

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032024\
 Data File : VW034770.D
 Acq On : 20 Mar 2024 18:07
 Operator : SY/MD
 Sample : P1778-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GQ2

Quant Time: Mar 21 02:22:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 02:16:15 2024
 Response via : Initial Calibration

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

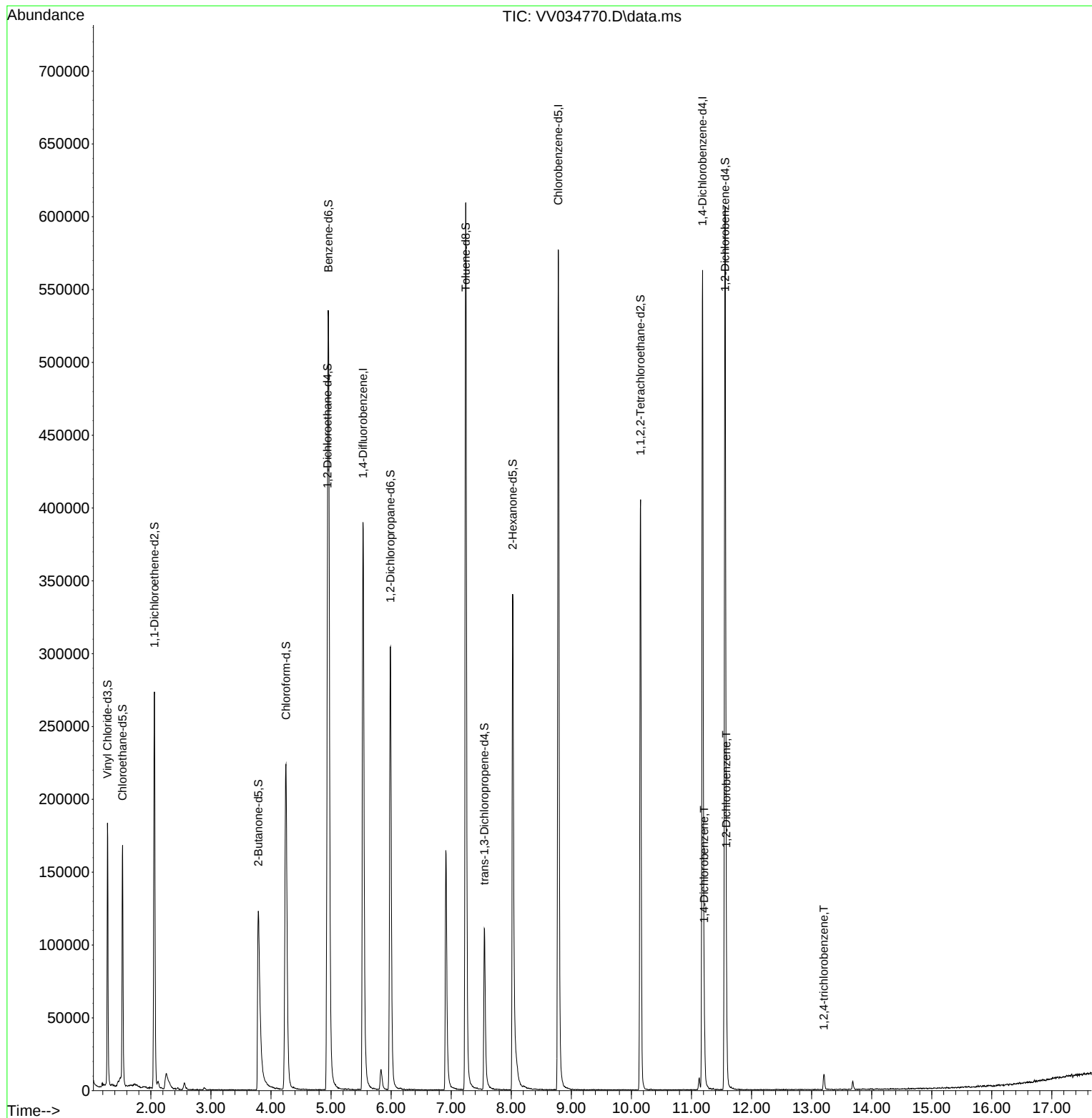
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	337243	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	317326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	142058	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	113984	38.988	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.980%
7) Chloroethane-d5	1.529	69	100237	44.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.020%
11) 1,1-Dichloroethene-d2	2.060	65	46965	35.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.040%
21) 2-Butanone-d5	3.789	46	196576	100.546	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.550%
24) Chloroform-d	4.249	84	239592	46.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
26) 1,2-Dichloroethane-d4	4.940	65	165077	48.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.740%
32) Benzene-d6	4.957	84	464142	48.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	5.989	67	144227	49.347	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.700%
41) Toluene-d8	7.243	98	405655	46.806	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.620%
43) trans-1,3-Dichloroprop...	7.554	79	65472	44.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.220%
47) 2-Hexanone-d5	8.024	63	117142	80.263	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.260%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	191778	49.861	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.720%
66) 1,2-Dichlorobenzene-d4	11.561	152	151747	52.260	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.520%
Target Compounds						
					Qvalue	
65) 1,4-Dichlorobenzene	11.210	146	17248	3.656	ug/L	94
67) 1,2-Dichlorobenzene	11.580	146	16395	3.522	ug/L	94
70) 1,2,4-trichlorobenzene	13.204	180	4007	1.278	ug/L #	90

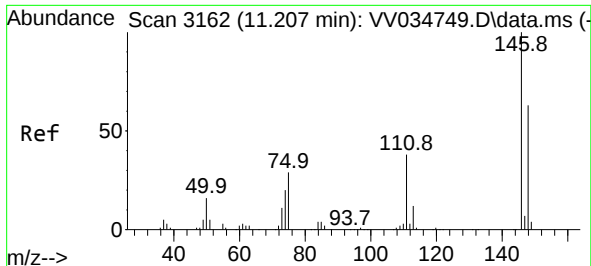
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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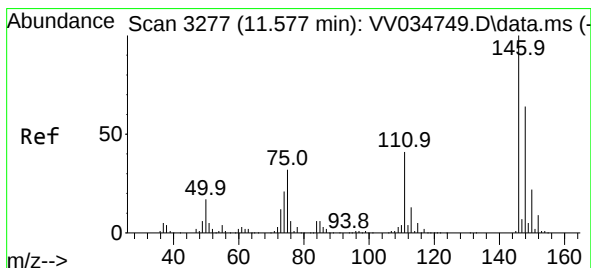
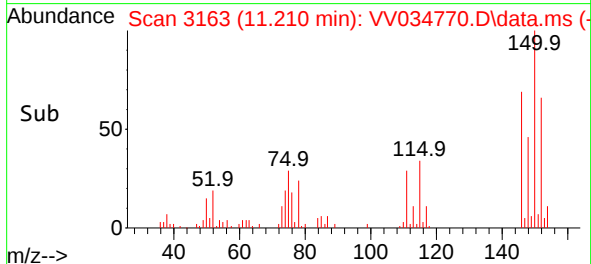
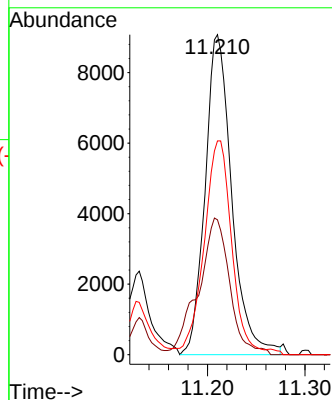
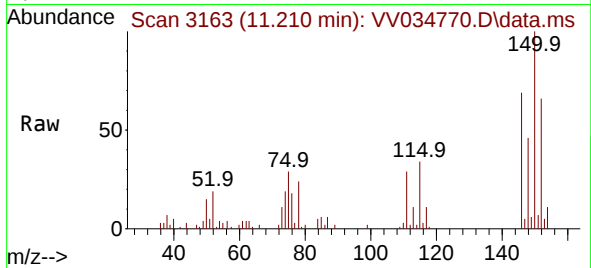




#65
1,4-Dichlorobenzene
Concen: 3.656 ug/L
RT: 11.210 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV034770.D
Acq: 20 Mar 2024 18:07

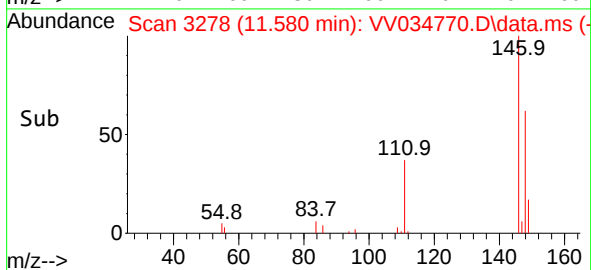
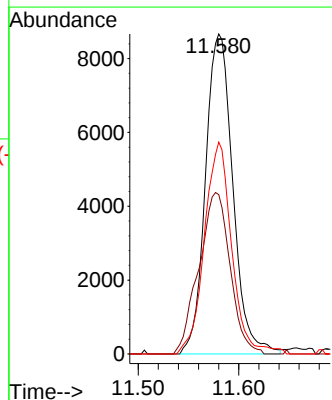
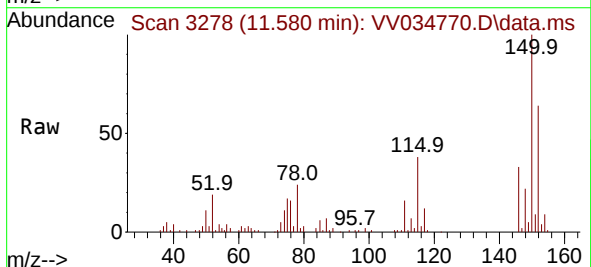
Instrument :
MSVOA_V
ClientSampleId :
C0GQ2

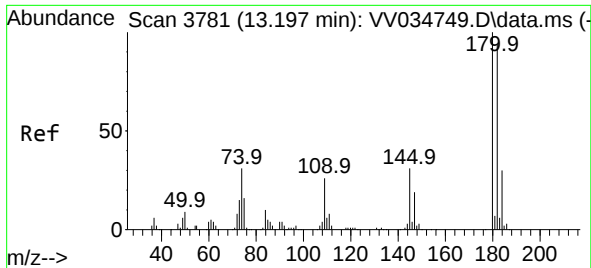
Tgt Ion:146 Resp: 17248
Ion Ratio Lower Upper
146 100
111 42.1 26.5 49.1
148 66.8 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 3.522 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV034770.D
Acq: 20 Mar 2024 18:07

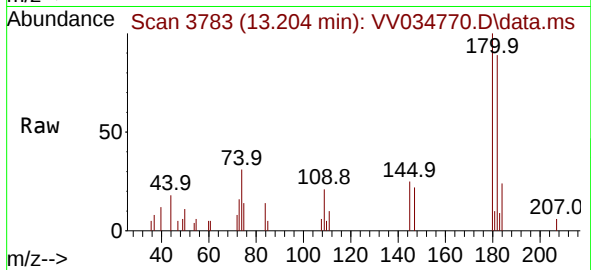
Tgt Ion:146 Resp: 16395
Ion Ratio Lower Upper
146 100
111 49.8 33.8 50.8
148 66.2 51.3 76.9





#70
 1,2,4-trichlorobenzene
 Concen: 1.278 ug/L
 RT: 13.204 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV034770.D
 Acq: 20 Mar 2024 18:07

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 C0GQ2



Tgt Ion:180 Resp: 4007
 Ion Ratio Lower Upper
 180 100
 182 96.6 74.8 112.2
 145 12.9 24.2 36.4#

