

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121423\
 Data File : VW033370.D
 Acq On : 15 Dec 2023 05:06
 Operator : SY/MD
 Sample : 05802-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F7B46

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/16/2023

Quant Time: Dec 15 06:14:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	178644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	183704	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	110601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33376	31.253	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	62.500%		
7) Chloroethane-d5	1.532	69	28198	37.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.800%		
11) 1,1-Dichloroethene-d2	2.059	65	16136	39.718	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.440%		
21) 2-Butanone-d5	3.783	46	44993m	84.825	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.820%		
24) Chloroform-d	4.249	84	110919	48.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.880%		
26) 1,2-Dichloroethane-d4	4.940	65	77136	54.743	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.480%		
32) Benzene-d6	4.960	84	205674	47.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.740%		
36) 1,2-Dichloropropane-d6	5.985	67	44325	38.370	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	76.740%		
41) Toluene-d8	7.243	98	203600	49.676	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.360%		
43) trans-1,3-Dichloroprop...	7.551	79	31589	43.244	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.480%		
47) 2-Hexanone-d5	8.021	63	45415	97.859	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.860%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	83775	51.015	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.020%		
66) 1,2-Dichlorobenzene-d4	11.561	152	114126	57.995	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	116.000%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.818	96	10601	8.496	ug/L	83
27) 1,2-Dichloroethane	5.046	62	7463m	4.219	ug/L	
46) Tetrachloroethene	7.908	164	1345	1.125	ug/L #	69
51) Chlorobenzene	8.818	112	5026	1.362	ug/L	90
64) 1,3-Dichlorobenzene	11.123	146	3574	1.049	ug/L	92
65) 1,4-Dichlorobenzene	11.213	146	8172	2.309	ug/L	90
67) 1,2-Dichlorobenzene	11.580	146	12553	3.758	ug/L	97

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

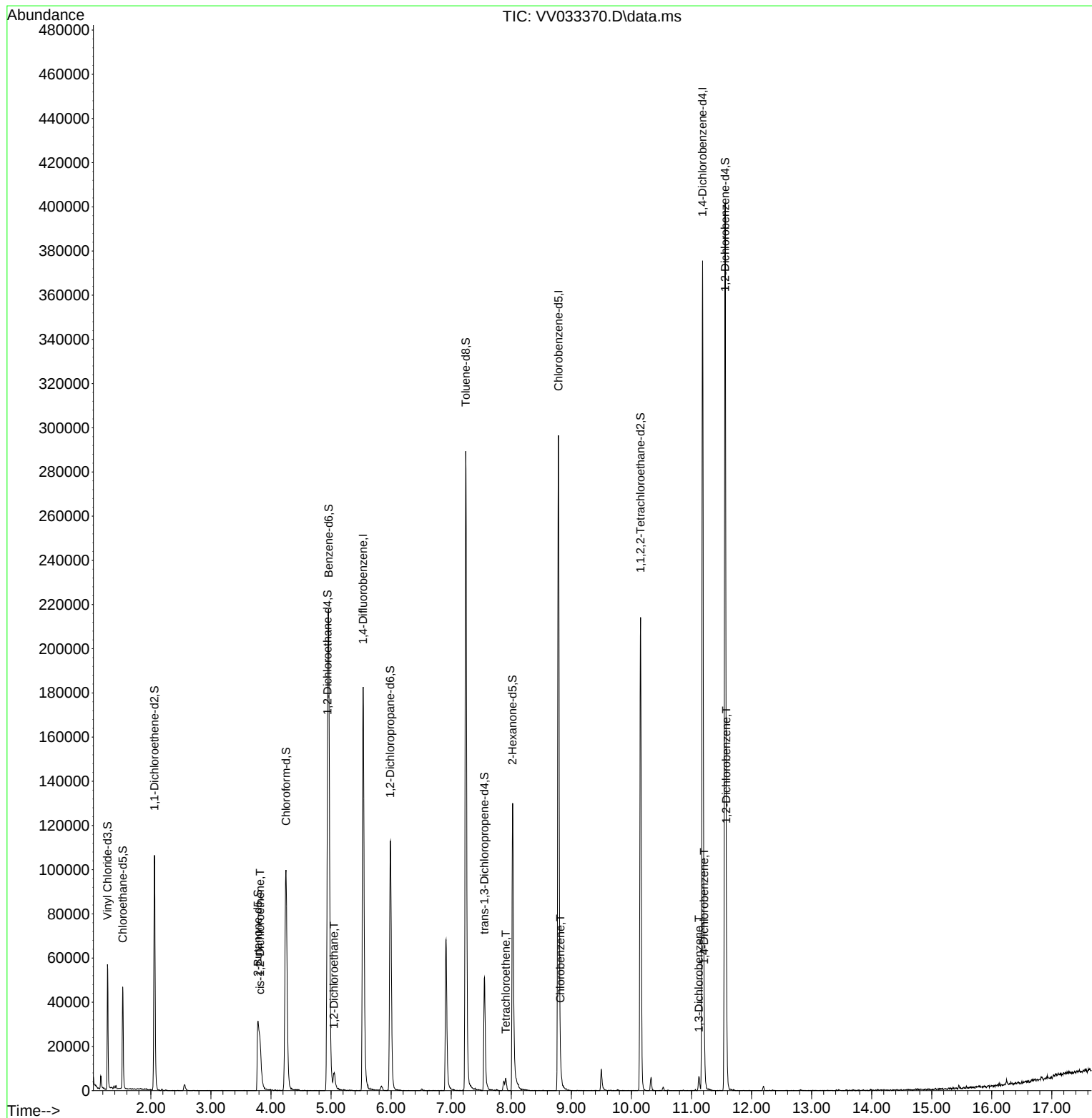
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121423\
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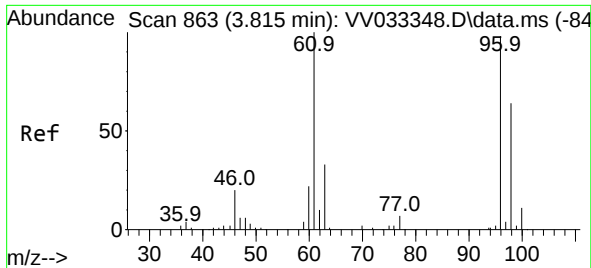
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Quant Time: Dec 15 06:14:55 2023
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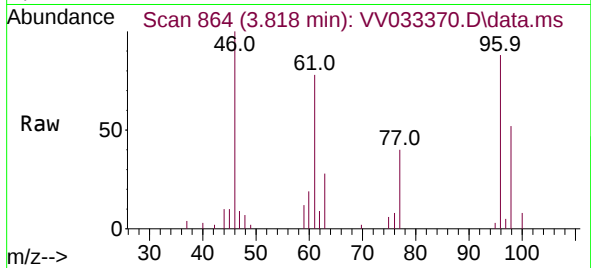
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Supervised By :Mahesh Dadoda 12/16/2023





#20
cis-1,2-Dichloroethene
Concen: 8.496 ug/L
RT: 3.818 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

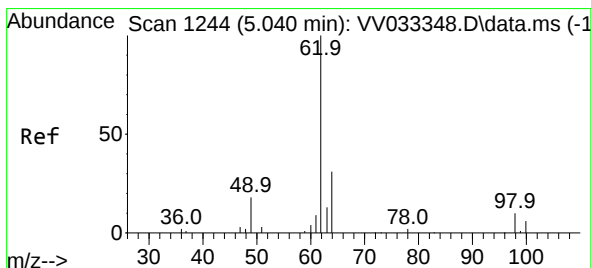
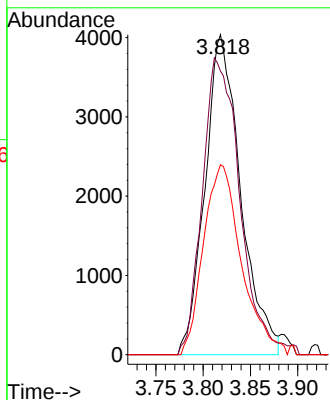
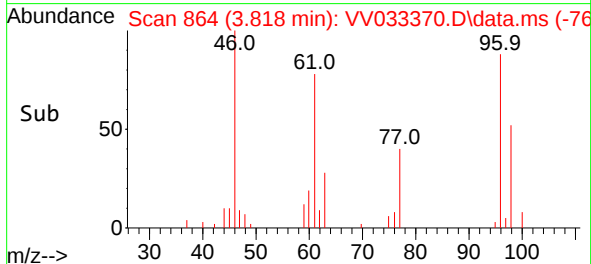
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ClientSampleId :
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Tgt Ion: 96 Resp: 1060
Ion Ratio Lower Upper
96 100
61 88.7 79.1 146.9
98 59.4 45.1 83.7

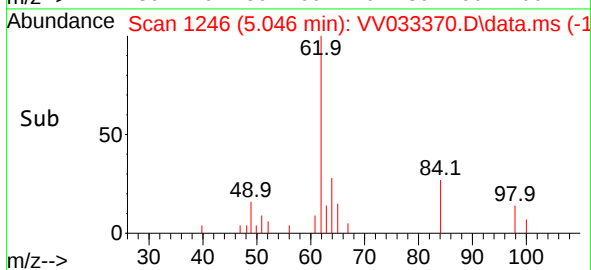
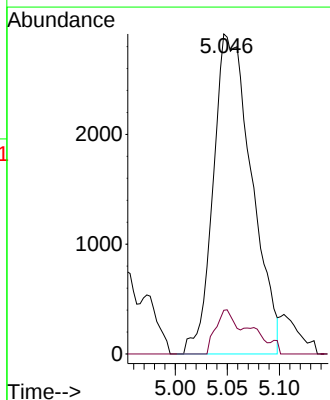
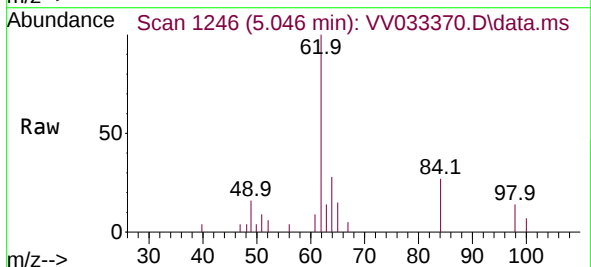
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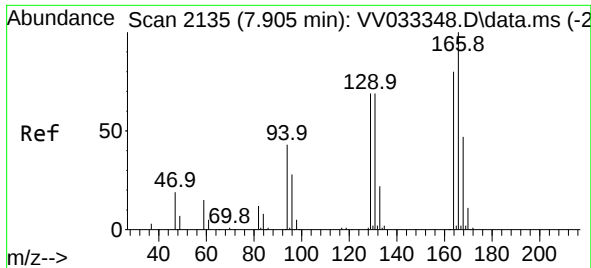
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#27
1,2-Dichloroethane
Concen: 4.219 ug/L m
RT: 5.046 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

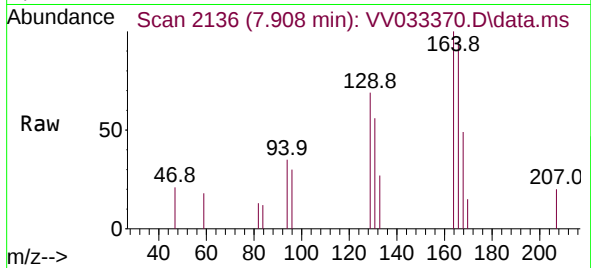
Tgt Ion: 62 Resp: 7463
Ion Ratio Lower Upper
62 100
98 13.7 7.8 11.8#





#46
Tetrachloroethene
Concen: 1.125 ug/L
RT: 7.908 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

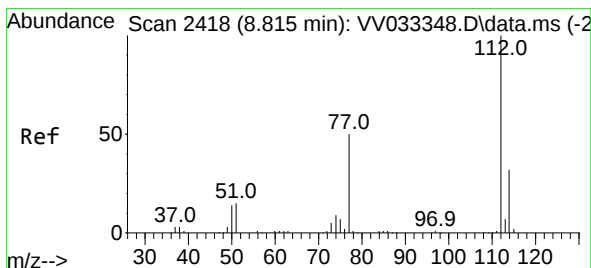
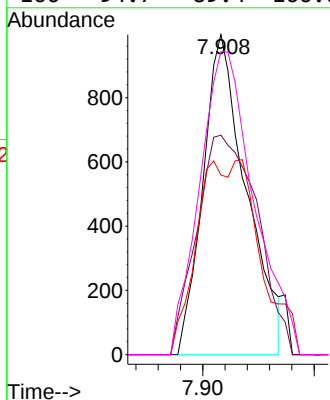
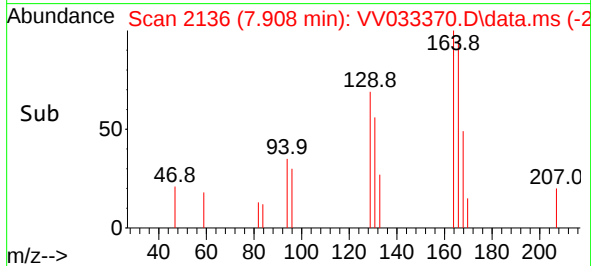
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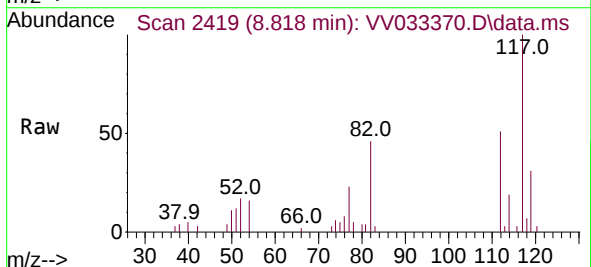
Tgt Ion:164 Resp: 1349
Ion Ratio Lower Upper
164 100
129 68.6 65.6 121.8
131 56.1 64.7 120.1
166 94.7 89.4 166.0

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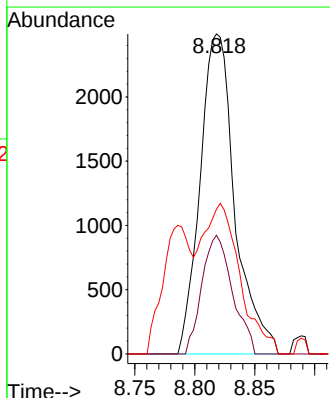
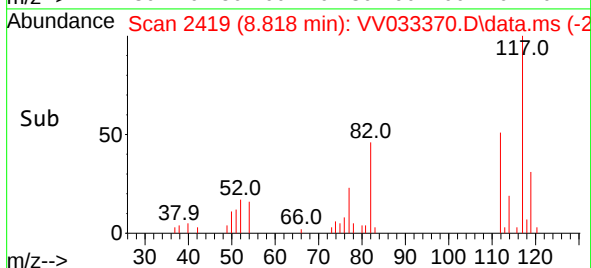
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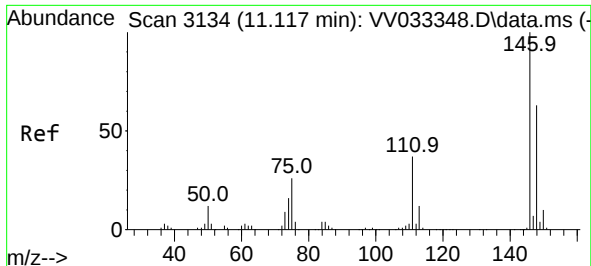


#51
Chlorobenzene
Concen: 1.362 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06



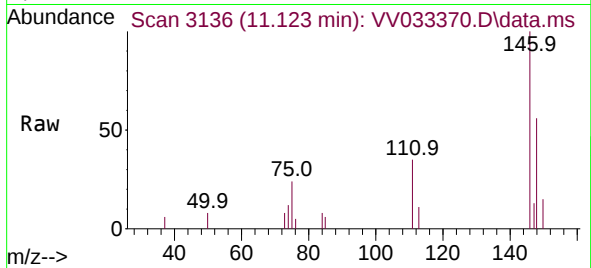
Tgt Ion:112 Resp: 5026
Ion Ratio Lower Upper
112 100
114 37.1 22.9 42.5
77 45.2 42.6 64.0





#64
1,3-Dichlorobenzene
Concen: 1.049 ug/L
RT: 11.123 min Scan# 3113
Delta R.T. 0.006 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

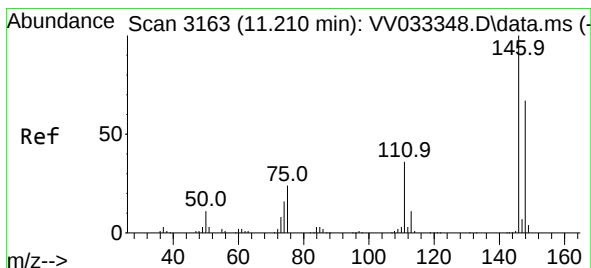
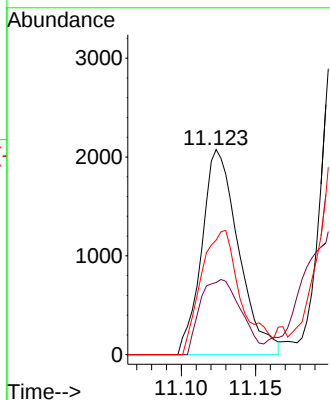
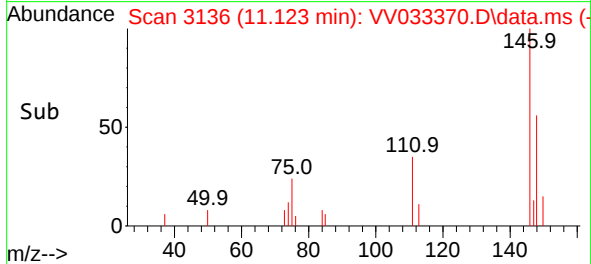
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ClientSampleId :
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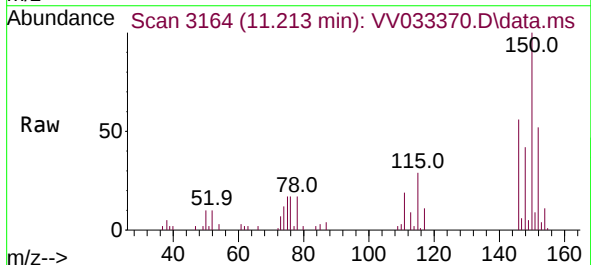
Tgt Ion:146 Resp: 3574
Ion Ratio Lower Upper
146 100
111 35.2 26.2 48.6
148 55.8 44.5 82.7

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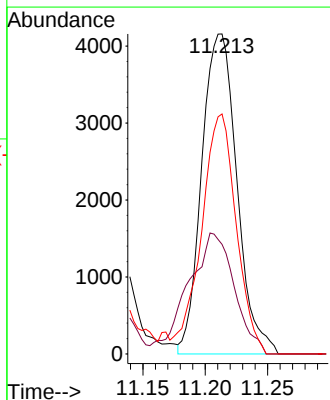
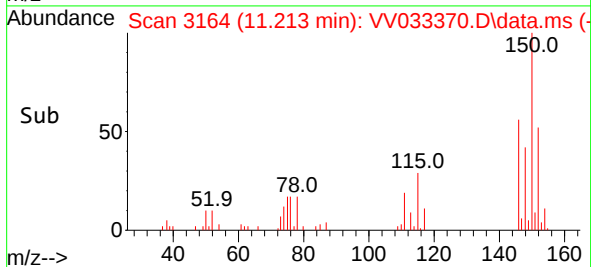
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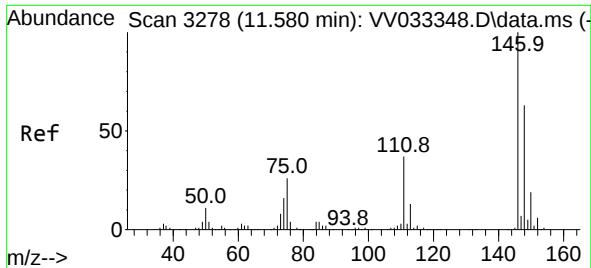


#65
1,4-Dichlorobenzene
Concen: 2.309 ug/L
RT: 11.213 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06



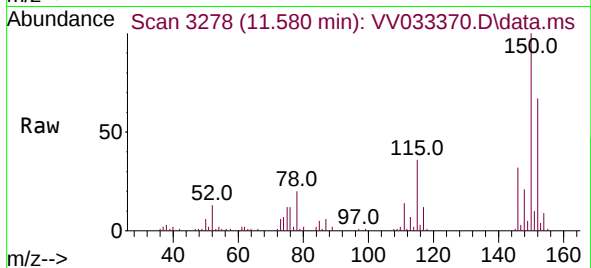
Tgt Ion:146 Resp: 8172
Ion Ratio Lower Upper
146 100
111 34.2 25.9 48.1
148 75.0 44.9 83.5





#67
 1,2-Dichlorobenzene
 Concen: 3.758 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033370.D
 Acq: 15 Dec 2023 05:06

Instrument :
 MSVOA_V
 ClientSampleId :
 F7B46



Tgt Ion:146 Resp: 1255
 Ion Ratio Lower Upper
 146 100
 111 44.2 32.4 48.6
 148 65.5 51.8 77.8

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