Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
Data File : VV013239.D
Acq On : 19 Oct 2019 07:48
Operator : SY/MD
Sample : K5404-08
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AB9

Quant Time: Nov 01 04:03:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 02:14:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	500734	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	546168	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	296095	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	221521	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.58	69	184858	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.13	63	261284	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	3.97	46	498467	47.11	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.22%			
24) Chloroform-d	4.40	84	445601	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
26) 1,2-Dichloroethane-d4	5.08	65	217830	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.20%			
32) Benzene-d6	5.09	84	891867	4.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.60%			
36) 1,2-Dichloropropane-d6	6.11	67	277673	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.40%			
41) Toluene-d8	7.36	98	738991	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%			
43) trans-1,3-Dichloropropene-	7.66	79	90787	4.09	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.80%			
46) 2-Hexanone-d5	8.13	63	372657	41.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.64%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	194096	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	302636	4.82	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	5938	0.095	ug/L	96
5) Vinyl chloride	1.32	62	11813	0.224	ug/L #	61
17) Methyl tert-butyl Ether	2.81	73	12948	0.120	ug/L #	66
42) Toluene	7.43	91	14385	0.064	ug/L	96
51) Chlorobenzene	8.92	112	804693	5.536	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	143876	1.362	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	13592	0.135	ug/L	97

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 01 02:14:39 2019
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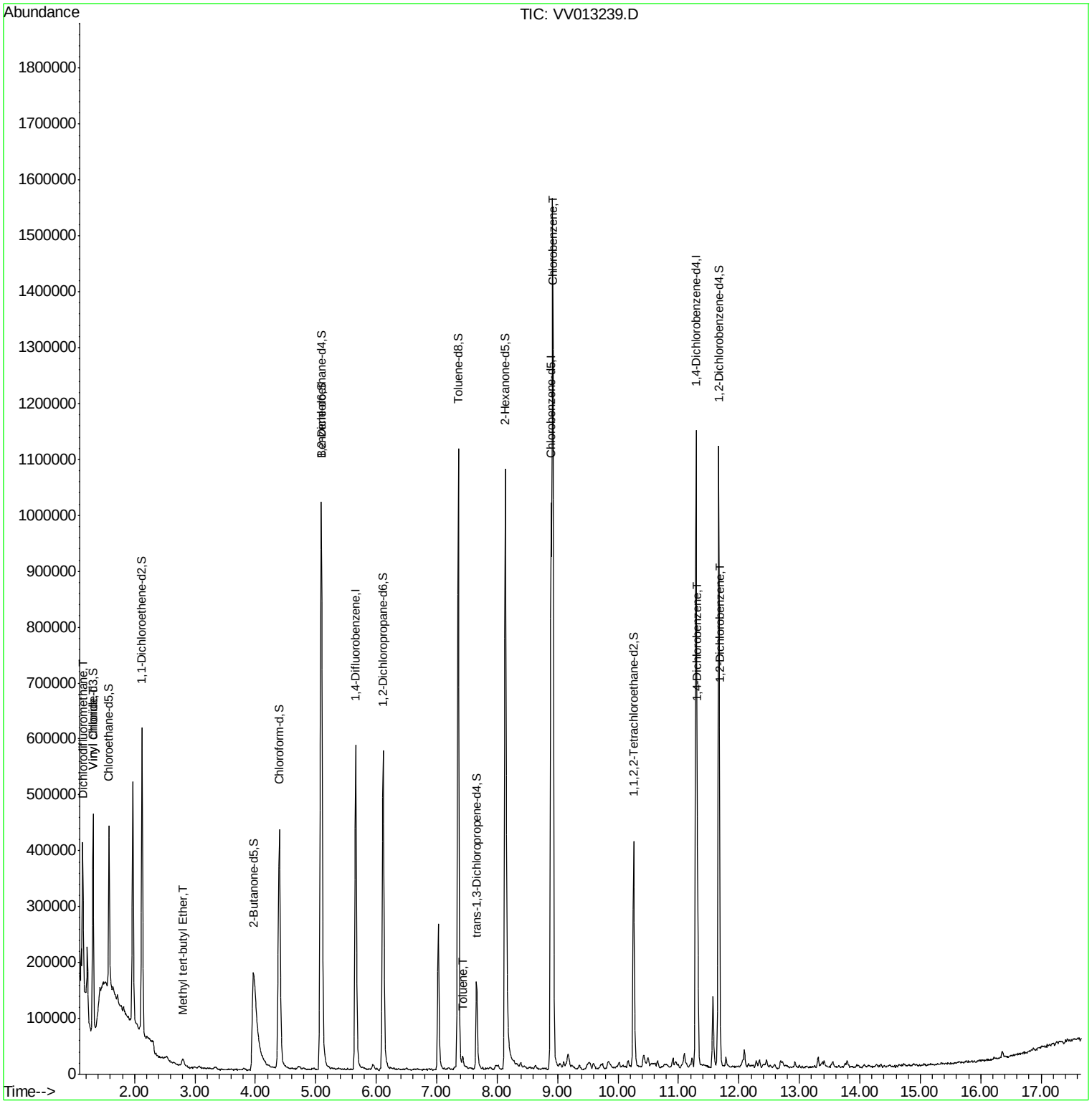
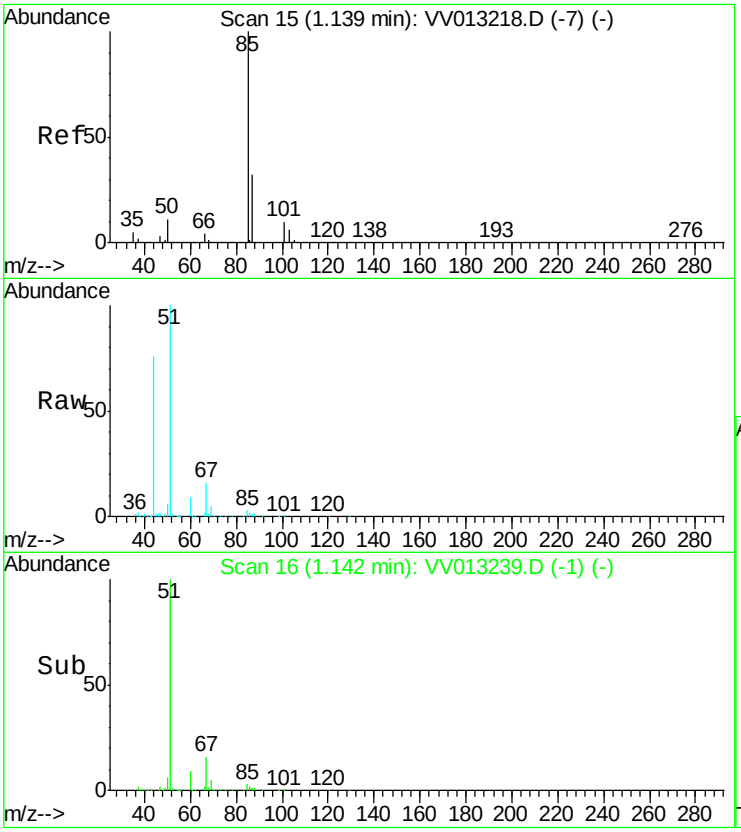


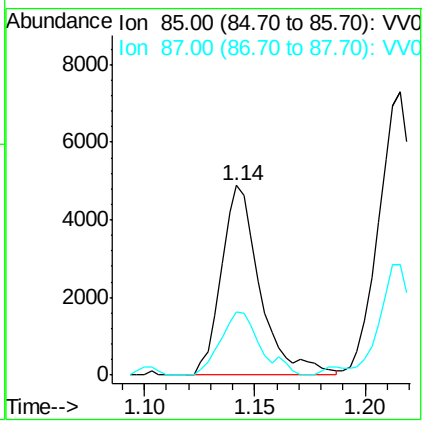


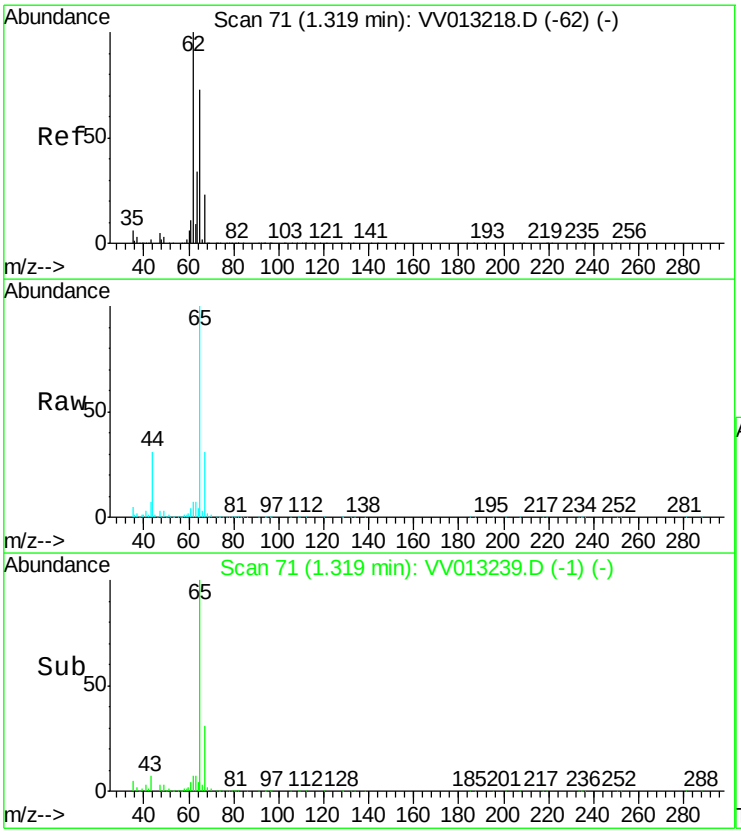
#2
Dichlorodifluoromethane
Concen: 0.095 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV013239.D
Acq: 19 Oct 2019 07:48

Instrument :
MSVOA_V
ClientSampleId :
C0AB9

Tgt Ion: 85 Resp: 5938

Ion	Ratio	Lower	Upper
85	100		
87	34.4	25.6	38.4

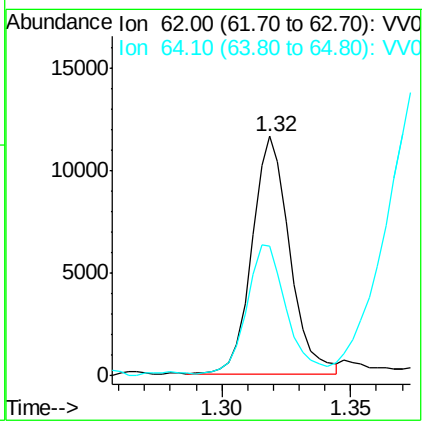


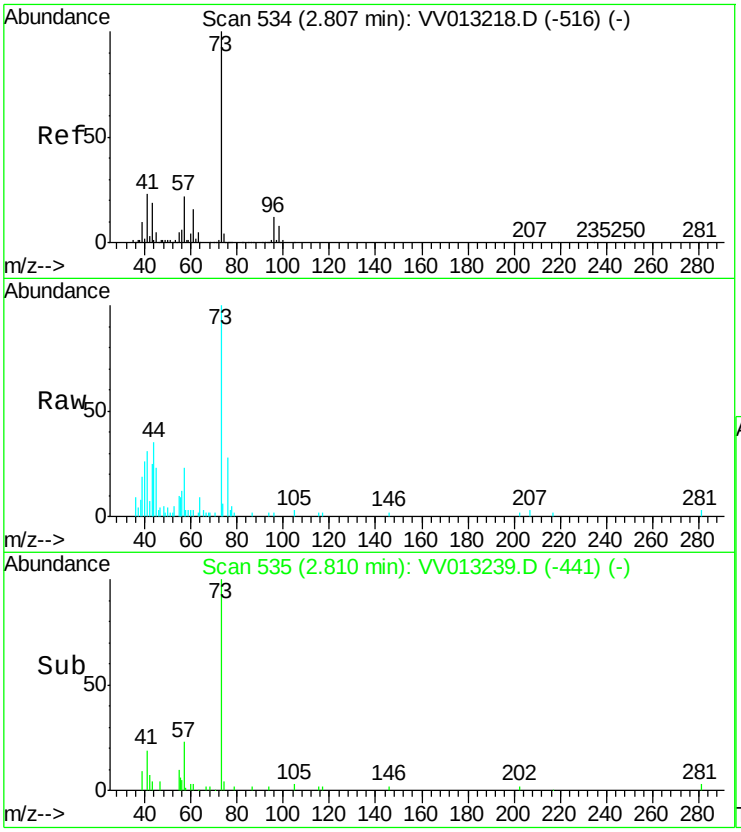


#5
Vinyl chloride
Concen: 0.224 ug/L
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VV013239.D
Acq: 19 Oct 2019 07:48

Tgt Ion: 62 Resp: 11813

Ion	Ratio	Lower	Upper
62	100		
64	54.5	22.7	42.3#



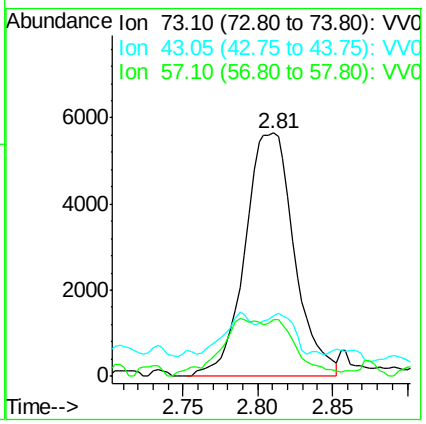


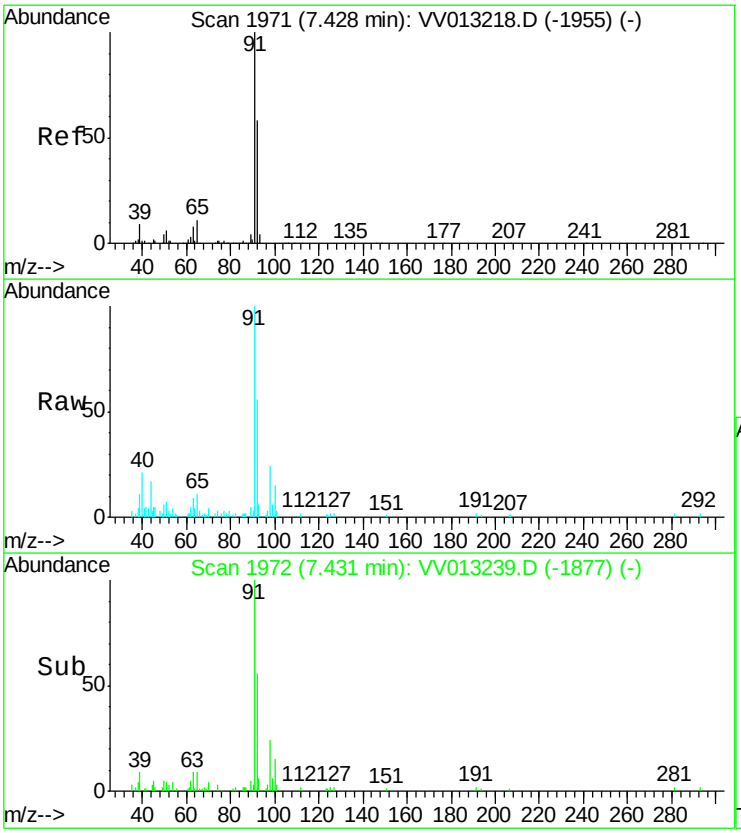
#17
Methyl tert-butyl Ether
Concen: 0.120 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV013239.D
Acq: 19 Oct 2019 07:48

Instrument :
MSVOA_V
ClientSampleId :
C0AB9

Tgt Ion: 73 Resp: 12948

Ion	Ratio	Lower	Upper
73	100		
43	10.4	14.6	22.0#
57	0.0	17.8	26.8#

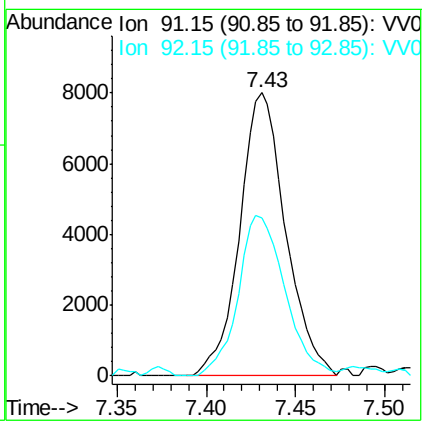


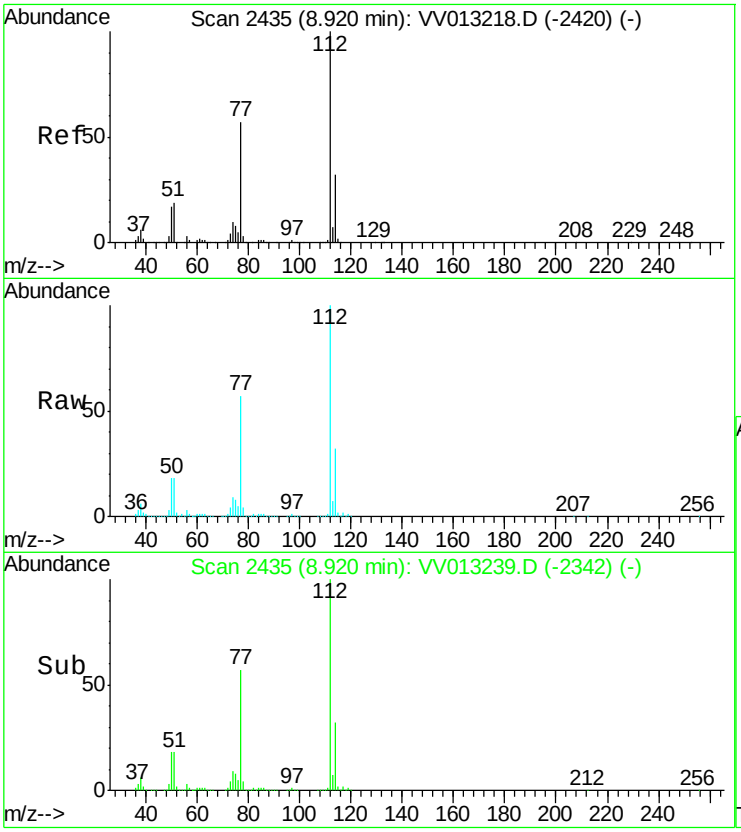


#42
Toluene
Concen: 0.064 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VV013239.D
Acq: 19 Oct 2019 07:48

Tgt Ion: 91 Resp: 14385

Ion	Ratio	Lower	Upper
91	100		
92	55.7	41.2	76.4



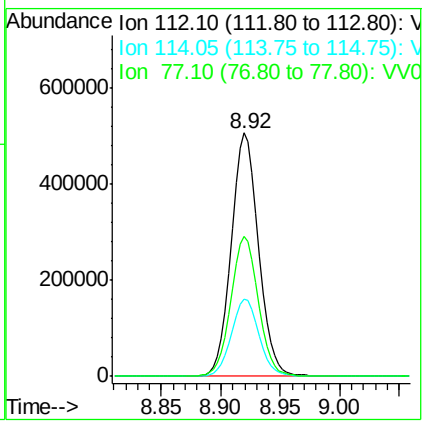


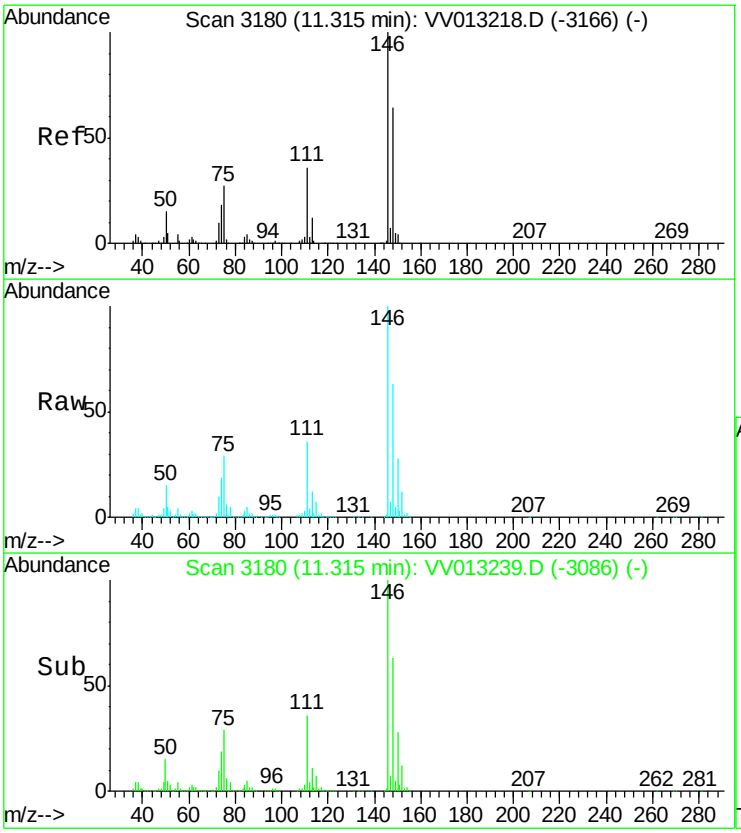
#51
Chlorobenzene
Concen: 5.536 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV013239.D
Acq: 19 Oct 2019 07:48

Instrument :
MSVOA_V
ClientSampleId :
C0AB9

Tgt Ion:112 Resp: 804693

Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.6	42.0
77	57.5	47.5	71.3

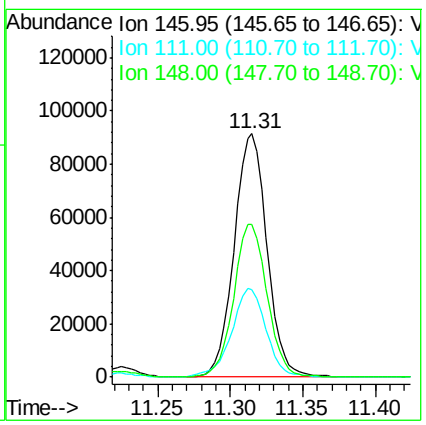


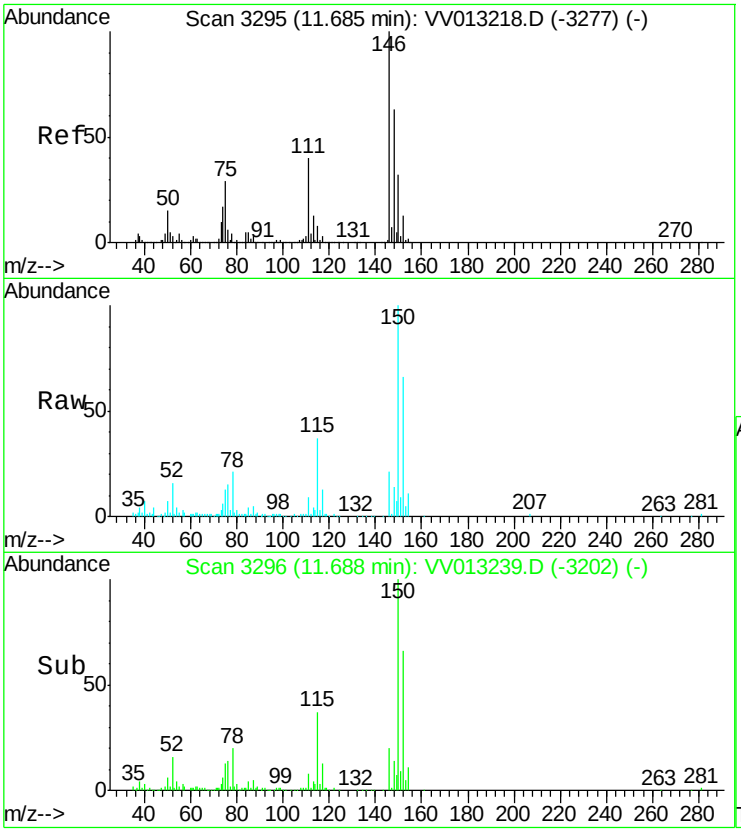


#63
1,4-Dichlorobenzene
Concen: 1.362 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013239.D
Acq: 19 Oct 2019 07:48

Tgt Ion:146 Resp: 143876

Ion	Ratio	Lower	Upper
146	100		
111	36.1	25.7	47.7
148	62.6	44.4	82.5





#65
1,2-Dichlorobenzene
Concen: 0.135 ug/L
RT: 11.69 min Scan# 3296
Delta R.T. 0.00 min
Lab File: VV013239.D
Acq: 19 Oct 2019 07:48

Instrument :
MSVOA_V
ClientSampleId :
C0AB9

Tgt Ion:146 Resp: 13592

Ion	Ratio	Lower	Upper
146	100		
111	41.6	31.9	47.9
148	66.3	51.4	77.2