Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070620\
Data File : VV017360.D
Acq On : 06 Jul 2020 18:52
Operator : SY/MD
Sample : L3168-09DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ5DL

Quant Time: Jul 07 01:20:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159396	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155407	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75501	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	38561	4.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.60%			
7) Chloroethane-d5	1.58	69	33564	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.60%			
11) 1,1-Dichloroethene-d2	2.12	63	64645	3.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.00%			
20) 2-Butanone-d5	3.96	46	98520	40.41	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.82%			
24) Chloroform-d	4.38	84	94795	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
26) 1,2-Dichloroethane-d4	5.06	65	54106	4.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.80%			
32) Benzene-d6	5.07	84	176564	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
36) 1,2-Dichloropropane-d6	6.10	67	48535	4.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.40%			
41) Toluene-d8	7.34	98	155804	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
45) trans-1,3-Dichloropropene-	7.64	79	20361	4.05	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.00%			
48) 2-Hexanone-d5	8.12	63	68022	35.51	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 71.02%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33924	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
65) 1,2-Dichlorobenzene-d4	11.65	152	64080	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	802	0.095	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	760	0.099	ug/L #	1
16) Methylene chloride	2.53	84	1835	0.224	ug/L	84
25) Chloroform	4.40	83	4052	0.204	ug/L	85
35) Methylcyclohexane	6.10	83	13259	0.716	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6561	0.651	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1650	0.110	ug/L #	48
47) 1,1,2-Trichloroethane	7.99	97	3153	0.441	ug/L #	45
49) Tetrachloroethene	8.00	164	307887	32.098	ug/L	99
50) 2-Hexanone	8.16	43	5003	1.209	ug/L #	85
51) Dibromochloromethane	7.99	129	274403	31.680	ug/L #	11

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

Quantitation Report (Not Reviewed)

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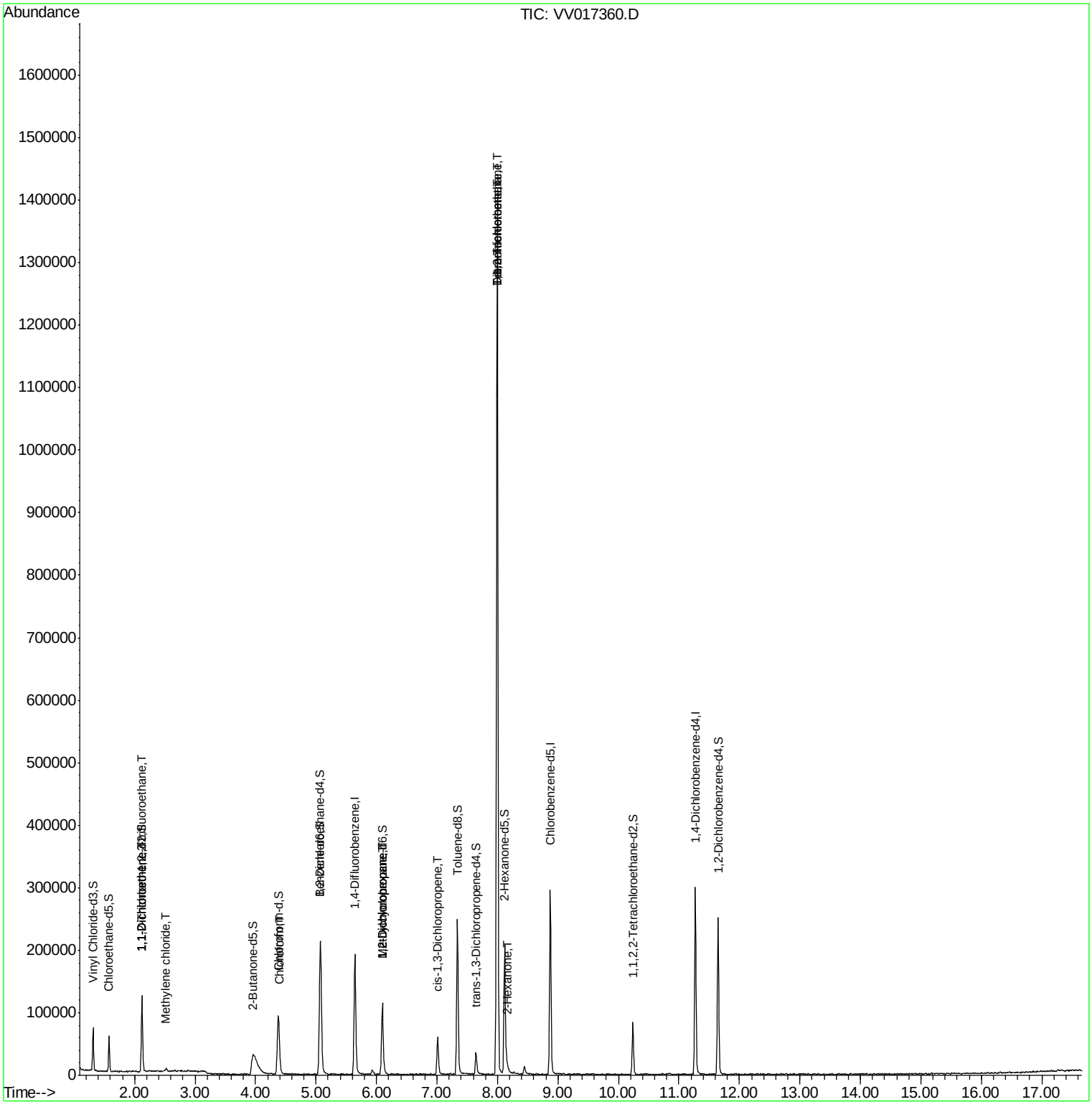
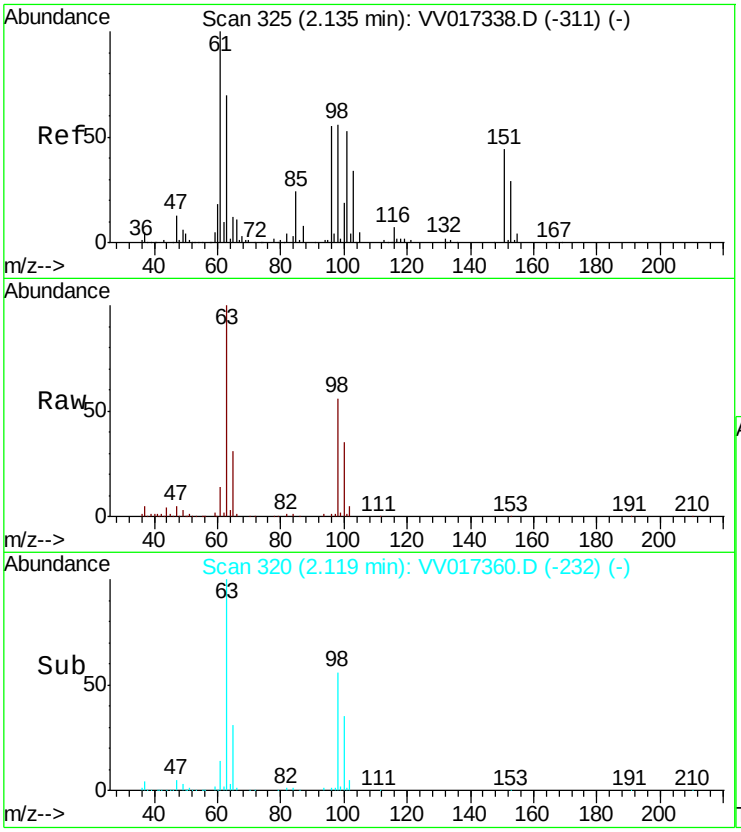
Data File : VV017360.D
Acq On : 06 Jul 2020 18:52
Operator : SY/MD
Sample : L3168-09DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Quant Time: Jul 07 01:20:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration



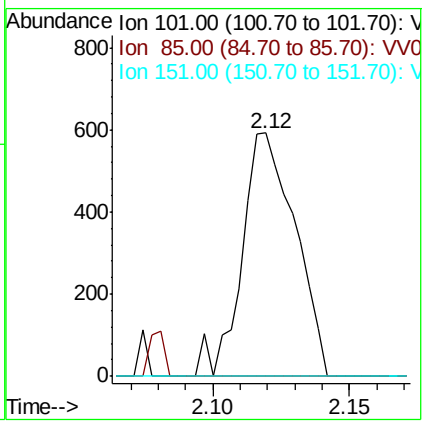


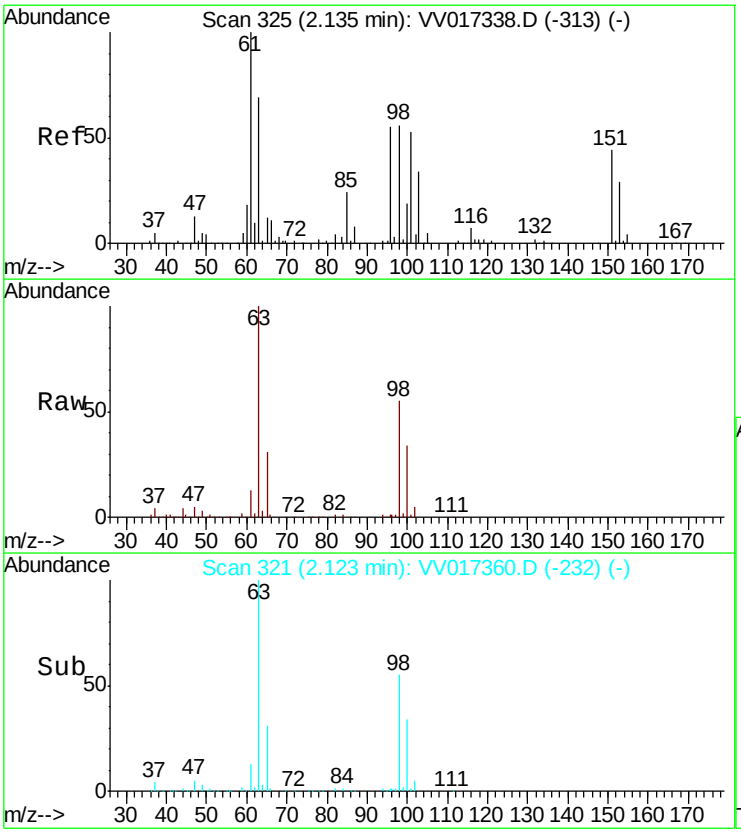
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.095 ug/L
RT: 2.12 min Scan# 320
Delta R.T. -0.02 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Tgt Ion:101 Resp: 802

Ion	Ratio	Lower	Upper
101	100		
85	5.1	35.4	53.2#
151	0.0	63.9	95.9#

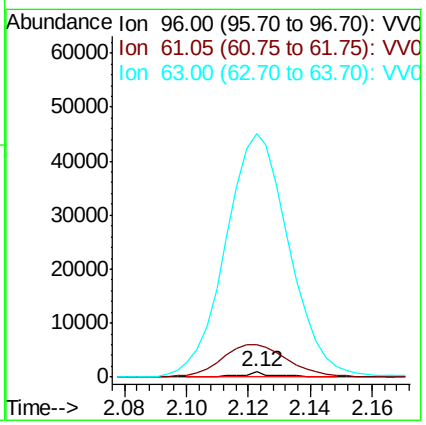


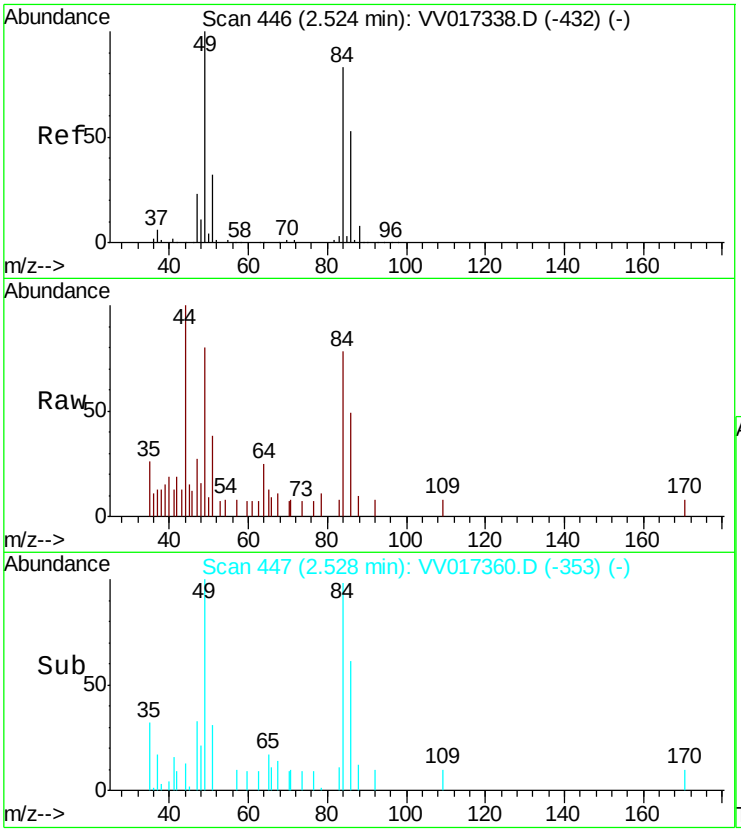


#12
1,1-Dichloroethene
Concen: 0.099 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Tgt Ion: 96 Resp: 760

Ion	Ratio	Lower	Upper
96	100		
61	661.4	125.0	232.2#
63	4950.2	109.8	203.8#



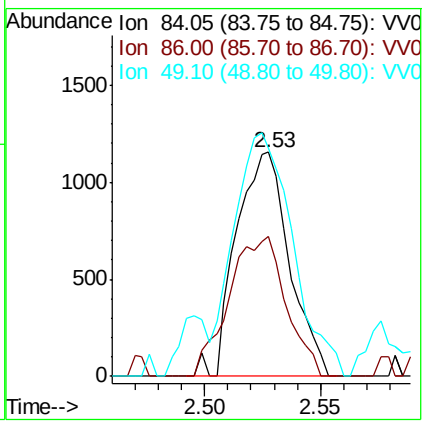


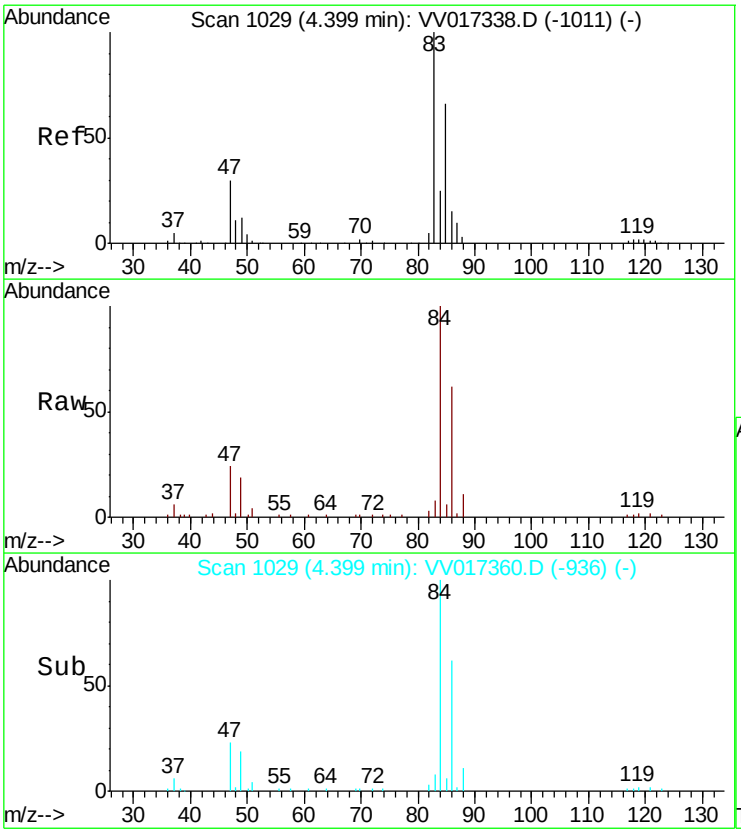
#16
Methylene chloride
Concen: 0.224 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Instrument : MSVOA_V
ClientSampleId : C0AJ5DL

Tgt Ion: 84 Resp: 1835

Ion	Ratio	Lower	Upper
84	100		
86	62.5	45.8	85.0
49	101.8	89.6	166.4

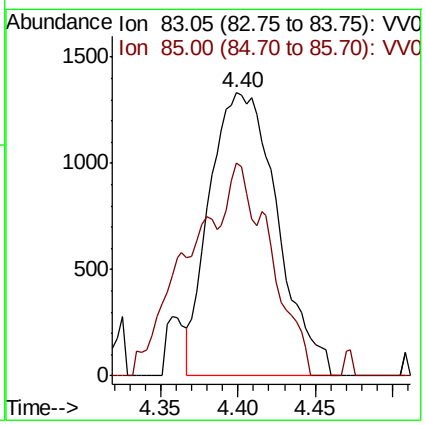


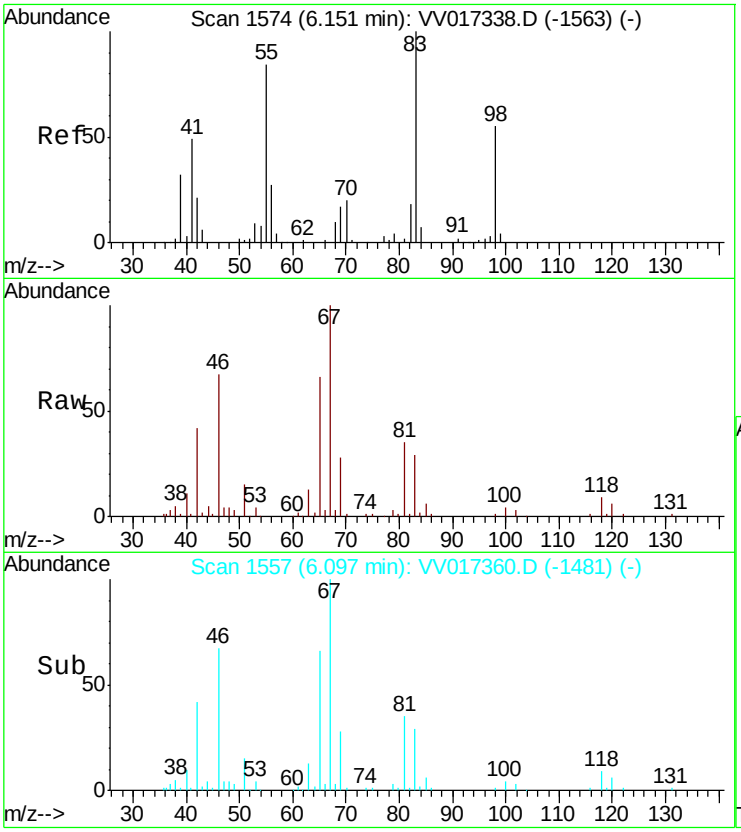


#25
Chloroform
Concen: 0.204 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Tgt Ion: 83 Resp: 4052

Ion	Ratio	Lower	Upper
83	100		
85	75.2	44.2	82.2



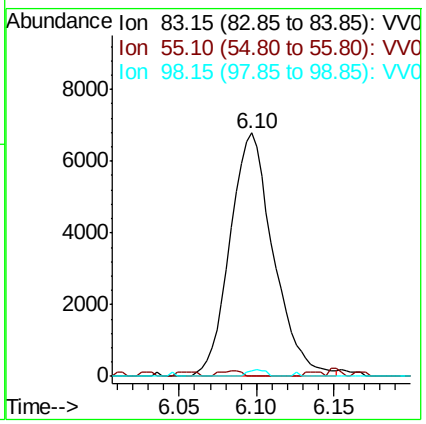


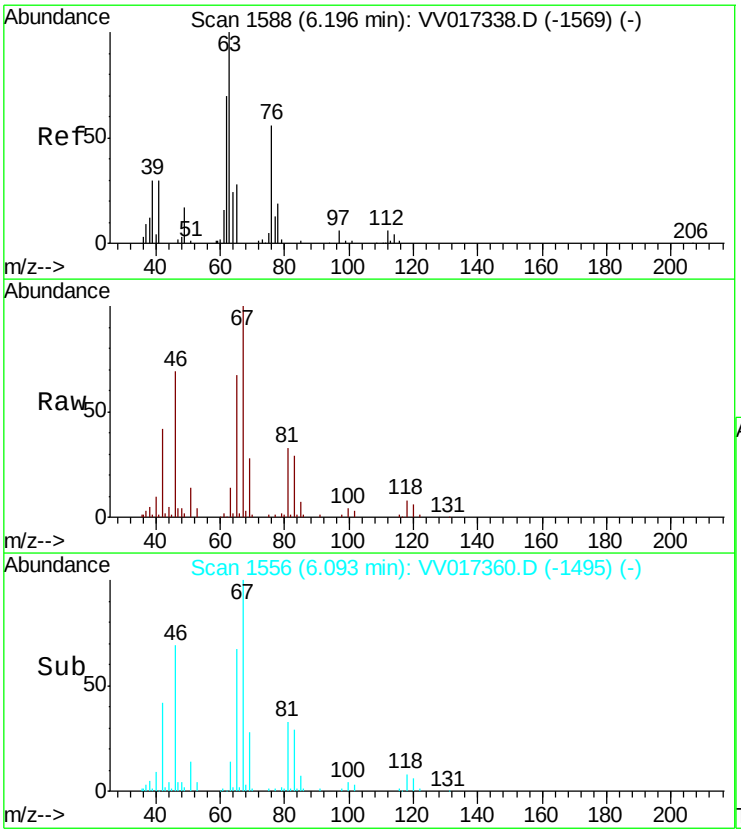
#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Instrument : MSVOA_V
ClientSampleId : C0AJ5DL

Tgt Ion: 83 Resp: 13259

Ion	Ratio	Lower	Upper
83	100		
55	1.1	63.6	95.4#
98	1.1	38.8	58.2#

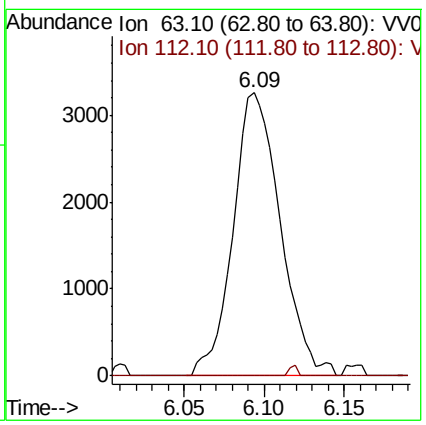


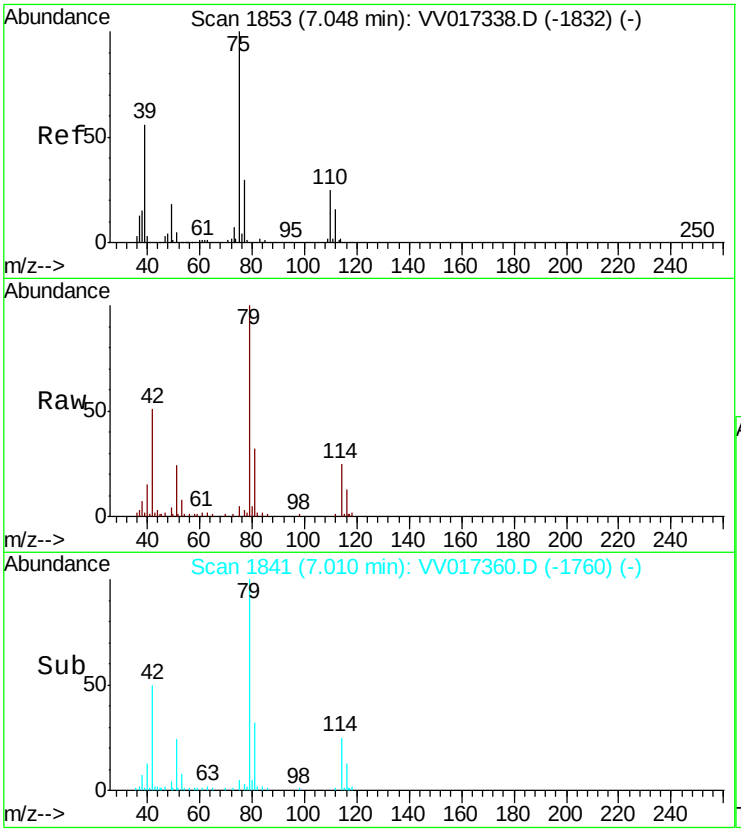


#37
1,2-Dichloropropane
Concen: 0.651 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Tgt Ion: 63 Resp: 6561

Ion	Ratio	Lower	Upper
63	100		
112	0.7	4.4	6.6#



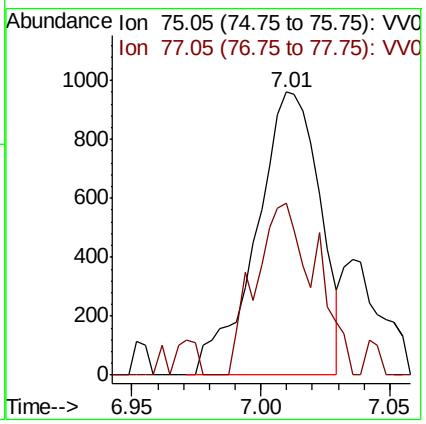


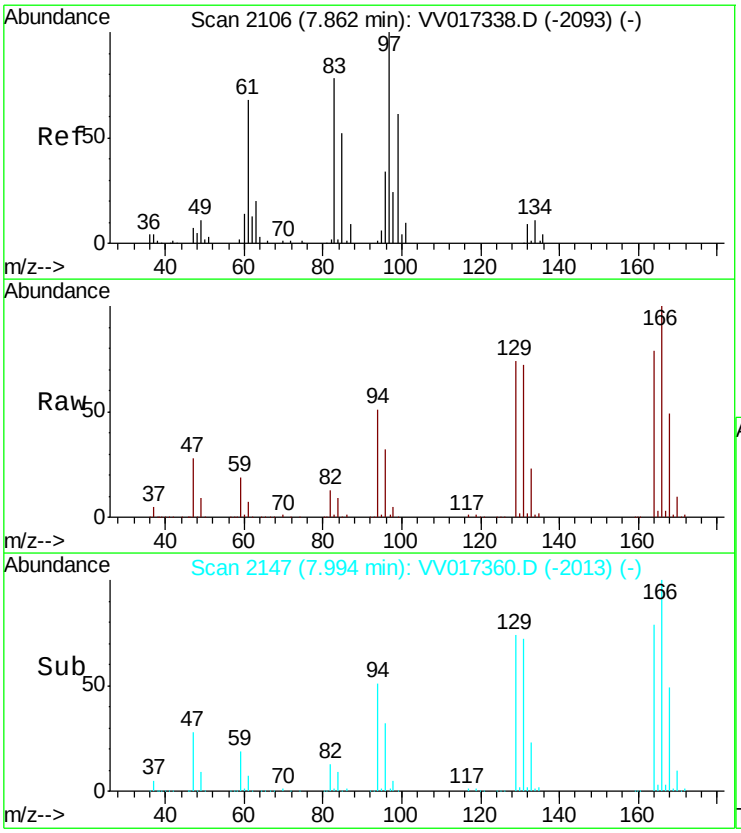
#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Tgt Ion: 75 Resp: 1650

Ion	Ratio	Lower	Upper
75	100		
77	60.7	22.3	41.5#

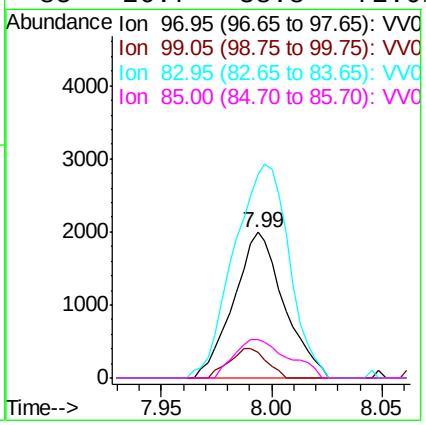


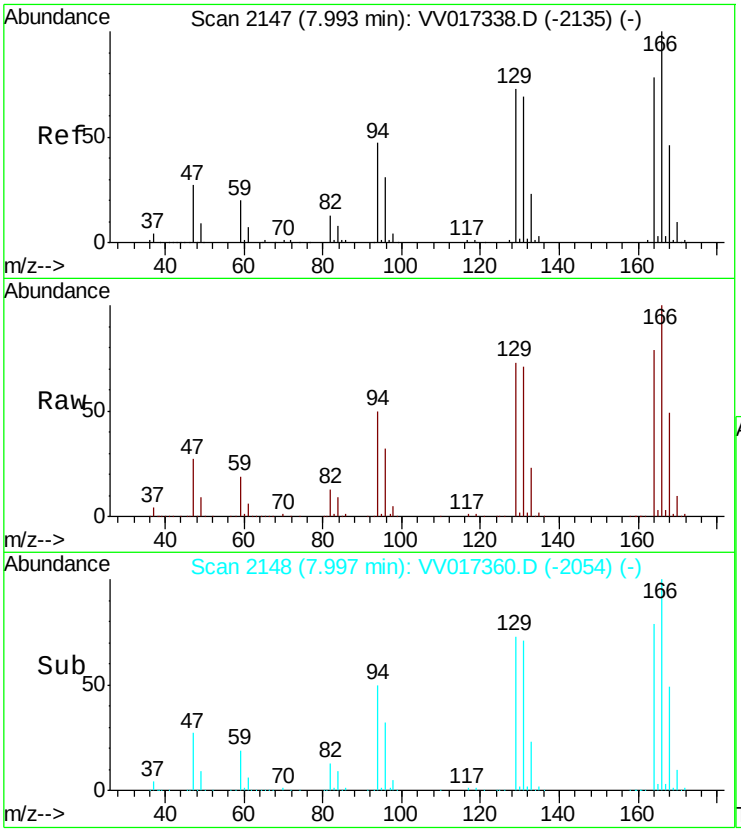


#47
1,1,2-Trichloroethane
Concen: 0.441 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.13 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Tgt Ion: 97 Resp: 3153

Ion	Ratio	Lower	Upper
97	100		
99	17.4	43.6	81.0#
83	139.3	57.4	106.6#
85	26.7	38.8	72.0#



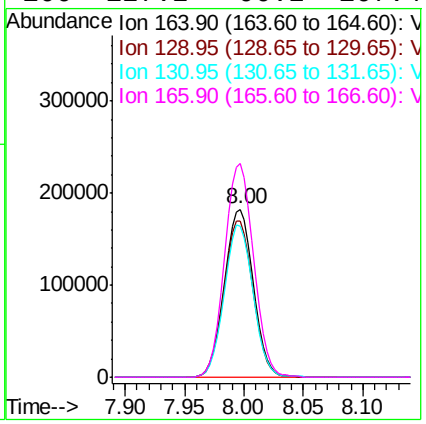


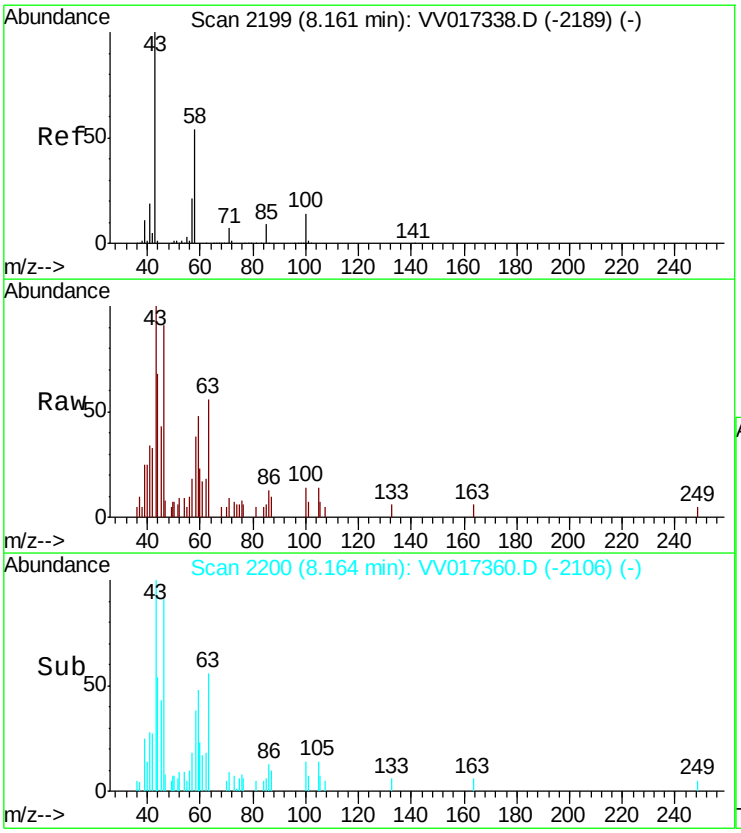
#49
Tetrachloroethene
Concen: 32.098 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Tgt Ion:164 Resp: 307887

Ion	Ratio	Lower	Upper
164	100		
129	92.9	65.2	121.0
131	90.2	64.1	119.1
166	127.2	90.2	167.4

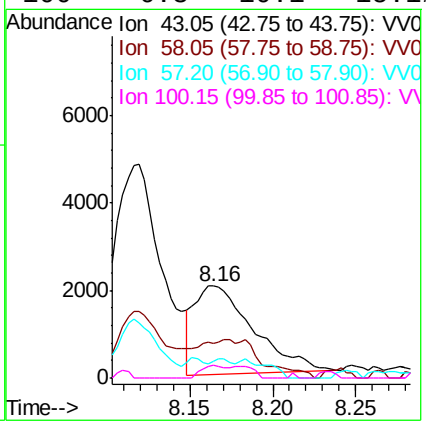


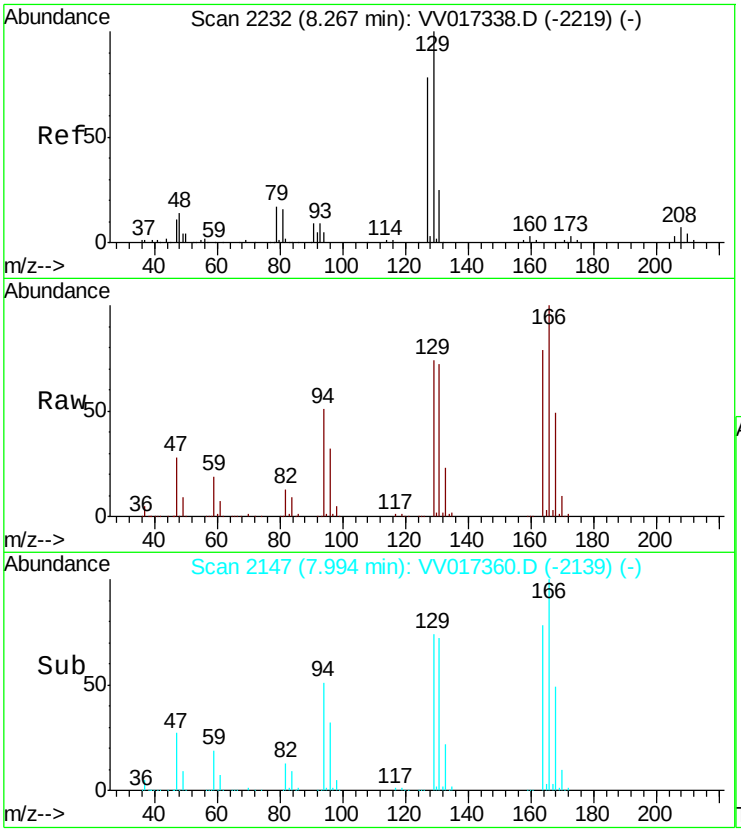


#50
2-Hexanone
Concen: 1.209 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Tgt Ion: 43 Resp: 5003

Ion	Ratio	Lower	Upper
43	100		
58	44.6	41.6	62.4
57	7.3	15.4	23.0#
100	6.3	10.1	15.1#





#51
Dibromochloromethane
Concen: 31.680 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV017360.D
Acq: 06 Jul 2020 18:52

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5DL

Tgt Ion:129 Resp: 274403

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#