

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032710.D
 Acq On : 28 Oct 2023 02:13
 Operator : SY/MD
 Sample : 05055-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A49Q4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/30/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 28 05:10:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	134226	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	152945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48216	4.374	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	87.400%		
7) Chloroethane-d5	1.535	69	45859m	4.895	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	98.000%		
11) 1,1-Dichloroethene-d2	2.059	65	20923	4.228	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	84.600%		
20) 2-Butanone-d5	3.802	46	91021	38.236	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	76.480%		
24) Chloroform-d	4.252	84	88895	4.857	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.200%		
26) 1,2-Dichloroethane-d4	4.950	65	45146	4.996	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.000%		
32) Benzene-d6	4.963	84	175890	4.830	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.600%		
36) 1,2-Dichloropropane-d6	5.992	67	55762	5.288	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	105.800%		
41) Toluene-d8	7.246	98	162523	4.403	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.000%		
43) trans-1,3-Dichloroprop...	7.561	79	18672	4.013	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.200%		
46) 2-Hexanone-d5	8.030	63	73284	39.742	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	79.480%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	42328	4.514	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.200%		
66) 1,2-Dichlorobenzene-d4	11.564	152	56788	5.188	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	103.800%		
Target Compounds						
3) Chloromethane	1.217	50	2591	0.159	ug/L	97
5) Vinyl chloride	1.285	62	3667	0.227	ug/L #	68
19) 1,1-Dichloroethane	3.117	63	5865	0.279	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	10828	0.900	ug/L	95
29) 1,1,1-Trichloroethane	4.519	97	11506	0.583	ug/L	97

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

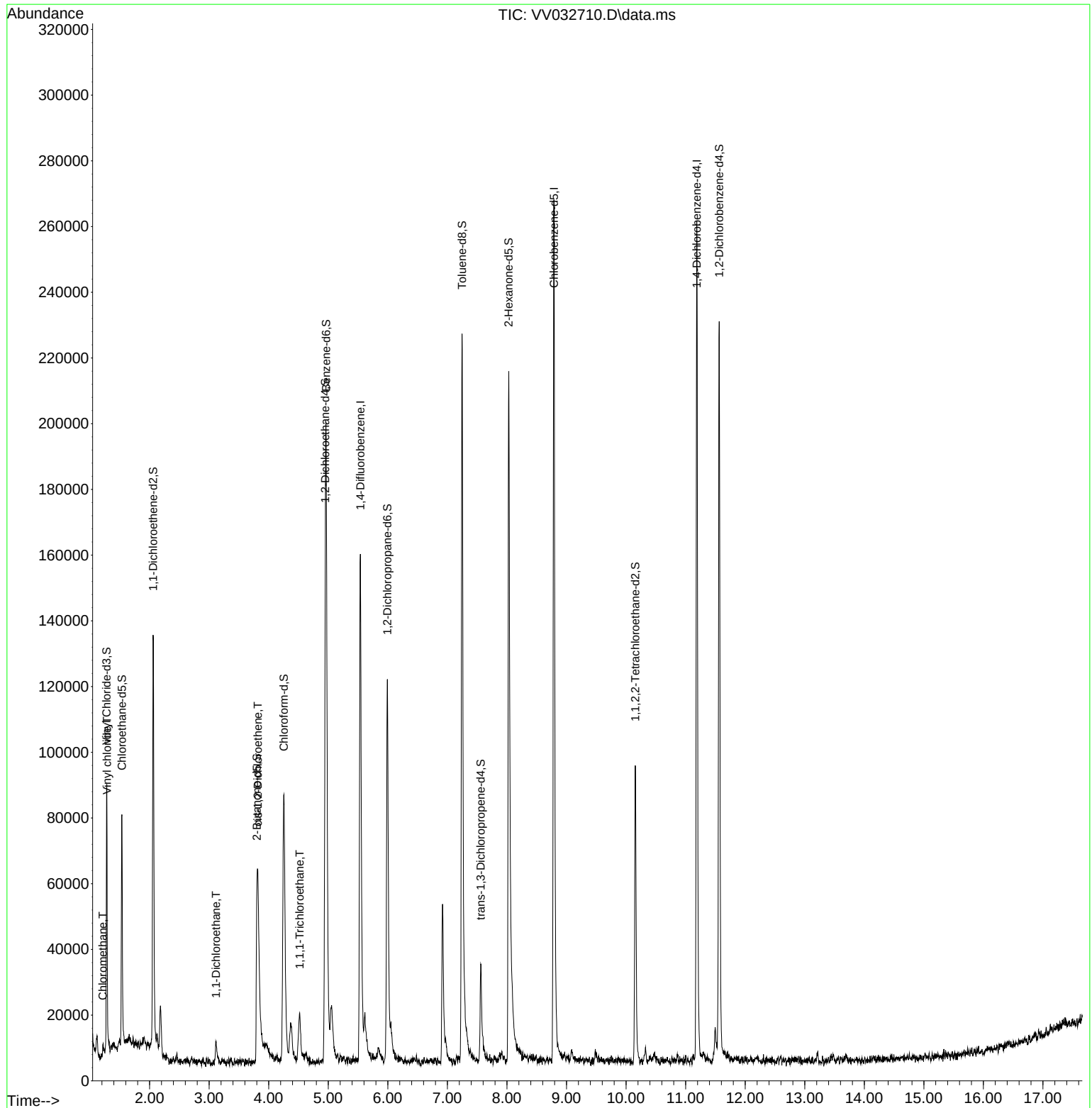
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
Data File : VV032710.D
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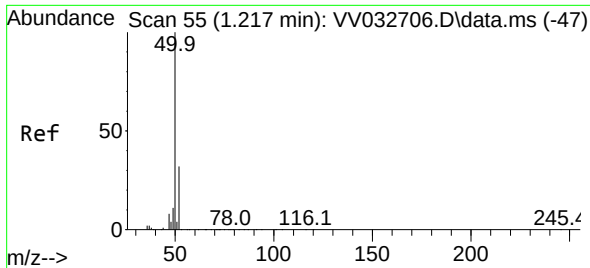
Instrument :
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Quant Time: Oct 28 05:10:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 28 02:08:41 2023
Response via : Initial Calibration

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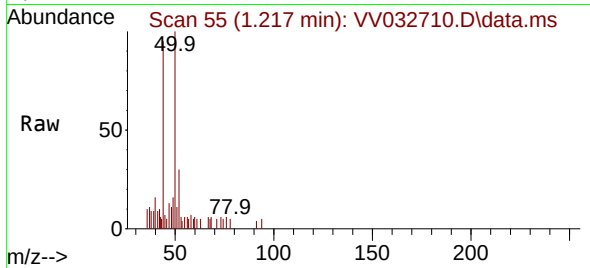
Reviewed By : John Carlone 10/30/2023
Supervised By : Mahesh Dadoda 10/31/2023





#3
Chloromethane
Concen: 0.159 ug/L
RT: 1.217 min Scan# 50
Delta R.T. 0.000 min
Lab File: VV032710.D
Acq: 28 Oct 2023 02:13

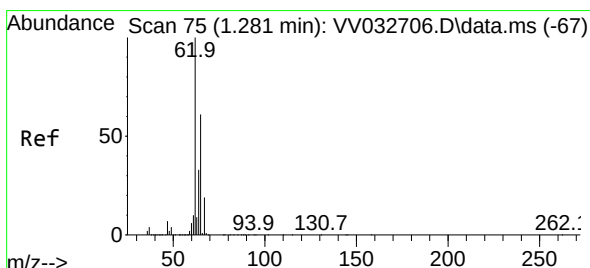
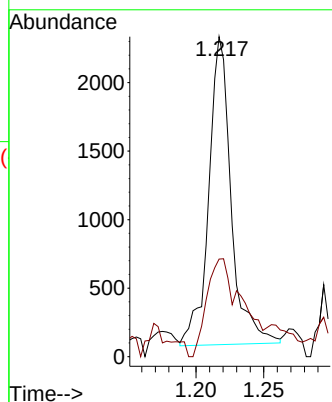
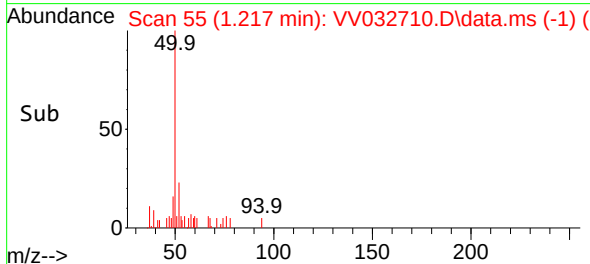
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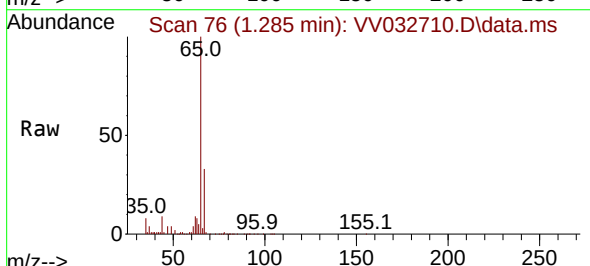
Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 30.5 22.3 41.5

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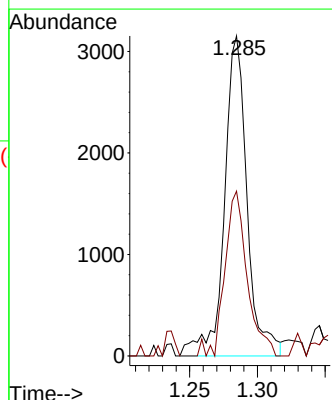
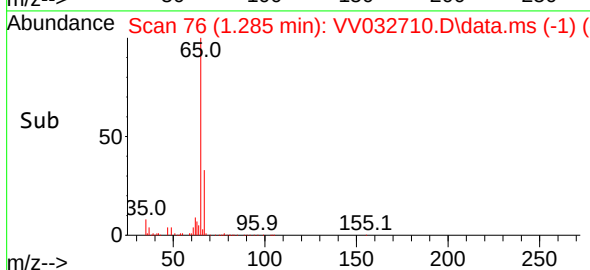
Reviewed By :John Carlone 10/30/2023
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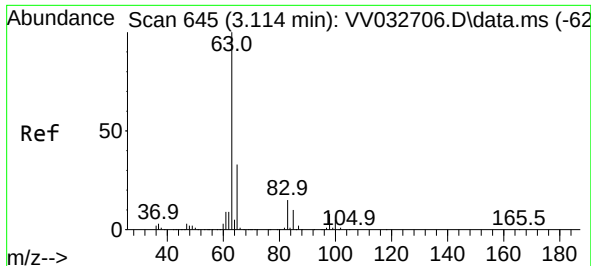


#5
Vinyl chloride
Concen: 0.227 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV032710.D
Acq: 28 Oct 2023 02:13



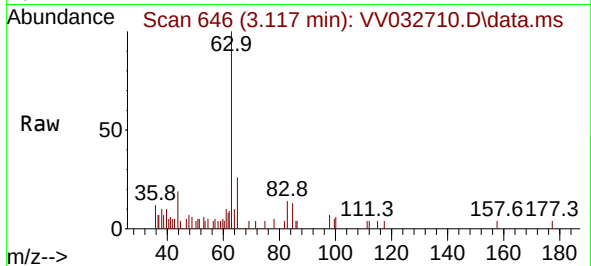
Tgt Ion: 62 Resp: 3667
Ion Ratio Lower Upper
62 100
64 51.5 23.2 43.0#





#19
1,1-Dichloroethane
Concen: 0.279 ug/L
RT: 3.117 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV032710.D
Acq: 28 Oct 2023 02:13

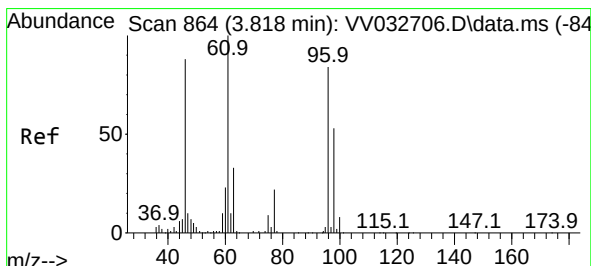
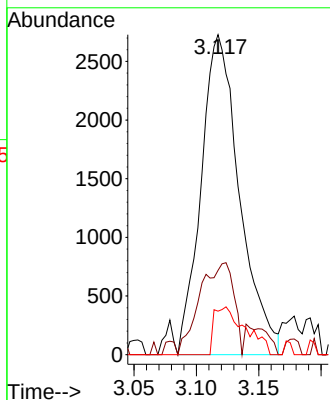
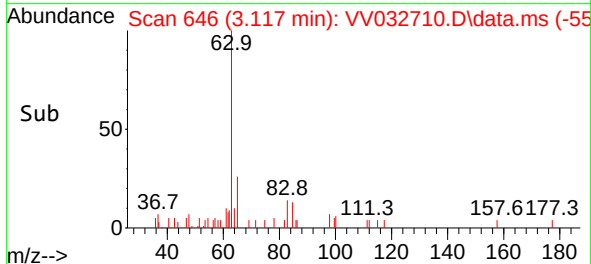
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Tgt Ion: 63 Resp: 586
Ion Ratio Lower Upper
63 100
65 26.4 21.5 39.9
83 13.6 9.2 17.0

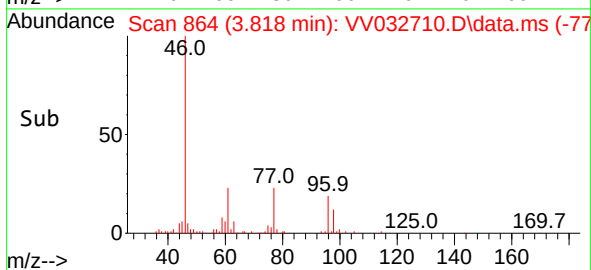
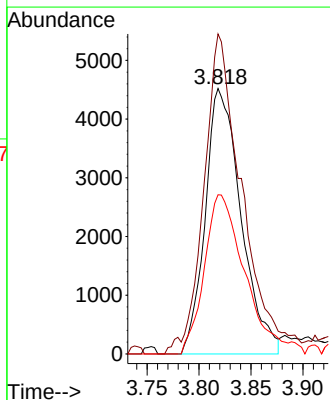
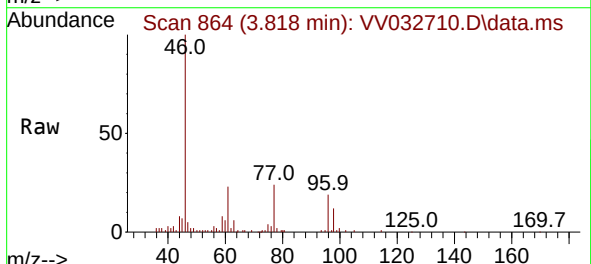
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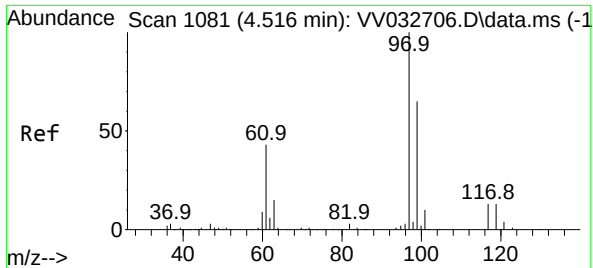
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#22
cis-1,2-Dichloroethene
Concen: 0.900 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.000 min
Lab File: VV032710.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 96 Resp: 10828
Ion Ratio Lower Upper
96 100
61 120.6 87.7 162.9
98 60.0 45.0 83.6





#29
 1,1,1-Trichloroethane
 Concen: 0.583 ug/L
 RT: 4.519 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VV032710.D
 Acq: 28 Oct 2023 02:13

Instrument :
 MSVOA_V
 ClientSampleId :
 A49Q4

Tgt Ion: 97	Resp: 11500
Ion Ratio	Lower Upper
97 100	
99 62.2	51.4 77.0
61 47.1	36.1 54.1

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