

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VW032894.D
 Acq On : 10 Nov 2023 16:06
 Operator : SY/MD
 Sample : 05296-04 10X
 Misc : 5.63gm/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3R5

Quant Time: Nov 10 22:52:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

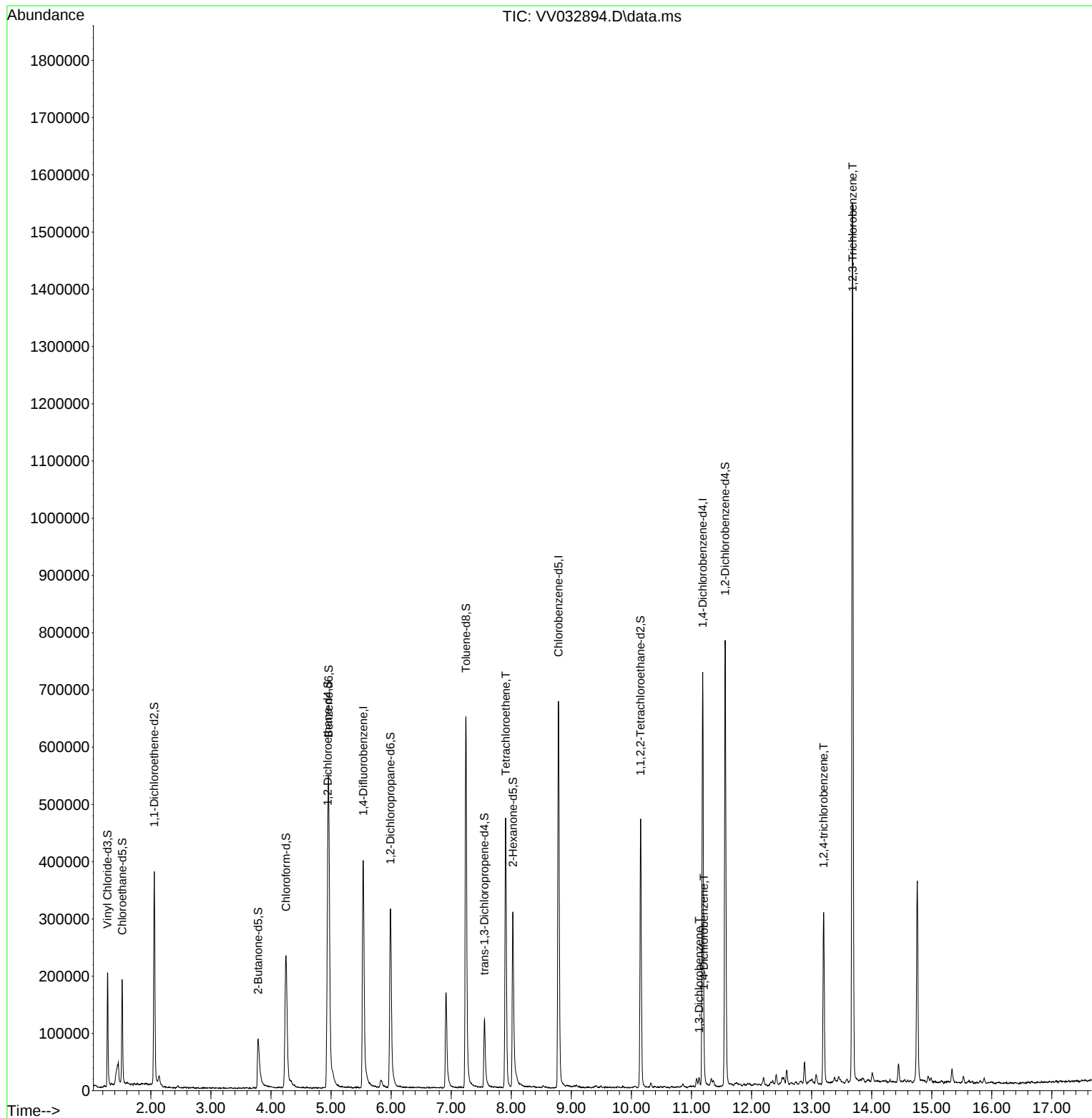
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	377109	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	384145	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	187174	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	132475	36.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.860%
7) Chloroethane-d5	1.523	69	122341	40.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.560%
11) 1,1-Dichloroethene-d2	2.056	65	61460	41.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
21) 2-Butanone-d5	3.786	46	135960	87.390	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.390%
24) Chloroform-d	4.249	84	246640	43.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.160%
26) 1,2-Dichloroethane-d4	4.944	65	165015	46.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
32) Benzene-d6	4.960	84	511293	51.766	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.540%
36) 1,2-Dichloropropane-d6	5.989	67	154017	51.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.660%
41) Toluene-d8	7.246	98	449550	46.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	7.555	79	72796	46.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
47) 2-Hexanone-d5	8.027	63	103562	94.537	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.540%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	215858	47.405	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.820%
66) 1,2-Dichlorobenzene-d4	11.561	152	193997	53.784	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.560%
Target Compounds						
					Qvalue	
46) Tetrachloroethene	7.908	164	107348	41.958	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	6387	1.080	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	3631	0.582	ug/L #	83
70) 1,2,4-trichlorobenzene	13.201	180	87270	23.638	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	442639	120.082	ug/L	99

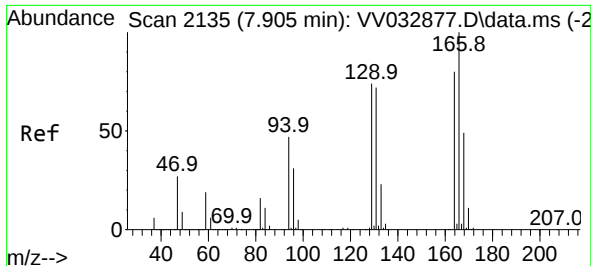
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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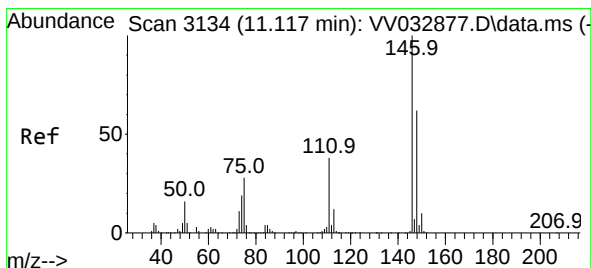
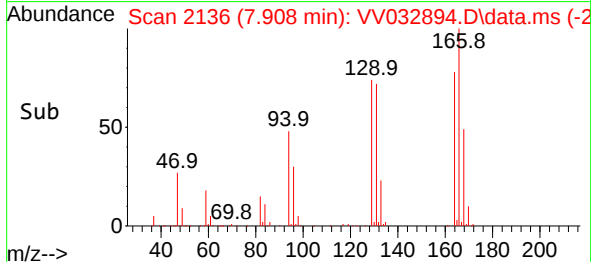
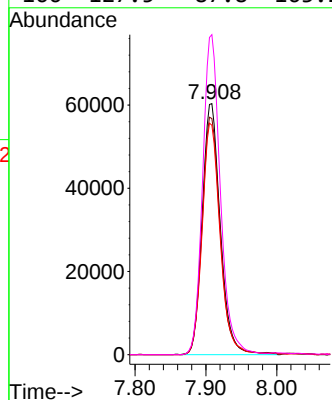
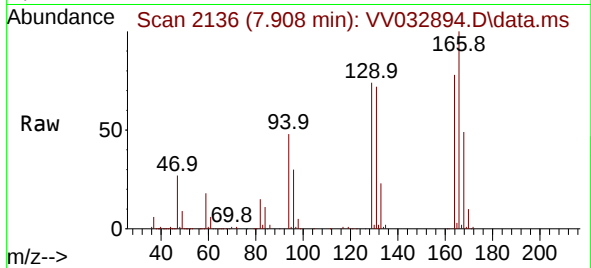




#46
Tetrachloroethene
Concen: 41.958 ug/L
RT: 7.908 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV032894.D
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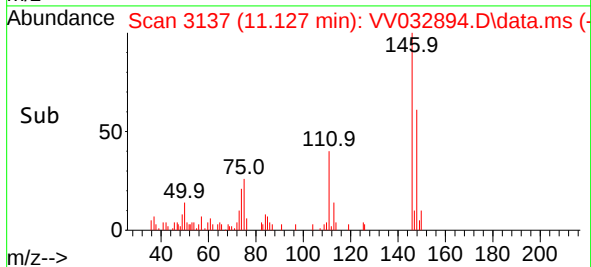
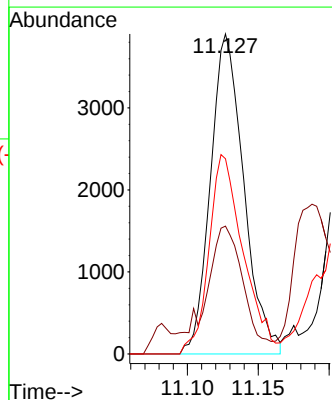
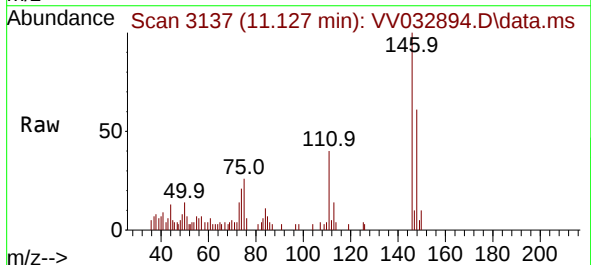
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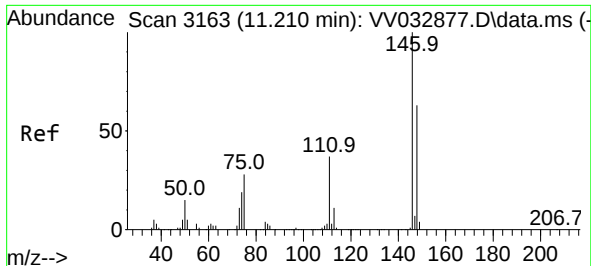
Tgt Ion:164 Resp: 107348
Ion Ratio Lower Upper
164 100
129 94.1 65.3 121.3
131 91.4 65.0 120.8
166 127.5 87.8 163.2



#64
1,3-Dichlorobenzene
Concen: 1.080 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.006 min
Lab File: VV032894.D
Acq: 10 Nov 2023 16:06

Tgt Ion:146 Resp: 6387
Ion Ratio Lower Upper
146 100
111 39.9 27.2 50.4
148 61.0 44.6 82.8

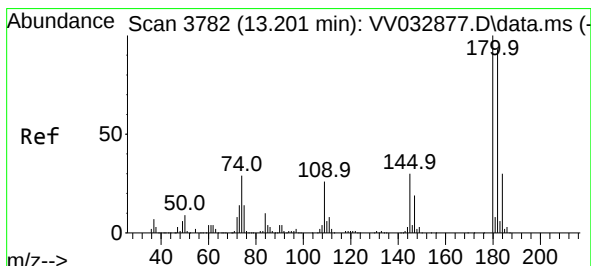
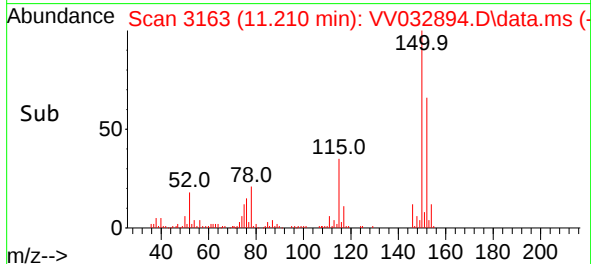
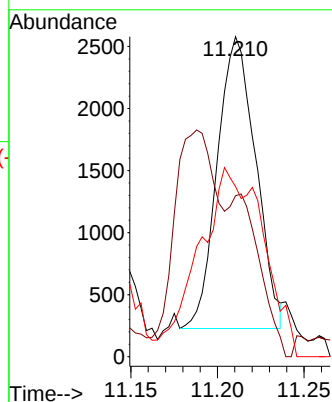
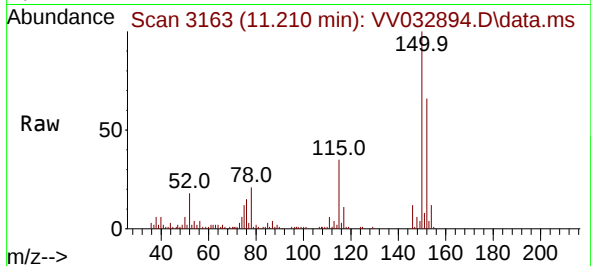




#65
1,4-Dichlorobenzene
Concen: 0.582 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032894.D
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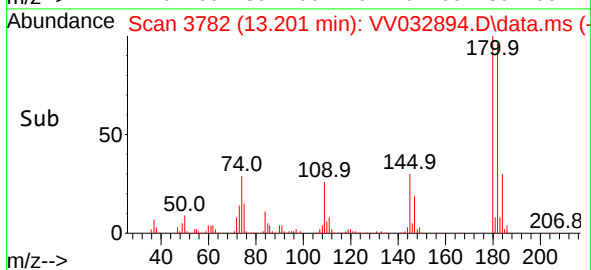
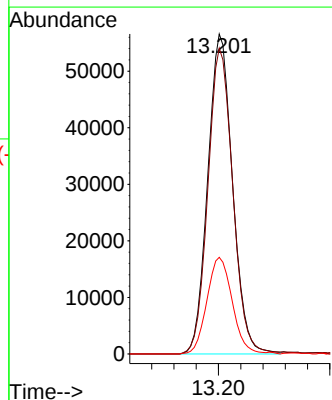
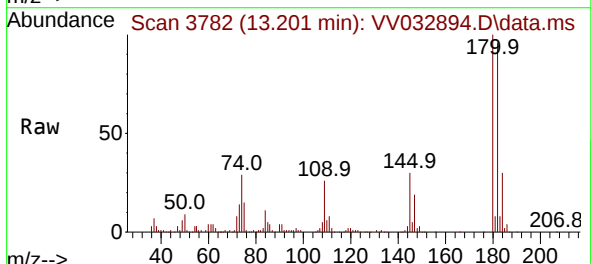
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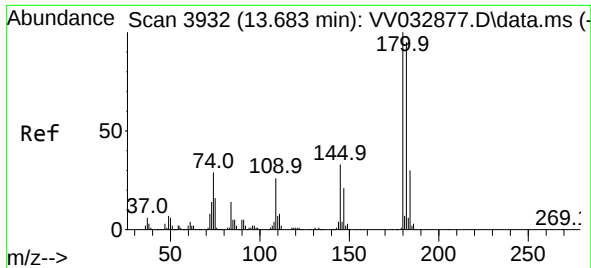
Tgt Ion:146 Resp: 3631
Ion Ratio Lower Upper
146 100
111 50.3 26.5 49.1#
148 53.2 44.9 83.5



#70
1,2,4-trichlorobenzene
Concen: 23.638 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV032894.D
Acq: 10 Nov 2023 16:06

Tgt Ion:180 Resp: 87270
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 30.8 24.7 37.1





#72
 1,2,3-Trichlorobenzene
 Concen: 120.082 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.000 min
 Lab File: VV032894.D
 Acq: 10 Nov 2023 16:06

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3R5

Tgt Ion:180 Resp: 442639
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.2 114.4
 145 32.8 25.8 38.8

