

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029581.D
 Acq On : 10 Dec 2022 15:15
 Operator : SY/MD
 Sample : N5928-16 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ77

Quant Time: Dec 12 00:07:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

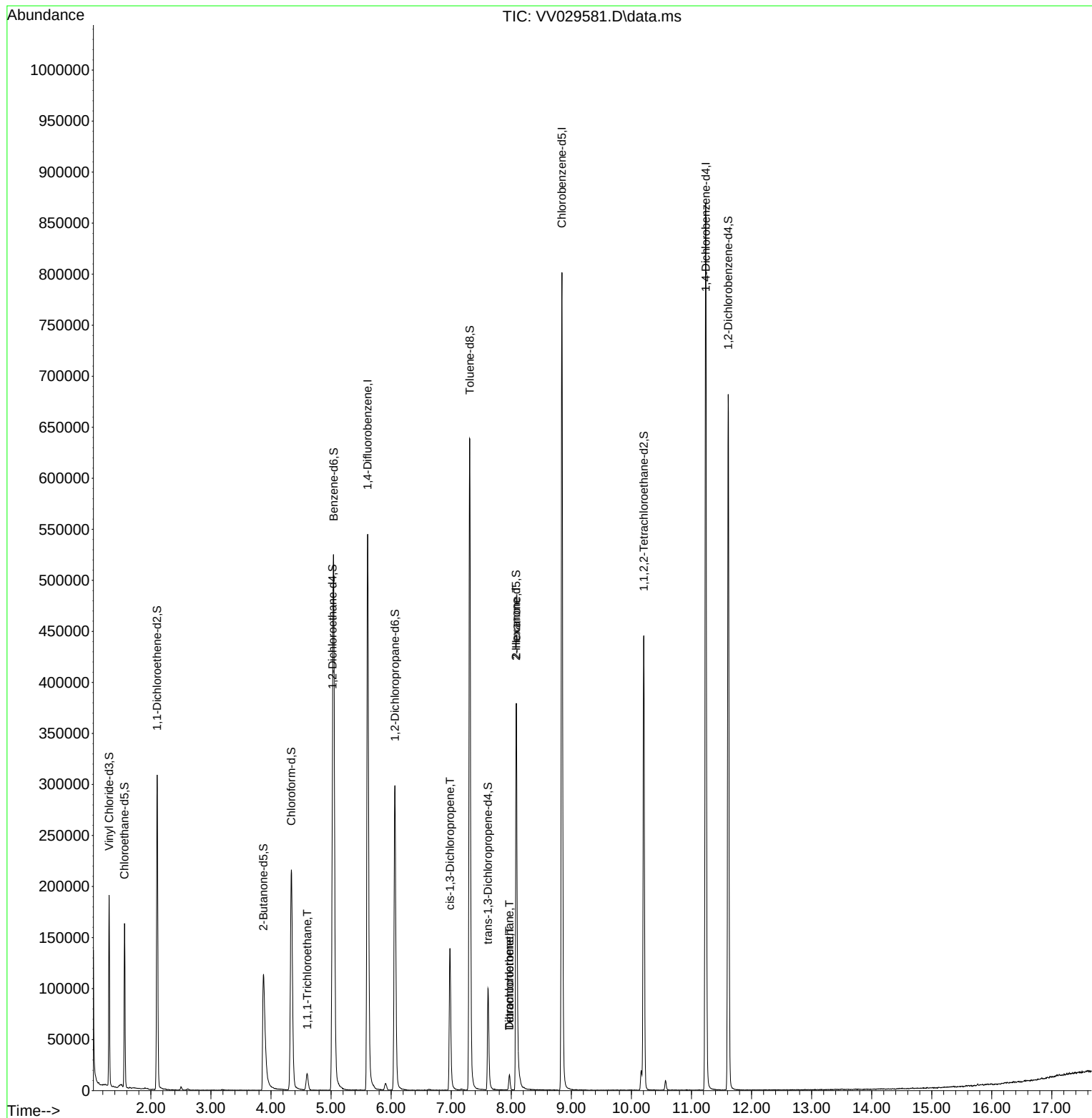
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	504870	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	466238	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	238692	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119326	38.597	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.200%
7) Chloroethane-d5	1.561	69	103077	43.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.440%
11) 1,1-Dichloroethene-d2	2.104	63	156469	32.448	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.900%
21) 2-Butanone-d5	3.873	46	176726	93.706	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.710%
24) Chloroform-d	4.339	84	237600	40.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.680%
26) 1,2-Dichloroethane-d4	5.024	65	143304	43.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.260%
32) Benzene-d6	5.043	84	504954	40.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.980%
36) 1,2-Dichloropropane-d6	6.063	67	156199	41.508	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.020%
41) Toluene-d8	7.310	98	451723	38.915	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.840%#
43) trans-1,3-Dichloroprop...	7.612	79	61498	32.364	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.720%
47) 2-Hexanone-d5	8.082	63	148326	92.305	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	222491	41.375	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.760%
66) 1,2-Dichlorobenzene-d4	11.612	152	184503	40.606	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.220%
Target Compounds						
					Qvalue	
30) 1,1,1-Trichloroethane	4.603	97	13349	2.628	ug/L	98
39) cis-1,3-Dichloropropene	6.982	75	3473	0.666	ug/L #	60
46) Tetrachloroethene	7.969	164	3675	1.388	ug/L	94
48) 2-Hexanone	8.085	43	14226	4.924	ug/L #	64
49) Dibromochloromethane	7.969	129	2827	0.781	ug/L #	10

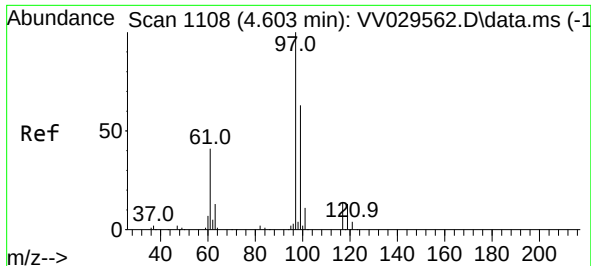
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 10 07:45:47 2022
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#30

1,1,1-Trichloroethane

Concen: 2.628 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

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ClientSampleId :

EXZ77

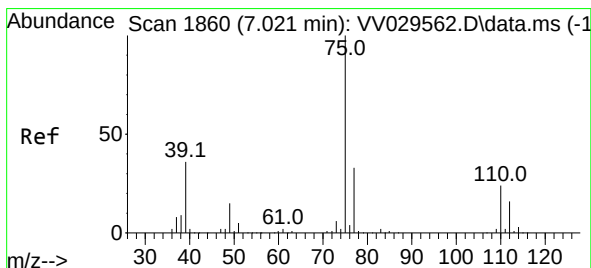
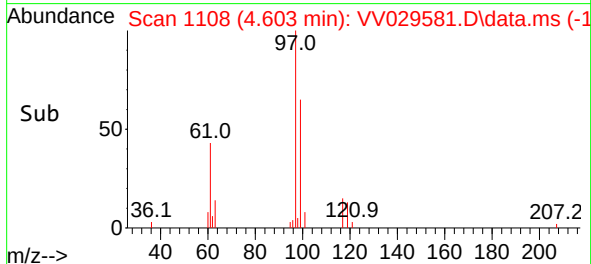
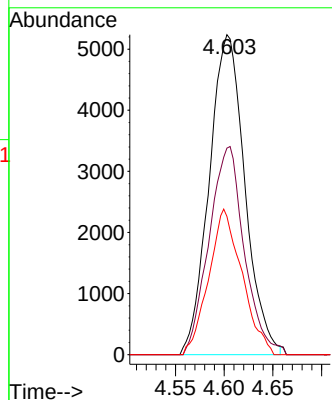
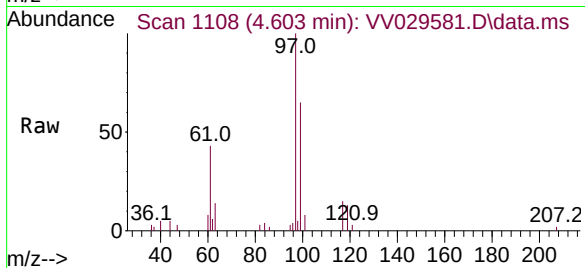
Tgt Ion: 97 Resp: 13349

Ion Ratio Lower Upper

97 100

99 64.2 52.1 78.1

61 42.5 31.8 47.8



#39

cis-1,3-Dichloropropene

Concen: 0.666 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV029581.D

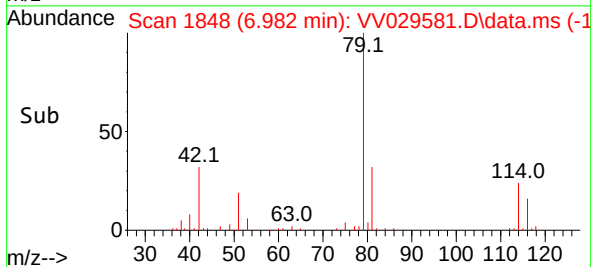
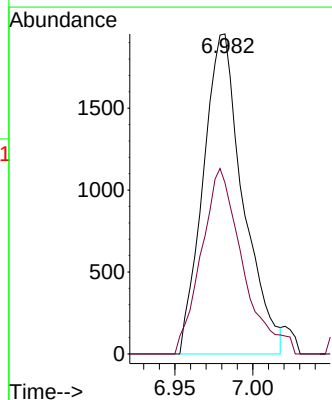
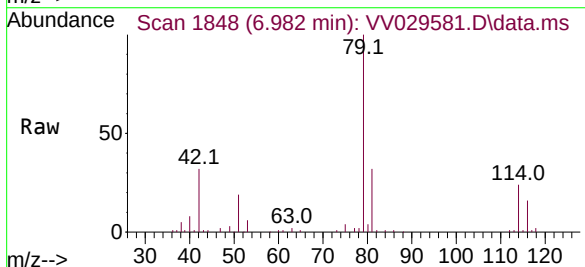
Acq: 10 Dec 2022 15:15

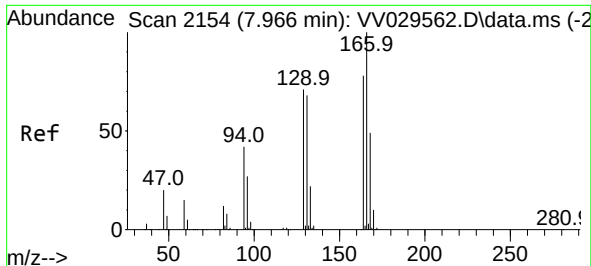
Tgt Ion: 75 Resp: 3473

Ion Ratio Lower Upper

75 100

77 53.5 21.9 40.7#

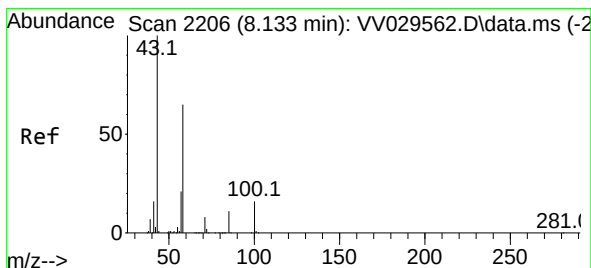
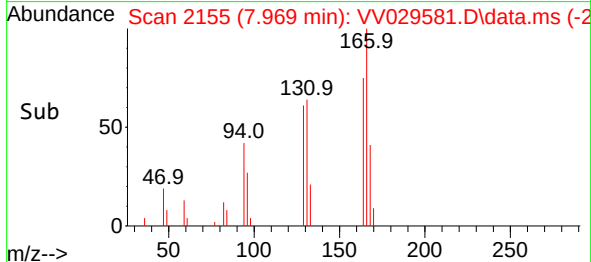
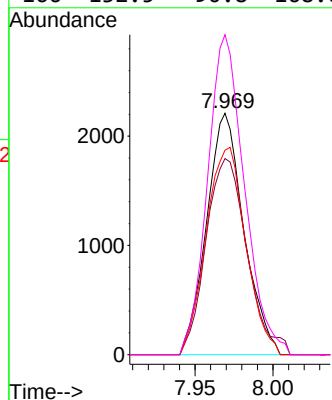
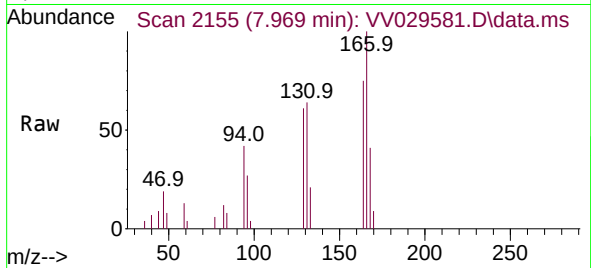




#46
Tetrachloroethene
Concen: 1.388 ug/L
RT: 7.969 min Scan# 2154
Delta R.T. 0.003 min
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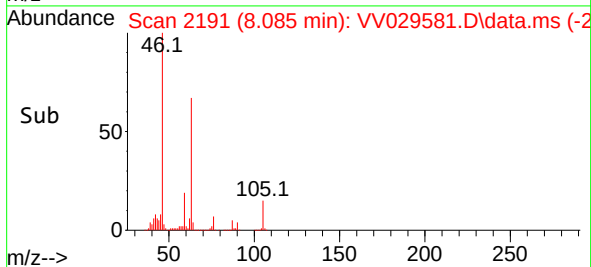
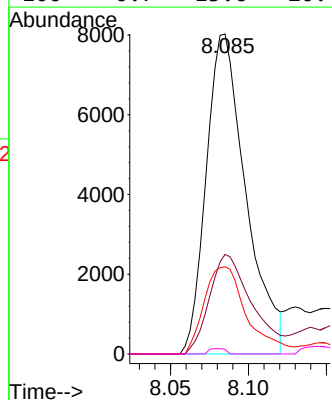
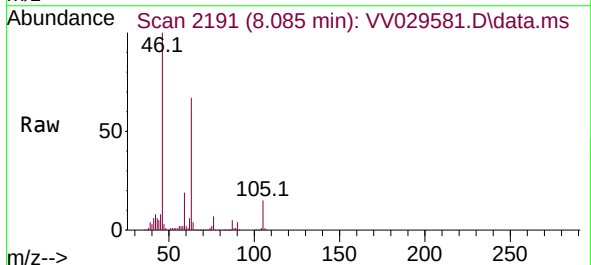
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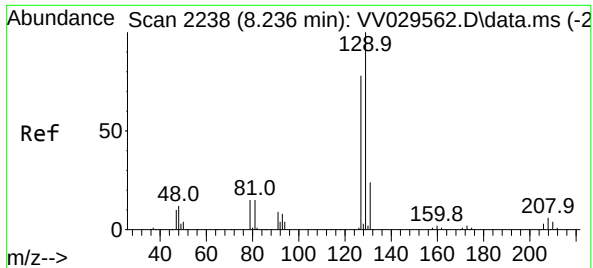
Tgt Ion:164 Resp: 3675
Ion Ratio Lower Upper
164 100
129 81.2 65.3 121.3
131 84.7 63.1 117.1
166 132.5 90.8 168.6



#48
2-Hexanone
Concen: 4.924 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.048 min
Lab File: VV029581.D
Acq: 10 Dec 2022 15:15

Tgt Ion: 43 Resp: 14226
Ion Ratio Lower Upper
43 100
58 33.5 54.1 81.1#
57 29.3 17.4 26.0#
100 0.7 13.6 20.4#





#49
 Dibromochloromethane
 Concen: 0.781 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. -0.267 min
 Lab File: VV029581.D
 Acq: 10 Dec 2022 15:15

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ77

Tgt Ion:129 Resp: 2827
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.2 102.4#

