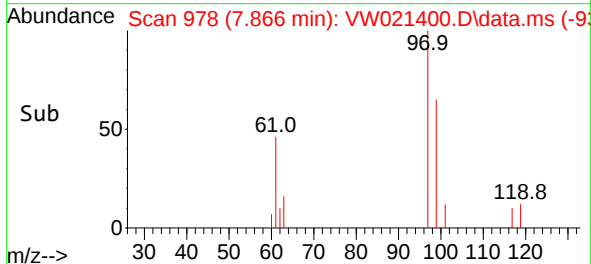
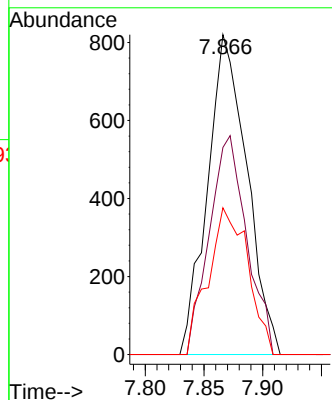
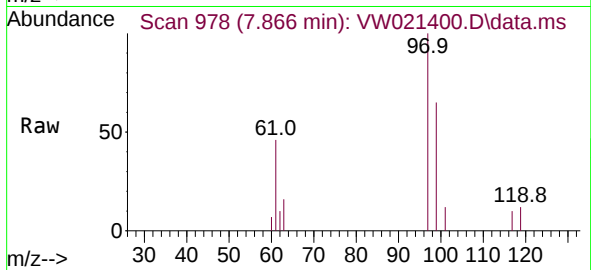




#30
1,1,1-Trichloroethane
Concen: 1.894 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW021400.D
Acq: 15 Dec 2021 19:30

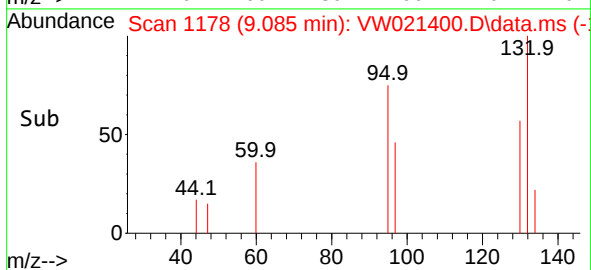
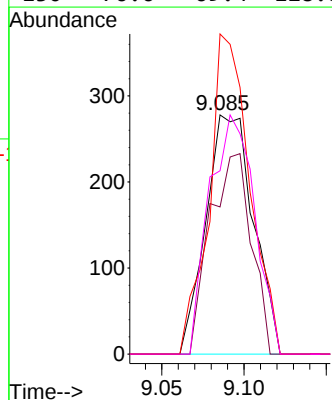
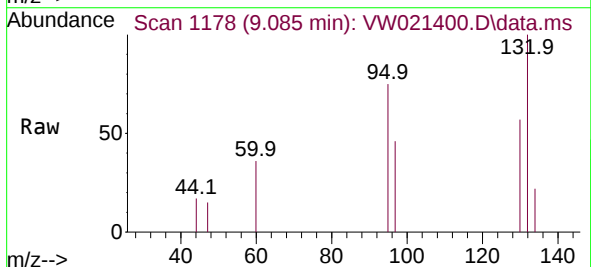
Instrument :
MSVOA_W
ClientSampleId :

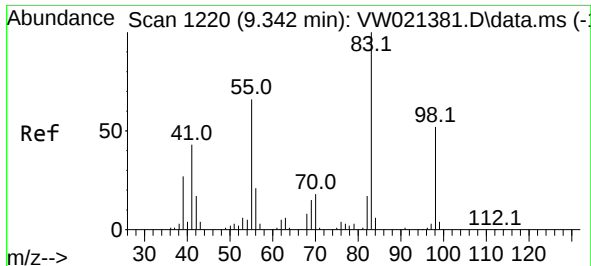
Tgt Ion: 97	Resp:	1910
Ion	Ratio	Lower Upper
97	100	
99	65.1	51.6 77.4
61	34.0	40.9 61.3#



#34
Trichloroethene
Concen: 0.812 ug/L
RT: 9.085 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VW021400.D
Acq: 15 Dec 2021 19:30

Tgt Ion: 95	Resp:	558
Ion	Ratio	Lower Upper
95	100	
97	61.5	47.0 87.2
132	133.8	65.5 121.6#
130	76.6	69.4 128.8

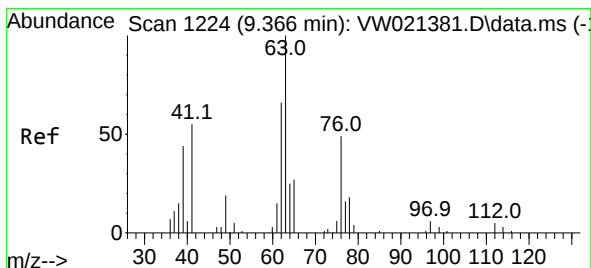
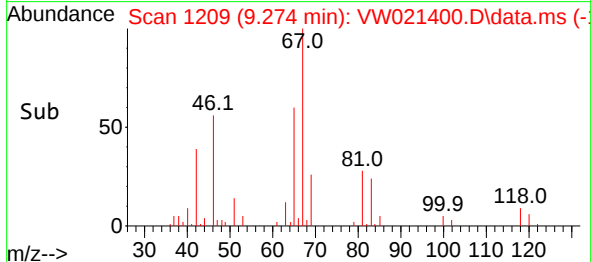
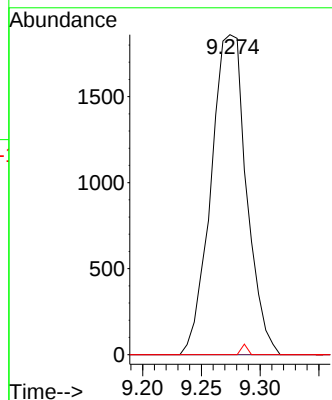
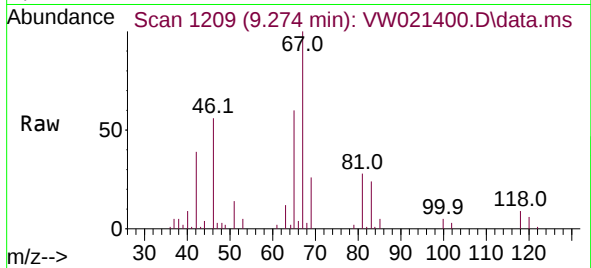




#35
Methylcyclohexane
Concen: 3.455 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.067 min
Lab File: VW021400.D
Acq: 15 Dec 2021 19:30

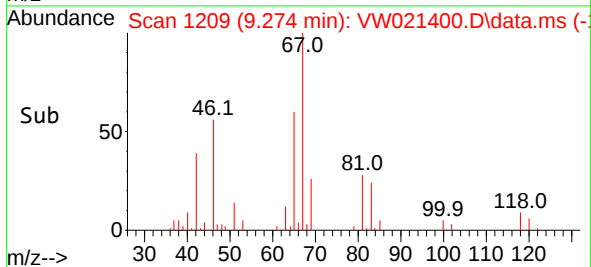
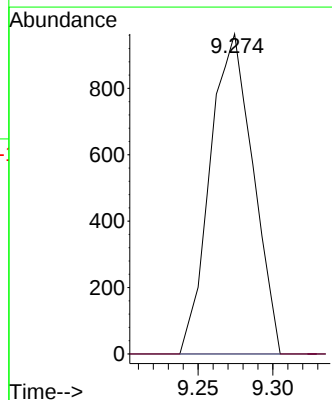
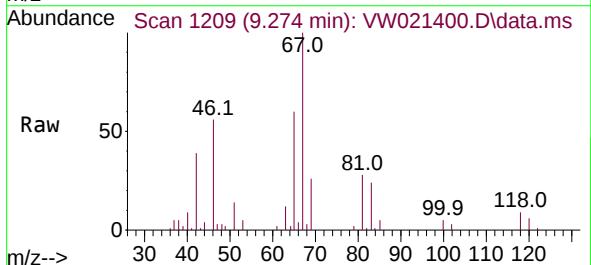
Instrument :
MSVOA_W
ClientSampleId :

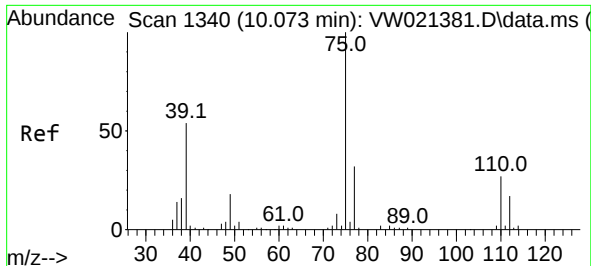
Tgt Ion: 83 Resp: 3918
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.522 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021400.D
Acq: 15 Dec 2021 19:30

Tgt Ion: 63 Resp: 1924
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021400.D

Acq: 15 Dec 2021 19:30

Instrument :

MSVOA_W

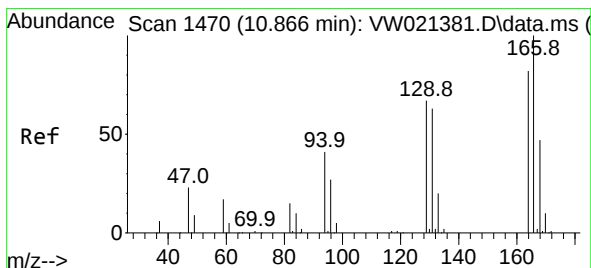
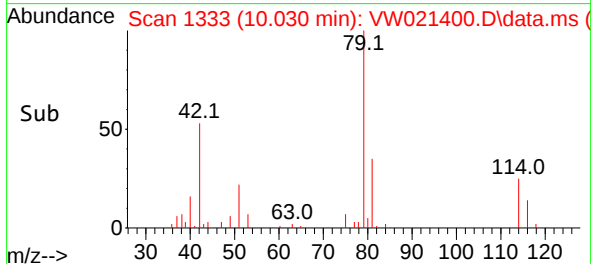
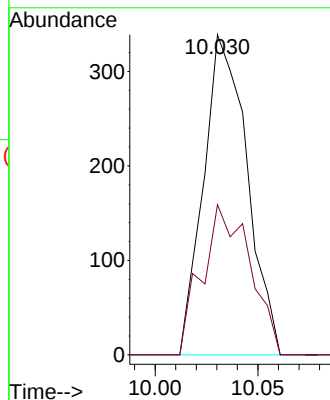
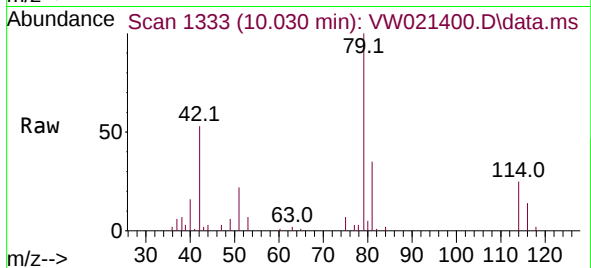
ClientSampleId :

Tgt Ion: 75 Resp: 498

Ion Ratio Lower Upper

75 100

77 46.9 21.8 40.6#



#46

Tetrachloroethene

Concen: 18.911 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW021400.D

Acq: 15 Dec 2021 19:30

Tgt Ion: 164 Resp: 12349

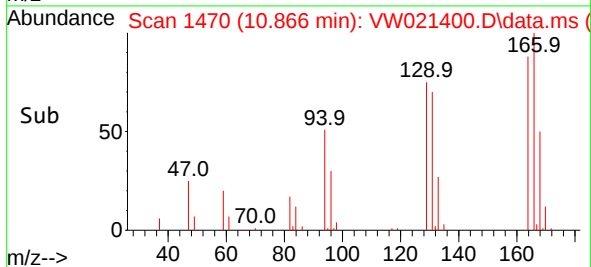
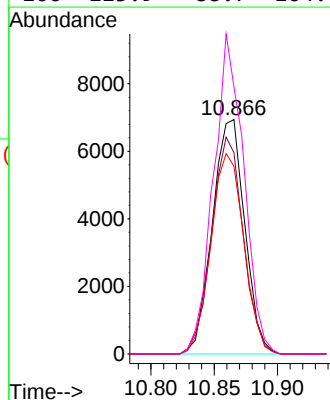
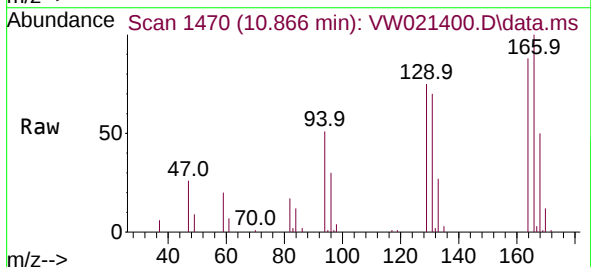
Ion Ratio Lower Upper

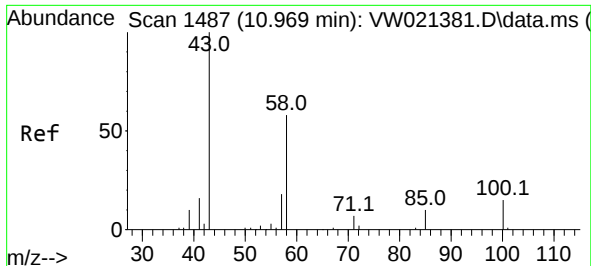
164 100

129 85.9 65.5 121.7

131 80.1 59.7 110.9

166 113.9 88.7 164.7

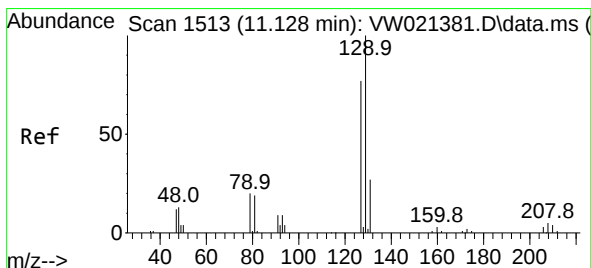
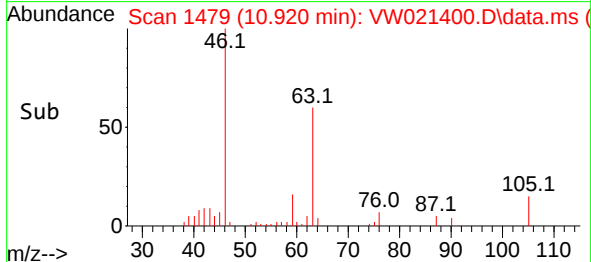
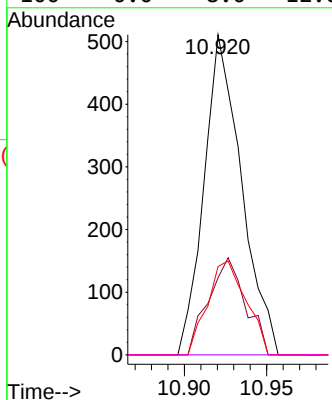
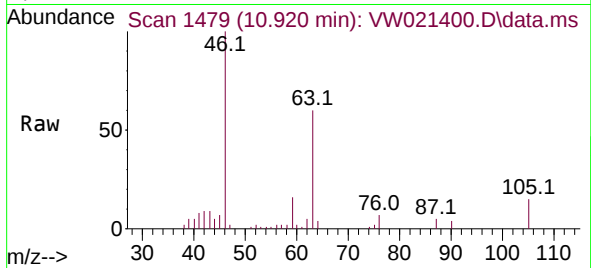




#48
2-Hexanone
Concen: 3.744 ug/L
RT: 10.920 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021400.D
Acq: 15 Dec 2021 19:30

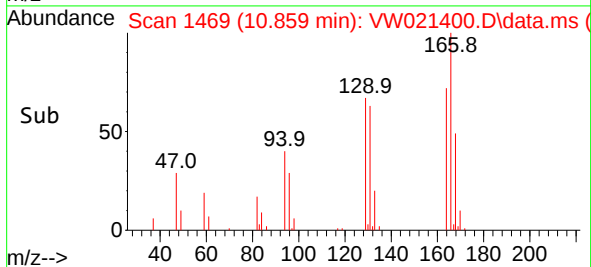
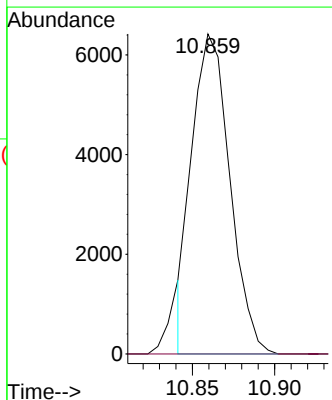
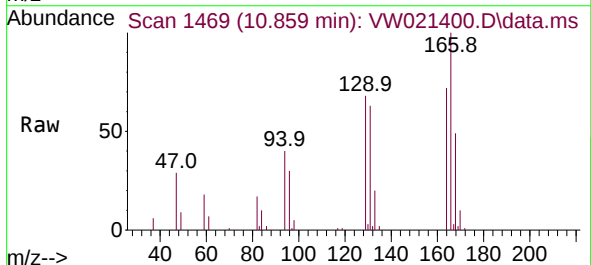
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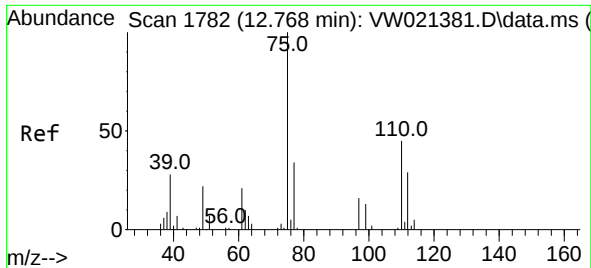
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 30.1 40.2 60.2#
57 30.2 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 18.683 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021400.D
Acq: 15 Dec 2021 19:30

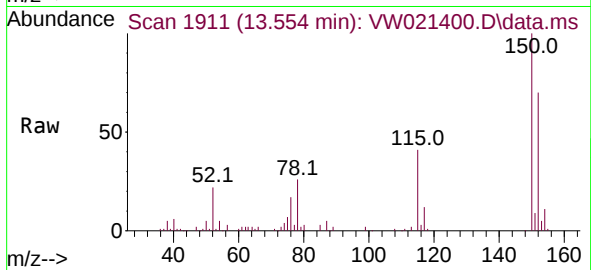
Tgt Ion: 129 Resp: 10297
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.618 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021400.D
 Acq: 15 Dec 2021 19:30

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 2674
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.8 38.8
 110 1.6 29.0 43.4#

