

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021579.D
 Acq On : 22 Dec 2021 22:30
 Operator : SY/VA
 Sample : M5171-08RE
 Misc : 5.30g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 03:39:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 02:55:43 2021
 Response via : Initial Calibration

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

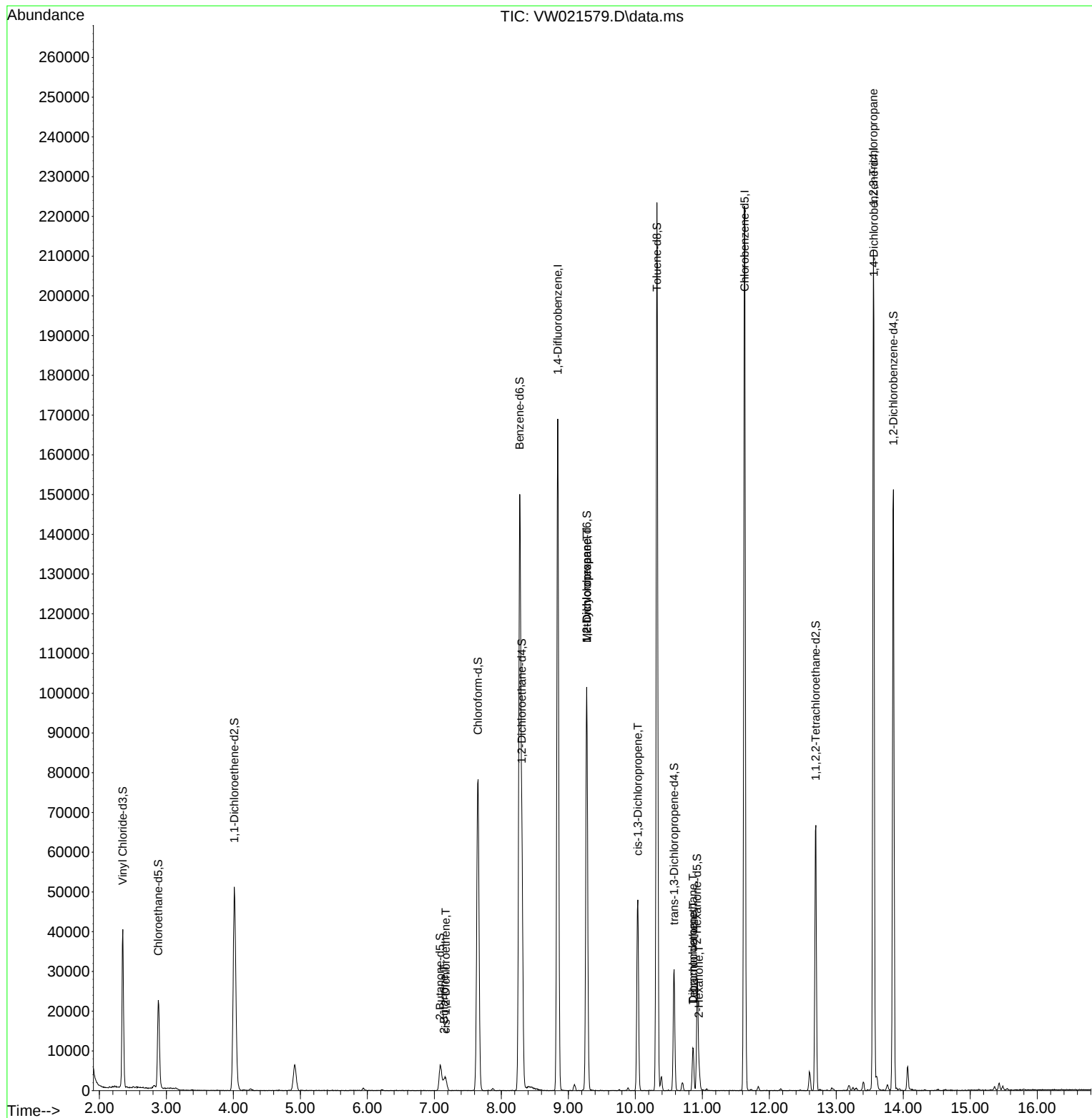
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	141953	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	125761	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54846	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38727	14.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.920%
7) Chloroethane-d5	2.879	69	25898	15.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.600%
11) 1,1-Dichloroethene-d2	4.013	63	47847	13.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.520%
21) 2-Butanone-d5	7.086	46	10840	29.745	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.500%
24) Chloroform-d	7.653	84	79284	20.042	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.160%
26) 1,2-Dichloroethane-d4	8.305	65	43764	20.798	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	8.275	84	153454	22.261	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.040%
36) 1,2-Dichloropropane-d6	9.275	67	43056	23.290	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.160%
41) Toluene-d8	10.323	98	142097	20.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	10.579	79	16054	18.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.440%
47) 2-Hexanone-d5	10.921	63	8939	32.698	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	30704	19.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	40329	18.973	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.880%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	7.171	96	1292	0.643	ug/L	65
22) 2-Butanone	7.147	43	1984	4.650	ug/L	# 52
35) Methylcyclohexane	9.275	83	11481	3.619	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	5643	3.693	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1538	0.638	ug/L	# 63
46) Tetrachloroethene	10.866	164	2438	1.334	ug/L	92
48) 2-Hexanone	10.951	43	3384	5.604	ug/L	# 58
49) Dibromochloromethane	10.860	129	2140	1.388	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	6312	7.908	ug/L	# 68

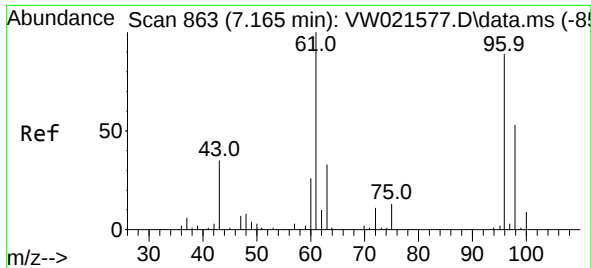
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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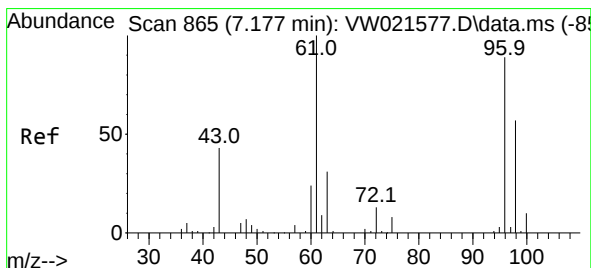
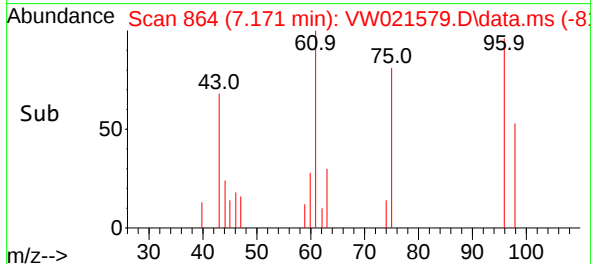
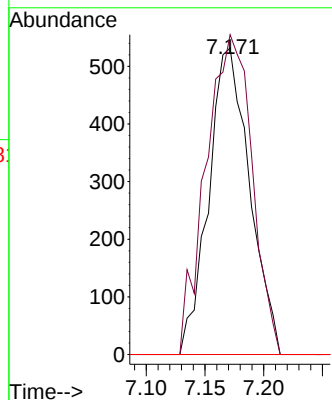
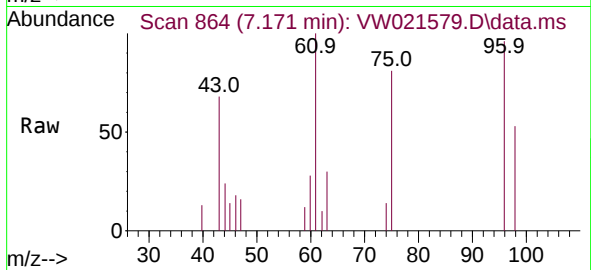




#20
 cis-1,2-Dichloroethene
 Concen: 0.643 ug/L
 RT: 7.171 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW021579.D
 Acq: 22 Dec 2021 22:30

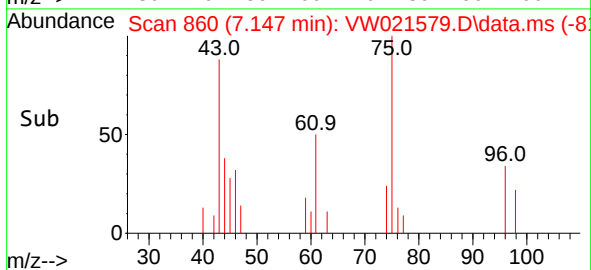
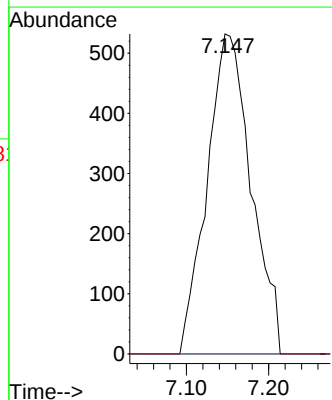
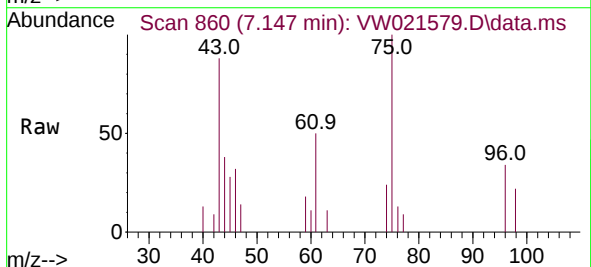
Instrument :
 MSVOA_W
 ClientSampleId :

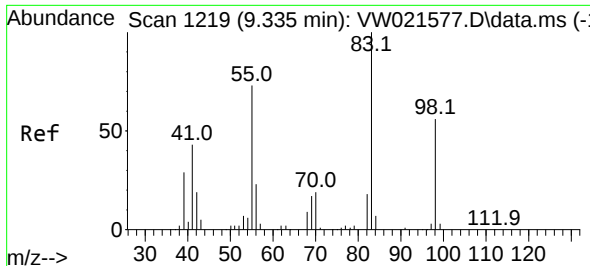
Tgt Ion: 96 Resp: 1292
 Ion Ratio Lower Upper
 96 100
 61 104.3 103.7 192.7
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 4.650 ug/L
 RT: 7.147 min Scan# 860
 Delta R.T. -0.030 min
 Lab File: VW021579.D
 Acq: 22 Dec 2021 22:30

Tgt Ion: 43 Resp: 1984
 Ion Ratio Lower Upper
 43 100
 72 0.0 11.8 35.4#

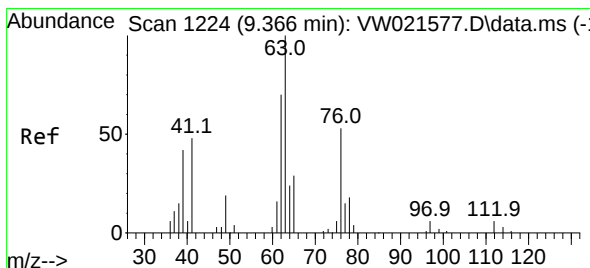
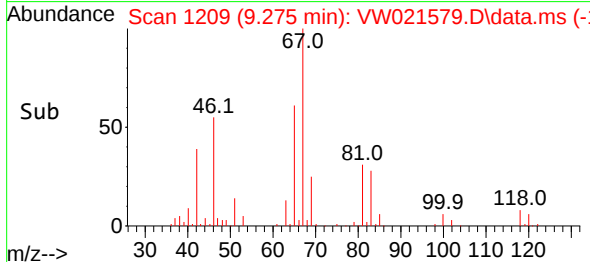
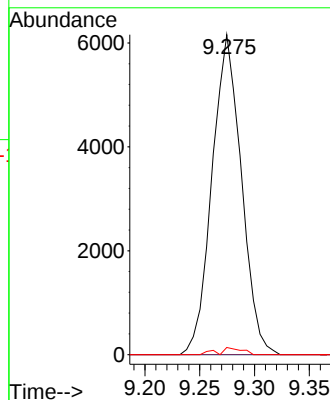
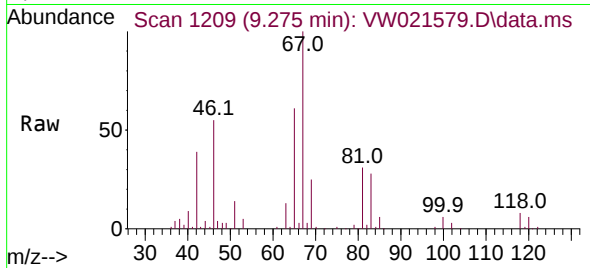




#35
Methylcyclohexane
Concen: 3.619 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021579.D
Acq: 22 Dec 2021 22:30

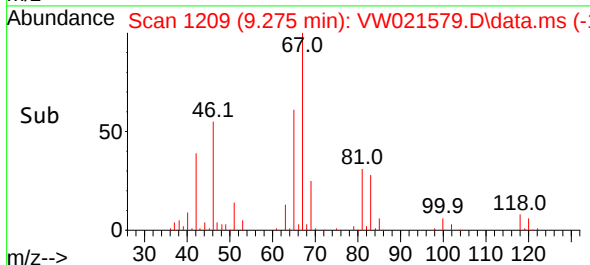
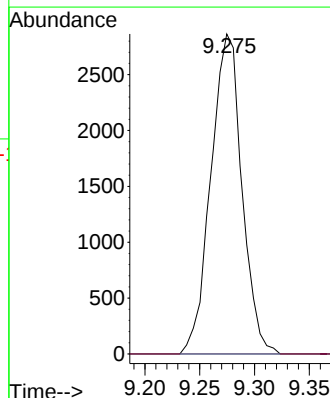
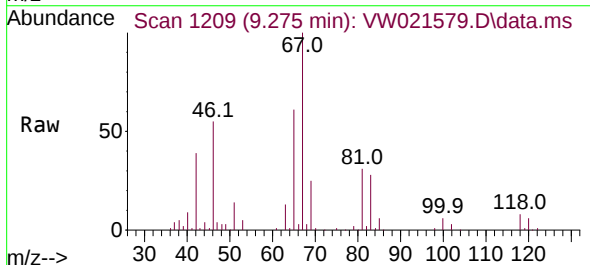
Instrument :
MSVOA_W
ClientSampleId :

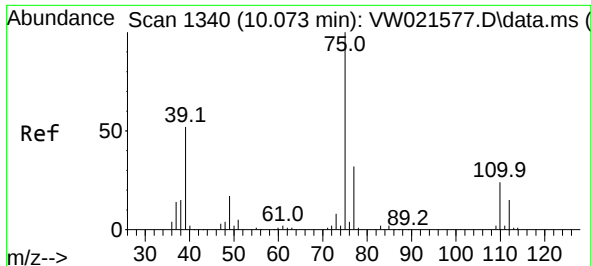
Tgt Ion: 83 Resp: 11481
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.3 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.693 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021579.D
Acq: 22 Dec 2021 22:30

Tgt Ion: 63 Resp: 5643
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021579.D

Acq: 22 Dec 2021 22:30

Instrument :

MSVOA_W

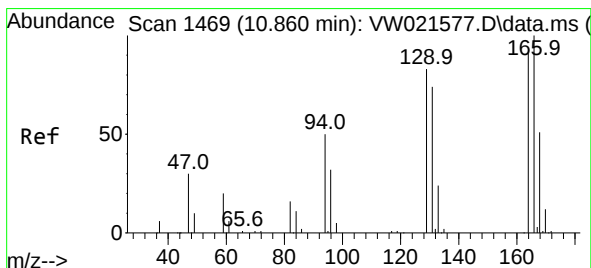
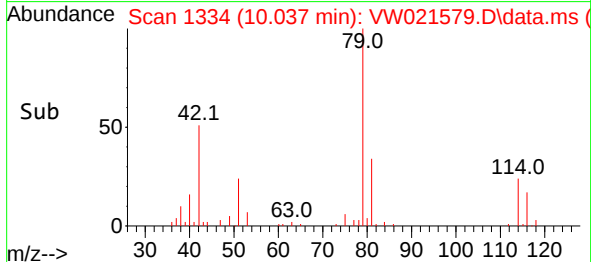
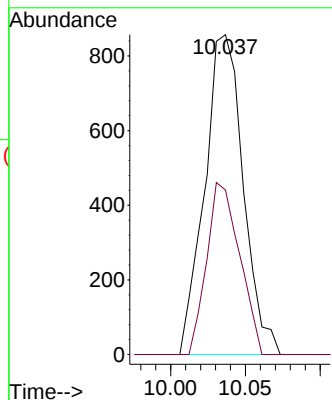
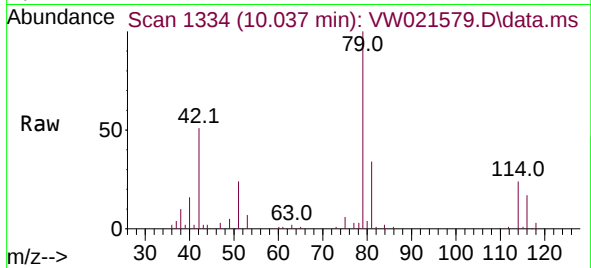
ClientSampleId :

Tgt Ion: 75 Resp: 1538

Ion Ratio Lower Upper

75 100

77 51.5 21.8 40.6#



#46

Tetrachloroethene

Concen: 1.334 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021579.D

Acq: 22 Dec 2021 22:30

Tgt Ion: 164 Resp: 2438

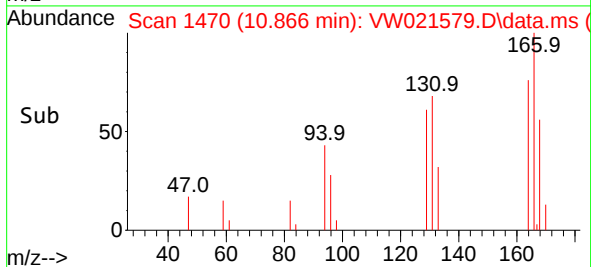
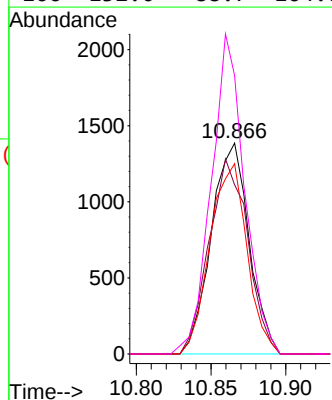
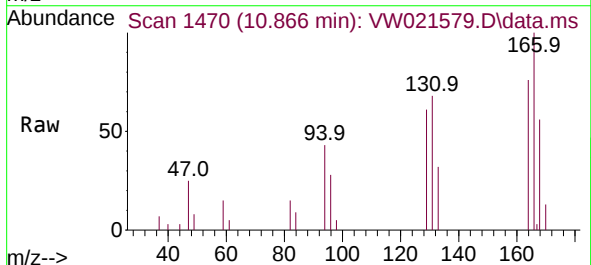
Ion Ratio Lower Upper

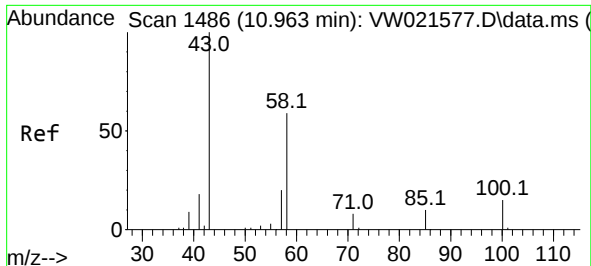
164 100

129 80.2 65.5 121.7

131 90.2 59.7 110.9

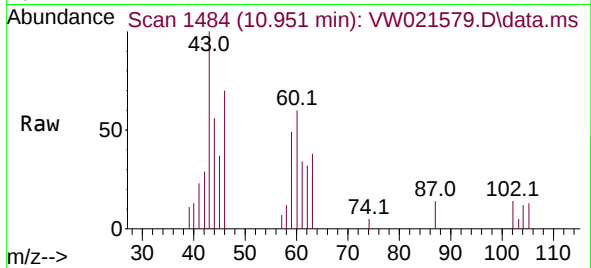
166 132.0 88.7 164.7



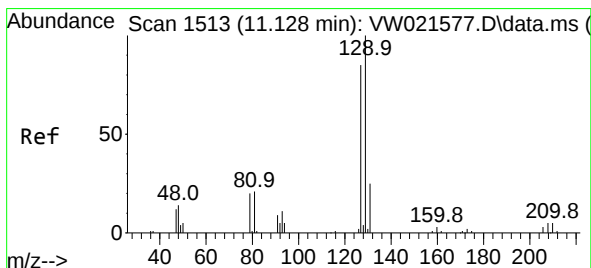
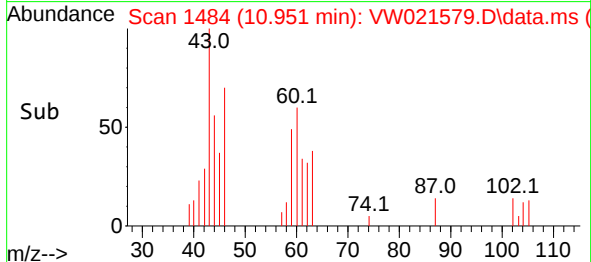
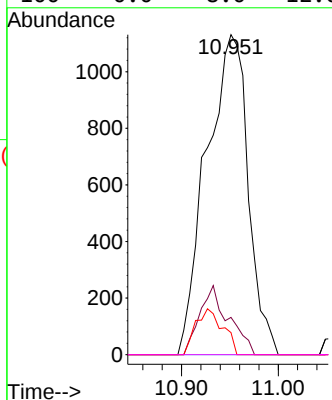


#48
2-Hexanone
Concen: 5.604 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.012 min
Lab File: VW021579.D
Acq: 22 Dec 2021 22:30

Instrument :
MSVOA_W
ClientSampleId :

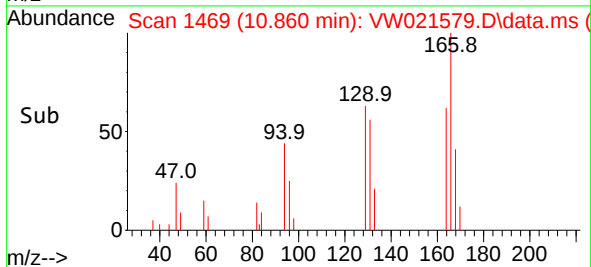
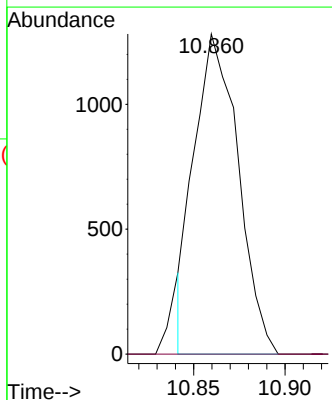
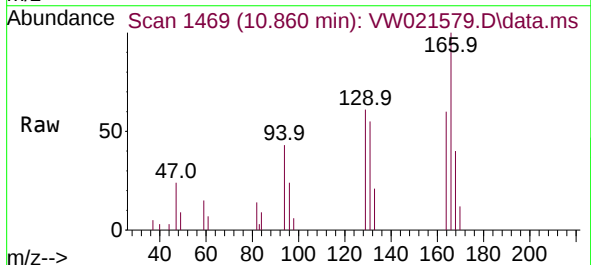


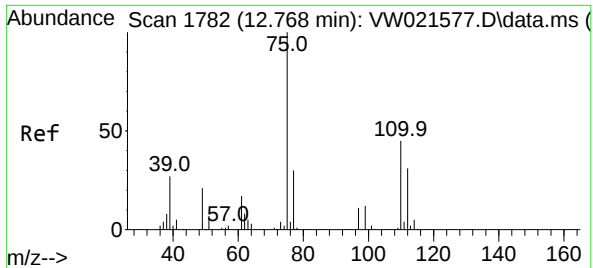
Tgt Ion: 43	Resp: 3384
Ion Ratio	Lower Upper
43 100	
58 15.0	40.2 60.2#
57 7.5	14.3 21.5#
100 0.0	8.0 12.0#



#49
Dibromochloromethane
Concen: 1.388 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021579.D
Acq: 22 Dec 2021 22:30

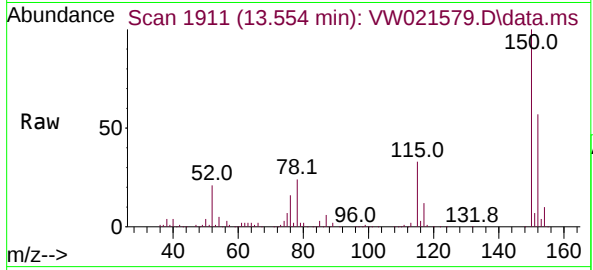
Tgt Ion:129	Resp:	2140	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.908 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW021579.D
 Acq: 22 Dec 2021 22:30

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 6312

Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.8	38.8
110	3.0	29.0	43.4

