

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029503.D
 Acq On : 09 Dec 2022 03:12
 Operator : SY/MD
 Sample : N5915-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N17

Quant Time: Dec 09 04:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

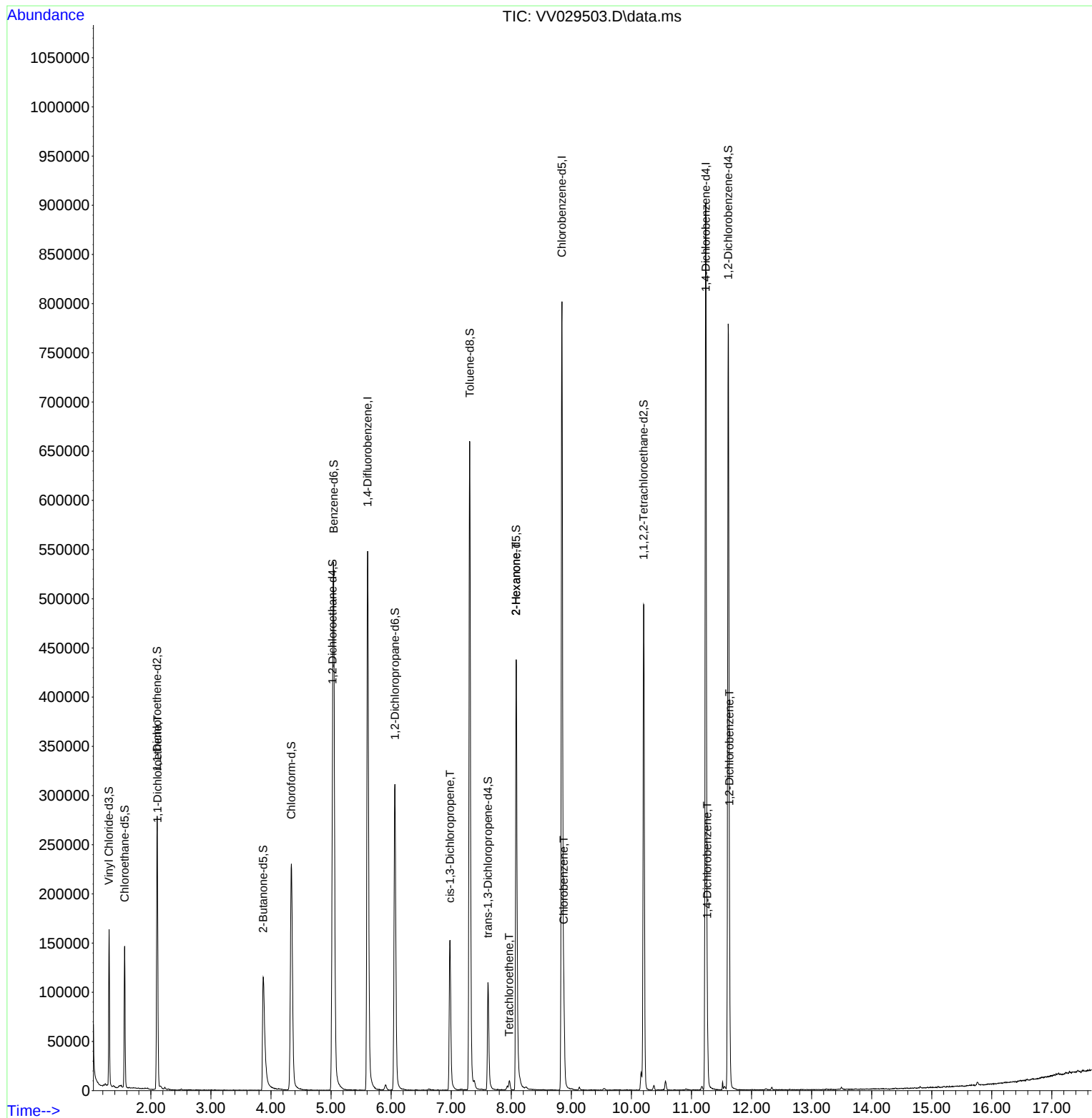
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	508066	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	466878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	240750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99771	32.069	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.140%
7) Chloroethane-d5	1.565	69	91706	38.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.320%
11) 1,1-Dichloroethene-d2	2.105	63	139949	28.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.680%#
21) 2-Butanone-d5	3.870	46	192758	101.564	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	4.339	84	244065	41.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.380%
26) 1,2-Dichloroethane-d4	5.024	65	152473	45.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.200%
32) Benzene-d6	5.044	84	510400	41.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.740%
36) 1,2-Dichloropropane-d6	6.063	67	164075	43.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.080%
41) Toluene-d8	7.310	98	463345	39.862	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.720%#
43) trans-1,3-Dichloroprop...	7.613	79	66832	35.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.240%
47) 2-Hexanone-d5	8.082	63	166821	103.672	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.670%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	245082	45.514	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.020%
66) 1,2-Dichlorobenzene-d4	11.612	152	199741	43.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	2974	1.095	ug/L #	1
39) cis-1,3-Dichloropropene	6.982	75	3647	0.698	ug/L #	70
46) Tetrachloroethene	7.966	164	2320	0.875	ug/L	85
48) 2-Hexanone	8.082	43	16081	5.558	ug/L #	62
51) Chlorobenzene	8.873	112	49648	5.535	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	25013	3.561	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	35813	5.067	ug/L	92

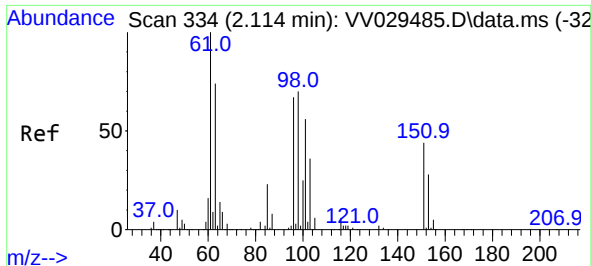
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.095 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029503.D

Acq: 09 Dec 2022 03:12

Instrument :

MSVOA_V

ClientSampleId :

F5N17

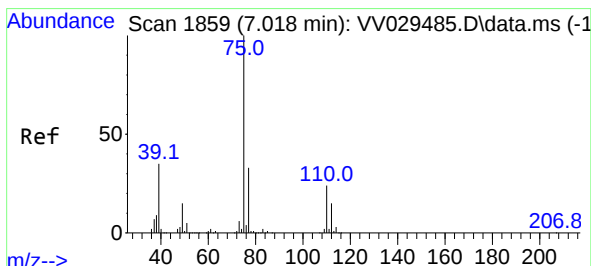
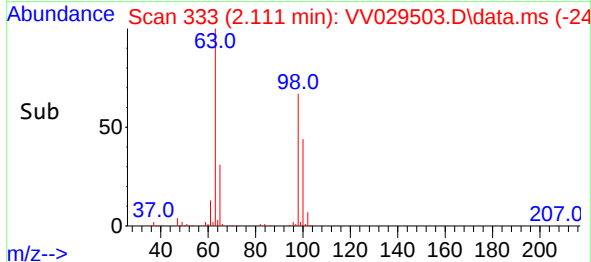
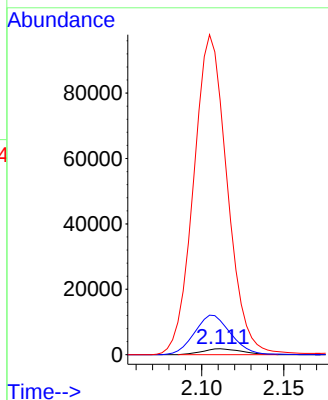
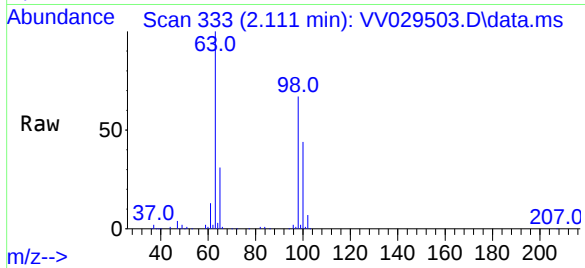
Tgt Ion: 96 Resp: 2974

Ion Ratio Lower Upper

96 100

61 577.6 103.3 191.9#

63 4287.7 77.3 143.7#



#39

cis-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.038 min

Lab File: VV029503.D

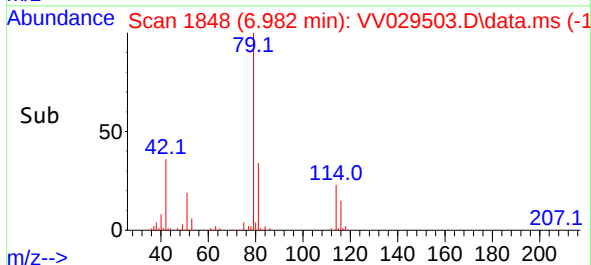
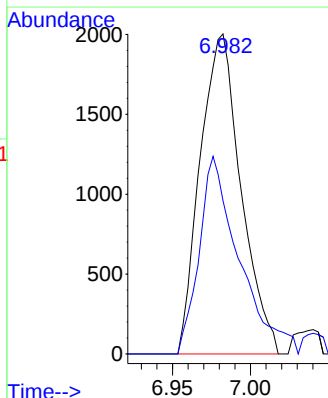
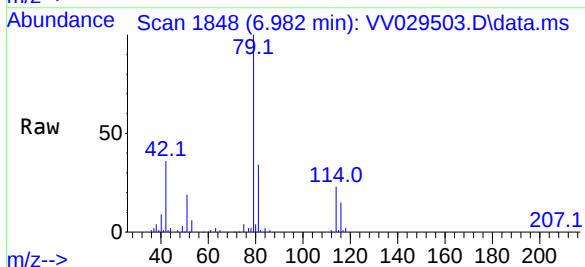
Acq: 09 Dec 2022 03:12

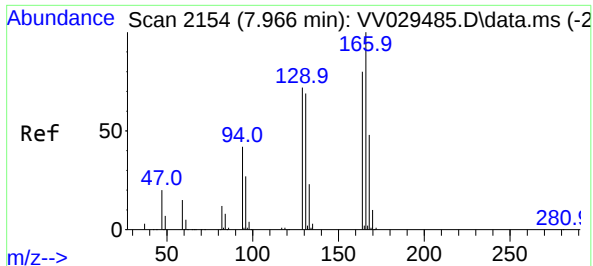
Tgt Ion: 75 Resp: 3647

Ion Ratio Lower Upper

75 100

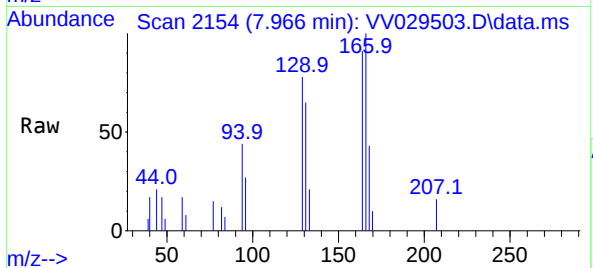
77 47.9 21.9 40.7#





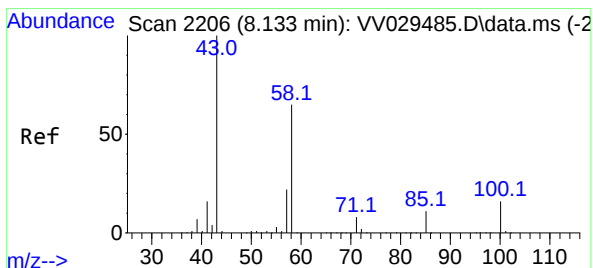
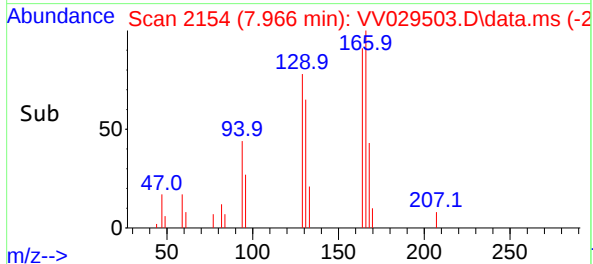
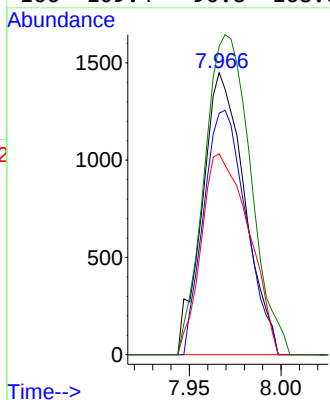
#46
Tetrachloroethene
Concen: 0.875 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV029503.D
Acq: 09 Dec 2022 03:12

Instrument : MSVOA_V
ClientSampleId : F5N17

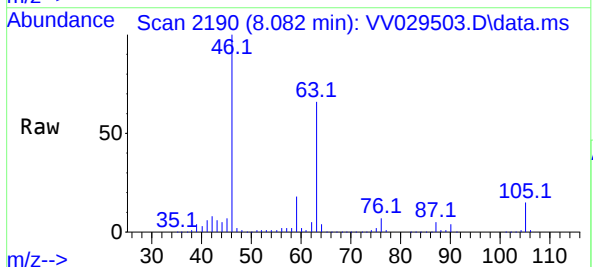


Tgt Ion:164 Resp: 2320

Ion	Ratio	Lower	Upper
164	100		
129	85.6	65.3	121.3
131	71.2	63.1	117.1
166	109.4	90.8	168.6

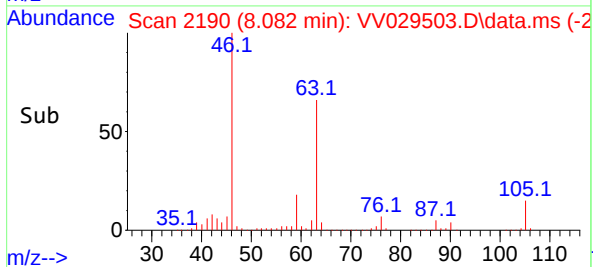
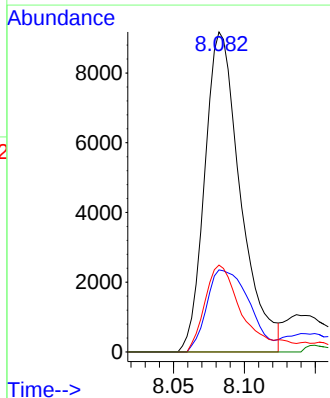


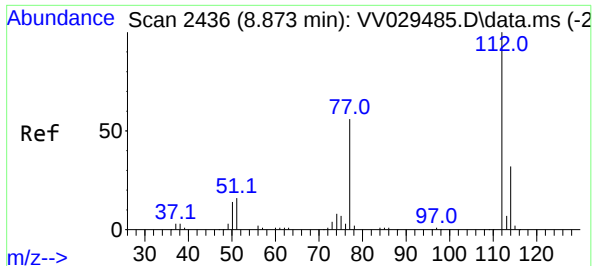
#48
2-Hexanone
Concen: 5.558 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.051 min
Lab File: VV029503.D
Acq: 09 Dec 2022 03:12



Tgt Ion: 43 Resp: 16081

Ion	Ratio	Lower	Upper
43	100		
58	30.5	54.1	81.1#
57	27.3	17.4	26.0#
100	0.0	13.6	20.4#

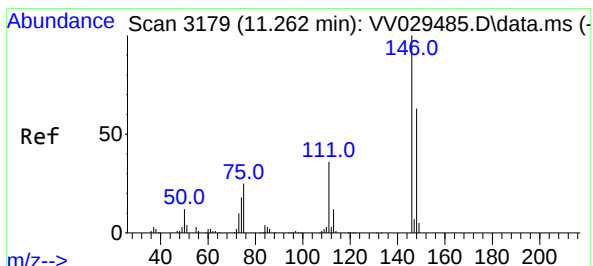
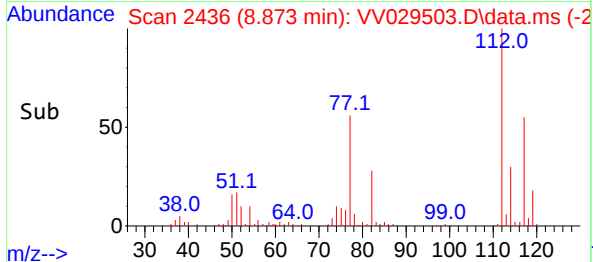
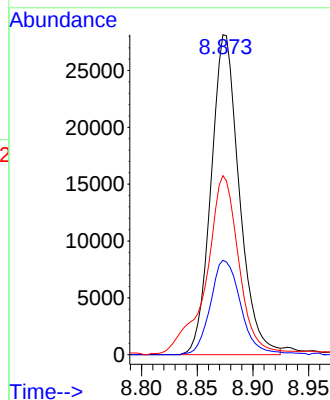
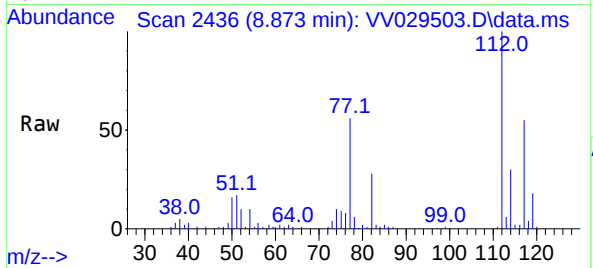




#51
Chlorobenzene
Concen: 5.535 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.000 min
Lab File: VV029503.D
Acq: 09 Dec 2022 03:12

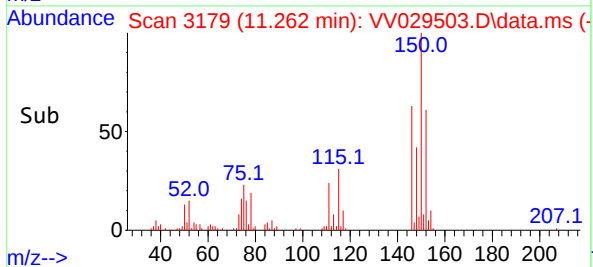
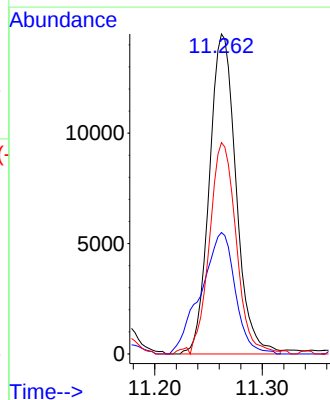
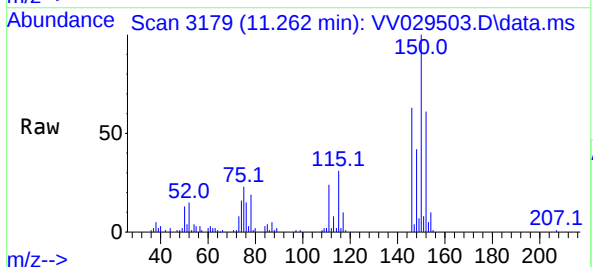
Instrument :
MSVOA_V
ClientSampleId :
F5N17

Tgt Ion:112 Resp: 49648
Ion Ratio Lower Upper
112 100
114 29.5 22.3 41.3
77 55.9 45.0 67.4

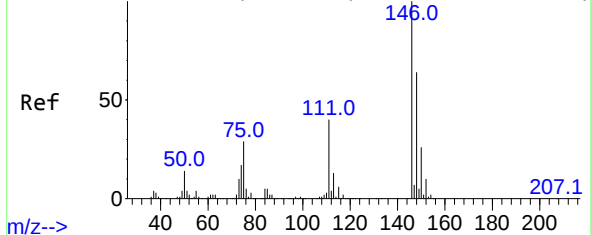


#65
1,4-Dichlorobenzene
Concen: 3.561 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029503.D
Acq: 09 Dec 2022 03:12

Tgt Ion:146 Resp: 25013
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.8
148 66.0 44.7 83.1



Abundance Scan 3294 (11.631 min): VV029485.D\data.ms (-



#67

1,2-Dichlorobenzene

Concen: 5.067 ug/L

RT: 11.632 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029503.D

Acq: 09 Dec 2022 03:12

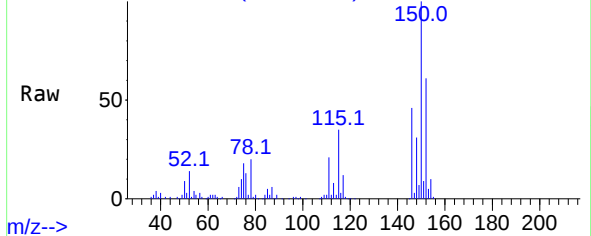
Instrument :

MSVOA_V

ClientSampleId :

F5N17

Abundance Scan 3294 (11.632 min): VV029503.D\data.ms (-



Tgt Ion:146 Resp: 35813

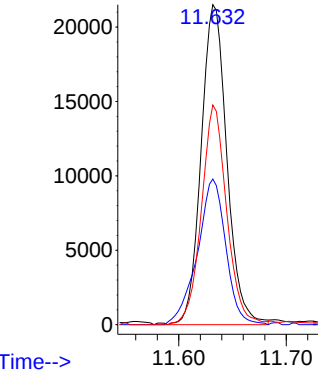
Ion Ratio Lower Upper

146 100

111 45.5 32.0 48.0

148 68.6 50.6 76.0

Abundance



Abundance Scan 3294 (11.632 min): VV029503.D\data.ms (-

