Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052720\
Data File : VV016235.D
Acq On : 27 May 2020 18:05
Operator : SY/MD
Sample : L2754-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAXA3

Quant Time: May 28 05:09:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 01:17:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	89977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	88316	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	39160	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25813	4.47	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.40%			
7) Chloroethane-d5	1.58	69	22922	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.13	63	36166	3.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.60%			
20) 2-Butanone-d5	3.94	46	73120	51.01	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.02%			
24) Chloroform-d	4.38	84	51067	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
26) 1,2-Dichloroethane-d4	5.06	65	28611	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.08	84	101657	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.10	67	32318	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.34	98	89945	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
45) trans-1,3-Dichloropropene-	7.65	79	10691	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
48) 2-Hexanone-d5	8.12	63	51729	44.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.42%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22037	4.41	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.20%			
65) 1,2-Dichlorobenzene-d4	11.65	152	31300	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	3352	0.425	ug/L	88
18) trans-1,2-Dichloroethene	2.78	96	11908	2.050	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	153351	22.326	ug/L	98
25) Chloroform	4.41	83	2048	0.175	ug/L	89
33) Benzene	5.13	78	2170	0.085	ug/L	100
34) Trichloroethene	5.94	95	182440	27.556	ug/L	97
49) Tetrachloroethene	8.00	164	535029	112.561	ug/L	97

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

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Quant Title : TRACE VOA SOM01.0
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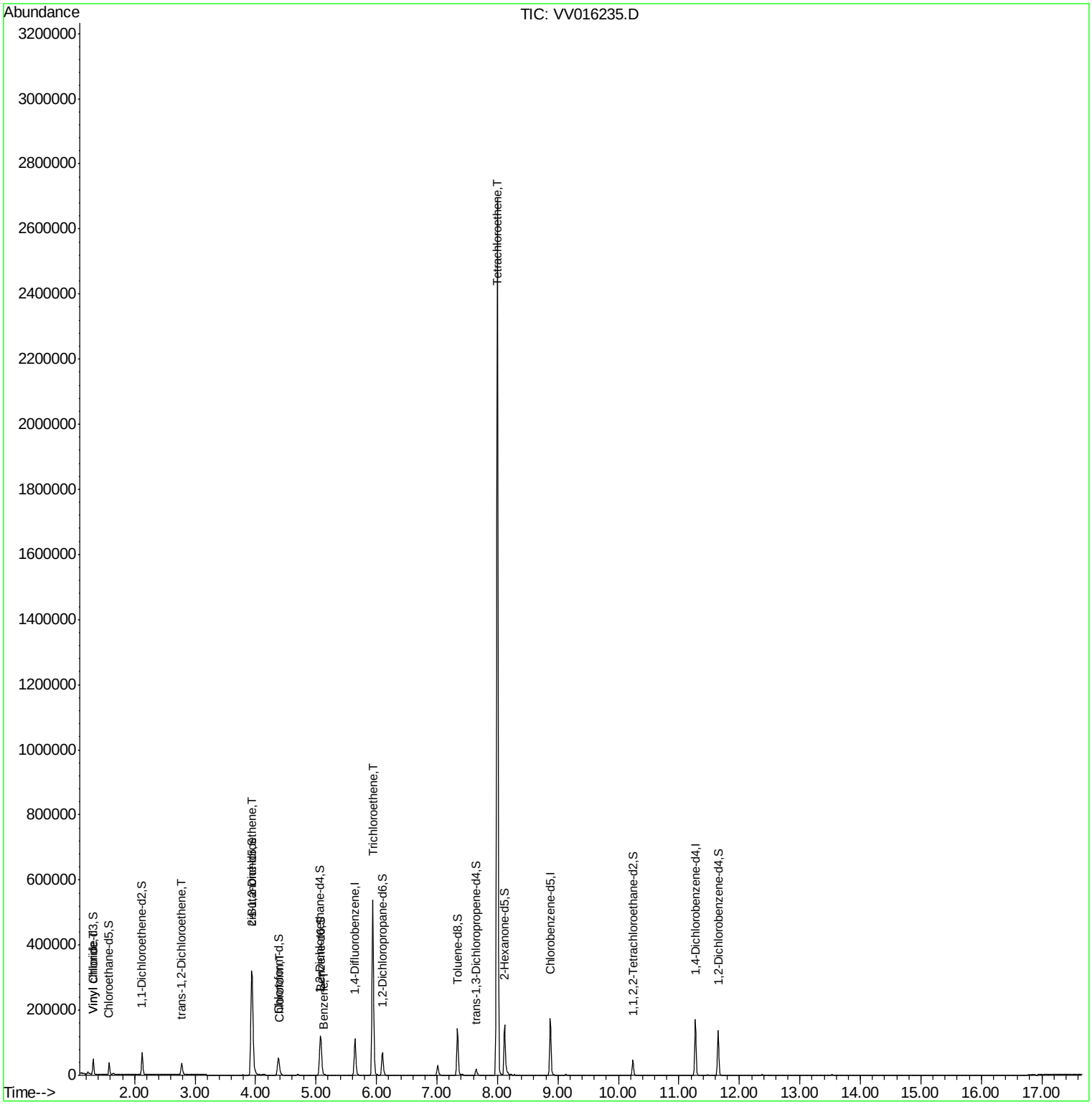
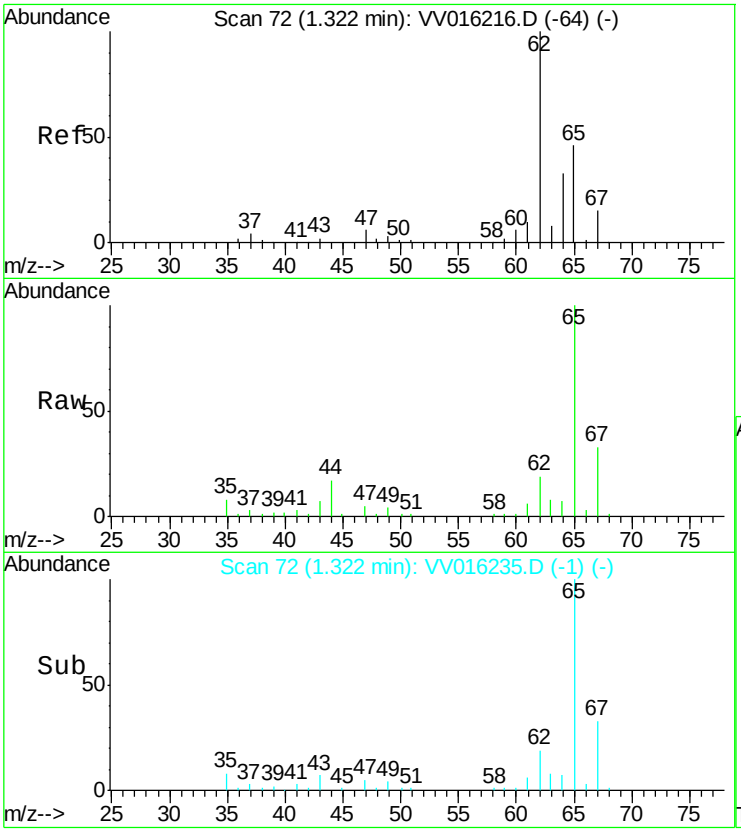


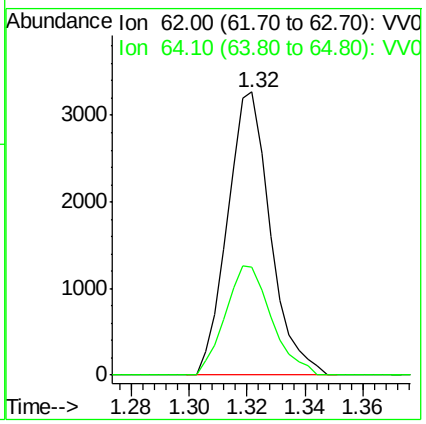


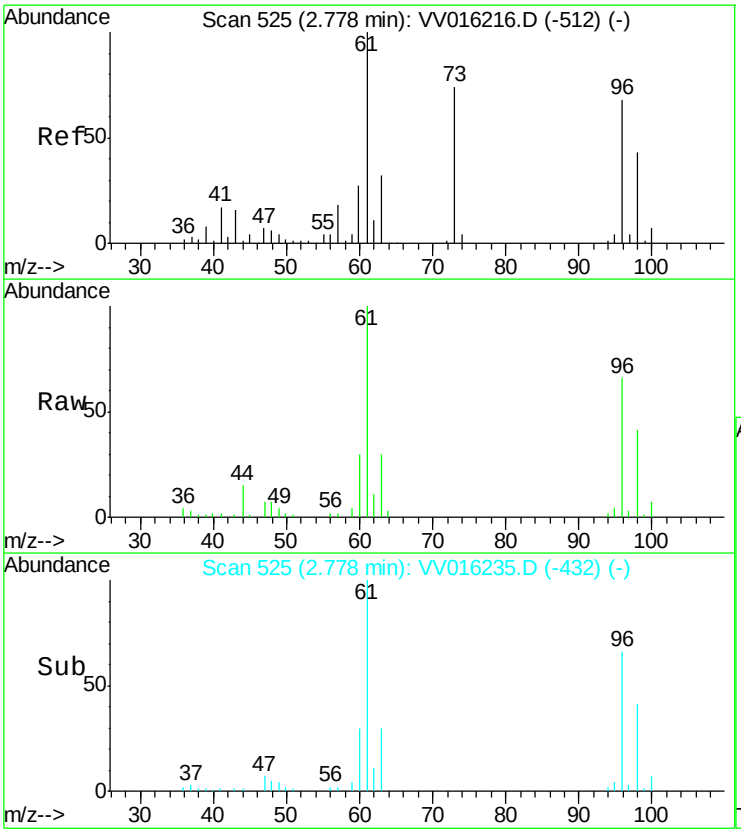
#5
Vinyl chloride
Concen: 0.425 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV016235.D
Acq: 27 May 2020 18:05

Instrument :
MSVOA_V
ClientSampleId :
GAXA3

Tgt Ion: 62 Resp: 3352

Ion	Ratio	Lower	Upper
62	100		
64	38.1	22.1	41.1

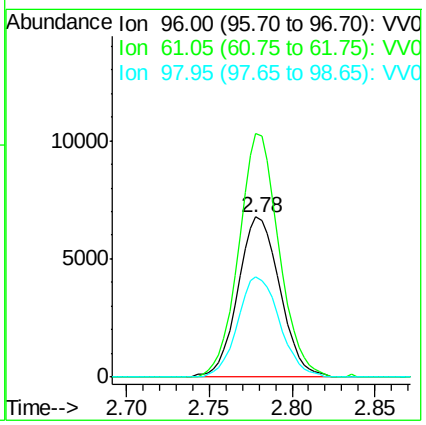


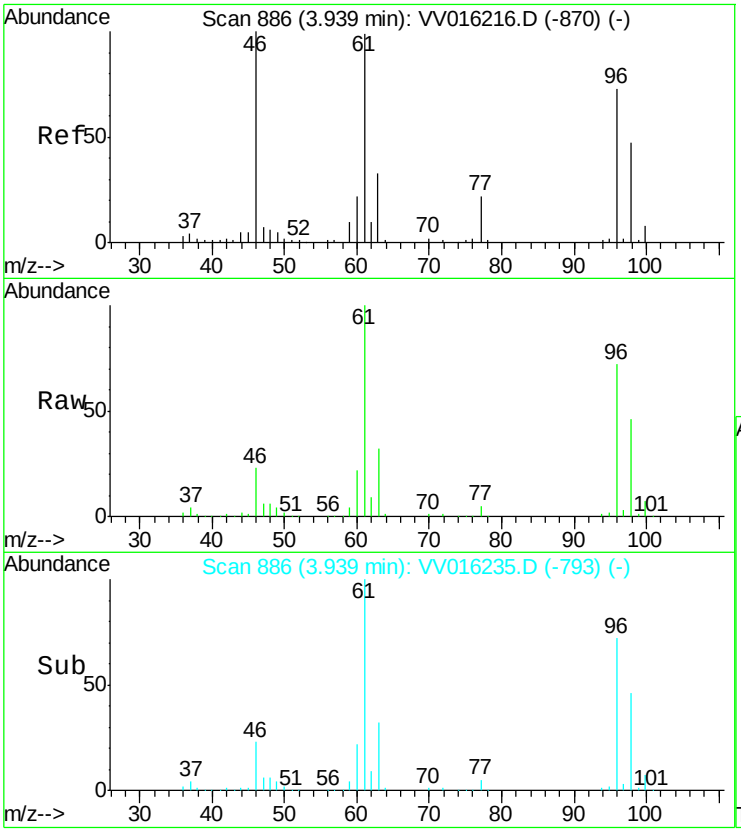


#18
trans-1,2-Dichloroethene
Concen: 2.050 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV016235.D
Acq: 27 May 2020 18:05

Tgt Ion: 96 Resp: 11908

Ion	Ratio	Lower	Upper
96	100		
61	152.1	99.8	185.4
98	62.3	44.0	81.6



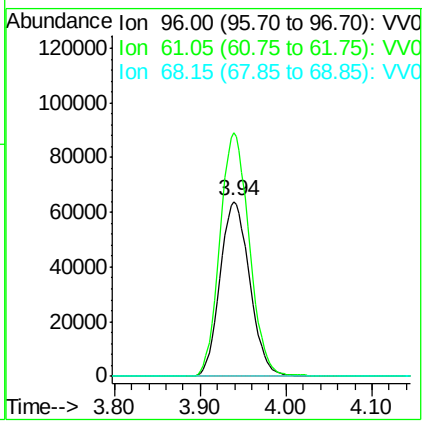


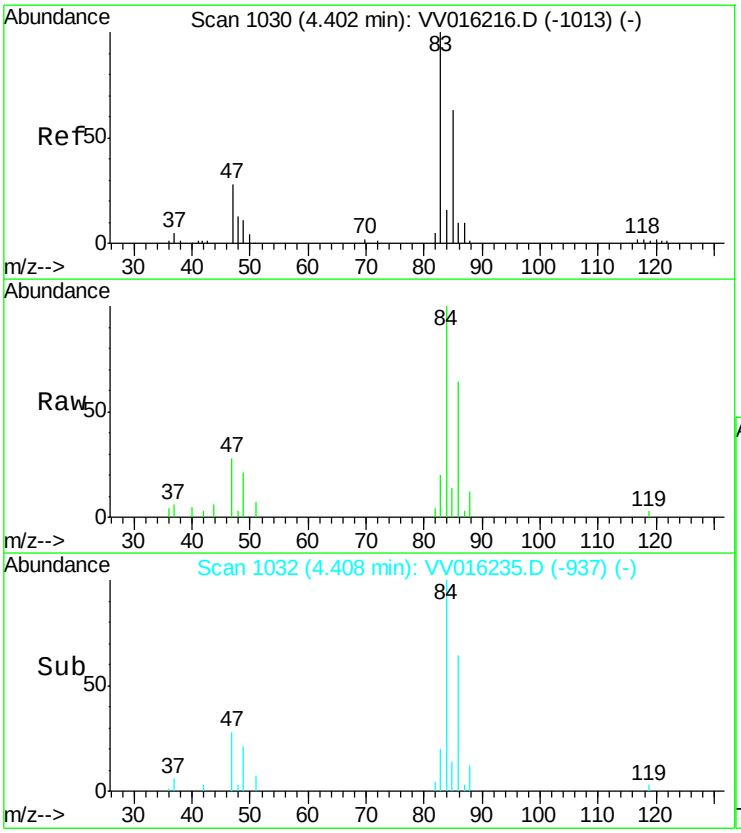
#22
cis-1,2-Dichloroethene
Concen: 22.326 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016235.D
Acq: 27 May 2020 18:05

Instrument :
MSVOA_V
ClientSampleId :
GAXA3

Tgt Ion: 96 Resp: 153351

Ion	Ratio	Lower	Upper
96	100		
61	139.3	99.7	185.1
68	0.0	0.0	0.0

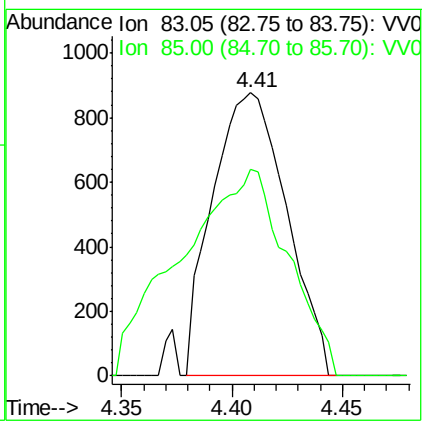


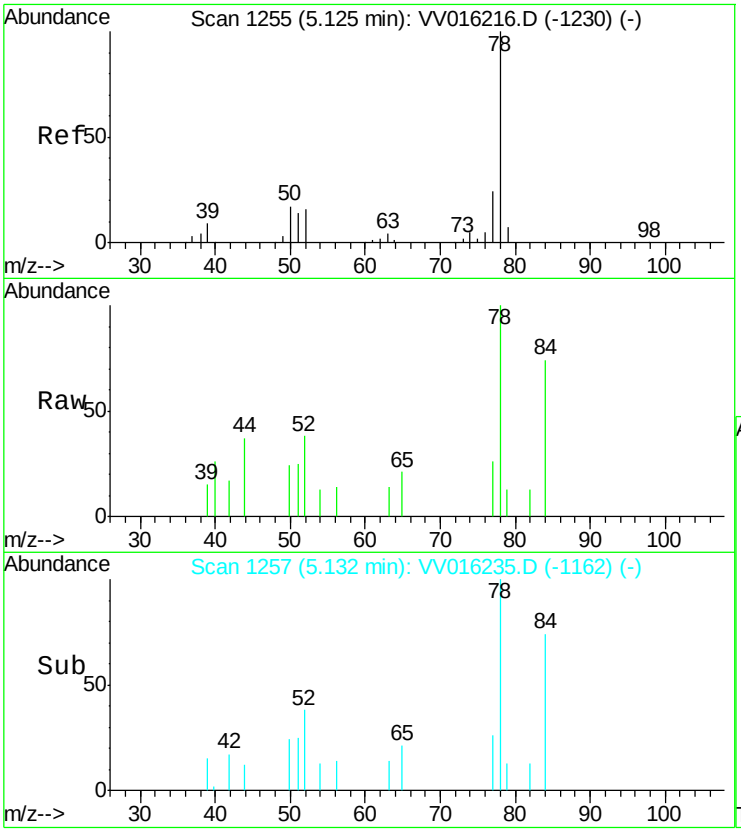


#25
Chloroform
Concen: 0.175 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016235.D
Acq: 27 May 2020 18:05

Tgt Ion: 83 Resp: 2048

Ion	Ratio	Lower	Upper
83	100		
85	72.9	45.1	83.7

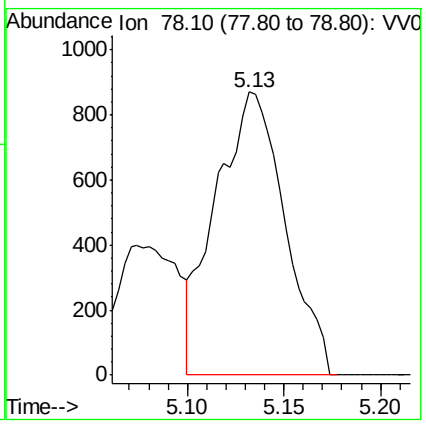


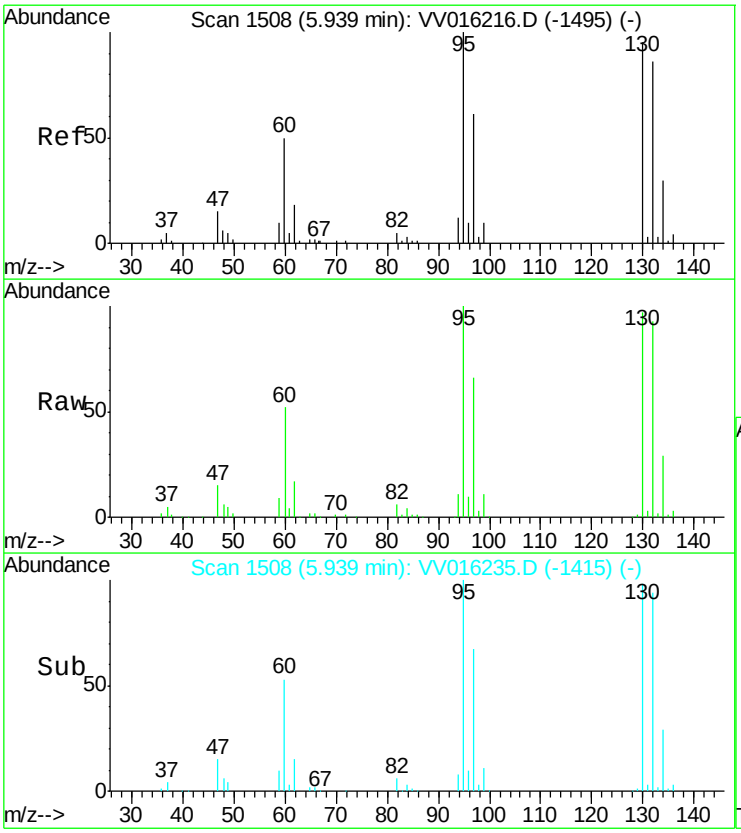


#33
Benzene
Concen: 0.085 ug/L
RT: 5.13 min Scan# 1257
Delta R.T. 0.01 min
Lab File: VV016235.D
Acq: 27 May 2020 18:05

Instrument :
MSVOA_V
ClientSampleId :
GAXA3

Tgt Ion: 78 Resp: 2170

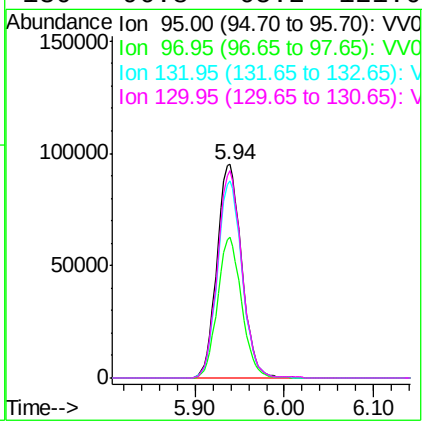


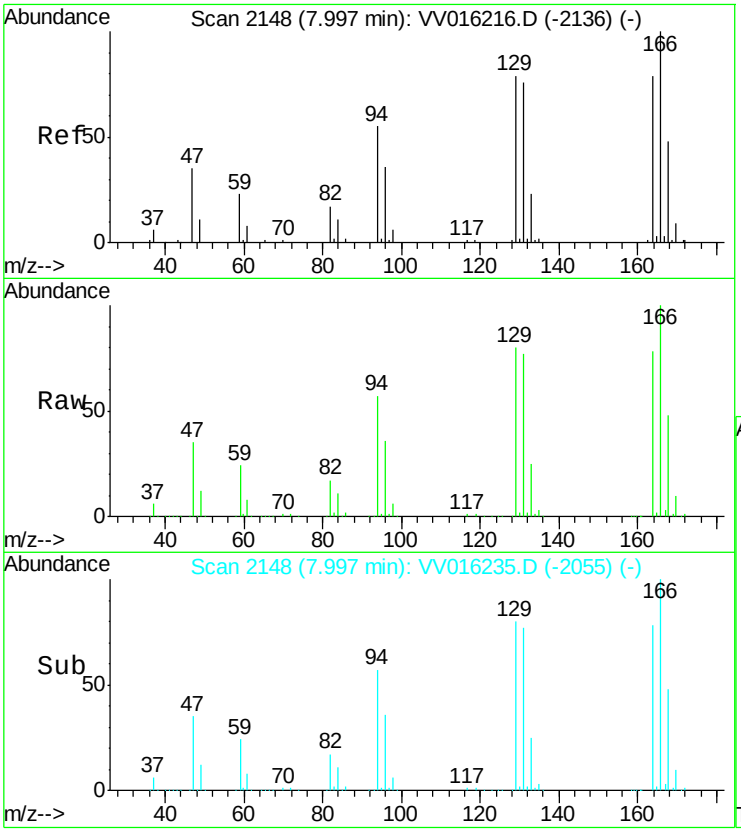


#34
Trichloroethene
Concen: 27.556 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VV016235.D
Acq: 27 May 2020 18:05

Tgt Ion: 95 Resp: 182440

Ion	Ratio	Lower	Upper
95	100		
97	65.9	43.6	81.0
132	92.6	63.9	118.7
130	96.8	65.2	121.0

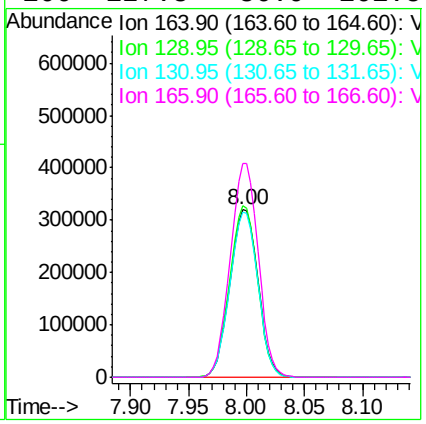




#49
Tetrachloroethene
Concen: 112.561 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016235.D
Acq: 27 May 2020 18:05

Tgt Ion:164 Resp: 535029

Ion	Ratio	Lower	Upper
164	100		
129	102.8	70.7	131.3
131	98.9	66.6	123.8
166	127.8	86.9	161.5



Instrument :
MSVOA_V
ClientSampleId :
GAXA3