Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029165.D
Acq On : 19 Nov 2022 12:58
Operator : SY/MD
Sample : N5687-20RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGCE5RE

Quant Time: Nov 20 00:57:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 00:53:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	318605	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	292632	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	136854	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount 5.000	Range 40 - 130		Recovery = 0.000%#			
7) Chloroethane-d5	1.568	69	85058	4.981	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 99.600%			
11) 1,1-Dichloroethene-d2	2.105	63	80753	2.281	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 45.600%#			
20) 2-Butanone-d5	3.908	46	110678	34.040	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 68.080%			
24) Chloroform-d	4.343	84	180947	4.537	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
26) 1,2-Dichloroethane-d4	5.027	65	81919	4.566	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.047	84	386357	4.423	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.066	67	114870	4.710	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.200%			
41) Toluene-d8	7.313	98	79757	1.014	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 20.200%#			
43) trans-1,3-Dichloroprop...	7.625	79	13594	1.709	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 34.200%#			
46) 2-Hexanone-d5	8.088	63	142558	41.984	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.960%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77285	4.570	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	11.616	152	118404	4.836	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	7100	0.322	ug/L	98
38) Bromodichloromethane	6.513	83	6285	0.241	ug/L #	98
49) Dibromochloromethane	8.243	129	12091	0.741	ug/L	92
59) Bromoform	9.728	173	8727	1.170	ug/L	98

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

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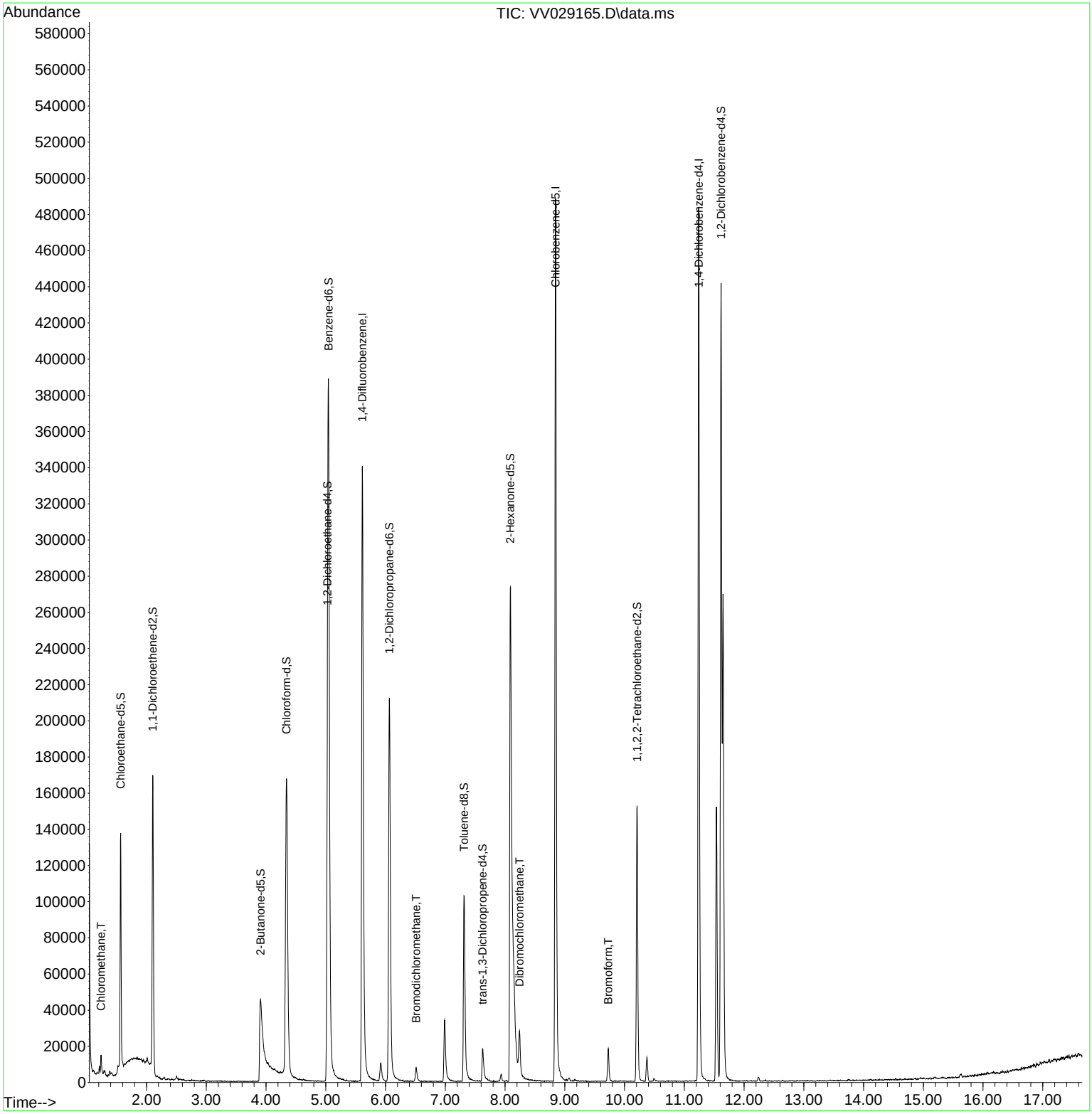
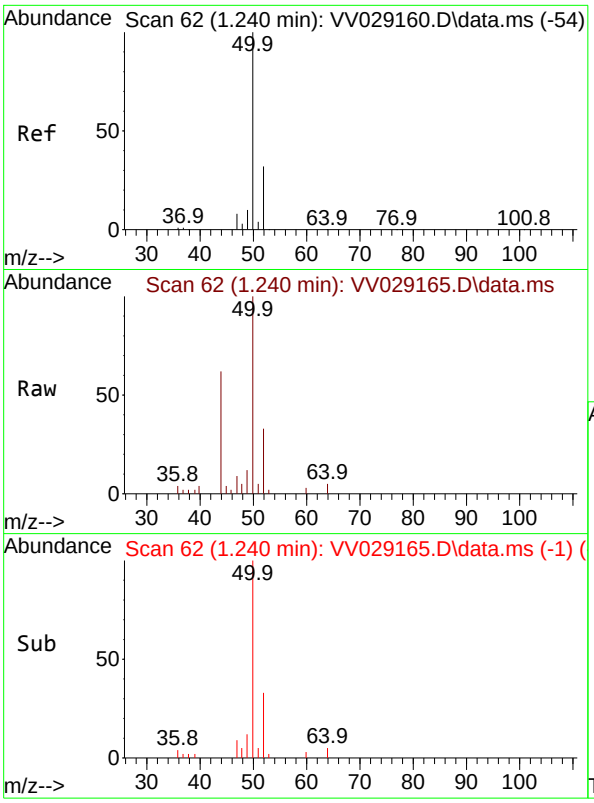


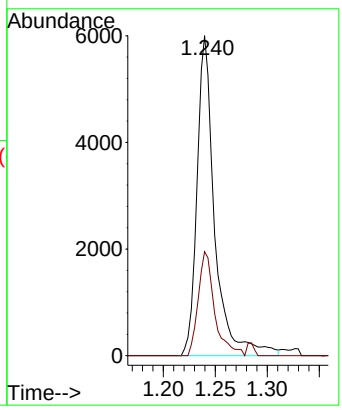


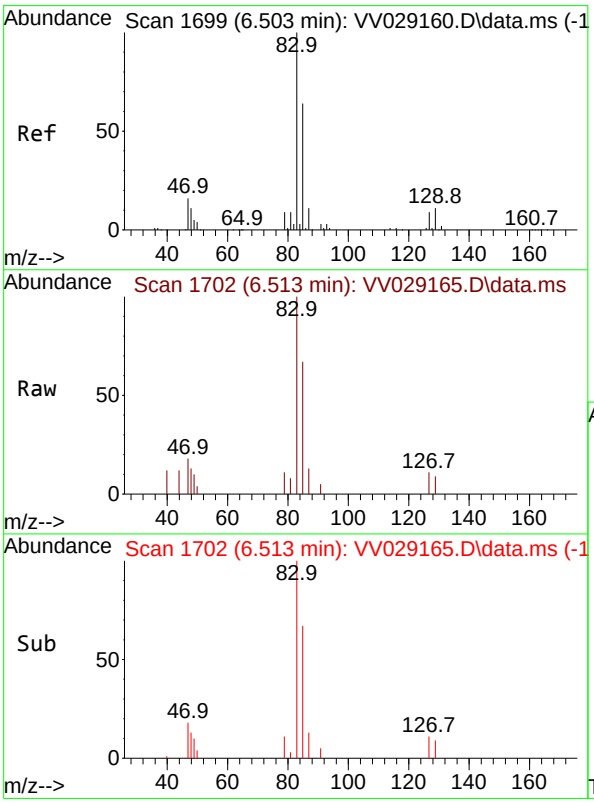
#3
Chloromethane
Concen: 0.322 ug/L
RT: 1.240 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

Instrument :
MSVOA_V
ClientSampleId :
BGCE5RE

Tgt Ion: 50 Resp: 7100

Ion	Ratio	Lower	Upper
50	100		
52	32.5	23.7	43.9

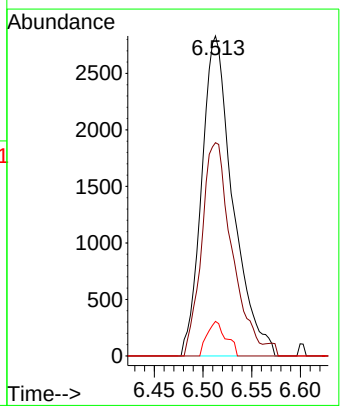


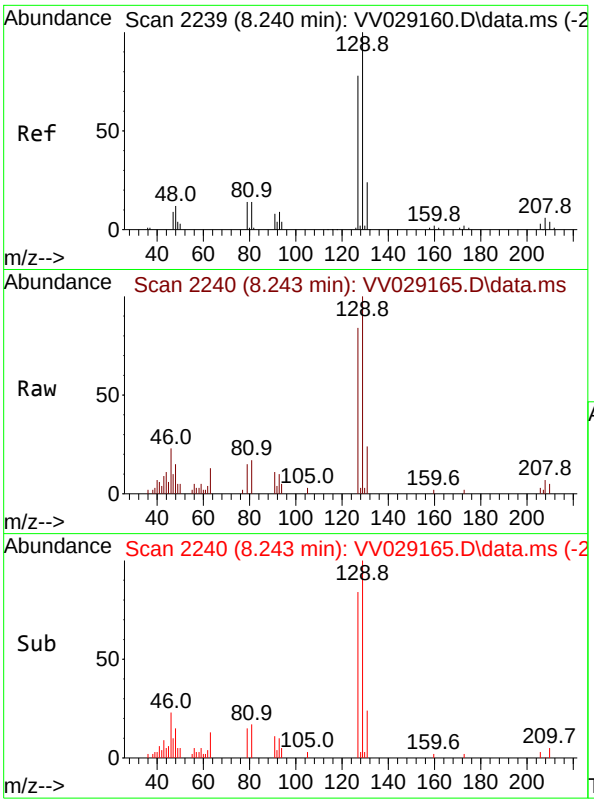


#38
Bromodichloromethane
Concen: 0.241 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.010 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

Tgt Ion: 83 Resp: 6285

Ion	Ratio	Lower	Upper
83	100		
85	66.7	46.1	85.5
127	10.8	6.7	10.1#



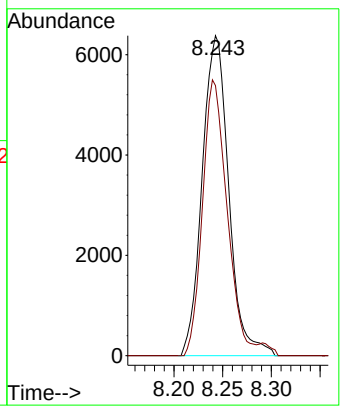


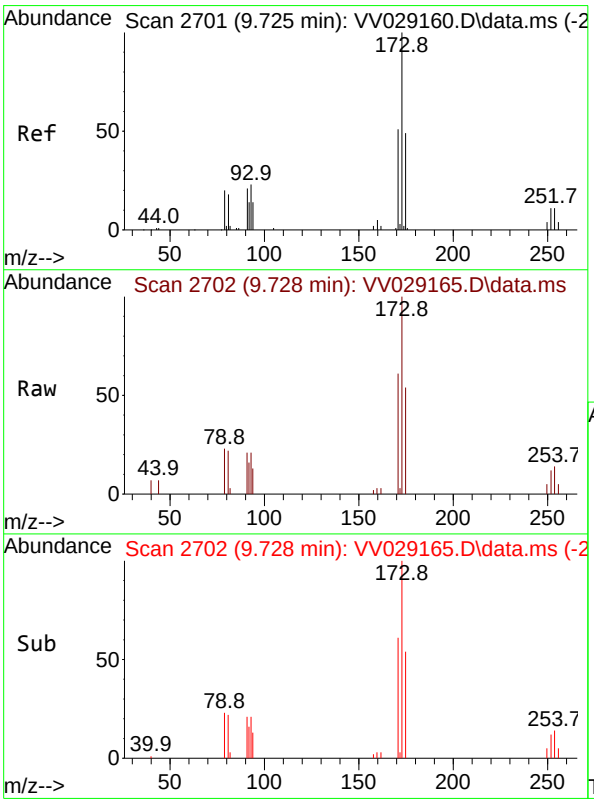
#49
Dibromochloromethane
Concen: 0.741 ug/L
RT: 8.243 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

Instrument :
MSVOA_V
ClientSampleId :
BGCE5RE

Tgt Ion:129 Resp: 12091

Ion	Ratio	Lower	Upper
129	100		
127	84.4	54.5	101.1





#59
Bromoform
Concen: 1.170 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV029165.D
Acq: 19 Nov 2022 12:58

Tgt Ion:173 Resp: 8727

Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.2	57.4
254	10.7	8.5	12.7