Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101419\

Quantitation Report (Not Reviewed)

Data File : VU035145.D
Acq On : 14 Oct 2019 12:18
Operator : JC/SP
Sample : K5309-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : RD-9-001-01

Quant Time: Oct 15 07:08:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	165030	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.07	117	171955	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	74224	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.39	65	51888	5.32	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%				
7) Chloroethane-d5	1.67	69	44880	4.93	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.60%				
11) 1,1-Dichloroethene-d2	2.26	63	69965	3.40	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.00%				
20) 2-Butanone-d5	4.17	46	149453	52.02	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.04%				
24) Chloroform-d	4.62	84	87302	4.79	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%				
26) 1,2-Dichloroethane-d4	5.29	65	55007	5.03	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%				
32) Benzene-d6	5.32	84	178058	4.42	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%				
36) 1,2-Dichloropropane-d6	6.31	67	64335	4.77	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%				
41) Toluene-d8	7.55	98	151784	3.89	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.80%				
43) trans-1,3-Dichloropropene-	7.84	79	19715	4.07	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.40%				
46) 2-Hexanone-d5	8.30	63	109402	47.42	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.84%				
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57254	5.04	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%				
64) 1,2-Dichlorobenzene-d4	11.84	152	58647	4.68	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2530	0.153	ug/L		86
5) Vinyl chloride	1.40	62	417990	25.721	ug/L		98
8) Chloroethane	1.69	64	5086	0.522	ug/L		93
13) Acetone	2.32	43	4966	2.111	ug/L		93
18) trans-1,2-Dichloroethene	2.96	96	197266	17.380	ug/L		92
22) cis-1,2-Dichloroethene	4.20	96	81688	6.452	ug/L		88
25) Chloroform	4.65	83	7918	0.312	ug/L		88
35) Methylcyclohexane	6.31	83	14273	0.660	ug/L	#	19
37) 1,2-Dichloropropane	6.31	63	7322	0.524	ug/L	#	90
42) Toluene	7.62	91	10323	0.191	ug/L		100
51) Chlorobenzene	9.10	112	34369	0.981	ug/L		100
59) 1,2,3-Trichloropropane	11.47	75	10458	1.156	ug/L		94

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

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RD-9-001-01

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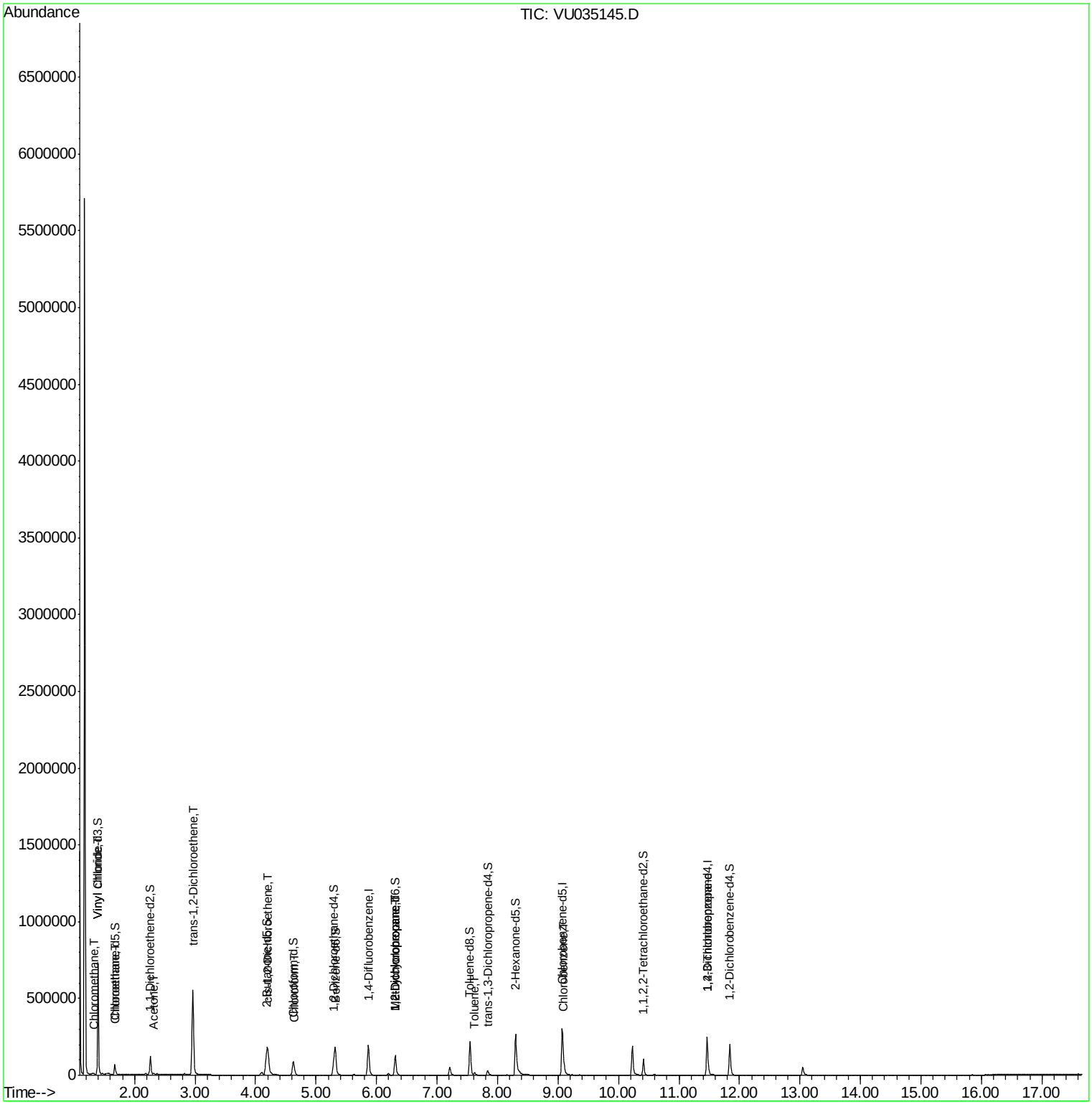
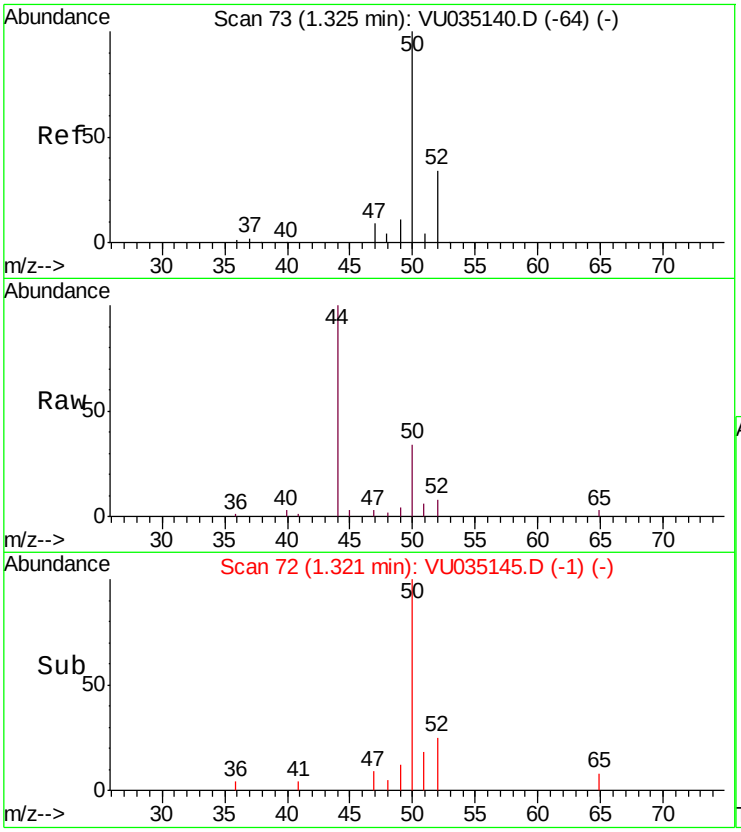
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:04:39 2019
Response via : Initial Calibration



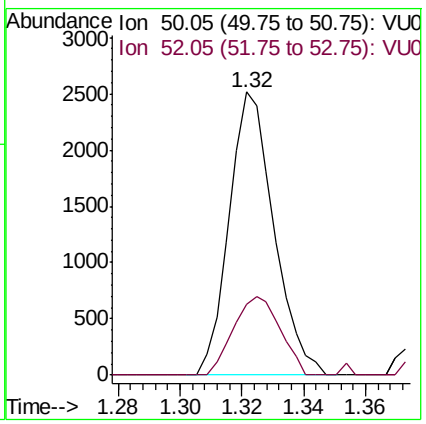


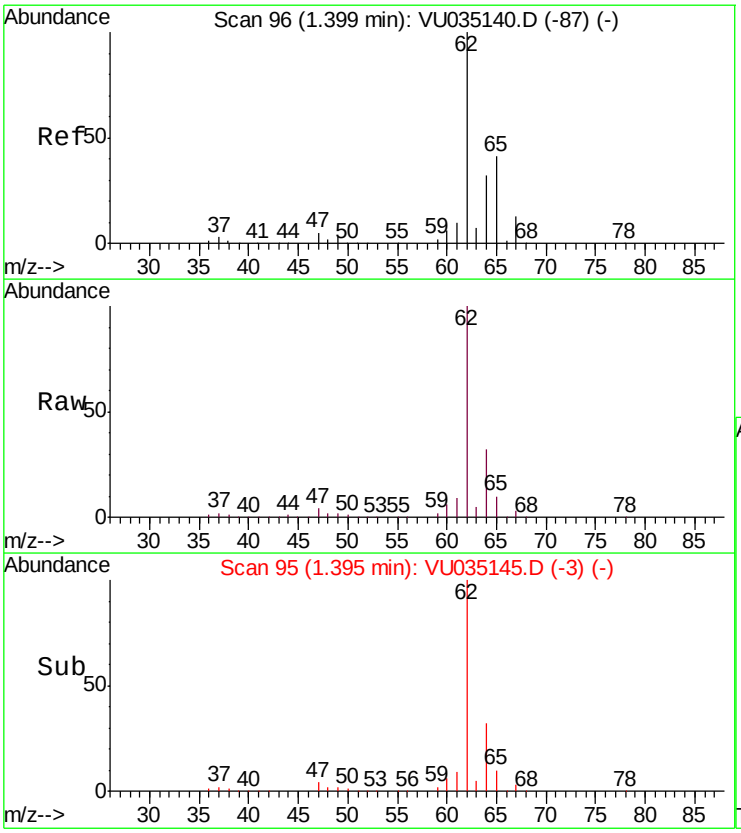
#3
Chloromethane
Concen: 0.153 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.00 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Instrument :
MSVOA_U
ClientSampleId :
RD-9-001-01

Tgt Ion: 50 Resp: 2530

Ion	Ratio	Lower	Upper
50	100		
52	25.1	23.3	43.3

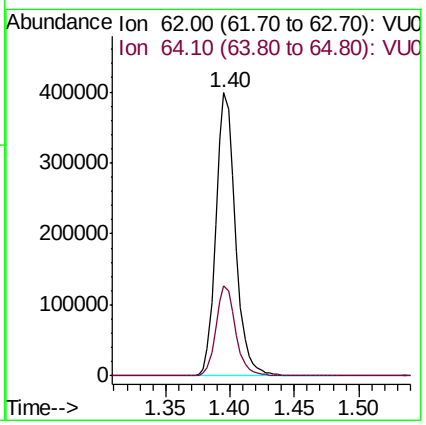


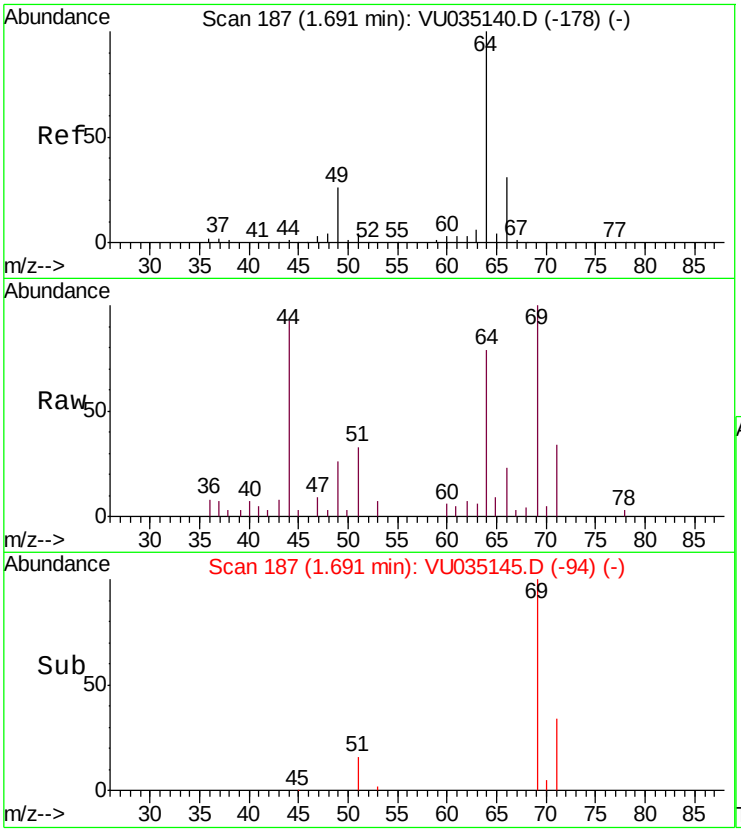


#5
Vinyl chloride
Concen: 25.721 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.00 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Tgt Ion: 62 Resp: 417990

Ion	Ratio	Lower	Upper
62	100		
64	31.6	22.8	42.4



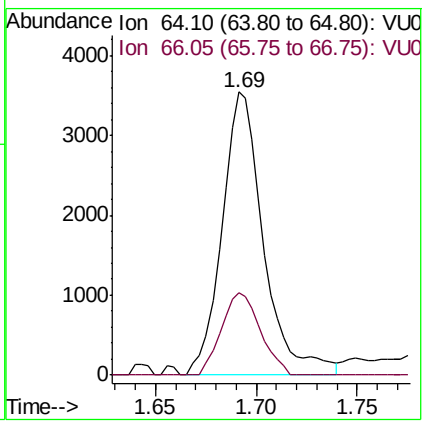


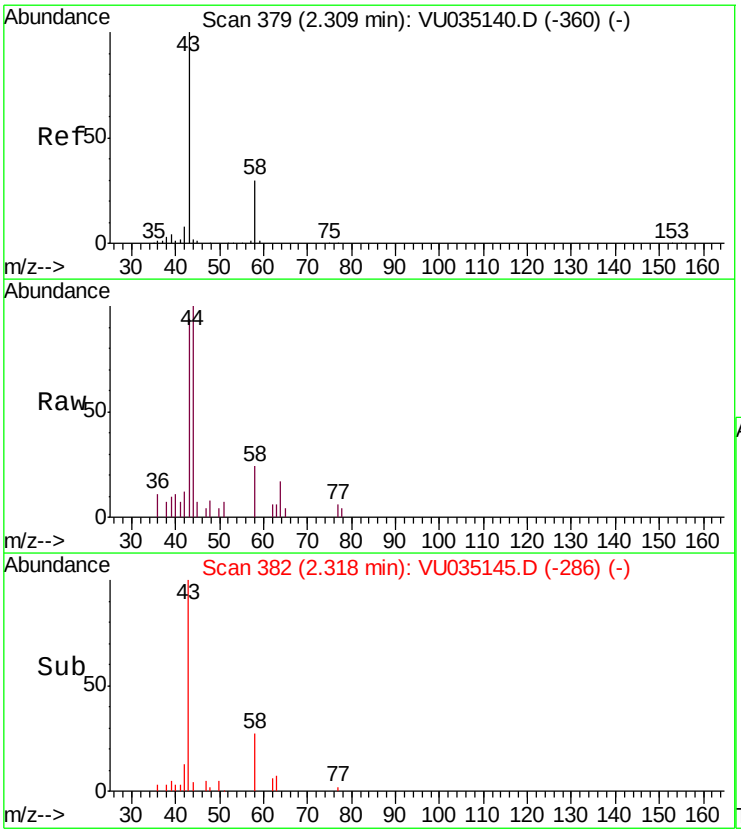
#8
Chloroethane
Concen: 0.522 ug/L
RT: 1.69 min Scan# 187
Delta R.T. -0.00 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Instrument :
MSVOA_U
ClientSampleId :
RD-9-001-01

Tgt Ion: 64 Resp: 5086

Ion	Ratio	Lower	Upper
64	100		
66	29.2	23.2	43.2

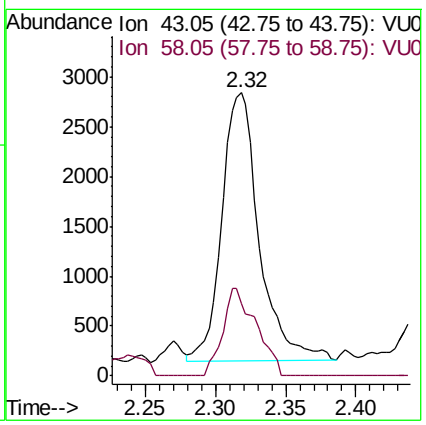


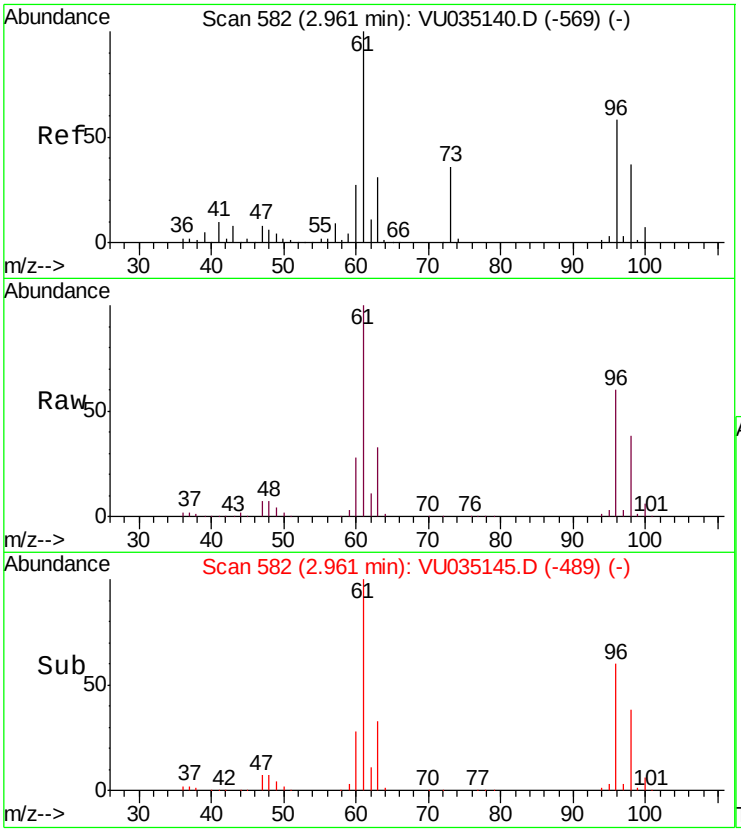


#13
Acetone
Concen: 2.111 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Tgt Ion: 43 Resp: 4966

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	66.6



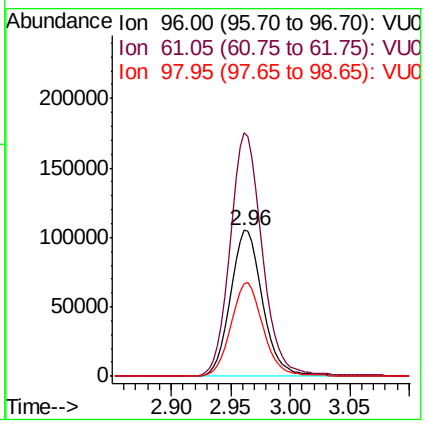


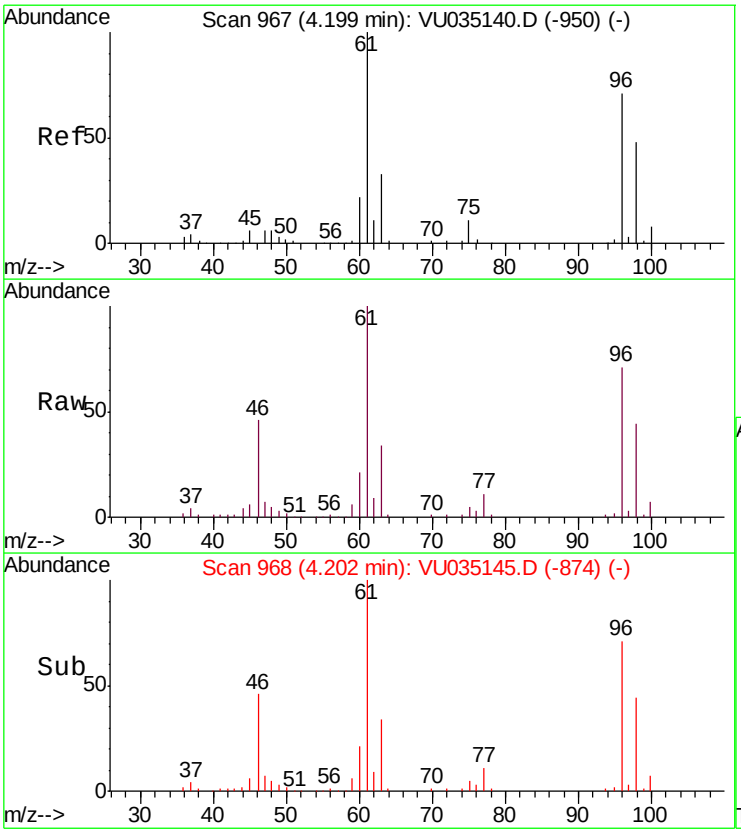
#18
trans-1,2-Dichloroethene
Concen: 17.380 ug/L
RT: 2.96 min Scan# 582
Delta R.T. -0.00 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Instrument :
MSVOA_U
ClientSampleId :
RD-9-001-01

Tgt Ion: 96 Resp: 197266

Ion	Ratio	Lower	Upper
96	100		
61	166.9	107.1	198.9
98	63.8	45.4	84.4

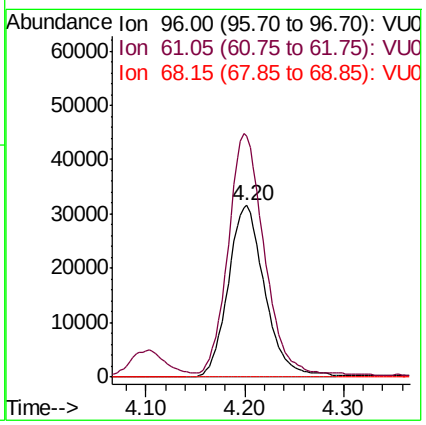


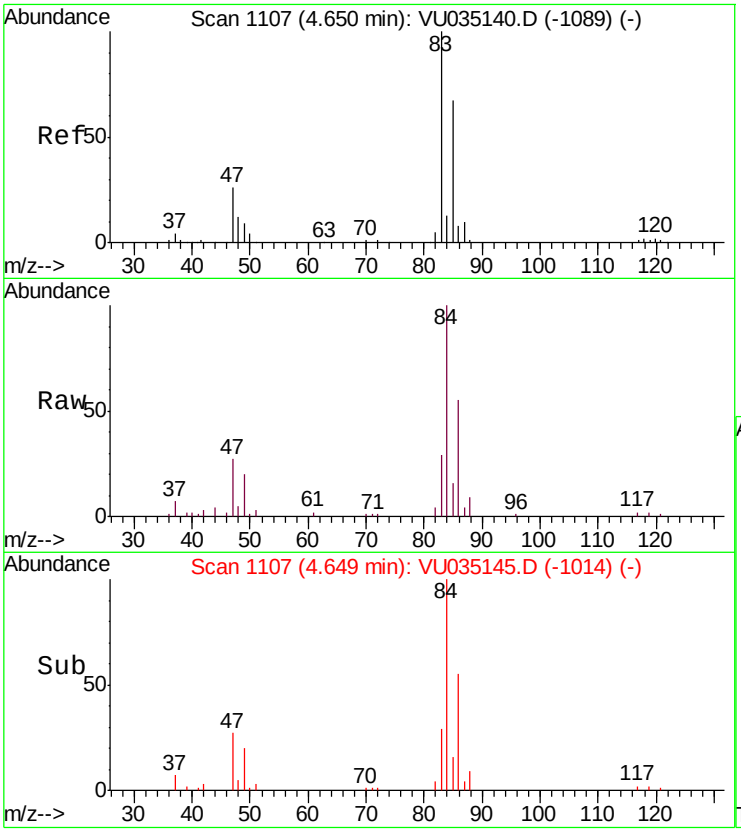


#22
cis-1,2-Dichloroethene
Concen: 6.452 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Tgt Ion: 96 Resp: 81688

Ion	Ratio	Lower	Upper
96	100		
61	140.6	89.2	165.6
68	0.0	0.0	0.0



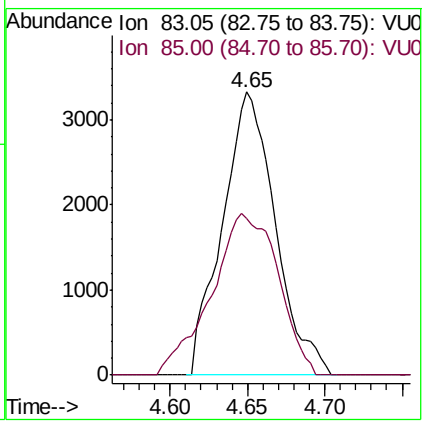


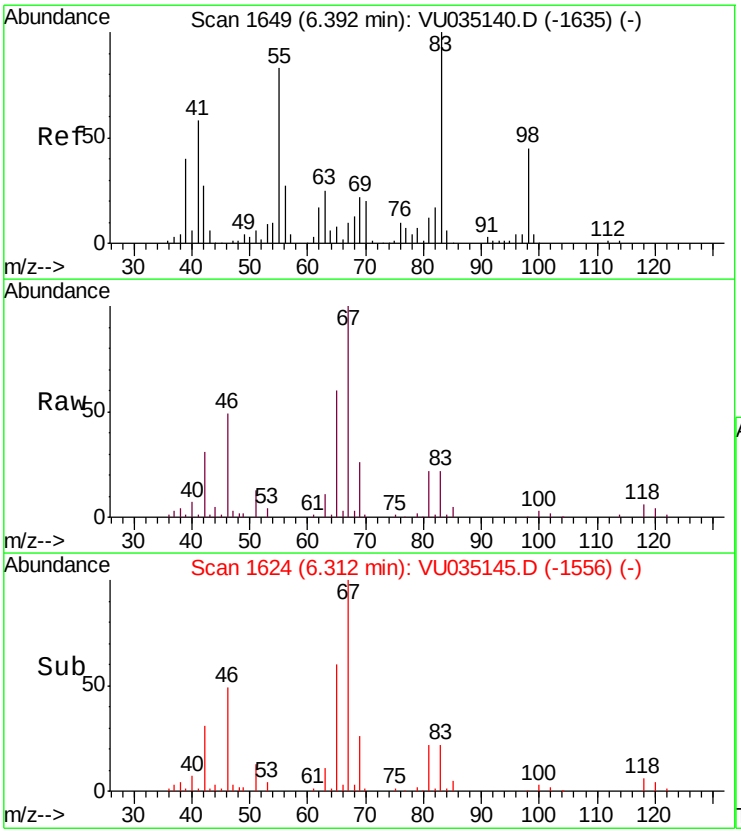
#25
Chloroform
Concen: 0.312 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Instrument :
MSVOA_U
ClientSampleId :
RD-9-001-01

Tgt Ion: 83 Resp: 7918

Ion	Ratio	Lower	Upper
83	100		
85	55.5	45.4	84.4

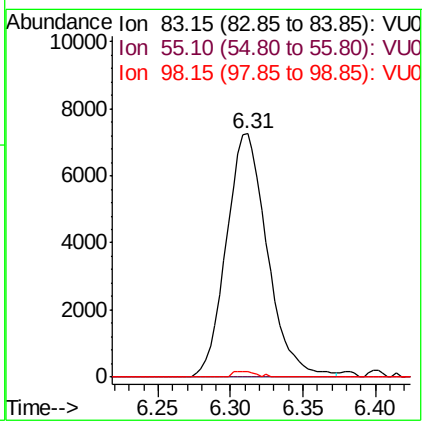


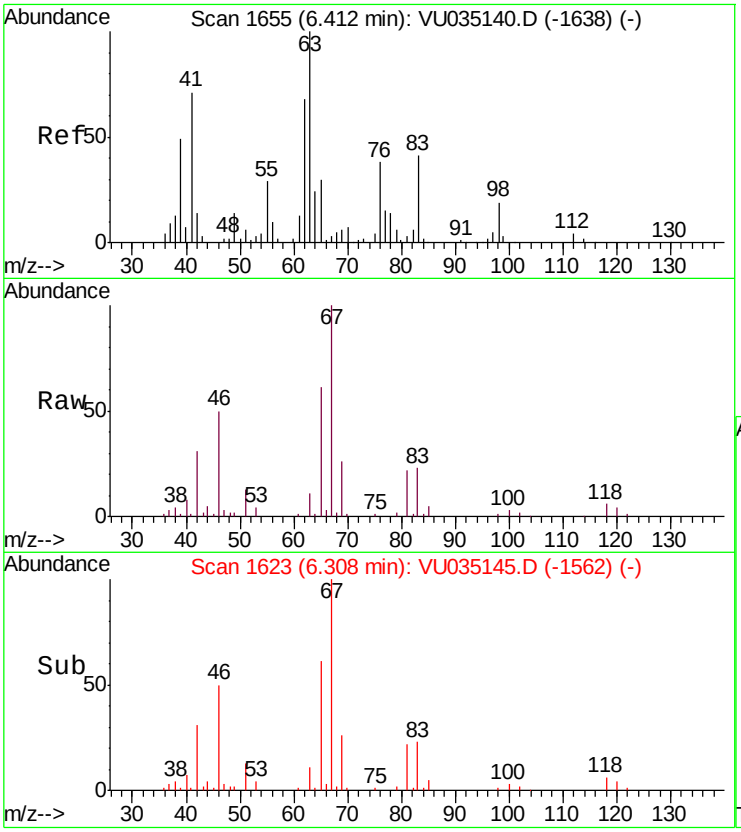


#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Tgt Ion: 83 Resp: 14273

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.3	36.2	54.2#



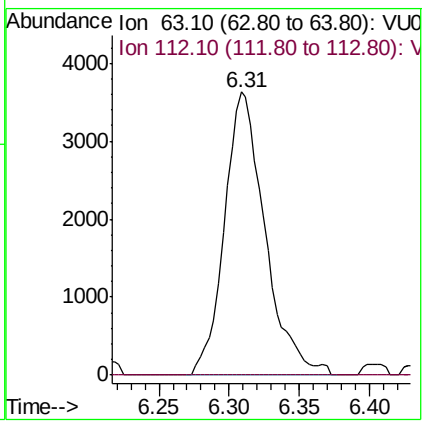


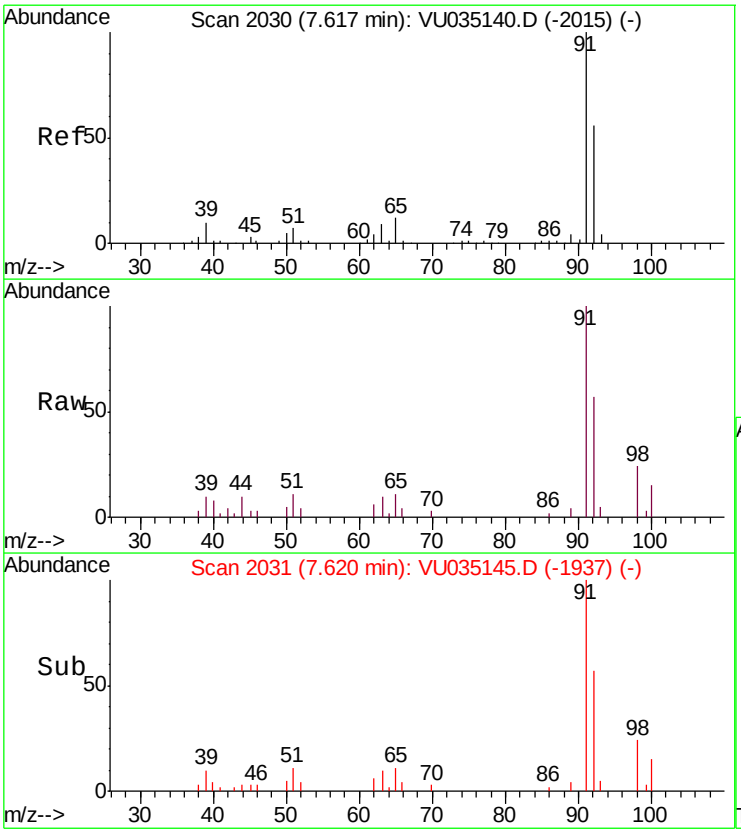
#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Instrument : MSVOA_U
ClientSampleId : RD-9-001-01

Tgt Ion: 63 Resp: 7322

Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.1	4.7#

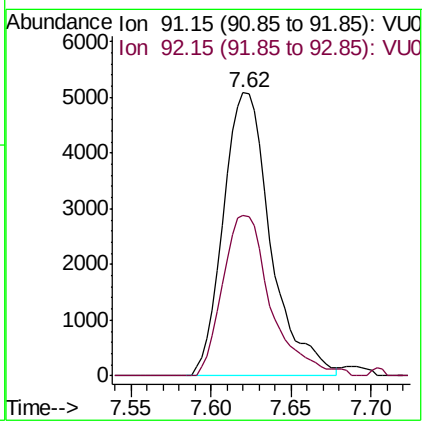


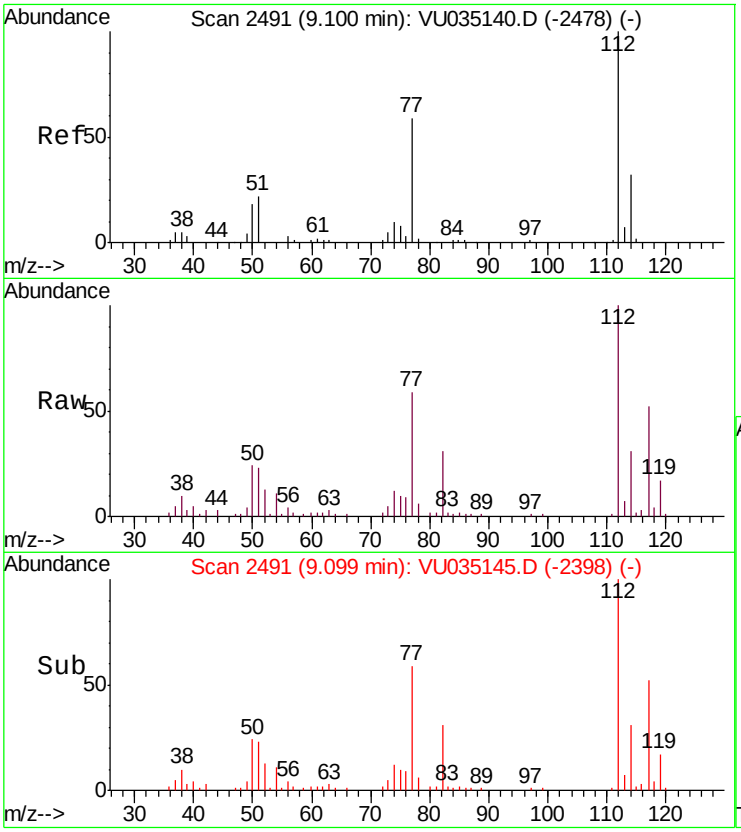


#42
Toluene
Concen: 0.191 ug/L
RT: 7.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Tgt Ion: 91 Resp: 10323

Ion	Ratio	Lower	Upper
91	100		
92	56.9	40.0	74.2



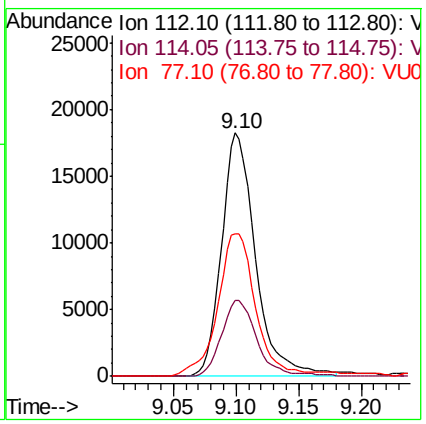


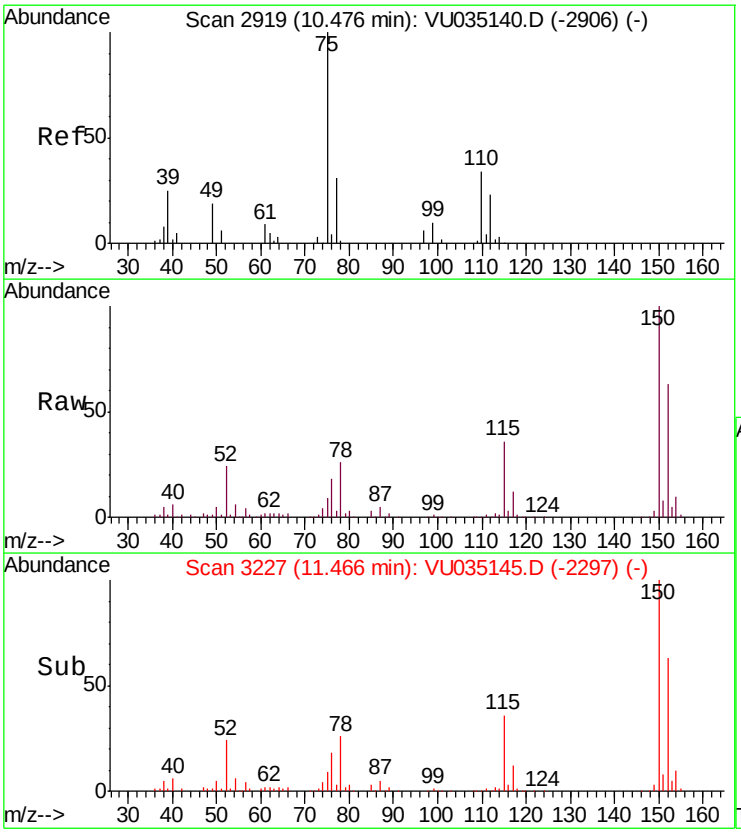
#51
Chlorobenzene
Concen: 0.981 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Instrument : MSVOA_U
ClientSampleId : RD-9-001-01

Tgt Ion:112 Resp: 34369

Ion	Ratio	Lower	Upper
112	100		
114	31.0	22.1	41.1
77	58.7	46.9	70.3





#59
1,2,3-Trichloropropane
Concen: 1.156 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU035145.D
Acq: 14 Oct 2019 12:18

Tgt Ion: 75 Resp: 10458

Ion	Ratio	Lower	Upper
75	100		
77	36.5	26.5	39.7