Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\

Quantitation Report (Not Reviewed)

Data File : VV013748.D
Acq On : 22 Nov 2019 21:00
Operator : SY/MD
Sample : K5941-09DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AC1DL

Quant Time: Nov 23 01:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	316095	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	313308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	157723	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	103211	5.27	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.40%			
7) Chloroethane-d5	1.55	69	67950	4.09	ug/L	-0.03
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.80%			
11) 1,1-Dichloroethene-d2	2.12	63	153324	4.66	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.20%			
20) 2-Butanone-d5	3.92	46	273255	67.19	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 134.38%#			
24) Chloroform-d	4.39	84	205684	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
26) 1,2-Dichloroethane-d4	5.07	65	108007	5.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.00%			
32) Benzene-d6	5.09	84	422315	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.11	67	128491	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.35	98	361949	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
43) trans-1,3-Dichloropropene-	7.66	79	46530	4.96	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 99.20%			
46) 2-Hexanone-d5	8.13	63	221591	64.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.14%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99388	5.95	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 119.00%			
64) 1,2-Dichlorobenzene-d4	11.67	152	161671	5.81	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.20%			

Target Compounds						Qvalue
3) Chloromethane	1.25	50	2999	0.162	ug/L	85
6) Bromomethane	1.56	94	921	0.093	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1826	0.105	ug/L #	27
12) 1,1-Dichloroethene	2.13	96	29170	1.919	ug/L #	24
14) Carbon disulfide	2.30	76	3382	0.096	ug/L #	86
15) Methyl Acetate	2.46	43	1691	0.266	ug/L #	59
16) Methylene chloride	2.53	84	19359	0.930	ug/L	93
19) 1,1-Dichloroethane	3.22	63	43223	1.262	ug/L	97
22) cis-1,2-Dichloroethene	3.95	96	4981	0.248	ug/L	95
25) Chloroform	4.42	83	11886	0.327	ug/L	86
34) Trichloroethene	5.95	95	264918	12.496	ug/L	98
35) Methylcyclohexane	6.11	83	32320	1.143	ug/L #	20
39) cis-1,3-Dichloropropene	7.03	75	3158	0.113	ug/L #	75
44) trans-1,3-Dichloropropene	7.66	75	1979	0.090	ug/L #	80
48) 2-Hexanone	8.19	43	12299	1.495	ug/L #	80
52) Ethylbenzene	9.05	91	9062	0.101	ug/L	95
53) m,p-xylene	9.18	106	2631	0.077	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\

Quantitation Report (Not Reviewed)

Data File : VV013748.D
Acq On : 22 Nov 2019 21:00
Operator : SY/MD
Sample : K5941-09DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AC1DL

Quant Time: Nov 23 01:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-xylene	9.59	106	2787	0.084	ug/L	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\

Quantitation Report (Not Reviewed)

Data File : VV013748.D
Acq On : 22 Nov 2019 21:00
Operator : SY/MD
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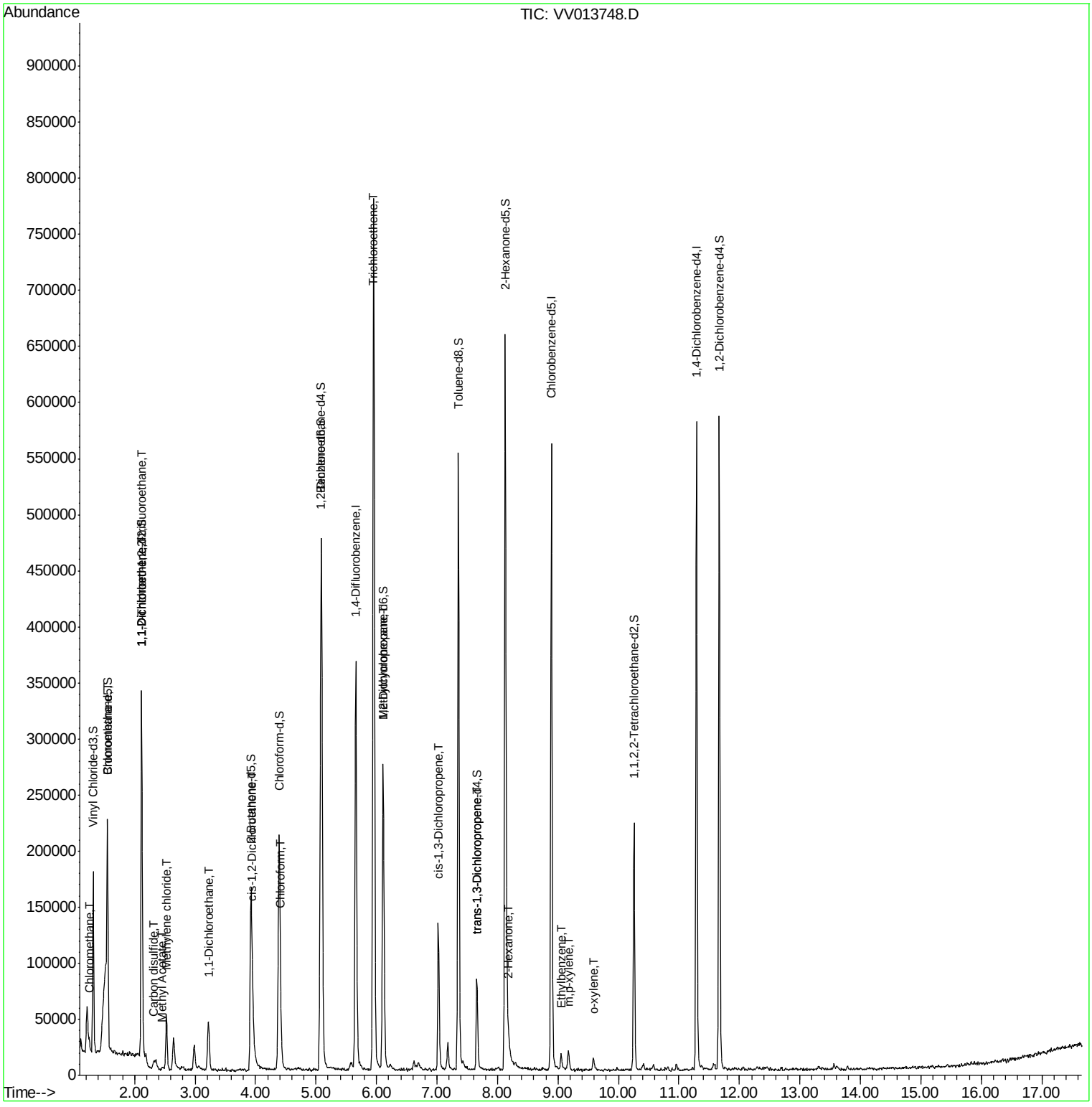
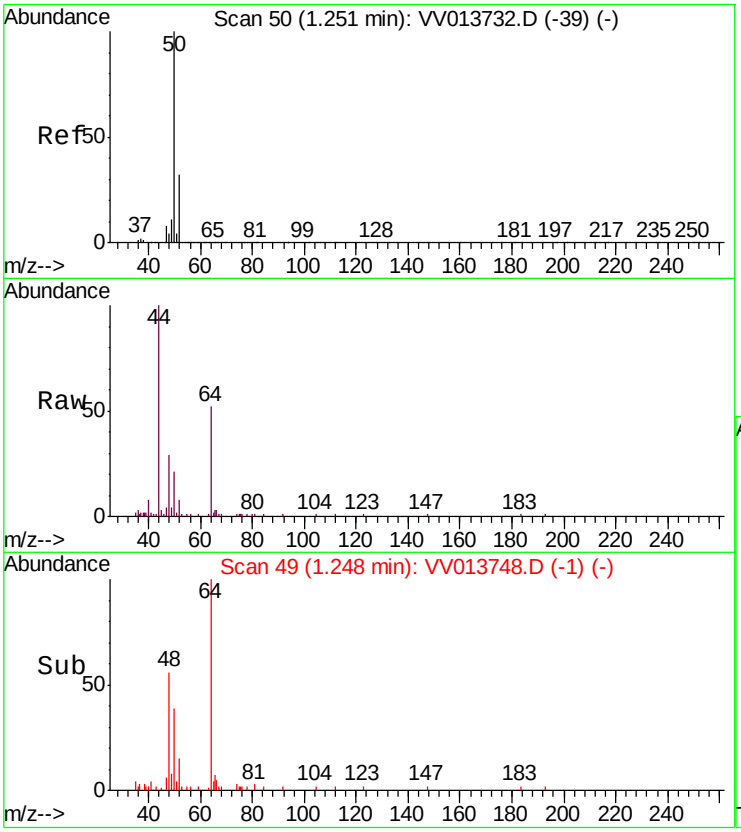
ClientSampleId :
B0AC1DL

Quant Time: Nov 23 01:40:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration



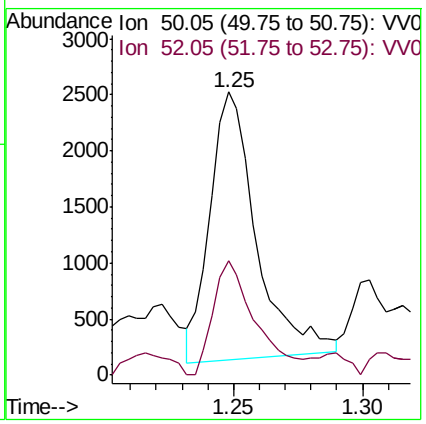


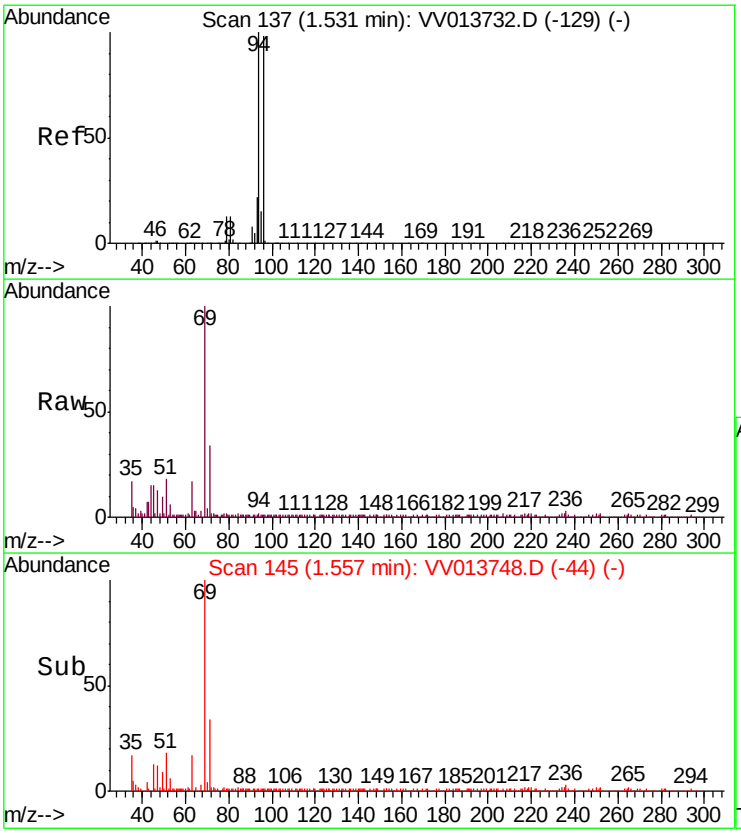
#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.25 min Scan# 49
Delta R.T. -0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument : MSVOA_V
ClientSampleId : B0AC1DL

Tgt Ion: 50 Resp: 2999

Ion	Ratio	Lower	Upper
50	100		
52	40.2	22.5	41.7

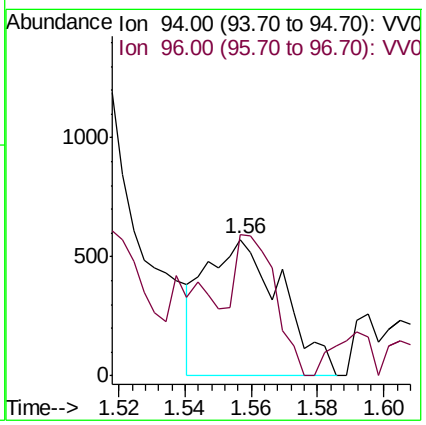


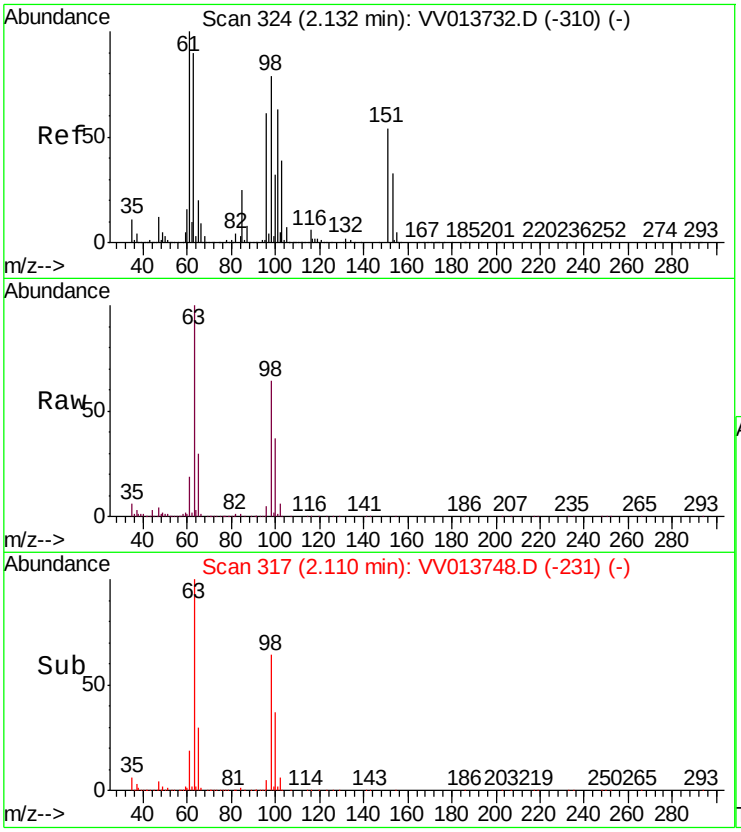


#6
Bromomethane
Concen: 0.093 ug/L
RT: 1.56 min Scan# 145
Delta R.T. 0.03 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 94 Resp: 921

Ion	Ratio	Lower	Upper
94	100		
96	103.8	65.2	121.0



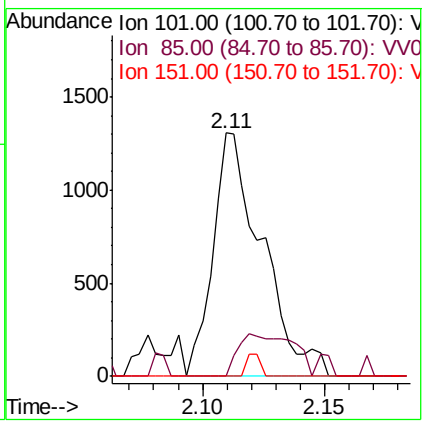


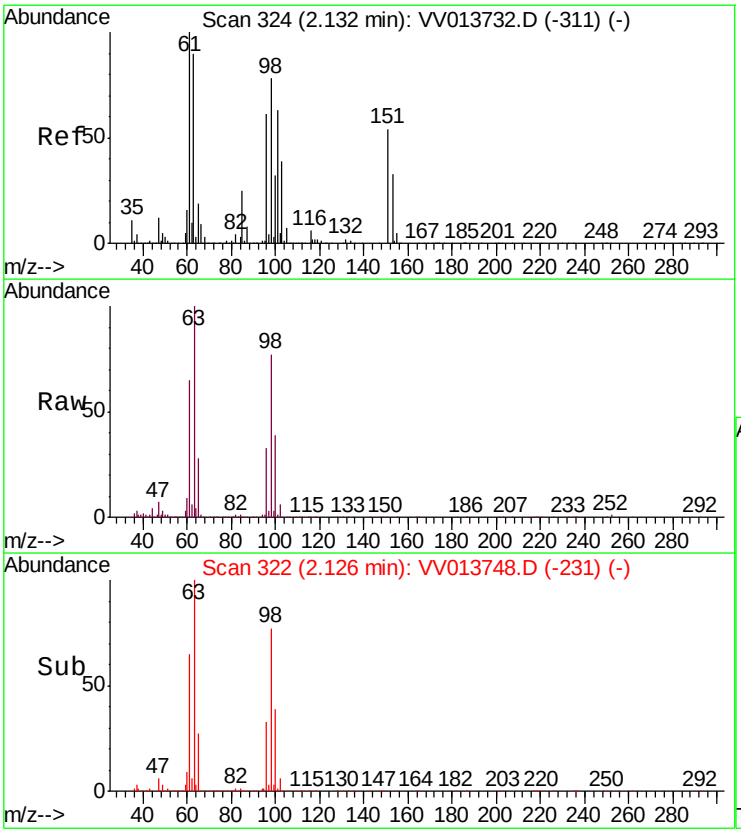
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.105 ug/L
RT: 2.11 min Scan# 317
Delta R.T. -0.02 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument :
MSVOA_V
ClientSampleId :
B0AC1DL

Tgt Ion:101 Resp: 1826

Ion	Ratio	Lower	Upper
101	100		
85	19.6	33.4	50.0#
151	2.6	69.4	104.0#

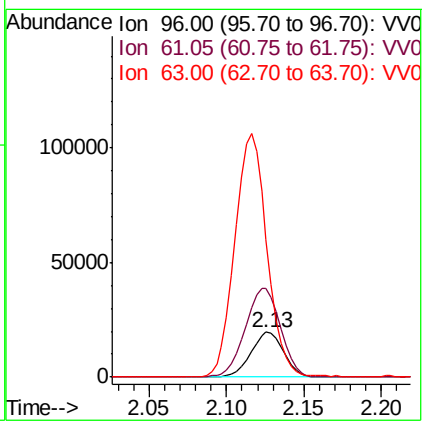


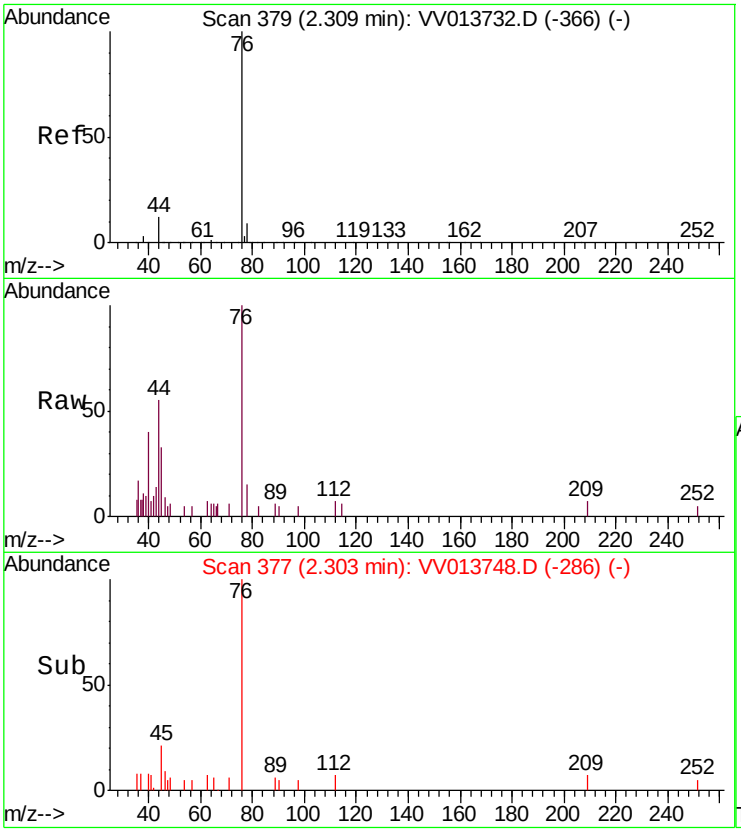


#12
1,1-Dichloroethene
Concen: 1.919 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 96 Resp: 29170

Ion	Ratio	Lower	Upper
96	100		
61	198.3	116.3	215.9
63	306.9	96.7	179.7#



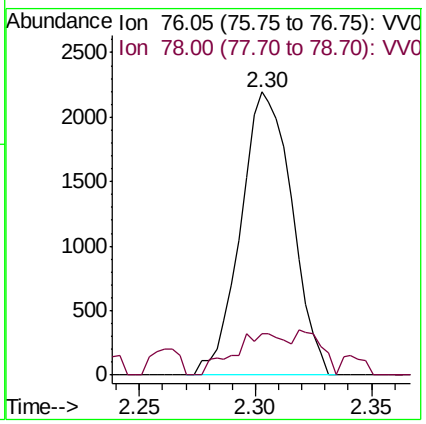


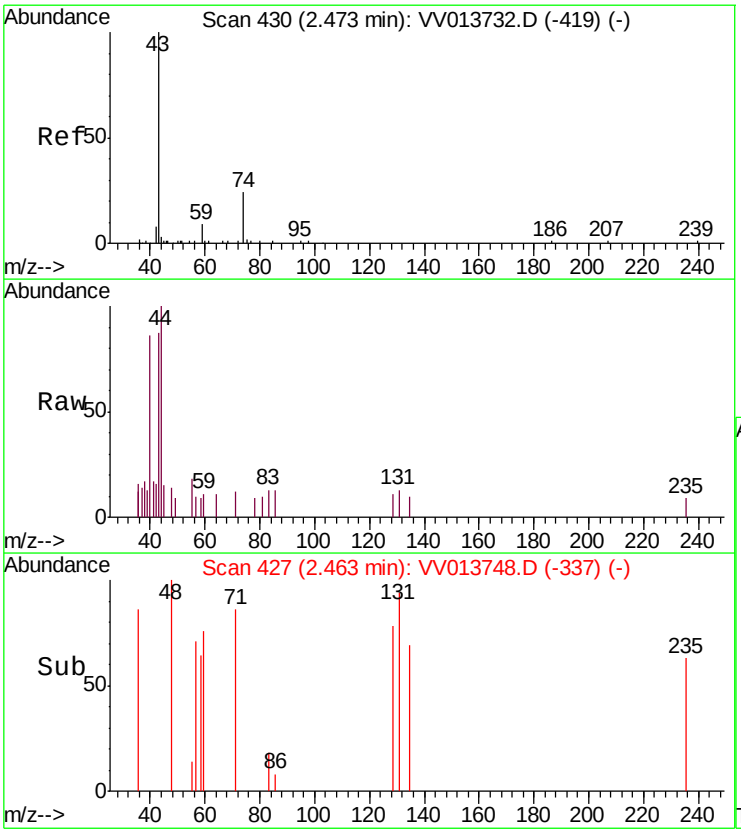
#14
Carbon disulfide
Concen: 0.096 ug/L
RT: 2.30 min Scan# 377
Delta R.T. -0.01 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument : MSVOA_V
ClientSampleId : B0AC1DL

Tgt Ion: 76 Resp: 3382

Ion	Ratio	Lower	Upper
76	100		
78	14.6	7.5	11.3#

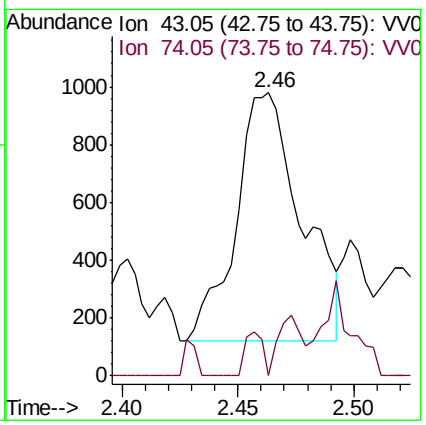


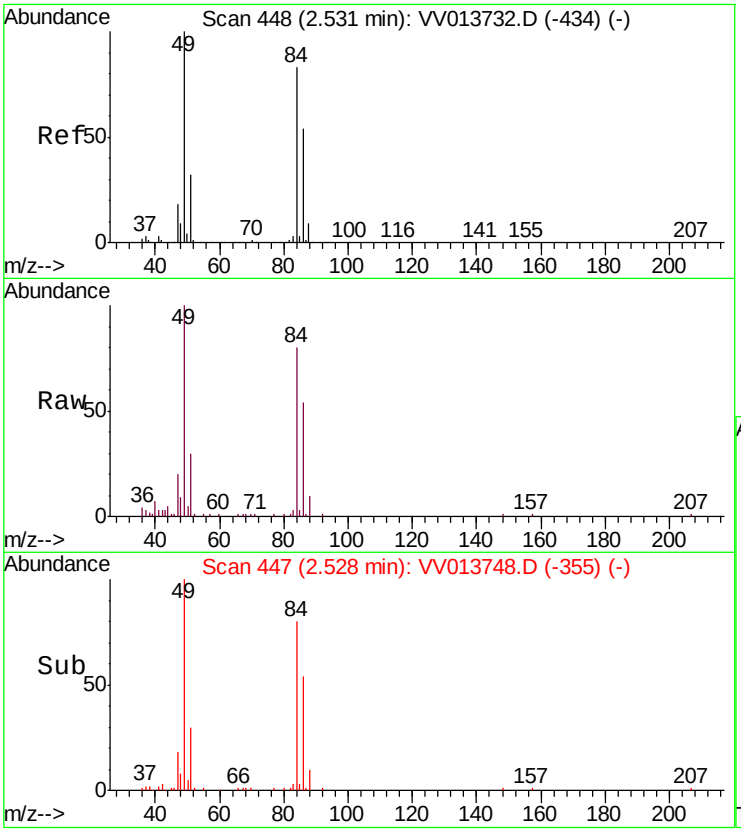


#15
Methyl Acetate
Concen: 0.266 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.01 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 43 Resp: 1691

Ion	Ratio	Lower	Upper
43	100		
74	4.7	20.5	30.7#



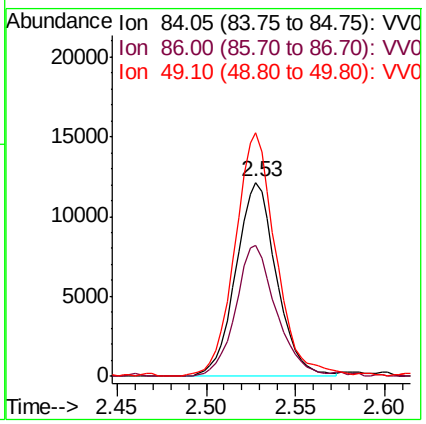


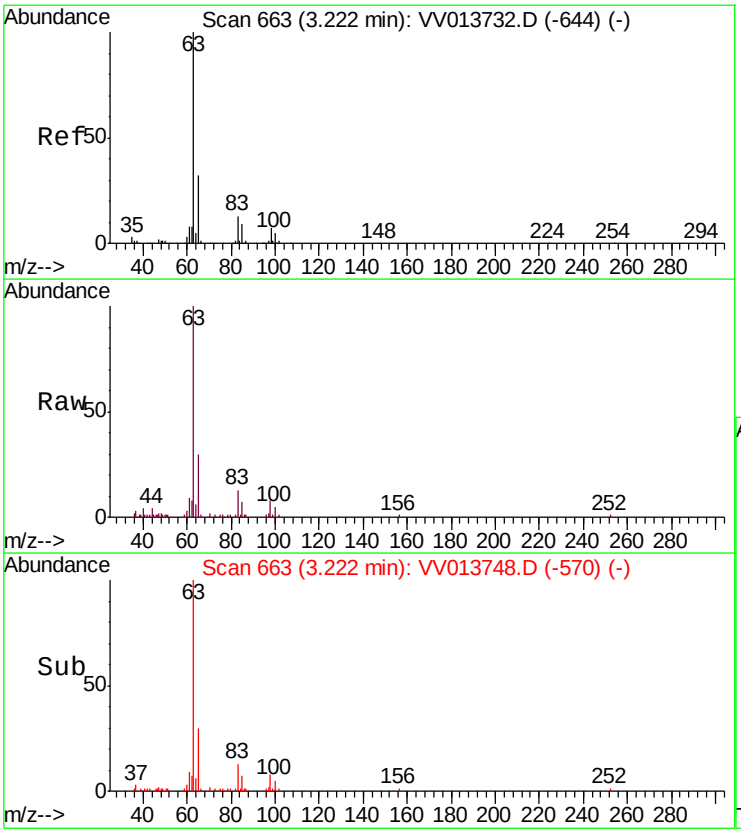
#16
Methylene chloride
Concen: 0.930 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument :
MSVOA_V
ClientSampleId :
B0AC1DL

Tgt Ion: 84 Resp: 19359

Ion	Ratio	Lower	Upper
84	100		
86	67.3	44.0	81.6
49	125.5	81.5	151.5

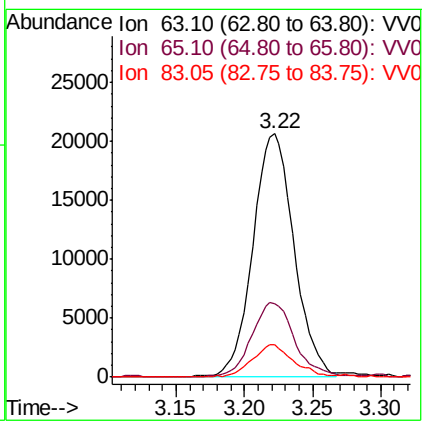


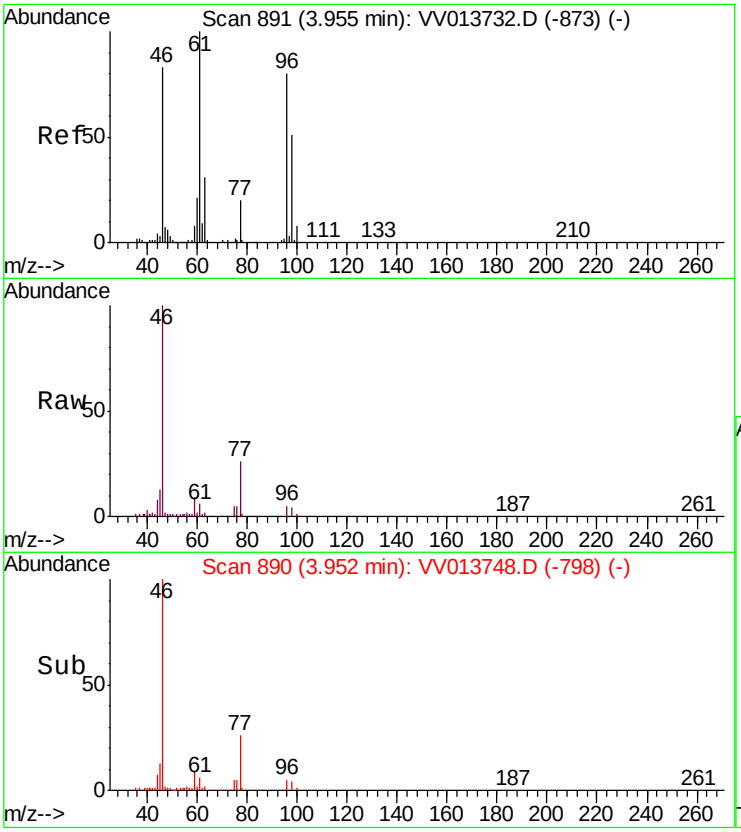


#19
1,1-Dichloroethane
Concen: 1.262 ug/L
RT: 3.22 min Scan# 663
Delta R.T. -0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 63 Resp: 43223

Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.7	42.1
83	13.1	9.2	17.2



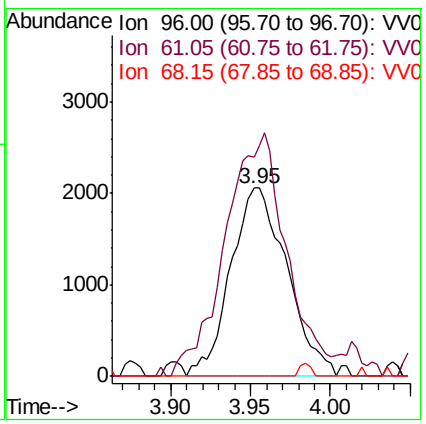


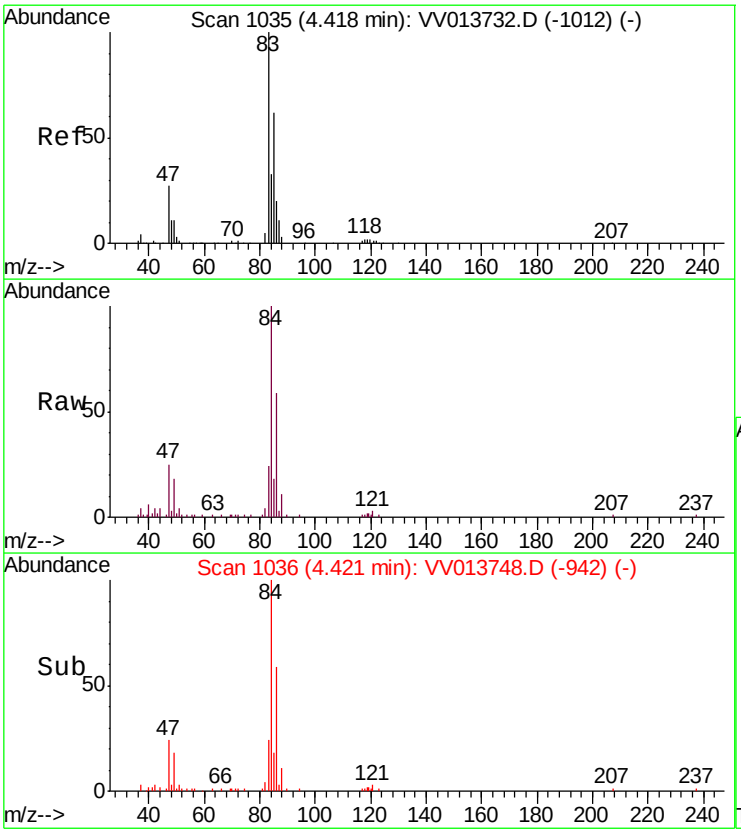
#22
cis-1,2-Dichloroethene
Concen: 0.248 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument : MSVOA_V
ClientSampleId : B0AC1DL

Tgt Ion: 96 Resp: 4981

Ion	Ratio	Lower	Upper
96	100		
61	116.8	86.1	159.9
68	0.0	0.0	0.0

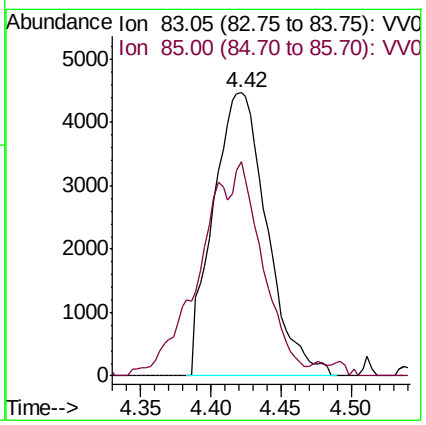


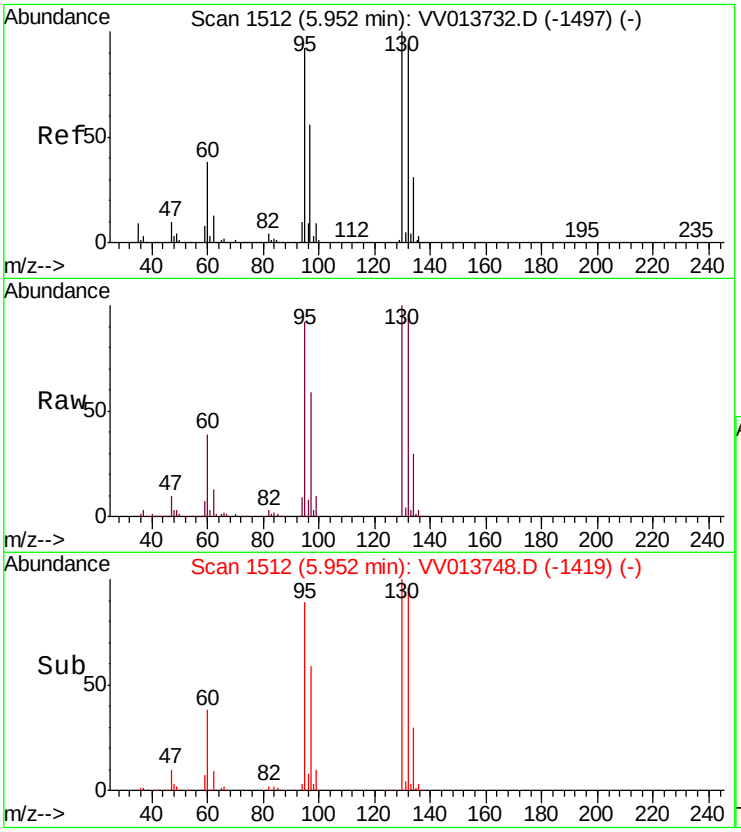


#25
Chloroform
Concen: 0.327 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 83 Resp: 11886

Ion	Ratio	Lower	Upper
83	100		
85	75.7	45.1	83.7



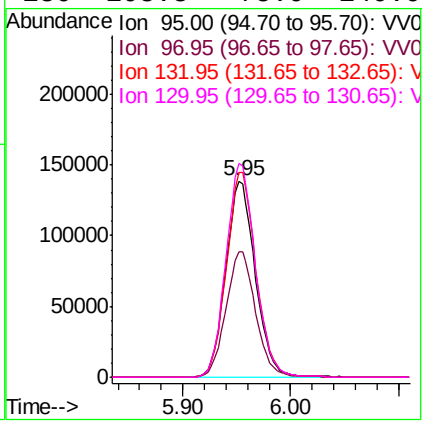


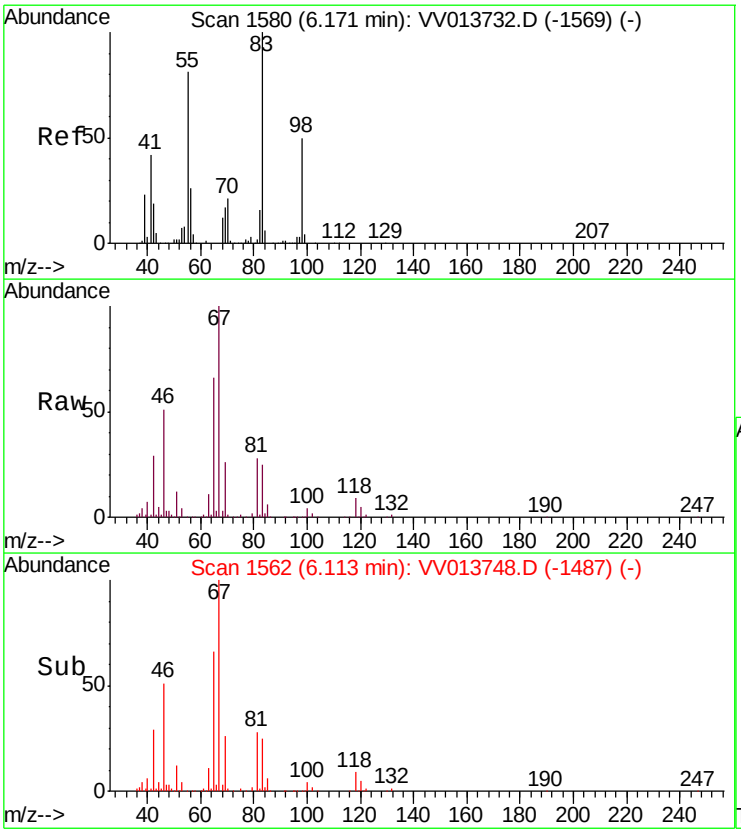
#34
Trichloroethene
Concen: 12.496 ug/L
RT: 5.95 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument :
MSVOA_V
ClientSampleId :
B0AC1DL

Tgt Ion: 95 Resp: 264918

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.6	84.8
132	104.1	70.5	130.9
130	108.8	75.9	140.9

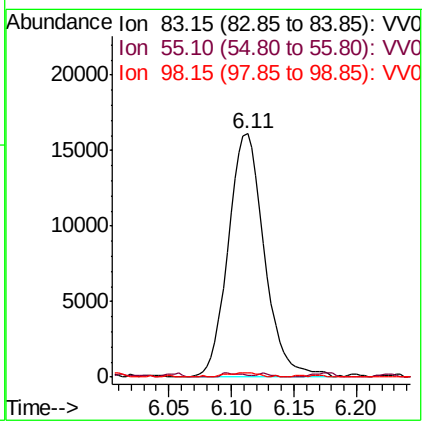


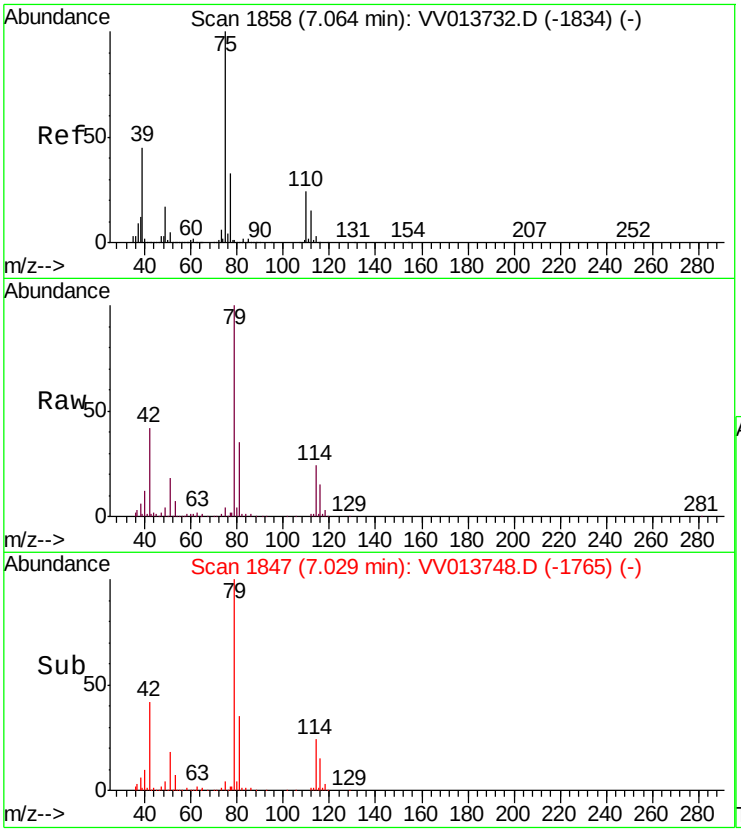


#35
Methylcyclohexane
Concen: 1.143 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 83 Resp: 32320

Ion	Ratio	Lower	Upper
83	100		
55	0.6	60.3	90.5#
98	1.5	38.1	57.1#



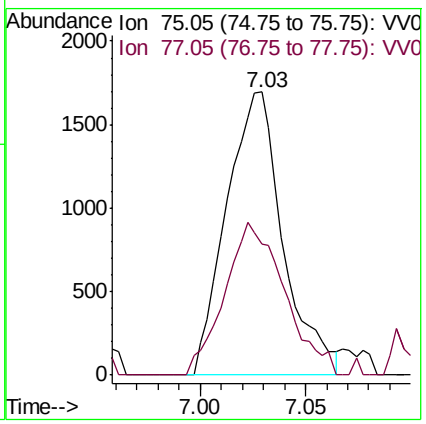


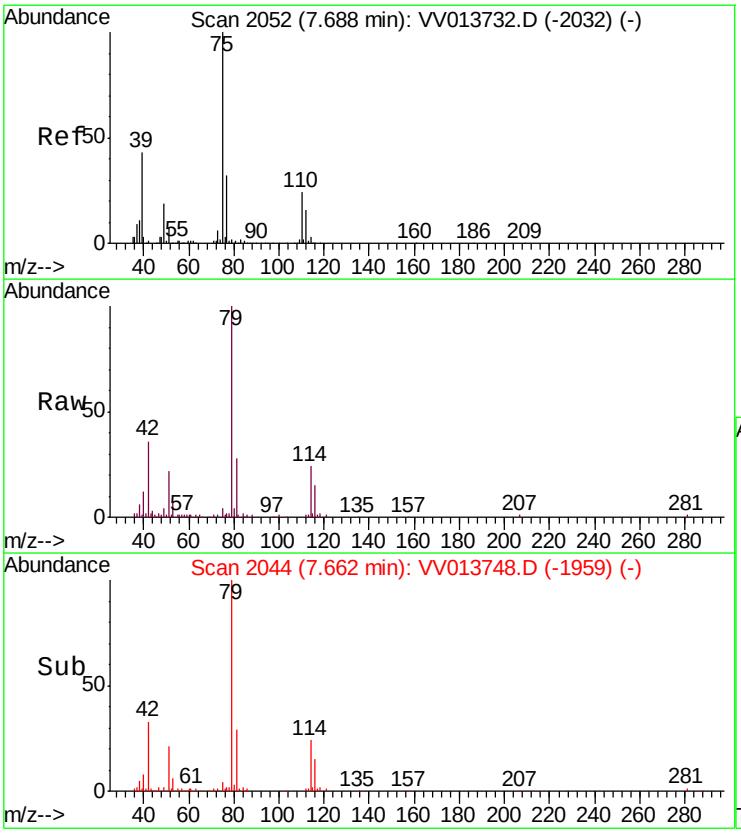
#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument :
MSVOA_V
ClientSampleId :
B0AC1DL

Tgt Ion: 75 Resp: 3158

Ion	Ratio	Lower	Upper
75	100		
77	46.1	22.5	41.9#

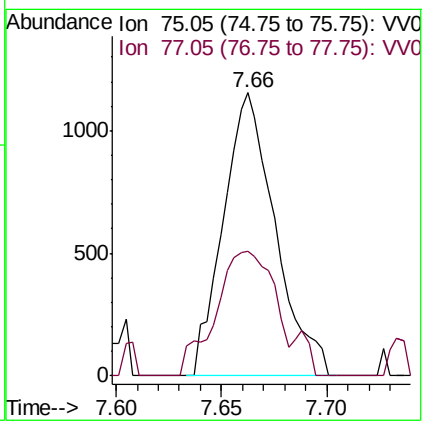


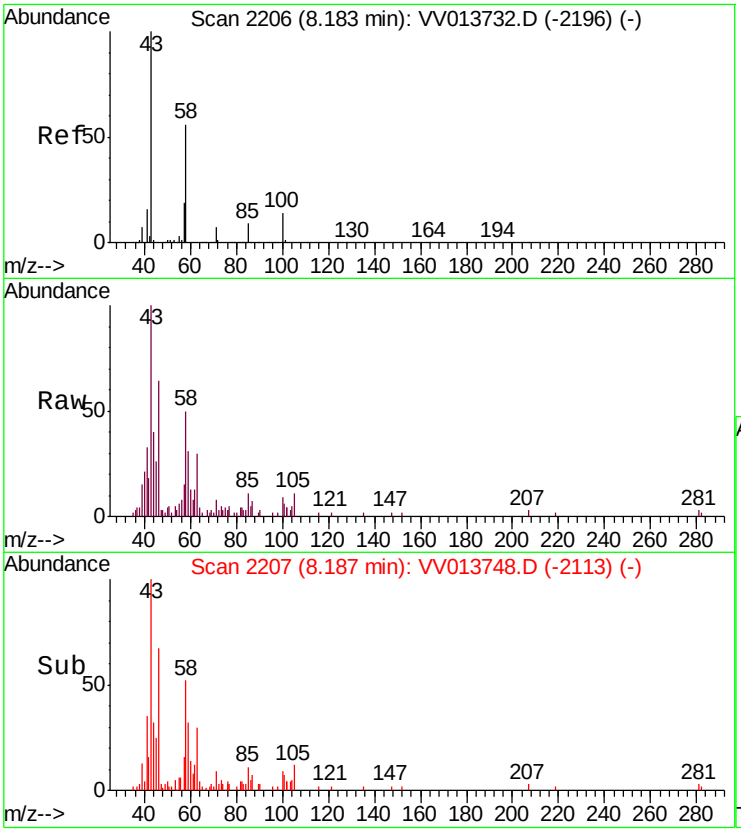


#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 75 Resp: 1979

Ion	Ratio	Lower	Upper
75	100		
77	44.0	23.0	42.8#



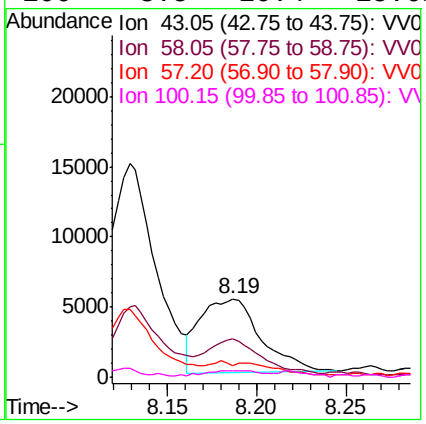


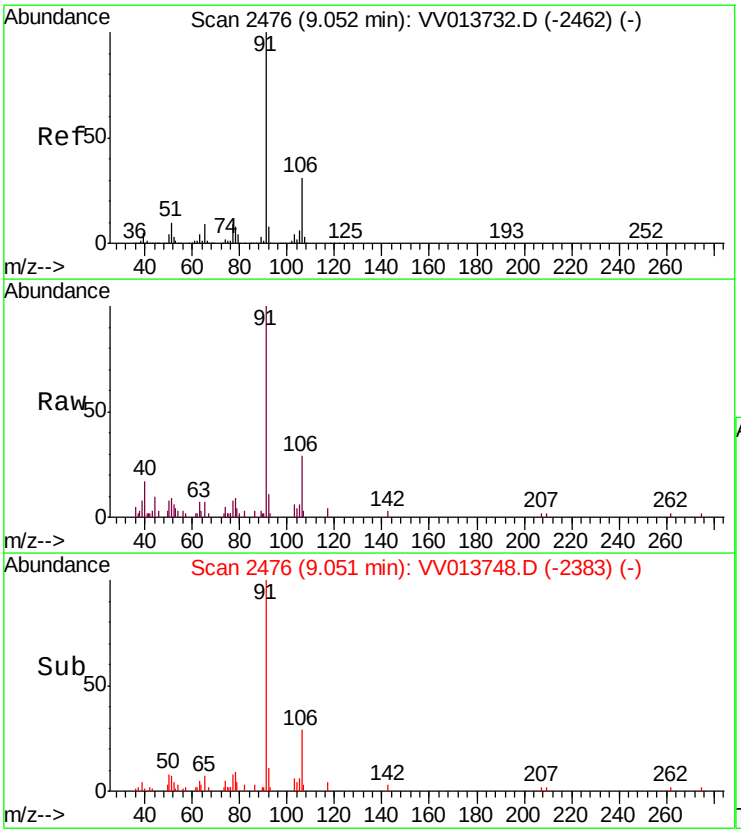
#48
2-Hexanone
Concen: 1.495 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument : MSVOA_V
ClientSampleId : B0AC1DL

Tgt Ion: 43 Resp: 12299

Ion	Ratio	Lower	Upper
43	100		
58	43.9	43.2	64.8
57	0.0	15.4	23.2#
100	8.5	10.4	15.6#

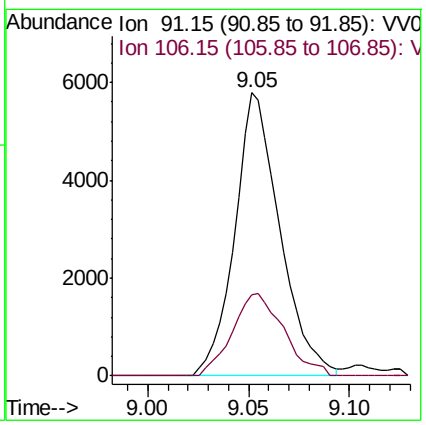


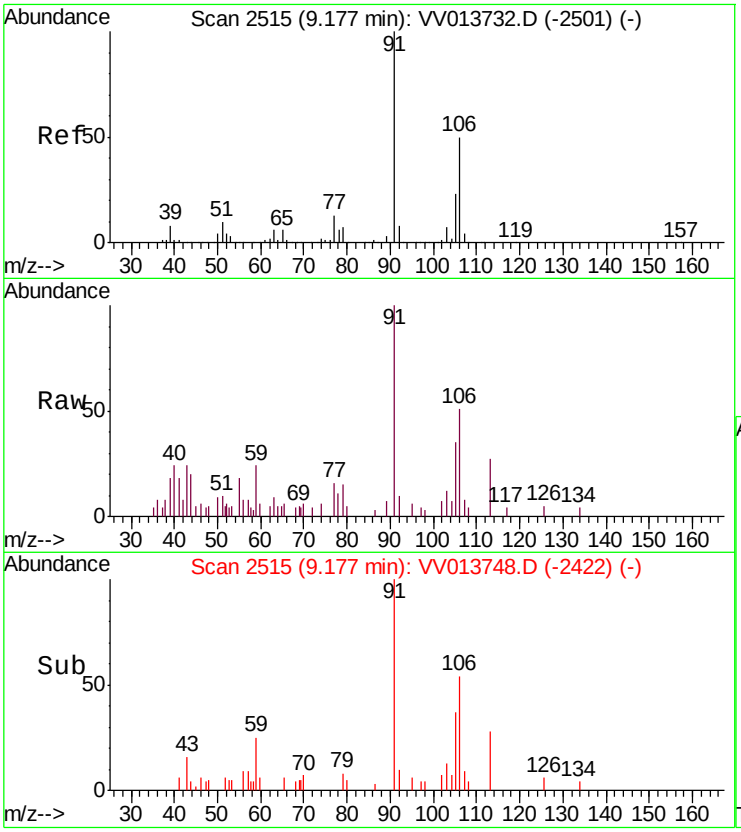


#52
Ethylbenzene
Concen: 0.101 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. -0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion: 91 Resp: 9062

Ion	Ratio	Lower	Upper
91	100		
106	28.7	22.1	41.1



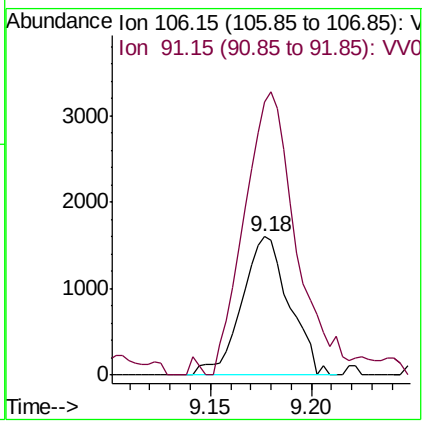


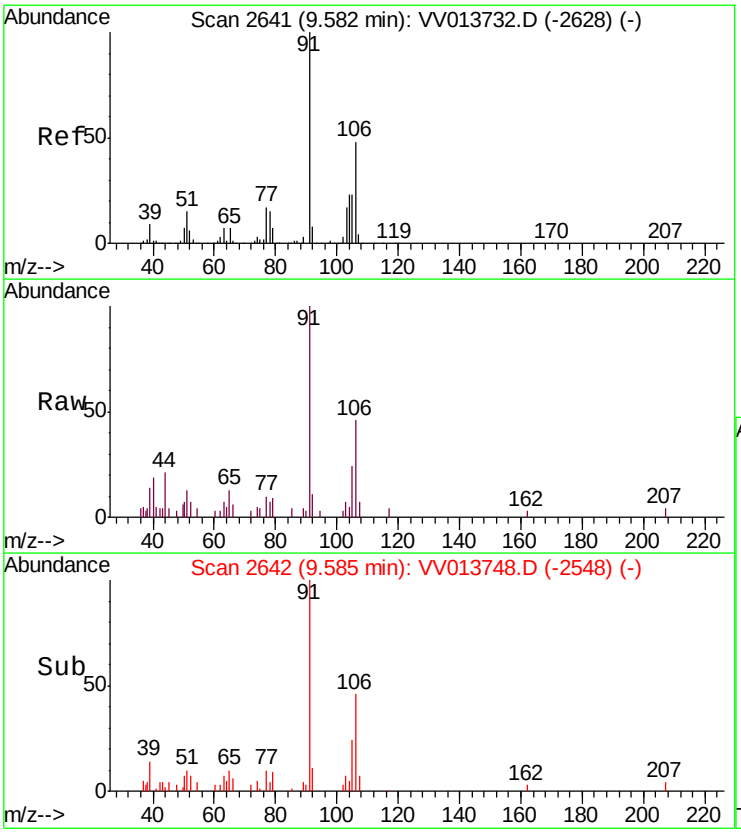
#53
m,p-xylene
Concen: 0.077 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Instrument :
MSVOA_V
ClientSampleId :
B0AC1DL

Tgt Ion:106 Resp: 2631

Ion	Ratio	Lower	Upper
106	100		
91	197.2	139.9	259.9





#54
o-xylene
Concen: 0.084 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013748.D
Acq: 22 Nov 2019 21:00

Tgt Ion:106 Resp: 2787

Ion	Ratio	Lower	Upper
106	100		
91	218.4	145.5	270.3