

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121823\
 Data File : VW033465.D
 Acq On : 18 Dec 2023 18:36
 Operator : SY/MD
 Sample : 05807-07DL 10X
 Misc : 2.31g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 19 01:15:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

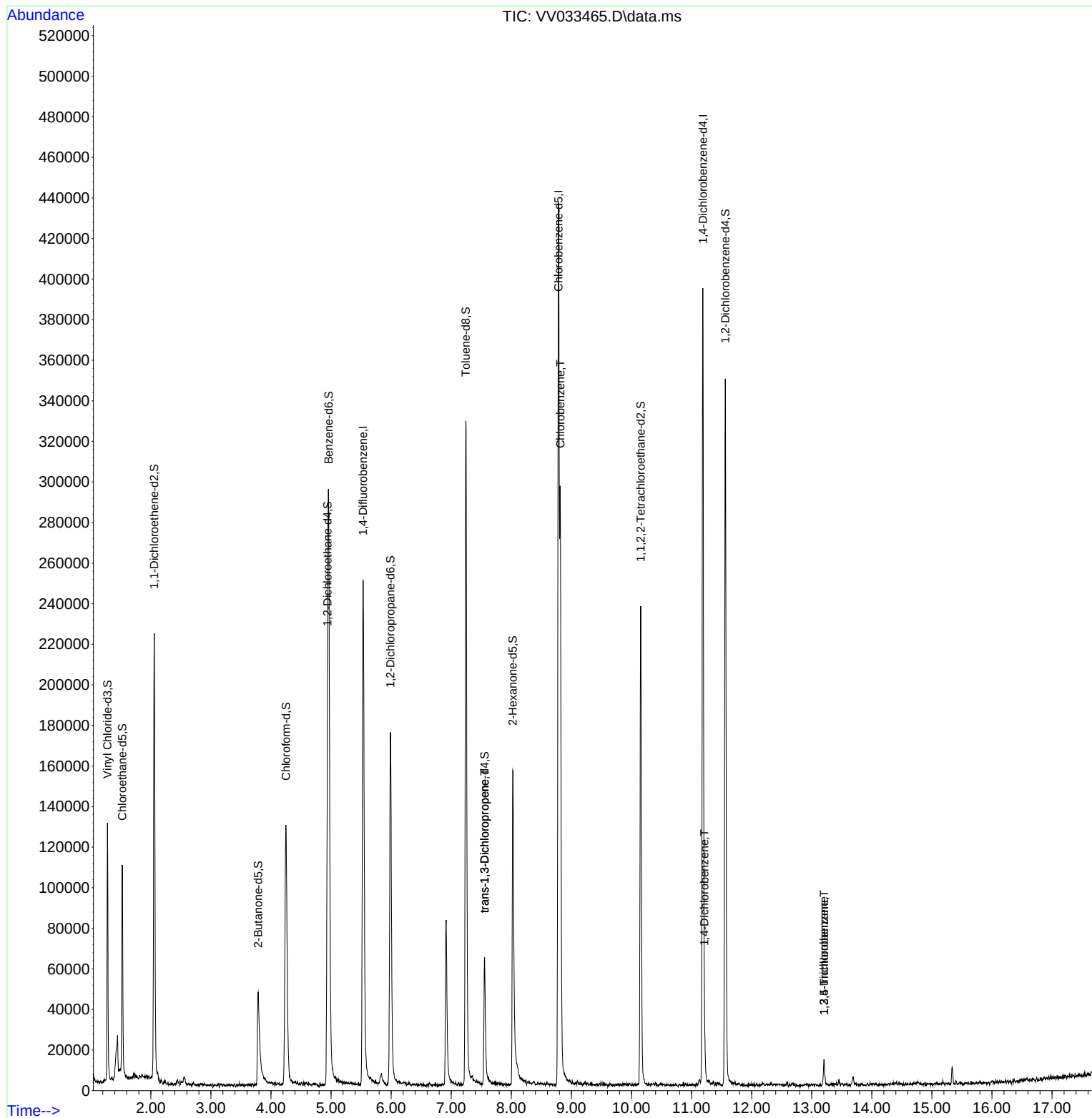
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	217009	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	225215	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	96252	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80076	47.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.840%
7) Chloroethane-d5	1.523	69	69062	46.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.100%
11) 1,1-Dichloroethene-d2	2.056	65	36579	43.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.940%
21) 2-Butanone-d5	3.786	46	71335	84.696	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.700%
24) Chloroform-d	4.249	84	137172	41.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.941	65	89285	43.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.940%
32) Benzene-d6	4.960	84	256301	42.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.500%
36) 1,2-Dichloropropane-d6	5.989	67	79289	43.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.140%
41) Toluene-d8	7.243	98	215458	38.819	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.640%#
43) trans-1,3-Dichloroprop...	7.555	79	35676	39.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.080%
47) 2-Hexanone-d5	8.024	63	48969	79.084	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.080%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	107573	40.656	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.320%
66) 1,2-Dichlorobenzene-d4	11.564	152	85491	47.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.540%
Target Compounds						
44) trans-1,3-Dichloropropene	7.555	75	2198	0.925	ug/L	87
51) Chlorobenzene	8.815	112	147378	32.142	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	8354	2.732	ug/L	95
69) 1,3,5-Trichlorobenzene	13.204	180	3358	1.709	ug/L	91
70) 1,2,4-trichlorobenzene	13.204	180	3358	1.955	ug/L	90

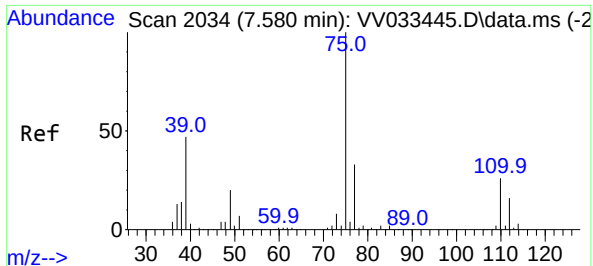
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 16 20:24:09 2023
Response via : Initial Calibration

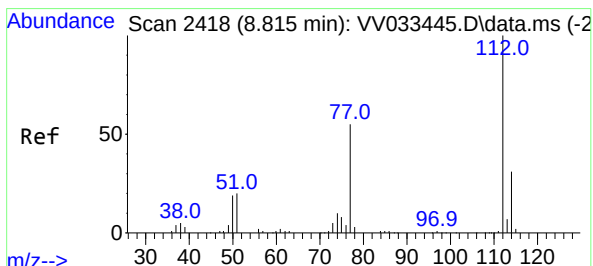
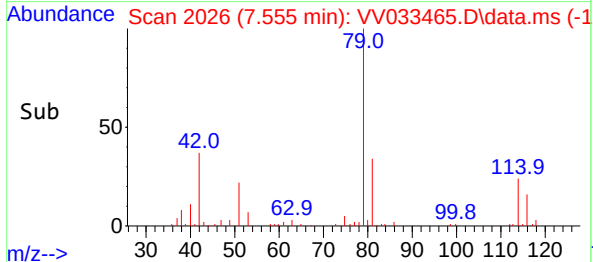
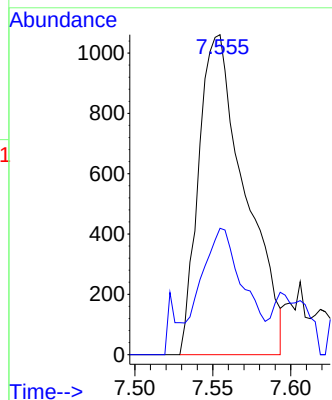
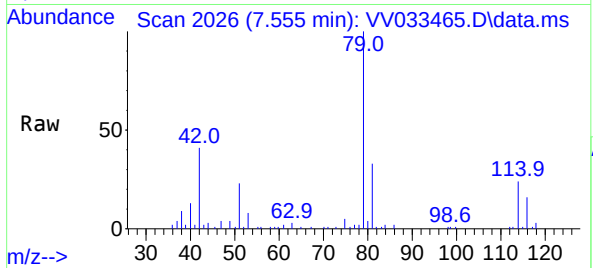




#44
trans-1,3-Dichloropropene
Concen: 0.925 ug/L
RT: 7.555 min Scan# 2034
Delta R.T. -0.026 min
Lab File: VV033465.D
Acq: 18 Dec 2023 18:36

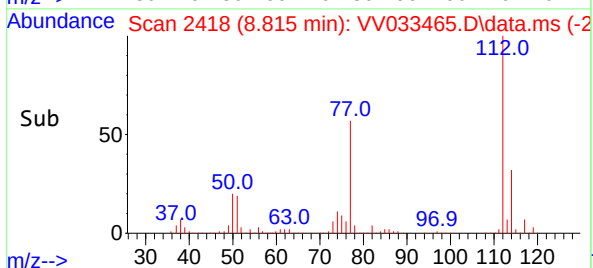
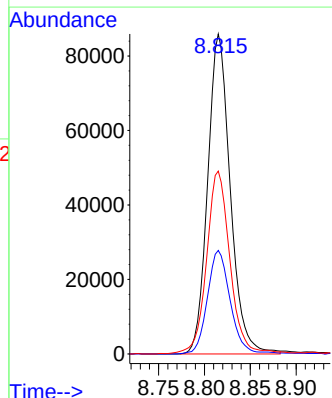
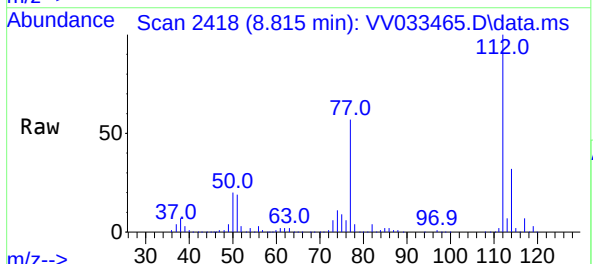
Instrument :
MSVOA_V
ClientSampleId :

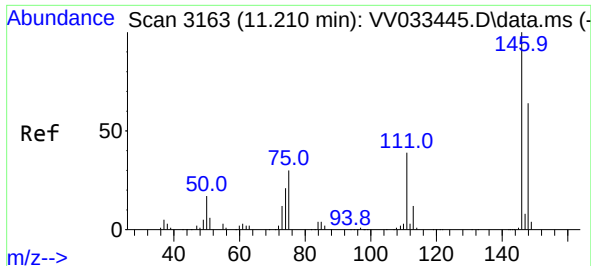
Tgt Ion: 75 Resp: 2198
Ion Ratio Lower Upper
75 100
77 39.5 22.4 41.6



#51
Chlorobenzene
Concen: 32.142 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033465.D
Acq: 18 Dec 2023 18:36

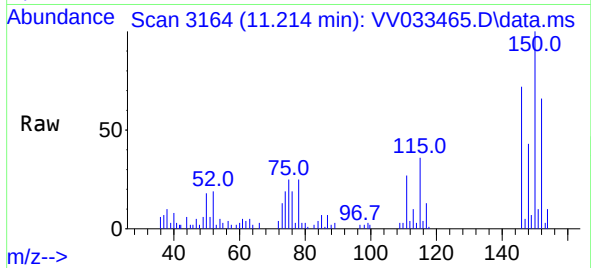
Tgt Ion: 112 Resp: 147378
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.7
77 57.1 45.2 67.8



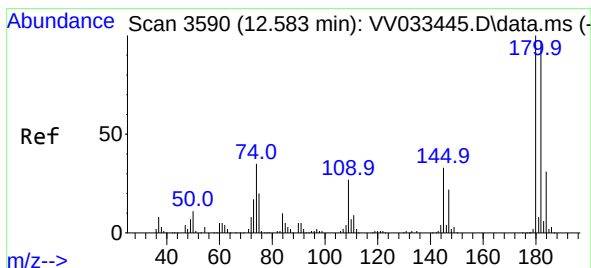
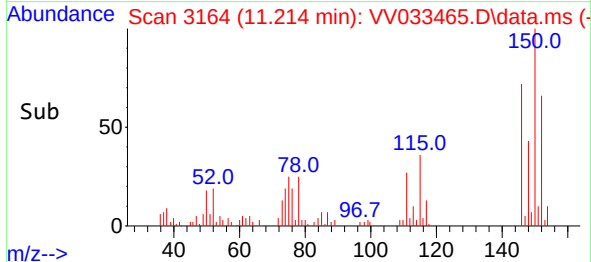
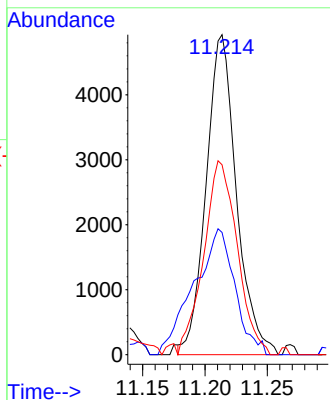


#65
1,4-Dichlorobenzene
Concen: 2.732 ug/L
RT: 11.214 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033465.D
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Instrument :
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ClientSampleId :

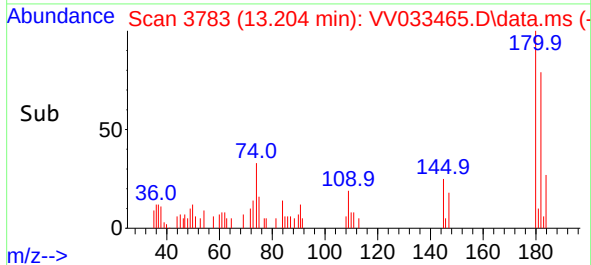
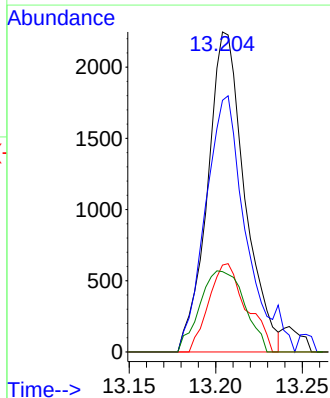
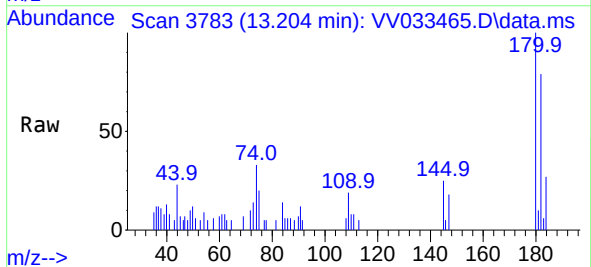


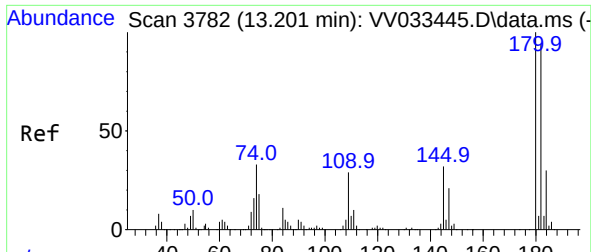
Tgt Ion:146 Resp: 8354
Ion Ratio Lower Upper
146 100
111 38.2 27.9 51.7
148 59.3 45.5 84.5



#69
1,3,5-Trichlorobenzene
Concen: 1.709 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.621 min
Lab File: VV033465.D
Acq: 18 Dec 2023 18:36

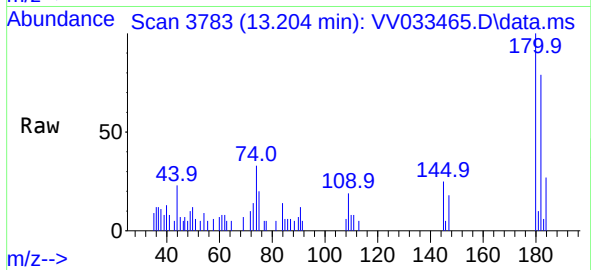
Tgt Ion:180 Resp: 3358
Ion Ratio Lower Upper
180 100
182 83.5 76.2 114.4
184 27.9 24.4 36.6
145 30.4 25.8 38.6





#70
 1,2,4-trichlorobenzene
 Concen: 1.955 ug/L
 RT: 13.204 min Scan# 31
 Delta R.T. 0.007 min
 Lab File: VV033465.D
 Acq: 18 Dec 2023 18:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	3358
Ion	Ratio	Lower	Upper
180	100		
182	83.5	76.1	114.1
145	30.4	25.6	38.4

