

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020322.D
 Acq On : 06 Oct 2021 18:59
 Operator : SY/VA
 Sample : M4001-06
 Misc : 7.09g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 01:54:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

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

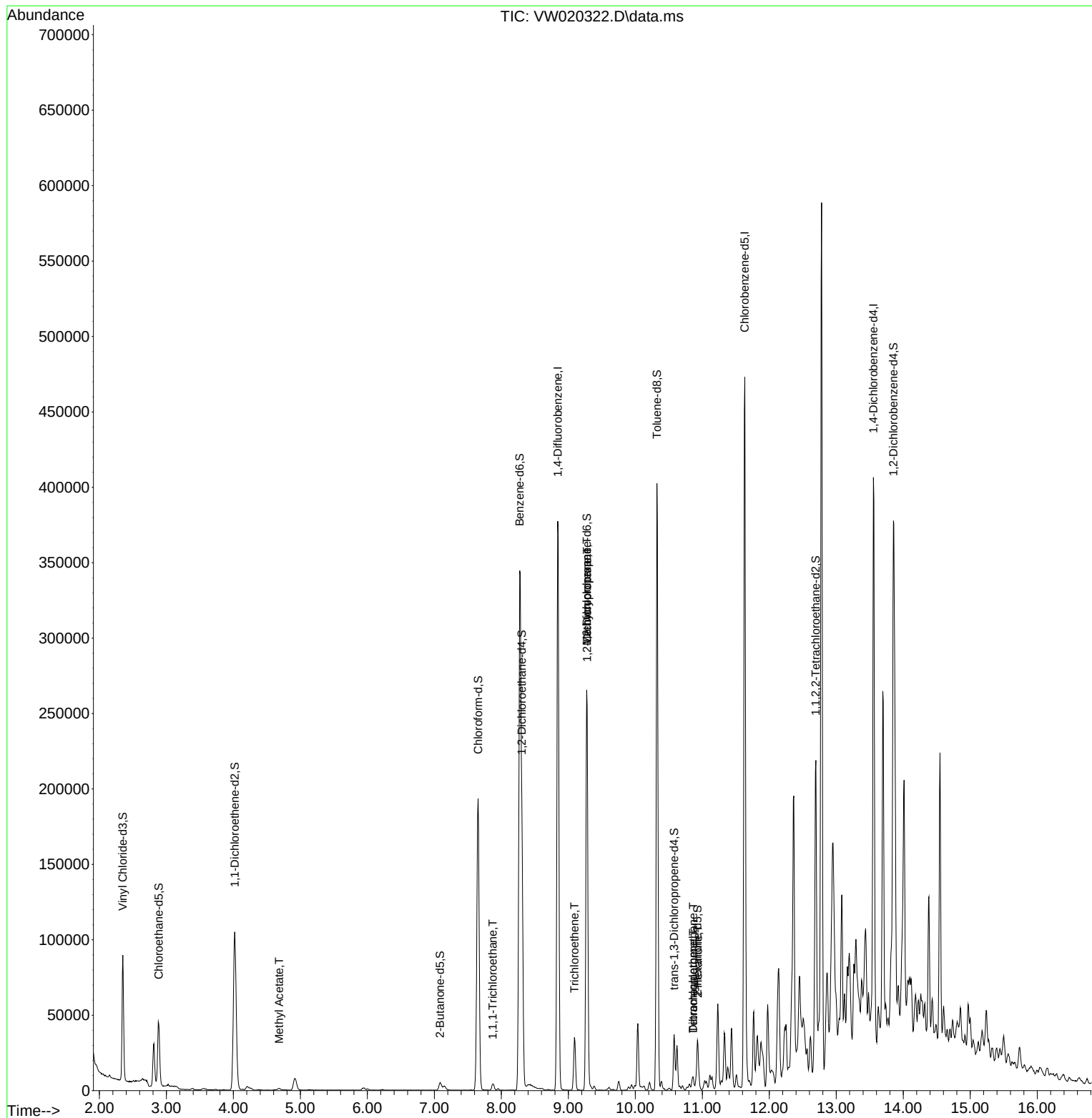
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	298195	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	244533	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	91337	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	79782	19.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.640%
7) Chloroethane-d5	2.885	69	47546	26.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	4.019	63	109515	12.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.760%
21) 2-Butanone-d5	7.086	46	9628	9.222	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	18.440%#
24) Chloroform-d	7.653	84	192776	22.515	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	8.305	65	114920	24.525	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.080%
32) Benzene-d6	8.275	84	339471	22.928	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.720%
36) 1,2-Dichloropropane-d6	9.275	67	120842	25.732	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.920%
41) Toluene-d8	10.323	98	248005	18.494	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.960%
43) trans-1,3-Dichloroprop...	10.579	79	19461	10.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	40.720%
47) 2-Hexanone-d5	10.927	63	7782	11.989	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	23.980%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	89920	27.434	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	65516	20.484	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.920%
Target Compounds						Qvalue
15) Methyl Acetate	4.684	43	2490	1.269	ug/L #	63
30) 1,1,1-Trichloroethane	7.872	97	3480	0.593	ug/L #	83
34) Trichloroethene	9.092	95	11608	2.775	ug/L	95
35) Methylcyclohexane	9.275	83	28933	3.965	ug/L #	15
37) 1,2-Dichloropropane	9.281	63	14266	3.367	ug/L #	87
46) Tetrachloroethene	10.866	164	1459	0.474	ug/L	82
48) 2-Hexanone	10.933	43	6298	3.730	ug/L #	33
49) Dibromochloromethane	10.866	129	1500	0.499	ug/L #	10

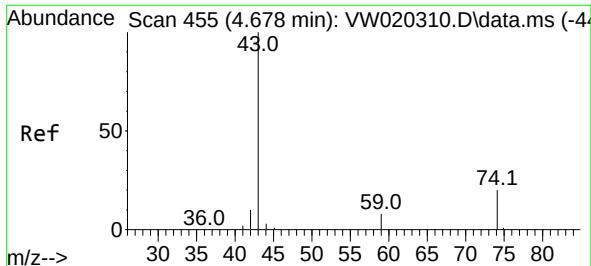
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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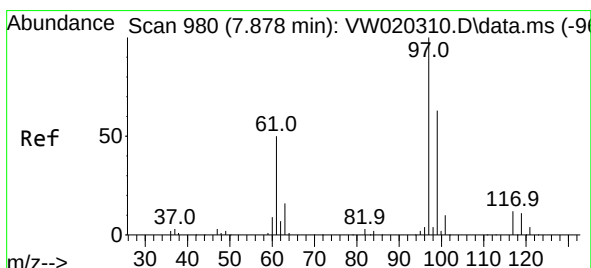
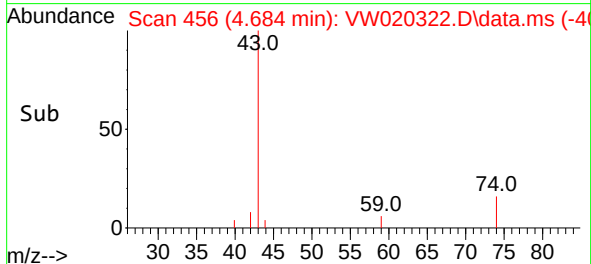
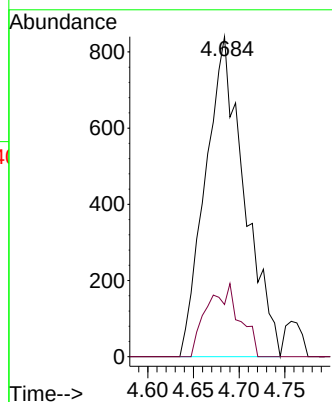
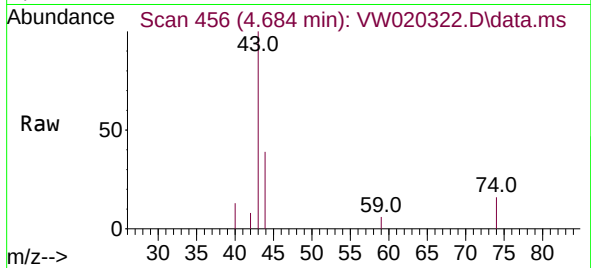




#15
Methyl Acetate
Concen: 1.269 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020322.D
Acq: 06 Oct 2021 18:59

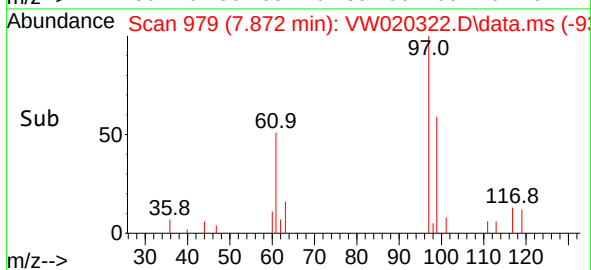
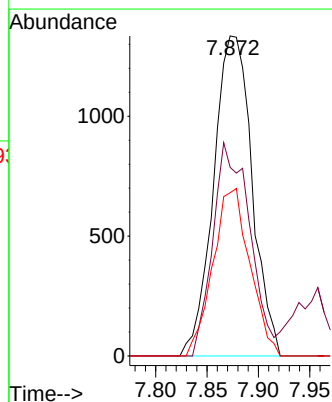
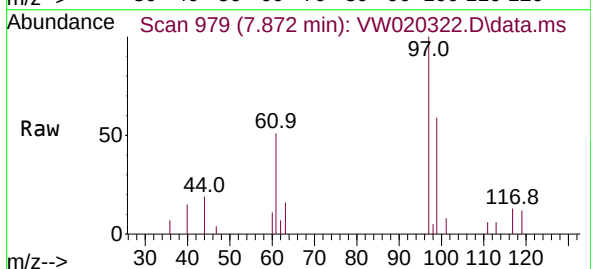
Instrument :
MSVOA_W
ClientSampled :

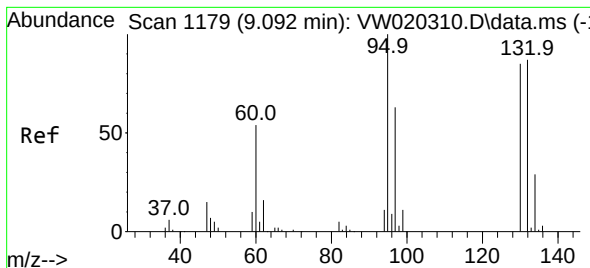
Tgt Ion: 43 Resp: 2490
Ion Ratio Lower Upper
43 100
74 3.1 16.1 24.1#



#30
1,1,1-Trichloroethane
Concen: 0.593 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020322.D
Acq: 06 Oct 2021 18:59

Tgt Ion: 97 Resp: 3480
Ion Ratio Lower Upper
97 100
99 41.0 51.4 77.0#
61 50.3 41.0 61.6





#34

Trichloroethene

Concen: 2.775 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW020322.D

Acq: 06 Oct 2021 18:59

Tgt Ion: 95 Resp: 11608

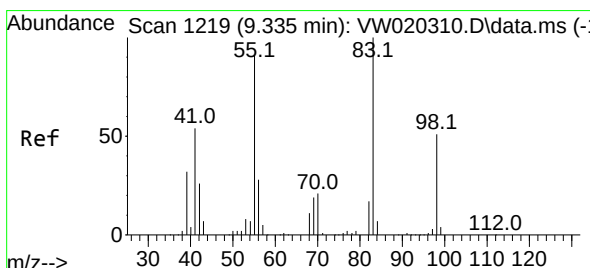
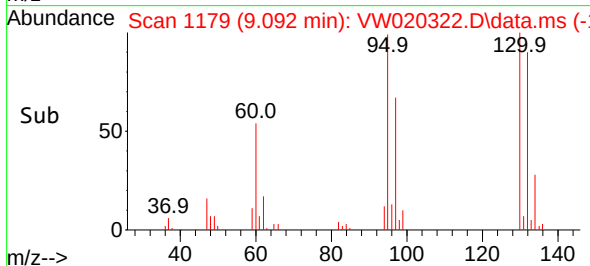
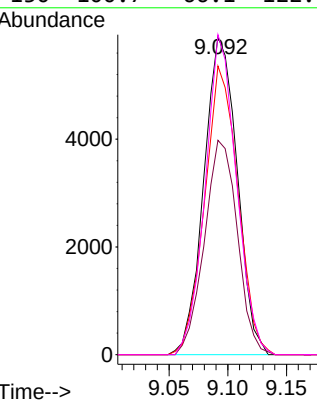
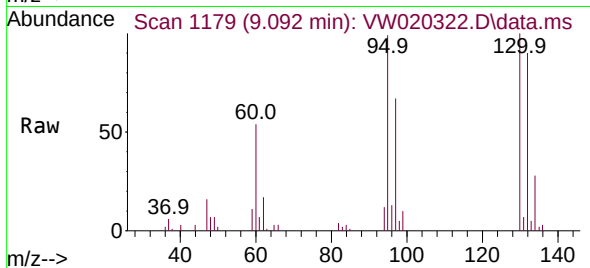
Ion Ratio Lower Upper

95 100

97 67.5 43.2 80.2

132 90.8 62.3 115.7

130 100.7 66.1 122.7



#35

Methylcyclohexane

Concen: 3.965 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW020322.D

Acq: 06 Oct 2021 18:59

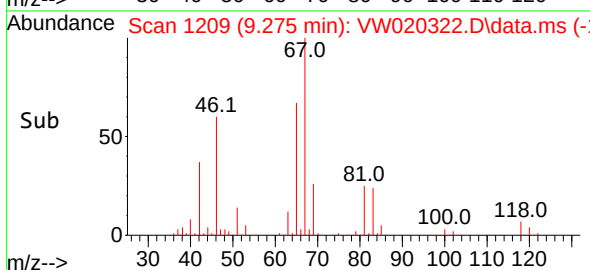
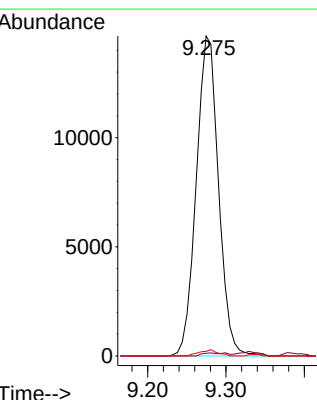
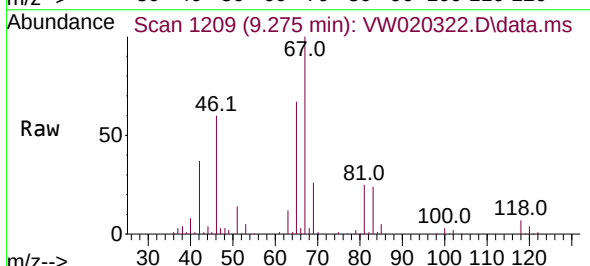
Tgt Ion: 83 Resp: 28933

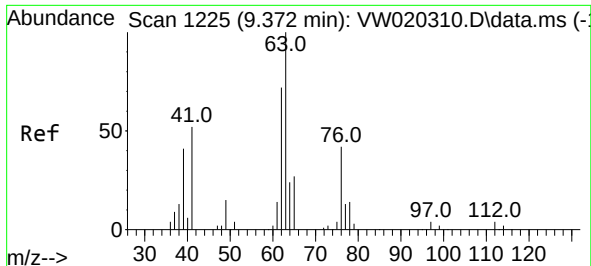
Ion Ratio Lower Upper

83 100

55 0.7 69.7 104.5#

98 1.6 38.2 57.2#

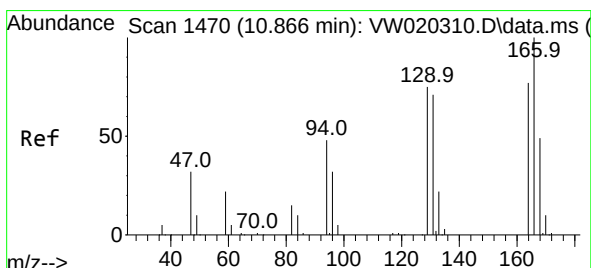
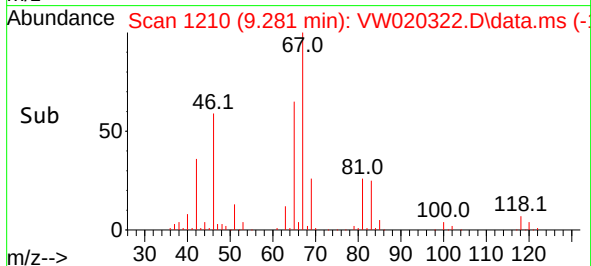
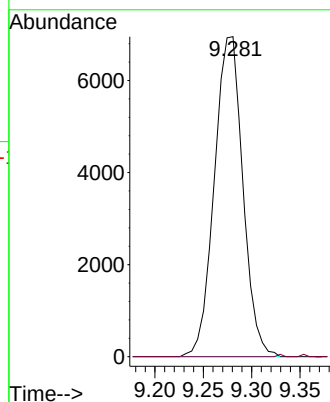
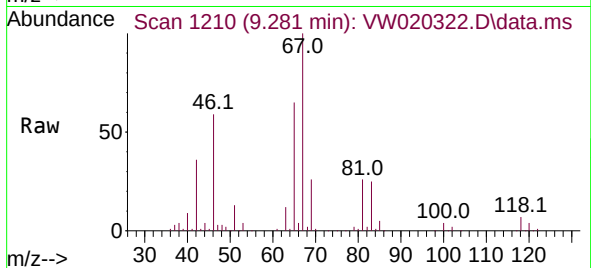




#37
1,2-Dichloropropane
Concen: 3.367 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW020322.D
Acq: 06 Oct 2021 18:59

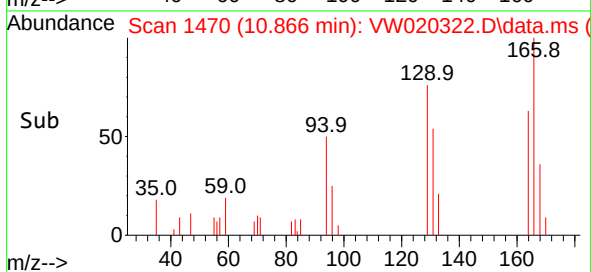
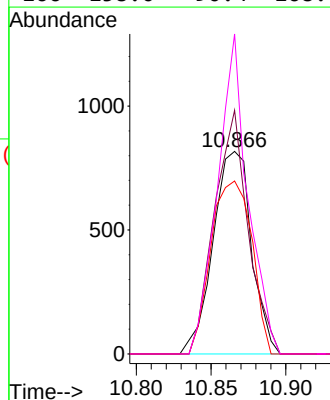
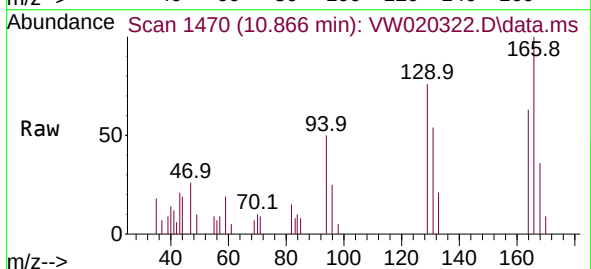
Instrument :
MSVOA_W
ClientSampled :

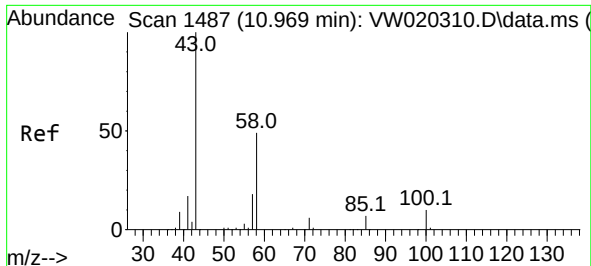
Tgt Ion: 63 Resp: 14266
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#46
Tetrachloroethene
Concen: 0.474 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020322.D
Acq: 06 Oct 2021 18:59

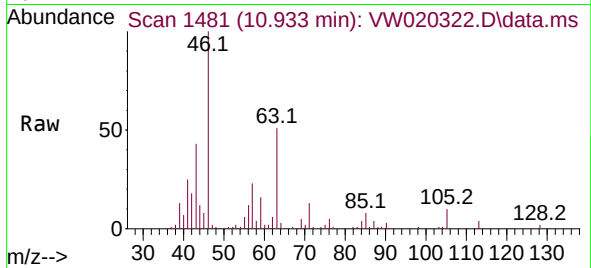
Tgt Ion:164 Resp: 1459
Ion Ratio Lower Upper
164 100
129 120.3 69.1 128.3
131 85.4 58.3 108.3
166 158.0 90.4 168.0



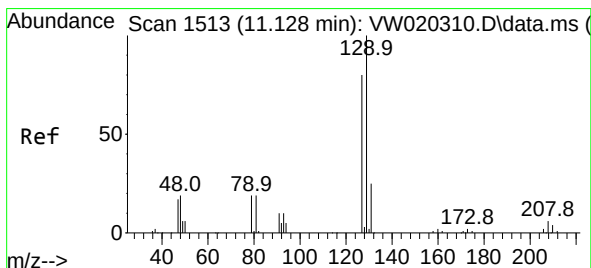
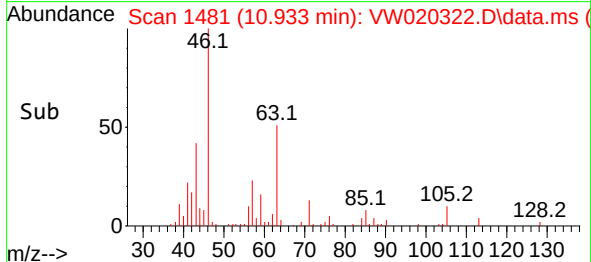
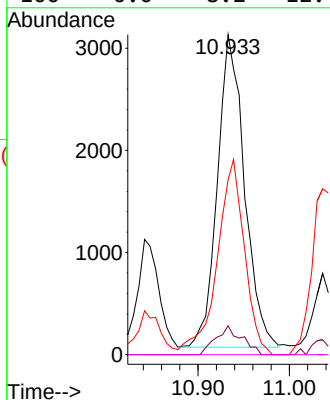


#48
2-Hexanone
Concen: 3.730 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW020322.D
Acq: 06 Oct 2021 18:59

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 6298
Ion Ratio Lower Upper
43 100
58 6.9 39.5 59.3#
57 62.9 14.2 21.4#
100 0.0 8.2 12.4#



#49
Dibromochloromethane
Concen: 0.499 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW020322.D
Acq: 06 Oct 2021 18:59

Tgt Ion: 129 Resp: 1500
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#

