Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101419\
Data File : VN058765.D
Acq On : 14 Oct 2019 21:20
Operator : JC/SP
Sample : K5266-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AMENDED-COMPOSITE-CRE

Quant Time: Oct 15 03:16:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	384794	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	647282	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	593549	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251582	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	304009	56.43	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.86%				
35) Dibromofluoromethane	7.66	113	623	0.16	ug/l		0.08
Spiked Amount 50.000			Recovery = 0.32%				
50) Toluene-d8	10.08	98	796655	49.83	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.66%				
62) 4-Bromofluorobenzene	12.41	95	272219	44.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.96%				
Target Compounds							Qvalue
4) Vinyl Chloride	2.17	62	46876	8.259	ug/l		98
6) Chloroethane	2.69	64	3154	0.901	ug/l		91
11) Tert butyl alcohol	4.75	59	427	0.489	ug/l	#	72
12) 1,1-Dichloroethene	3.72	96	3953	1.070	ug/l	#	82
13) Acrolein	3.59	56	199	0.284	ug/l	#	32
16) Acetone	3.80	43	38968	17.473	ug/l		98
20) Methylene Chloride	4.53	84	66506	14.269	ug/l		98
24) 1,1-Dichloroethane	5.83	63	22125	2.679	ug/l		99
25) 2-Butanone	6.82	43	7745	2.403	ug/l	#	81
27) cis-1,2-Dichloroethene	6.81	96	160507	33.298	ug/l		88
29) Tetrahydrofuran	7.21	42	460	0.221	ug/l	#	41
31) Cyclohexane	7.64	56	10664	1.350	ug/l	#	14
36) 1,1-Dichloropropene	7.65	75	32246	4.927	ug/l	#	51
37) Ethyl Acetate	6.89	43	1907	0.288	ug/l	#	69
38) Carbon Tetrachloride	7.65	117	38434	6.026	ug/l	#	17
39) Methylcyclohexane	9.07	83	4165	0.548	ug/l	#	86
42) 1,2-Dichloroethane	8.11	62	3296	0.456	ug/l	#	78
48) Methyl methacrylate	9.15	41	1271	0.249	ug/l	#	45
60) Dibromochloromethane	10.63	129	1513	0.312	ug/l	#	11
64) Tetrachloroethene	10.63	164	1493	0.359	ug/l	#	81
65) Chlorobenzene	11.43	112	4506	0.374	ug/l		98
74) N-amyl acetate	12.03	43	2562	0.313	ug/l	#	46
76) 1,2,3-Trichloropropane	12.40	75	145889	26.433	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.40	75	145889	70.807	ug/l	#	11
90) Hexachloroethane	14.00	117	2735	0.958	ug/l	#	10
91) 1,2-Dichlorobenzene	13.66	146	2736	0.343	ug/l		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101419\
Data File : VN058765.D
Acq On : 14 Oct 2019 21:20
Operator : JC/SP
Sample : K5266-14
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Quant Time: Oct 15 03:16:45 2019
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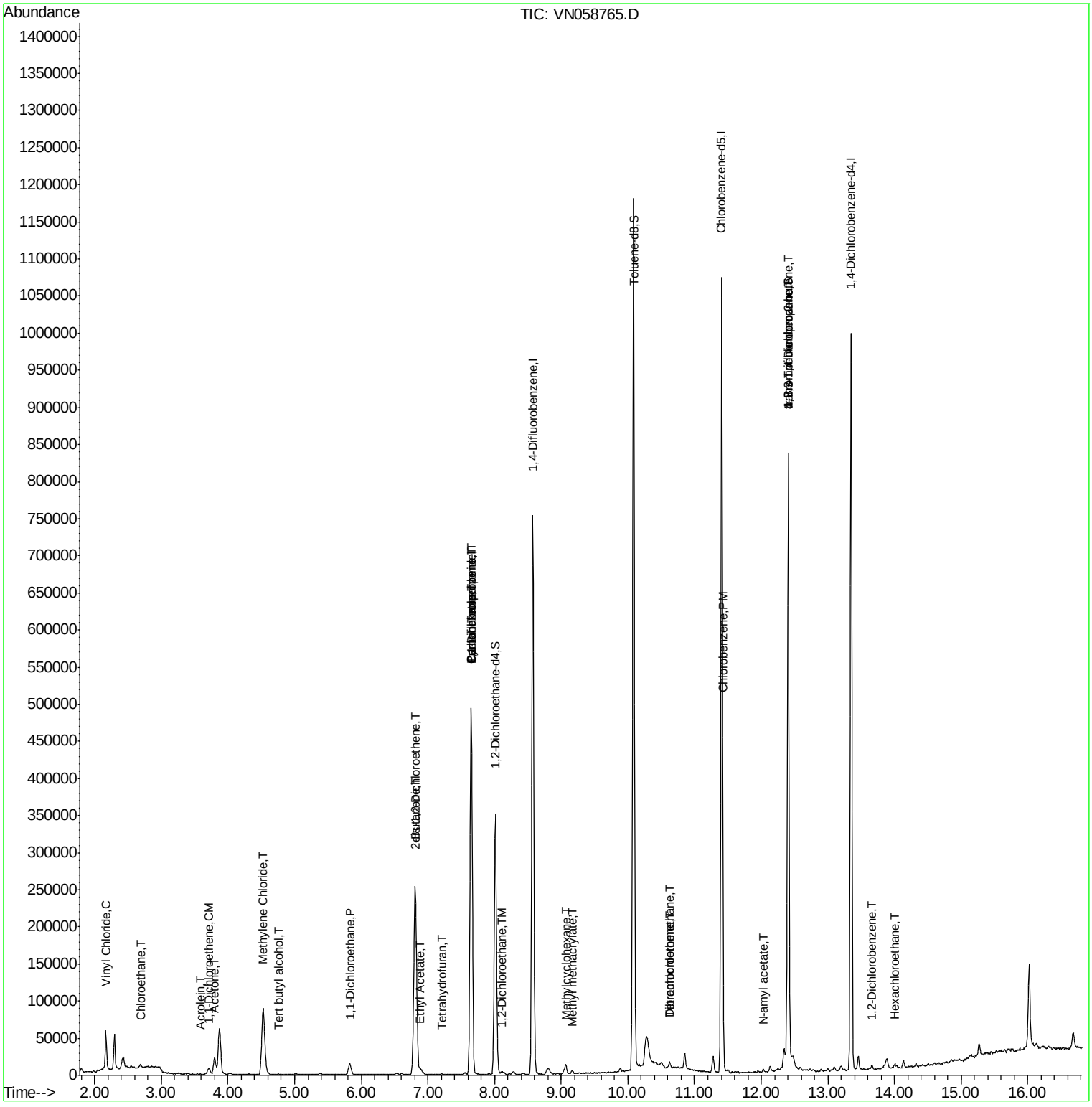
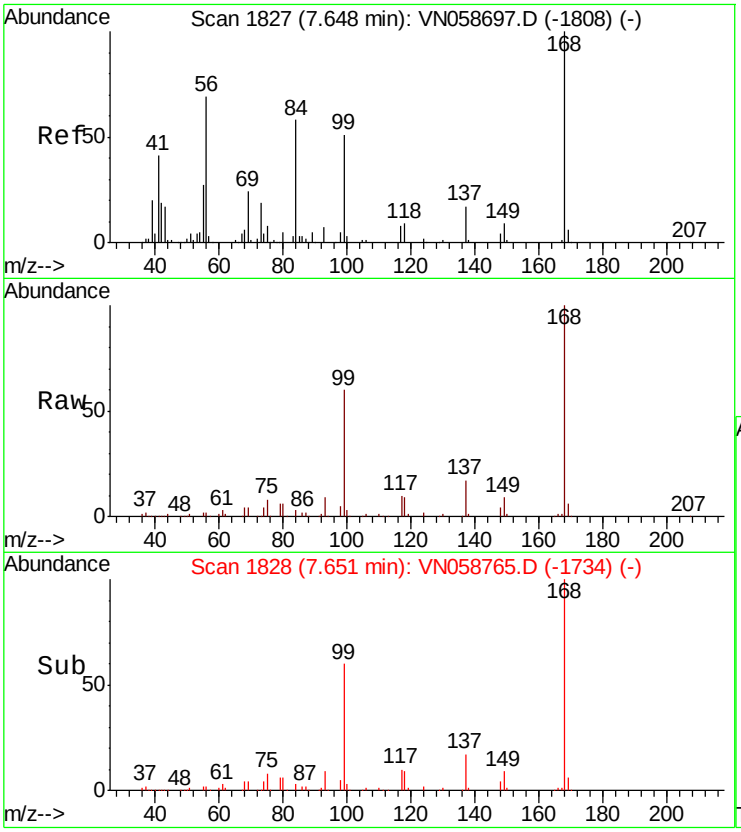


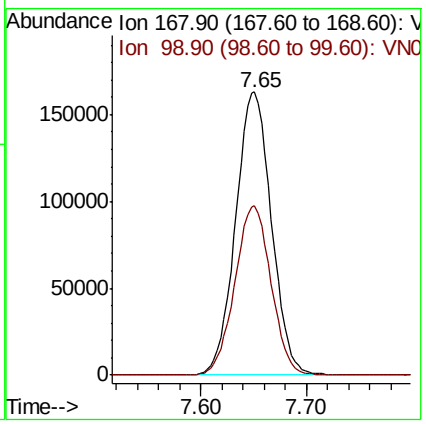


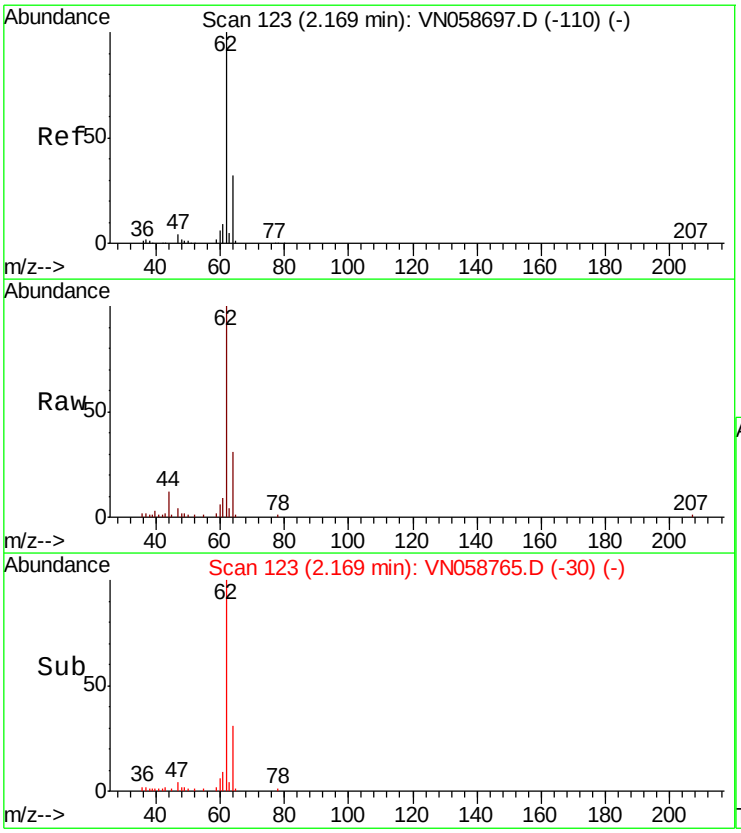
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion:168 Resp: 384794

Ion	Ratio	Lower	Upper
168	100		
99	59.6	47.5	71.3

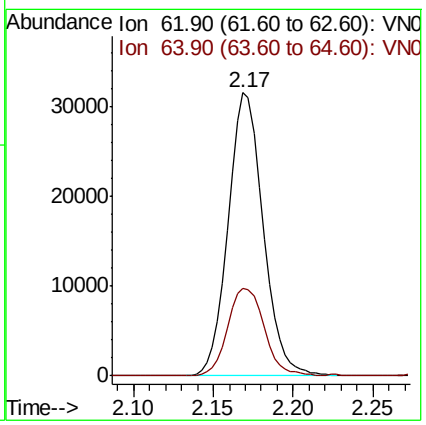


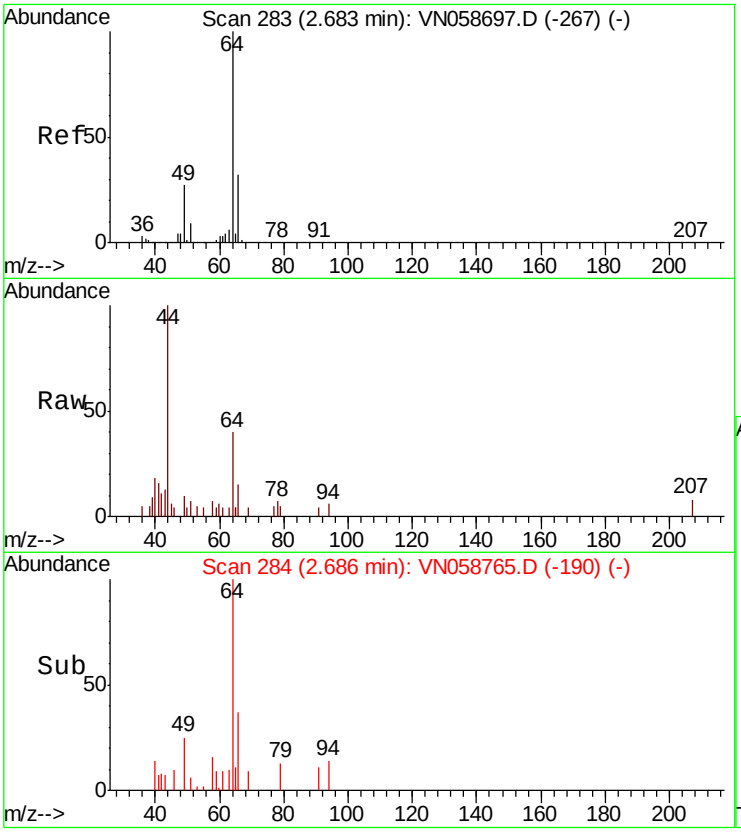


#4
Vinyl Chloride
Concen: 8.259 ug/l
RT: 2.17 min Scan# 123
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 62 Resp: 46876

Ion	Ratio	Lower	Upper
62	100		
64	30.7	25.3	37.9



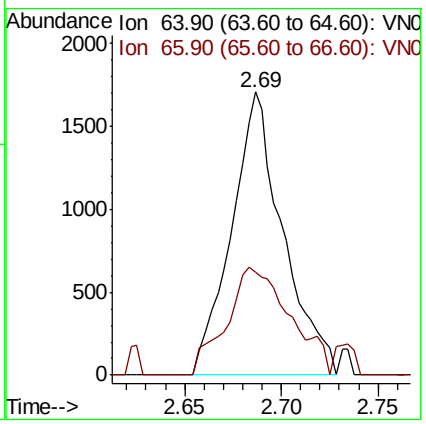


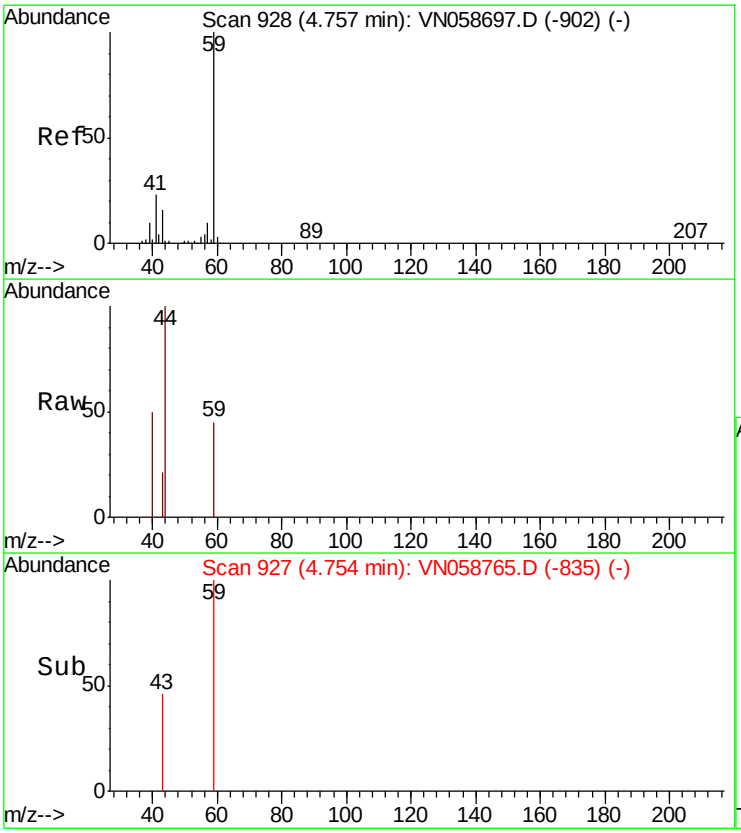
#6
Chloroethane
Concen: 0.901 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 64 Resp: 3154

Ion	Ratio	Lower	Upper
64	100		
66	36.6	25.4	38.2

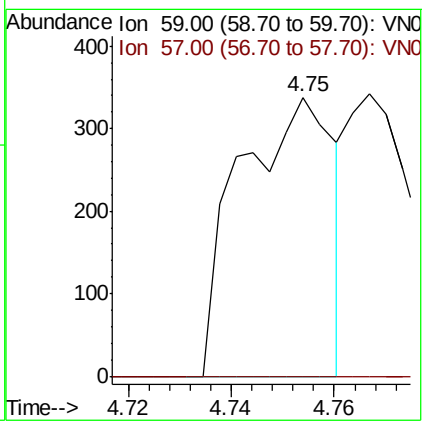


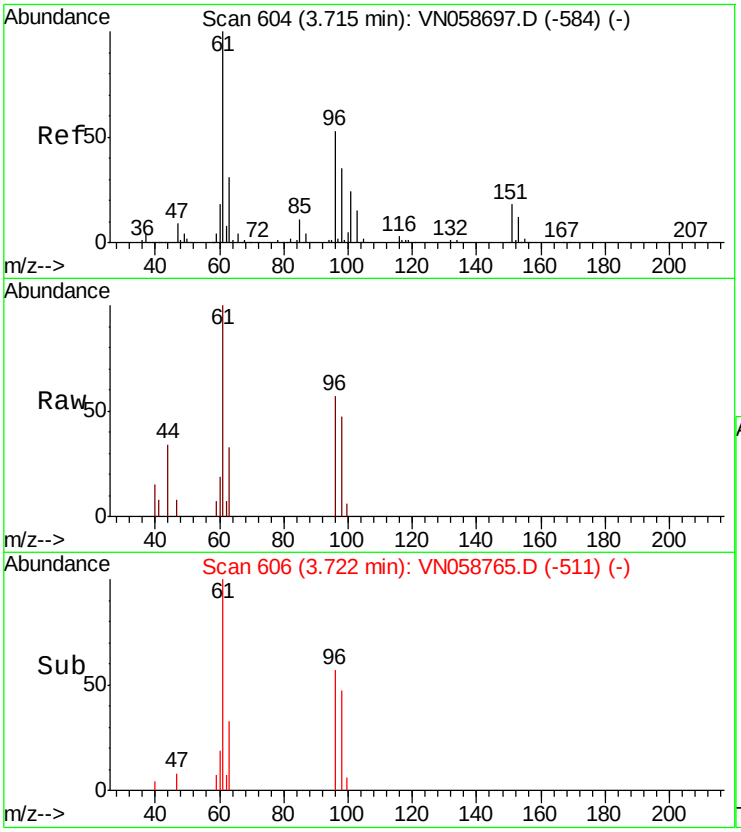


#11
Tert butyl alcohol
Concen: 0.489 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 59 Resp: 427

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



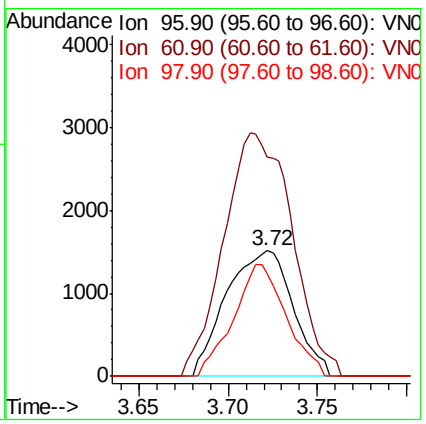


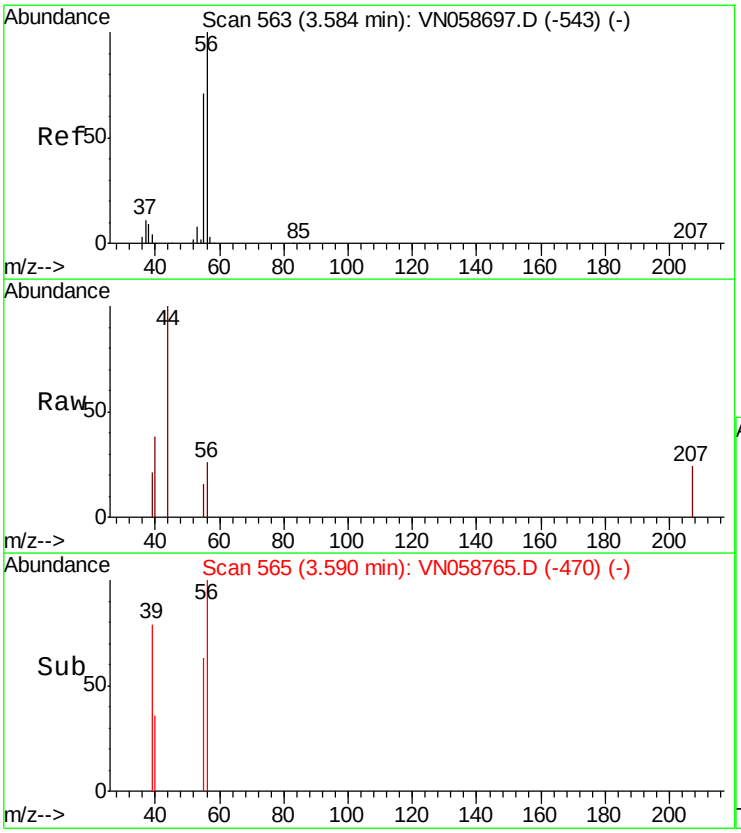
#12
1,1-Dichloroethene
Concen: 1.070 ug/l
RT: 3.72 min Scan# 606
Delta R.T. 0.01 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 96 Resp: 3953

Ion	Ratio	Lower	Upper
96	100		
61	163.6	151.3	226.9
98	82.2	52.6	78.8#

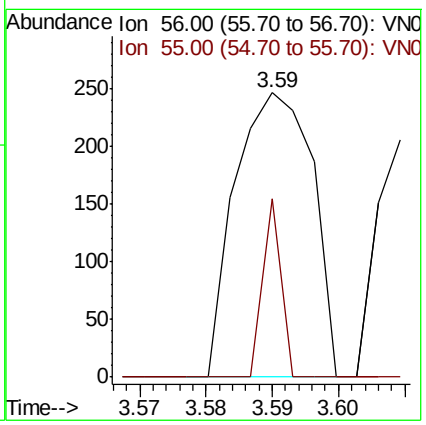


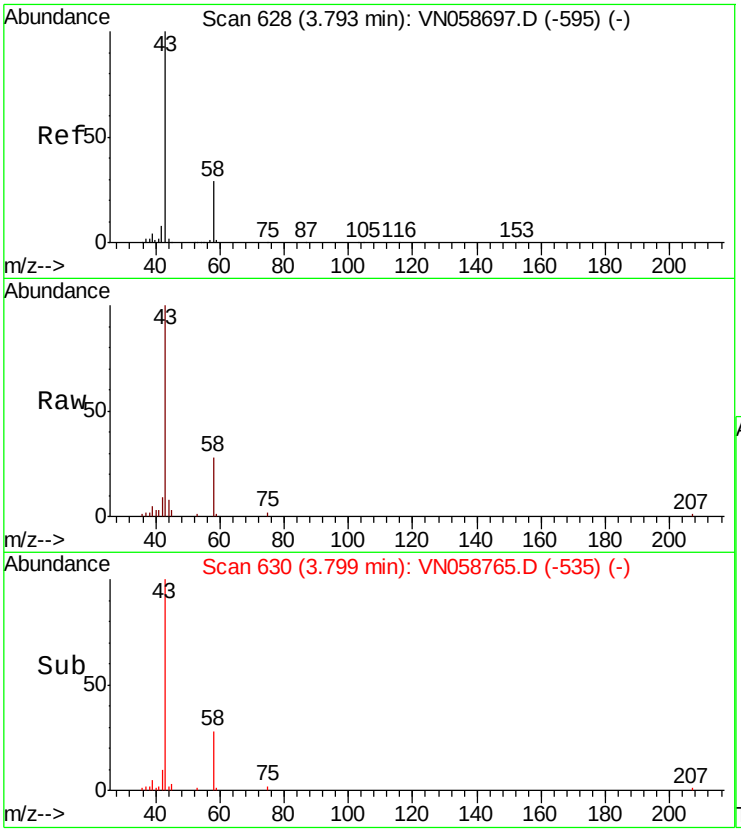


#13
Acrolein
Concen: 0.284 ug/l
RT: 3.59 min Scan# 565
Delta R.T. 0.01 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 56 Resp: 199

Ion	Ratio	Lower	Upper
56	100		
55	15.1	56.7	85.1#



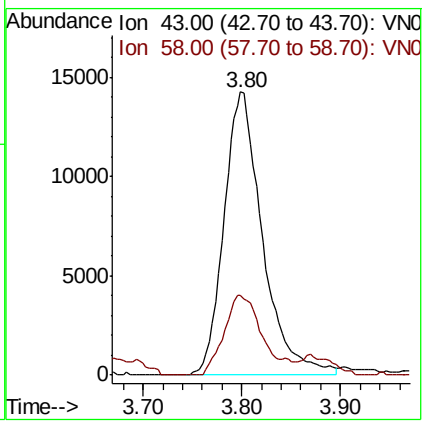


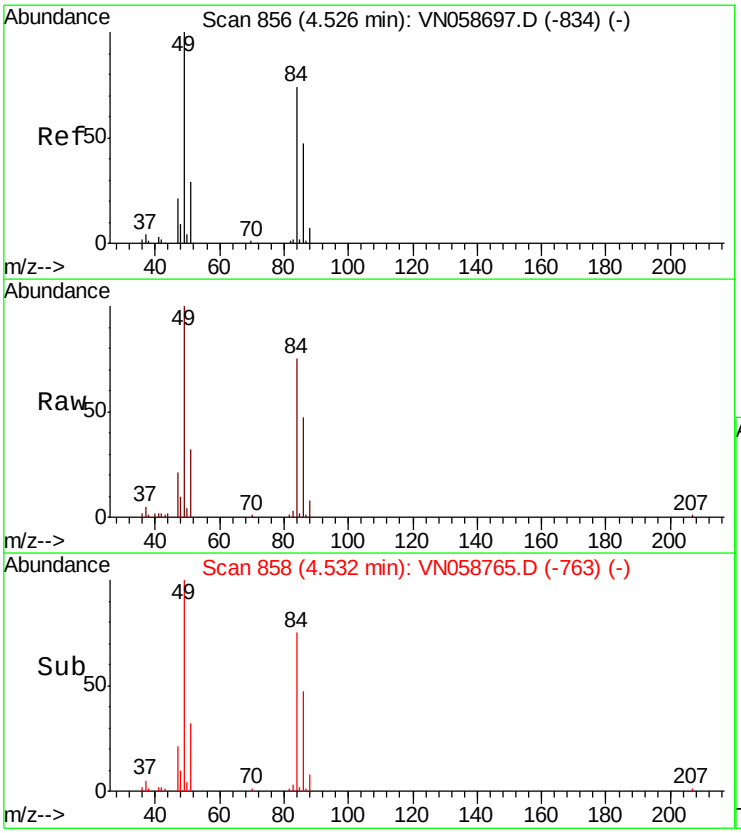
#16
Acetone
Concen: 17.473 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 43 Resp: 38968

Ion	Ratio	Lower	Upper
43	100		
58	28.2	23.3	34.9

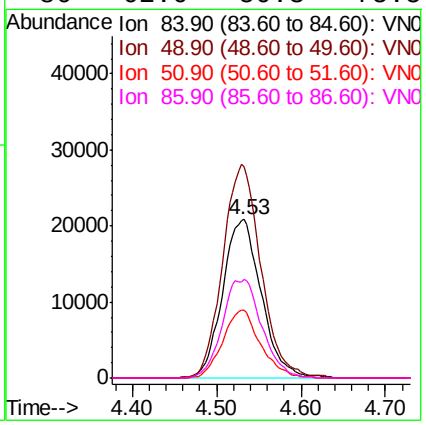


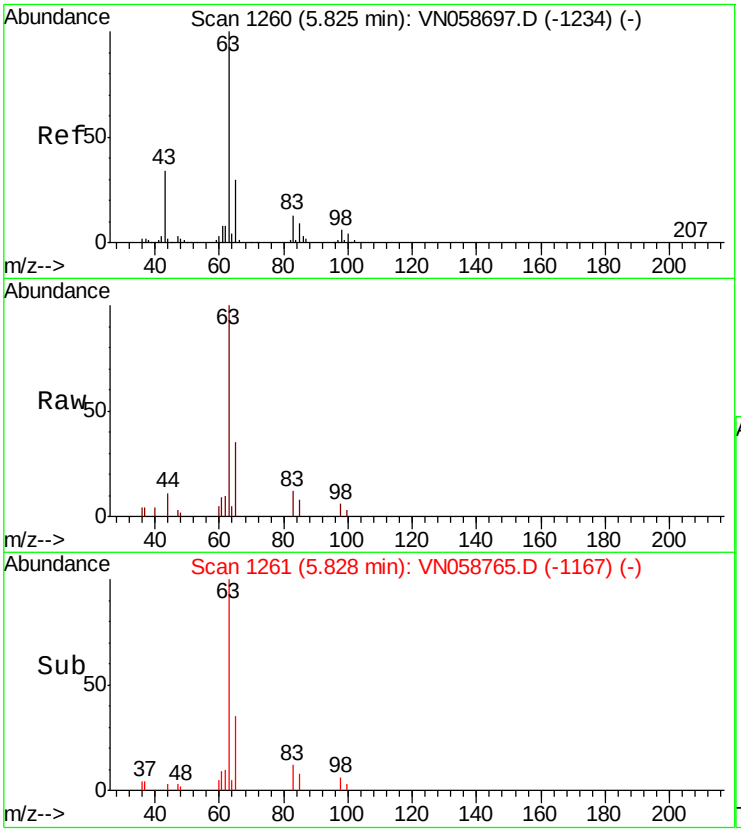


#20
Methylene Chloride
Concen: 14.269 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 84 Resp: 66506

Ion	Ratio	Lower	Upper
84	100		
49	133.2	107.6	161.4
51	42.8	31.4	47.0
86	62.0	50.3	75.5



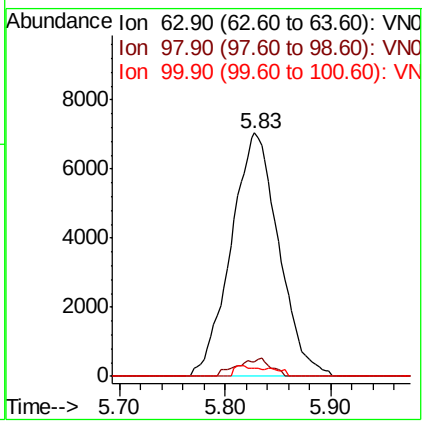


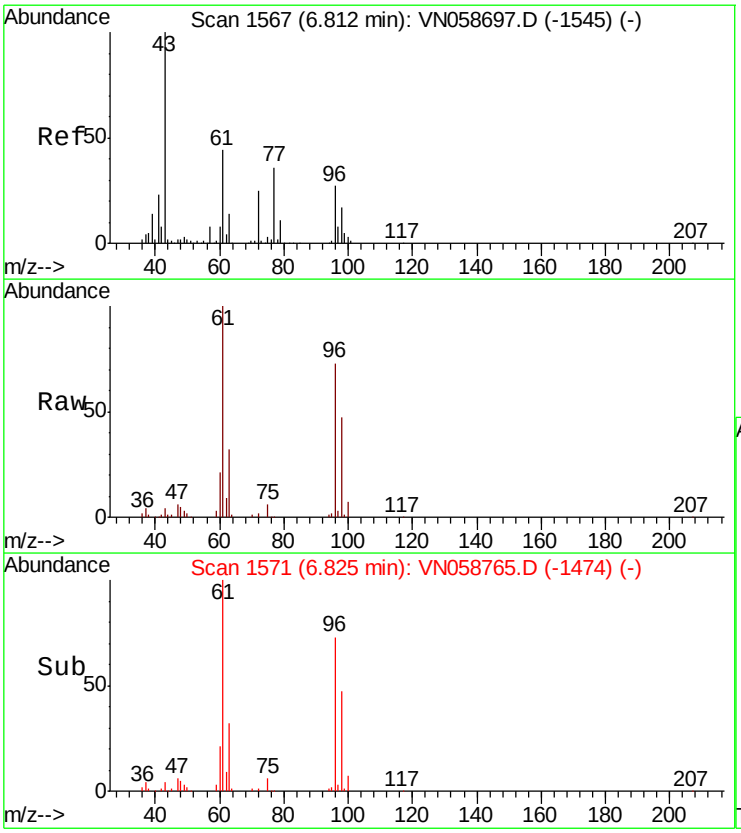
#24
1,1-Dichloroethane
Concen: 2.679 ug/l
RT: 5.83 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument : MSVOA_N
ClientSampleId : AMENDED-COMPOSITE-CRE

Tgt Ion: 63 Resp: 22125

Ion	Ratio	Lower	Upper
63	100		
98	5.8	2.9	8.6
100	3.2	1.8	5.5

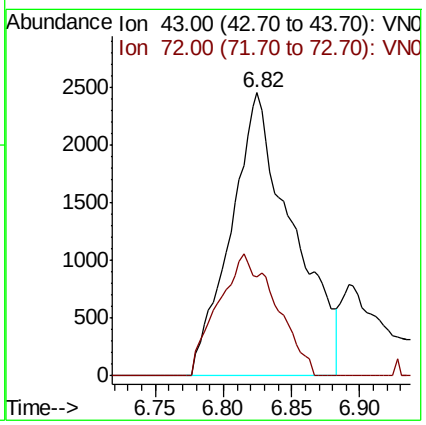


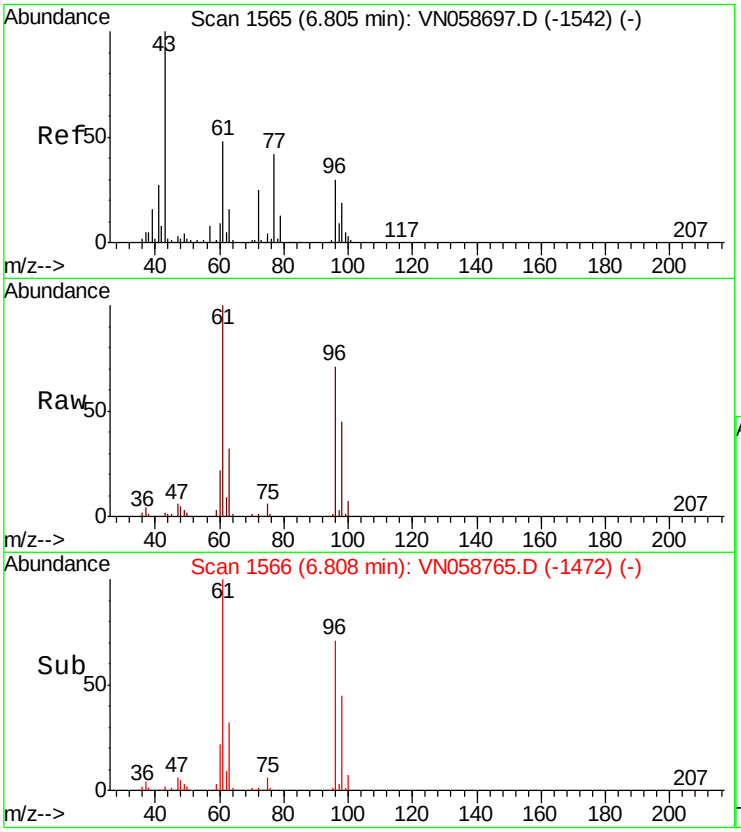


#25
2-Butanone
Concen: 2.403 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 43 Resp: 7745

Ion	Ratio	Lower	Upper
43	100		
72	34.8	20.2	30.2#



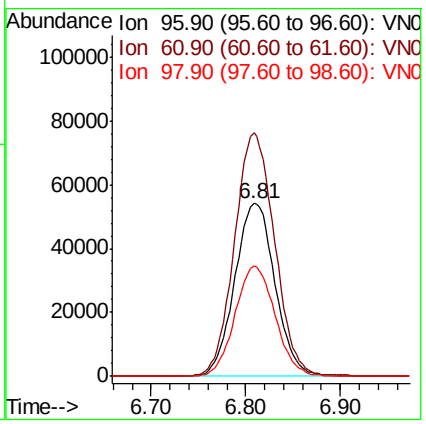


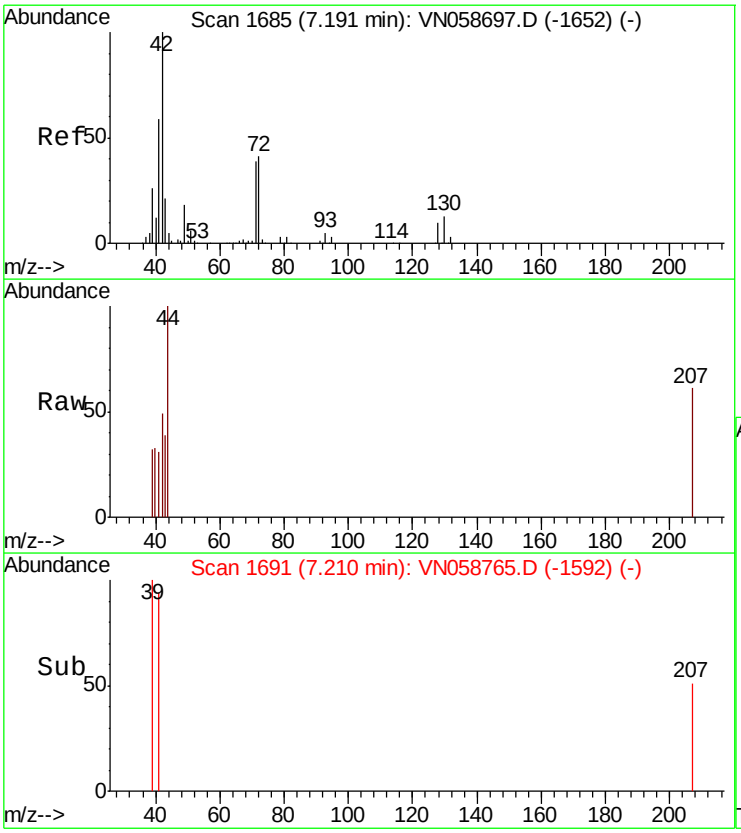
#27
cis-1,2-Dichloroethene
Concen: 33.298 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 96 Resp: 160507

Ion	Ratio	Lower	Upper
96	100		
61	140.4	0.0	324.8
98	63.3	0.0	129.2

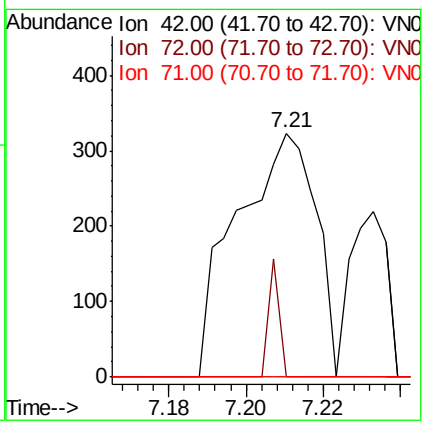


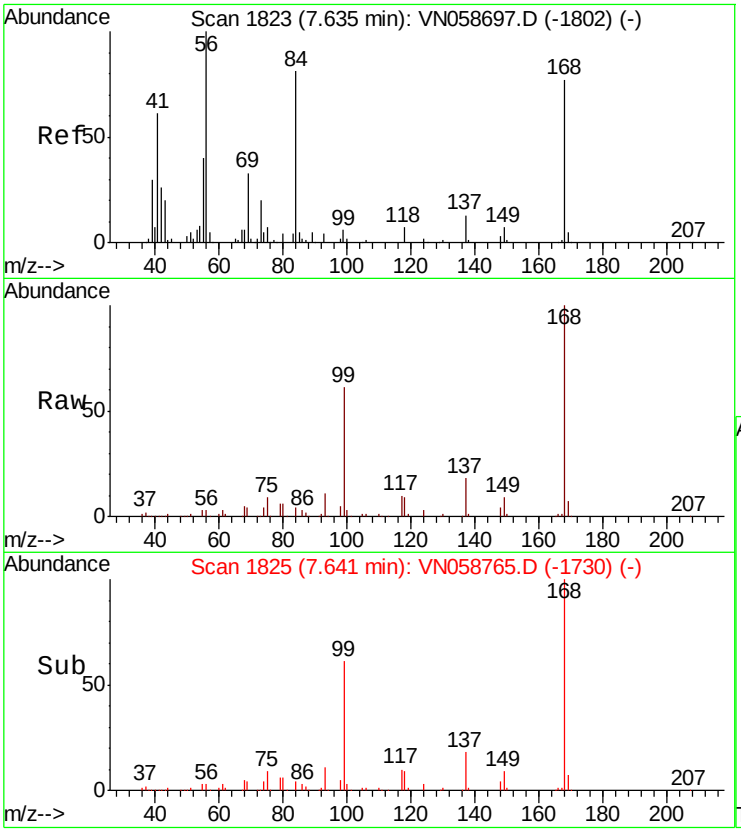


#29
Tetrahydrofuran
Concen: 0.221 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.02 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 42 Resp: 460

Ion	Ratio	Lower	Upper
42	100		
72	6.5	32.8	49.2#
71	0.0	31.1	46.7#



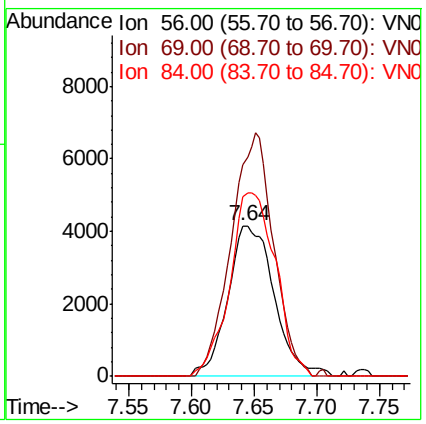


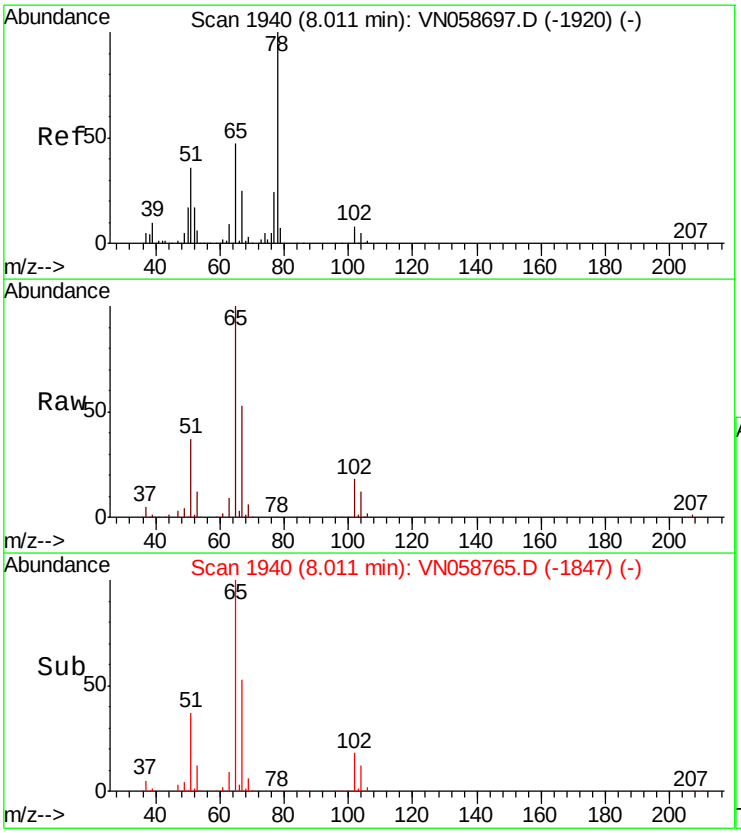
#31
Cyclohexane
Concen: 1.350 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument : MSVOA_N
ClientSampleId : AMENDED-COMPOSITE-CRE

Tgt Ion: 56 Resp: 10664

Ion	Ratio	Lower	Upper
56	100		
69	141.1	26.2	39.4#
84	119.4	64.9	97.3#

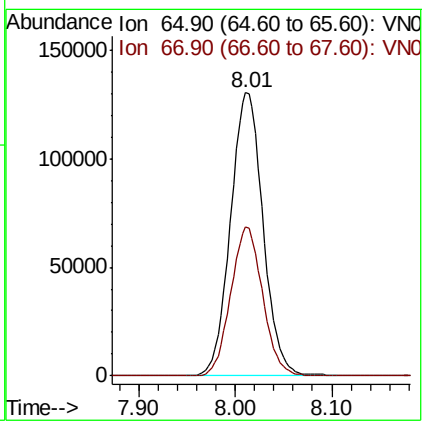


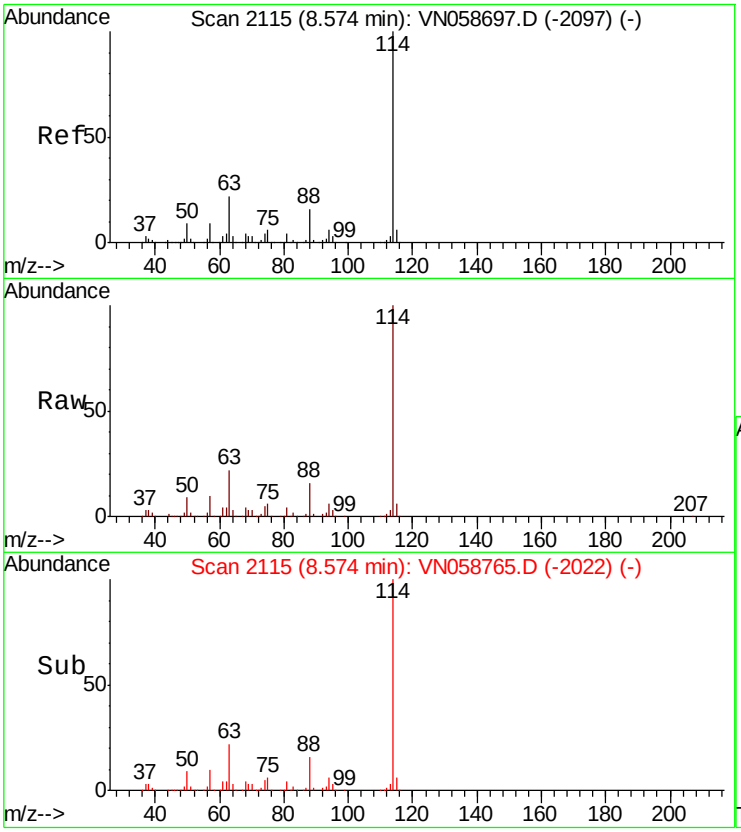


#33
1,2-Dichloroethane-d4
Concen: 56.433 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 65 Resp: 304009

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.8



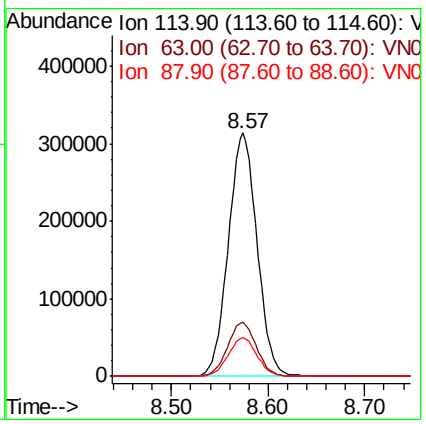


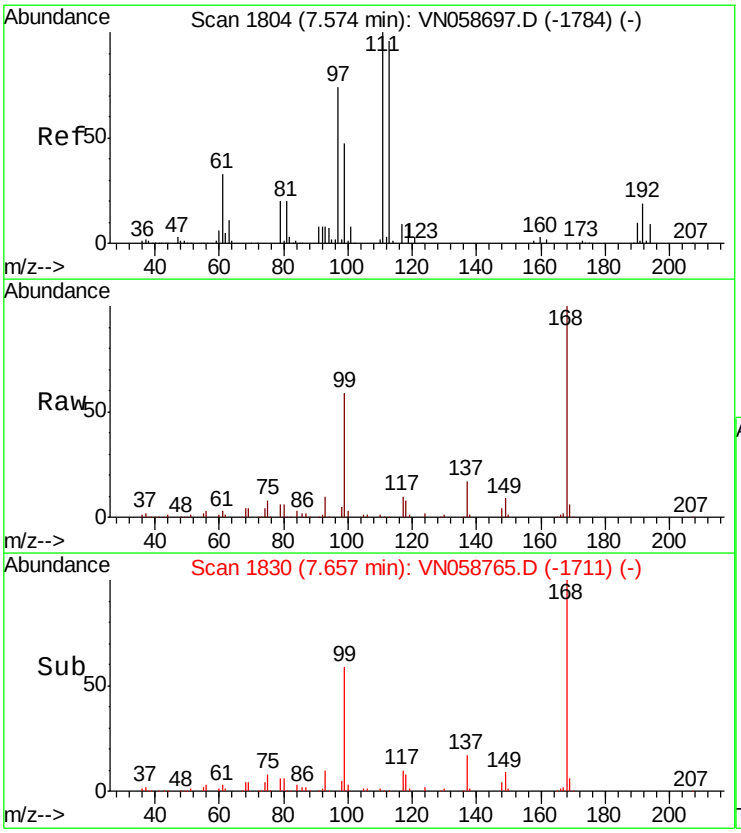
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion:114 Resp: 647282

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.8
88	15.9	0.0	32.0

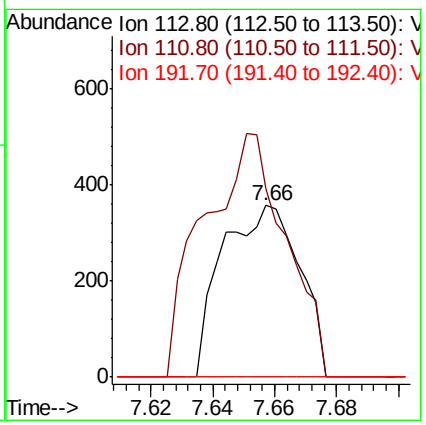


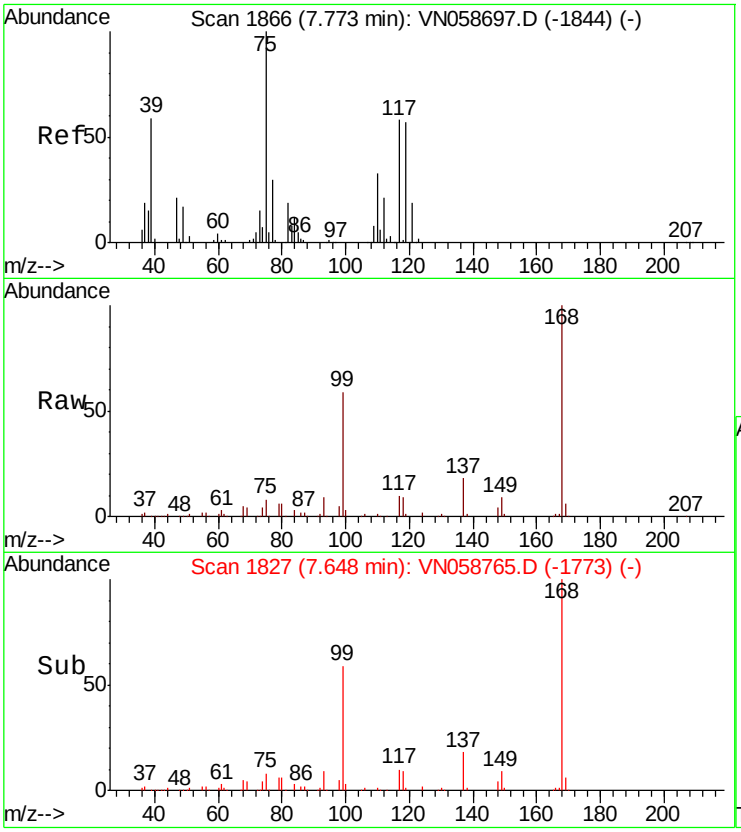


#35
Dibromofluoromethane
Concen: 0.156 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.08 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion:113 Resp: 623

Ion	Ratio	Lower	Upper
113	100		
111	150.2	82.3	123.5#
192	0.0	15.0	22.6#



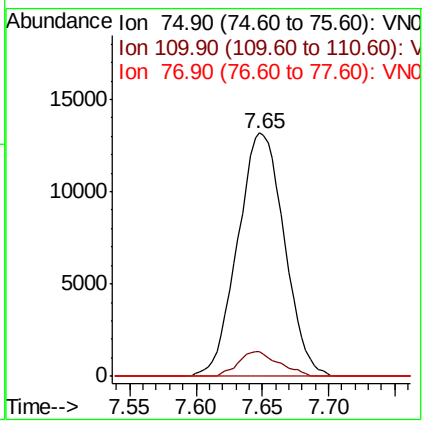


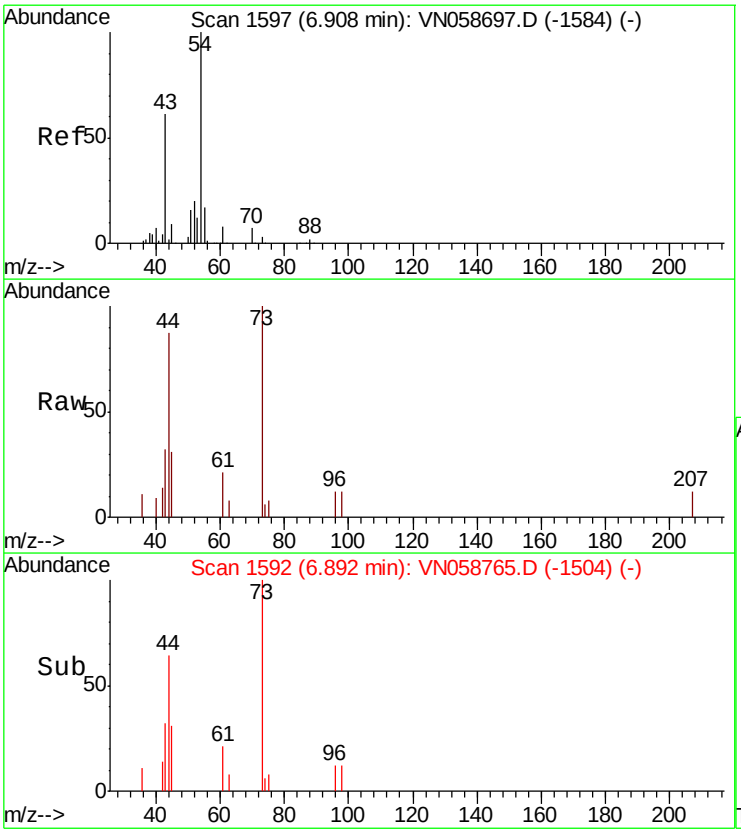
#36
1,1-Dichloropropene
Concen: 4.927 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 75 Resp: 32246

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.6	49.8#
77	0.0	24.6	37.0#

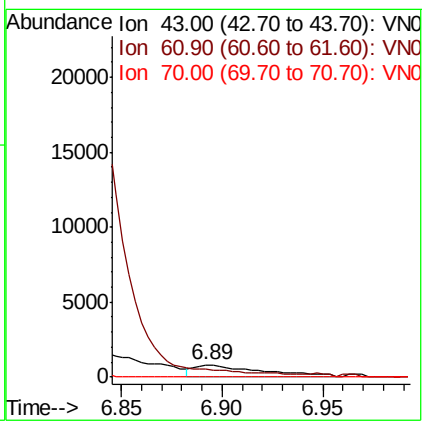


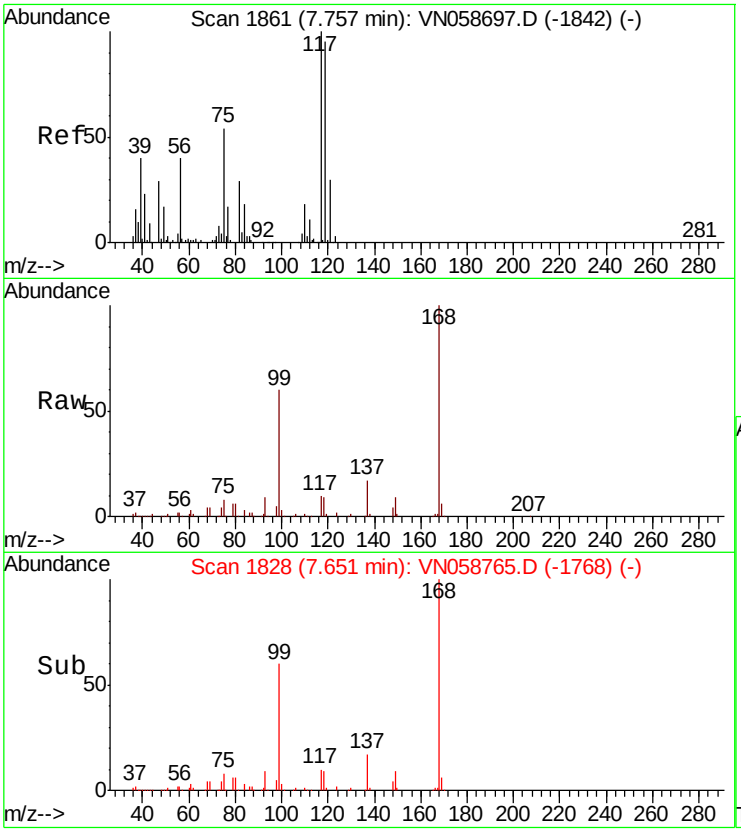


#37
Ethyl Acetate
Concen: 0.288 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.02 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 43 Resp: 1907

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.0	7.2	10.8#



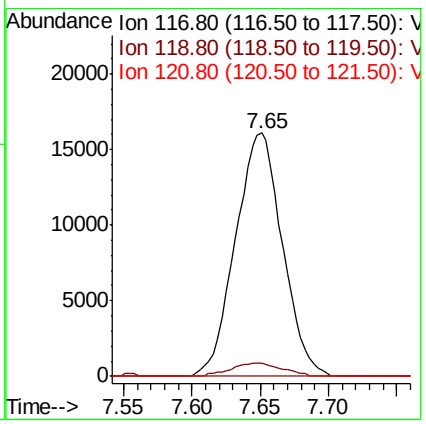


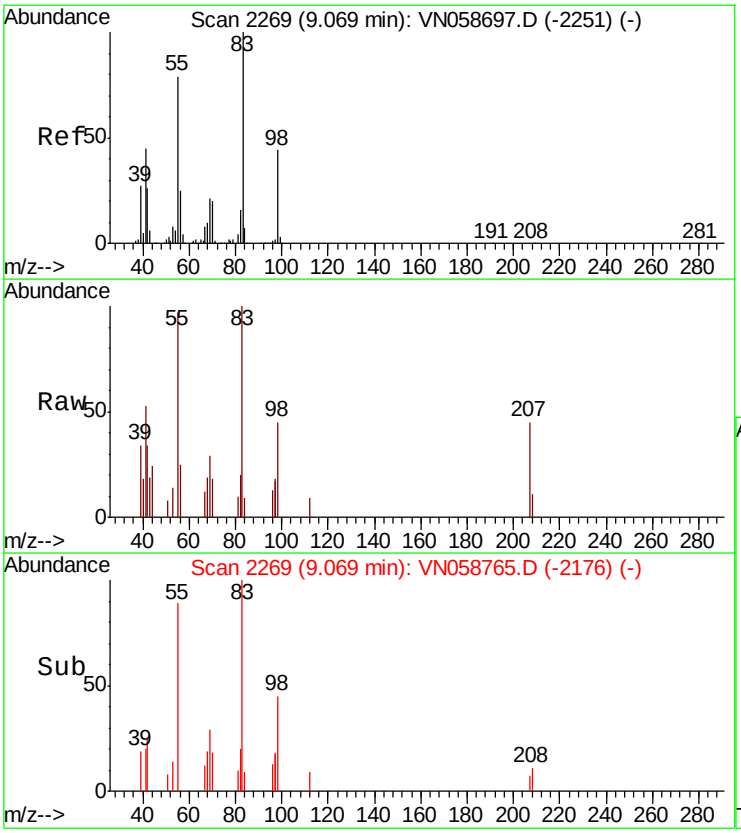
#38
Carbon Tetrachloride
Concen: 6.026 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion:117 Resp: 38434

Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.7	113.5#
121	0.0	23.9	35.9#

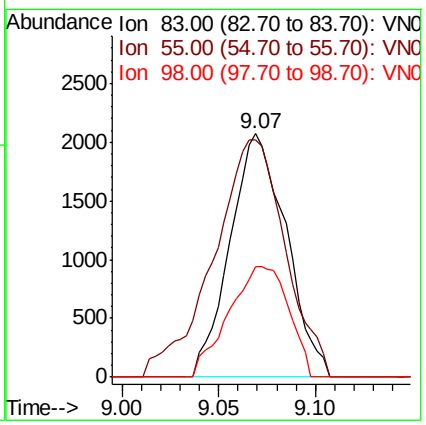


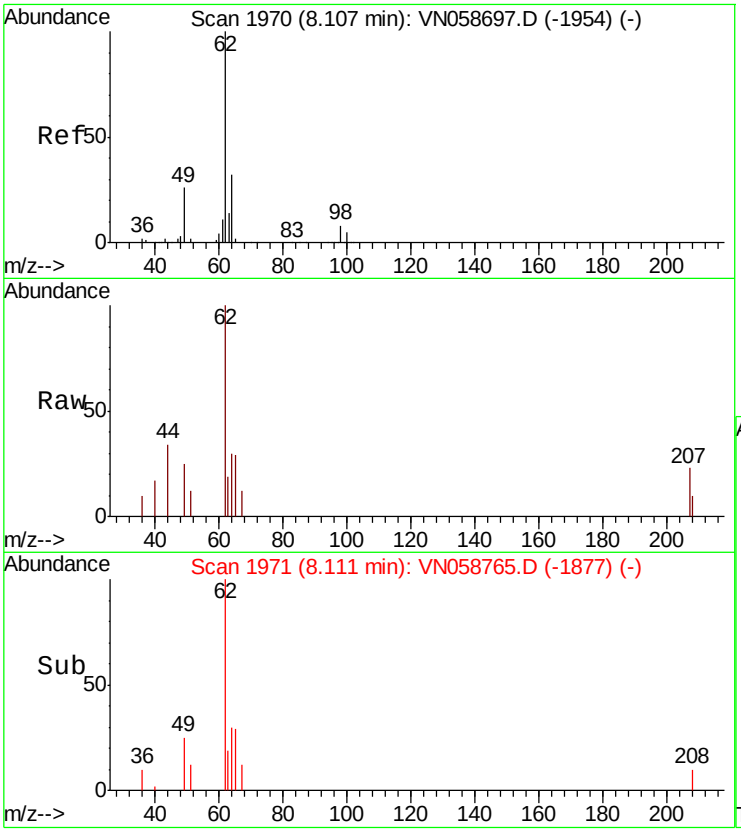


#39
Methylcyclohexane
Concen: 0.548 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 83 Resp: 4165

Ion	Ratio	Lower	Upper
83	100		
55	97.4	63.4	95.0#
98	45.2	35.1	52.7



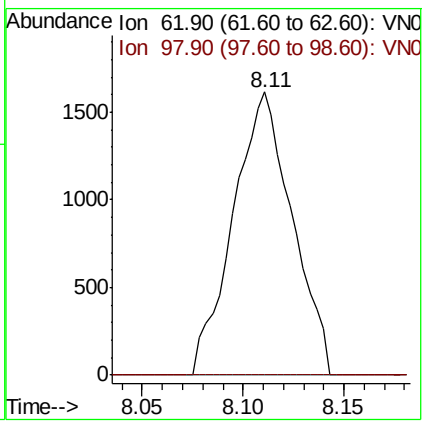


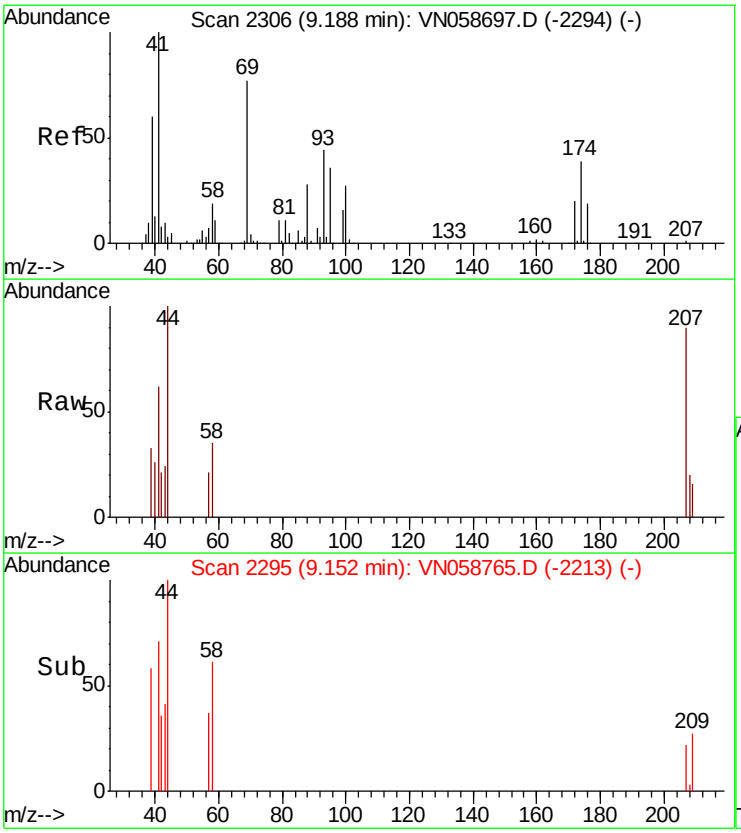
#42
1,2-Dichloroethane
Concen: 0.456 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 62 Resp: 3296

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.8

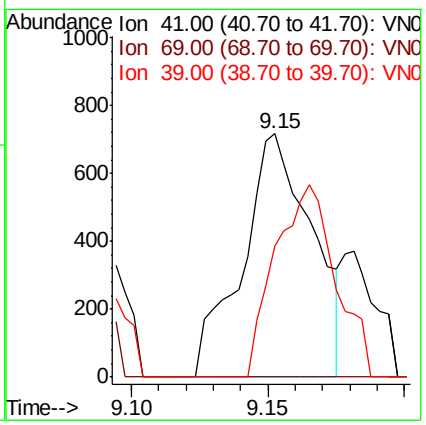


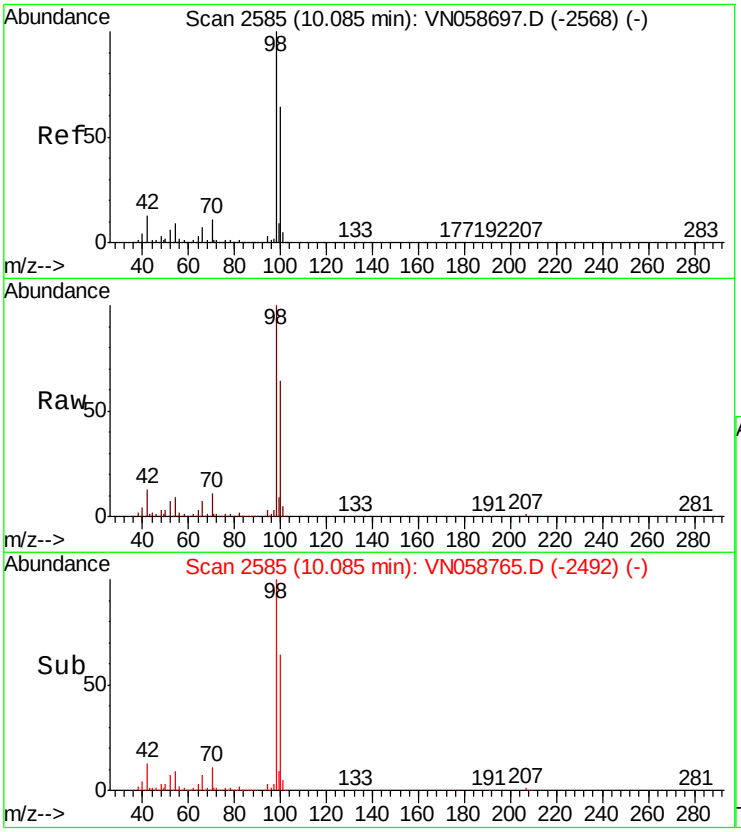


#48
Methyl methacrylate
Concen: 0.249 ug/l
RT: 9.15 min Scan# 2295
Delta R.T. -0.04 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 41 Resp: 1271

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.4	95.2#
39	68.2	48.9	73.3



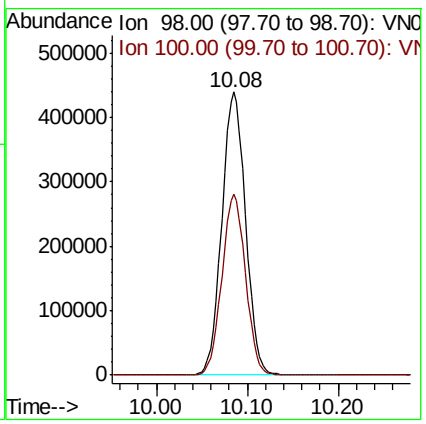


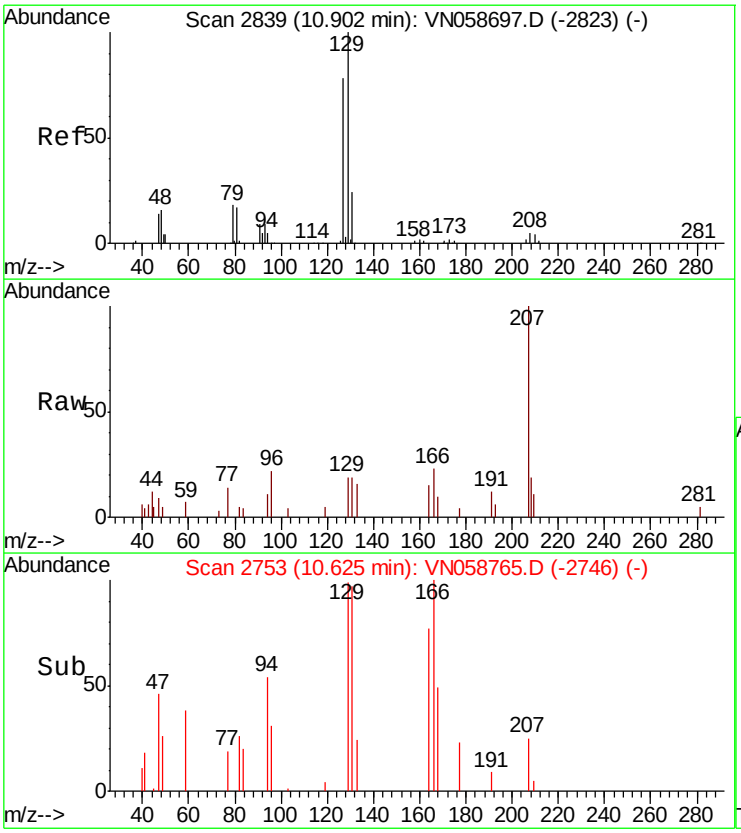
#50
Toluene-d8
Concen: 49.828 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 98 Resp: 796655

Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.1	76.7

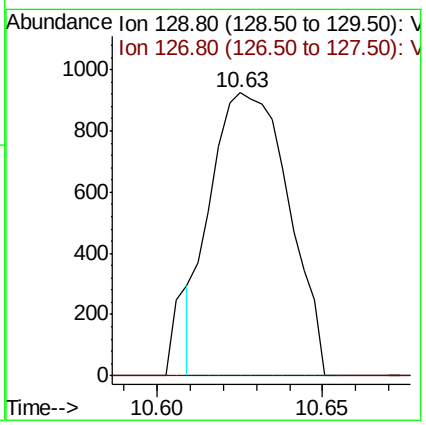


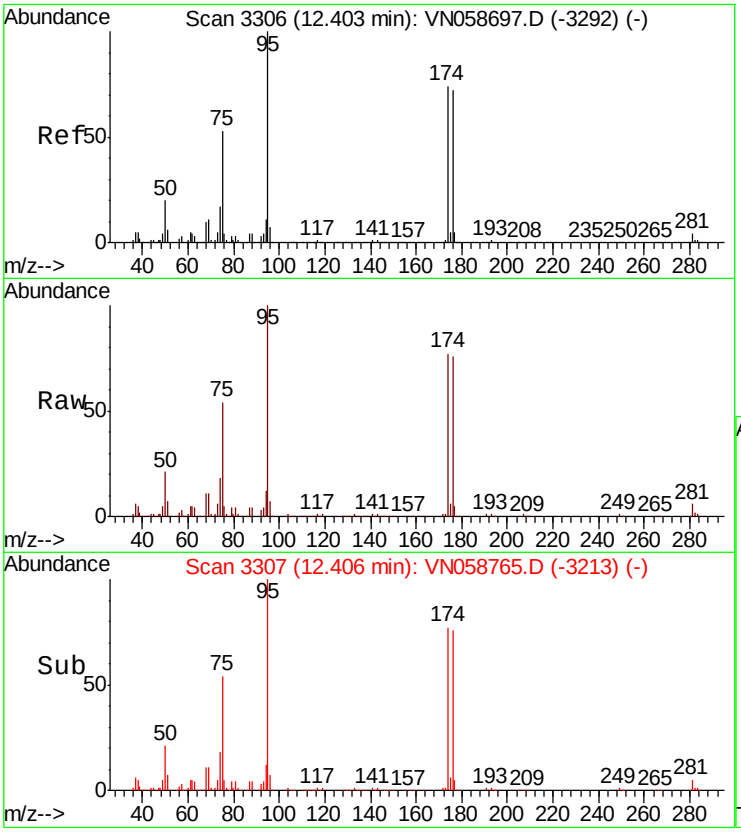


#60
Dibromochloromethane
Concen: 0.312 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.28 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion:129 Resp: 1513

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



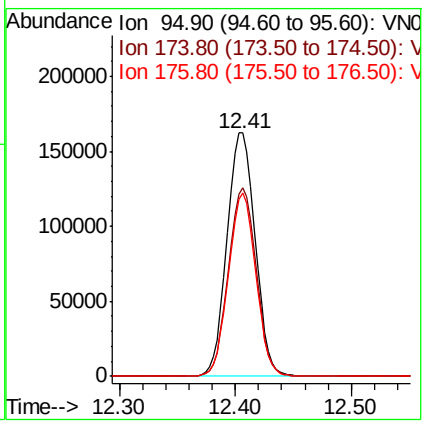


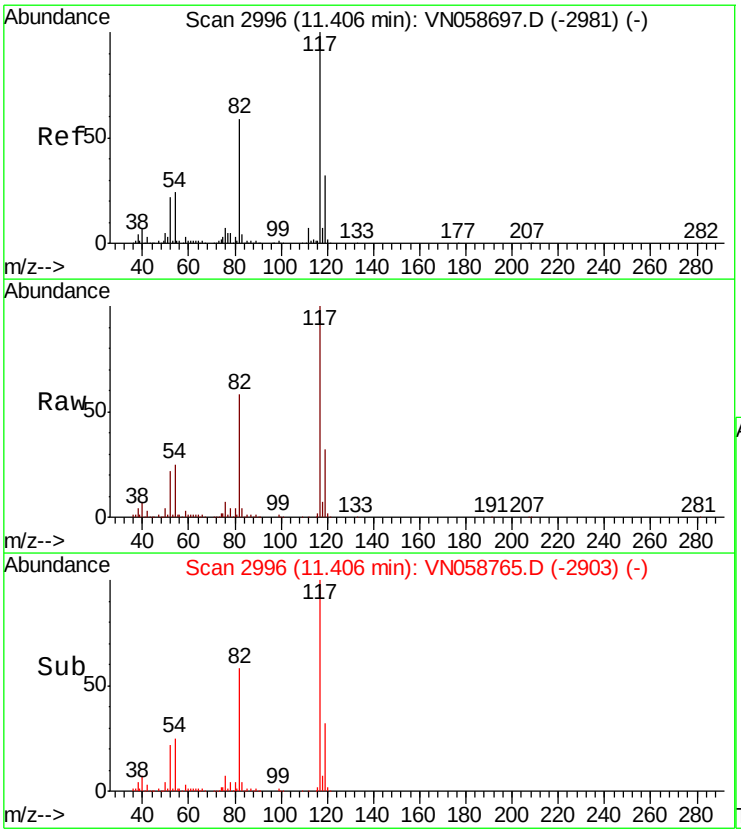
#62
4-Bromofluorobenzene
Concen: 44.981 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 95 Resp: 272219

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	150.4
176	73.1	0.0	146.8

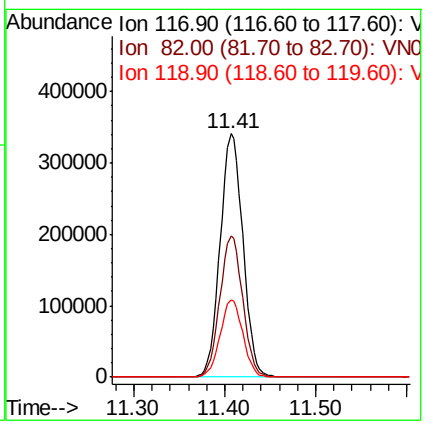


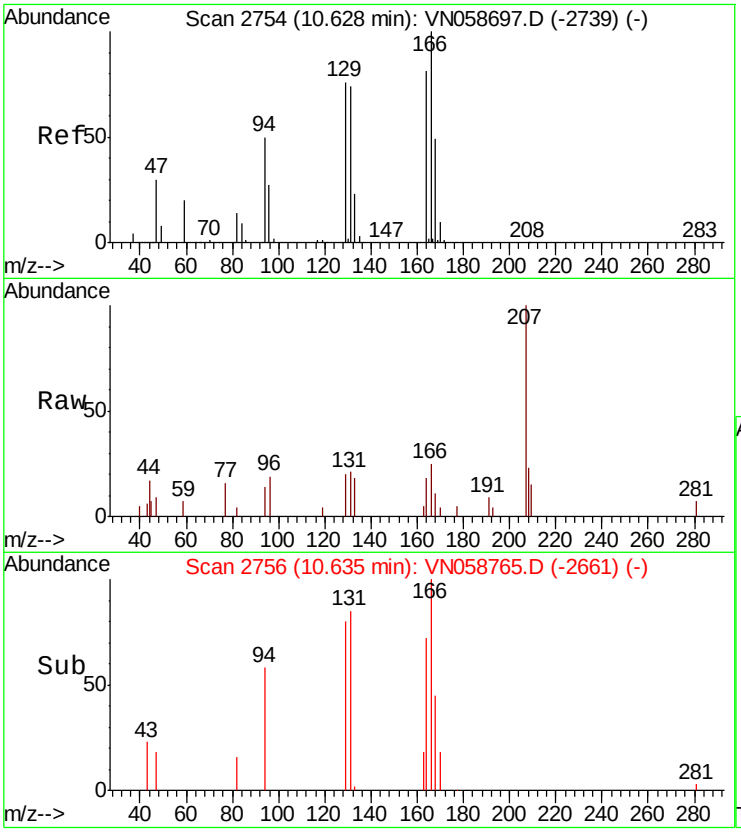


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion:117 Resp: 593549

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.0	70.4
119	31.6	25.4	38.2



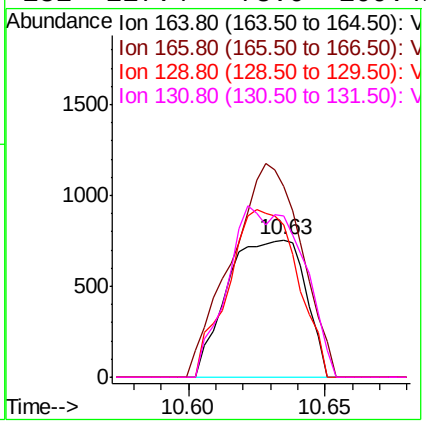


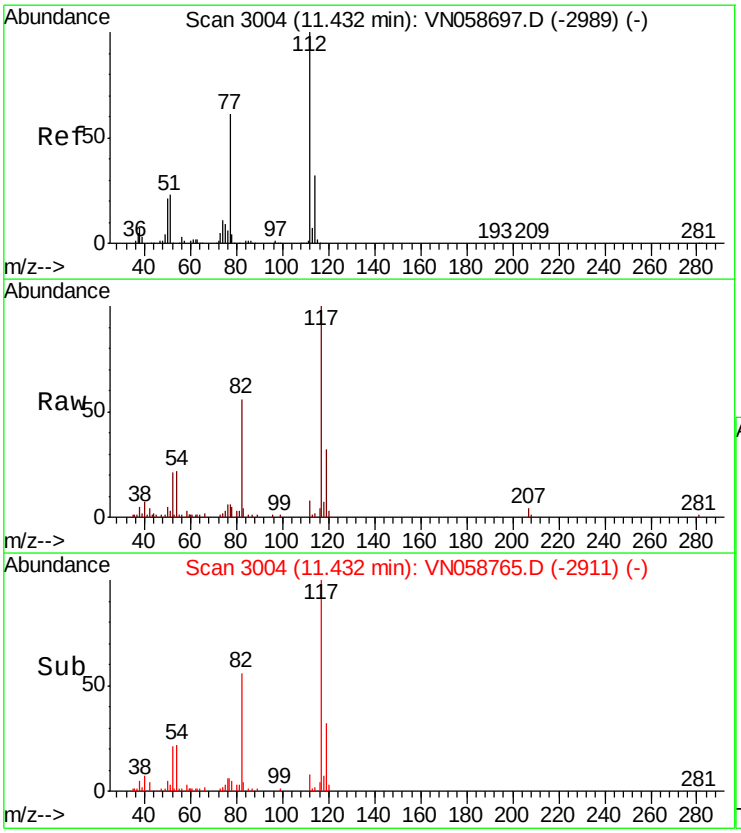
#64
Tetrachloroethene
Concen: 0.359 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.01 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion:164 Resp: 1493

Ion	Ratio	Lower	Upper
164	100		
166	138.7	99.3	148.9
129	111.0	75.2	112.8
131	117.4	73.0	109.4#

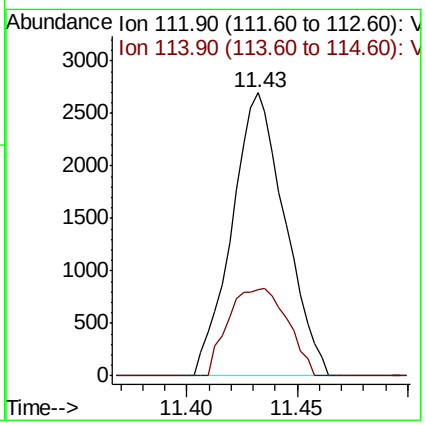


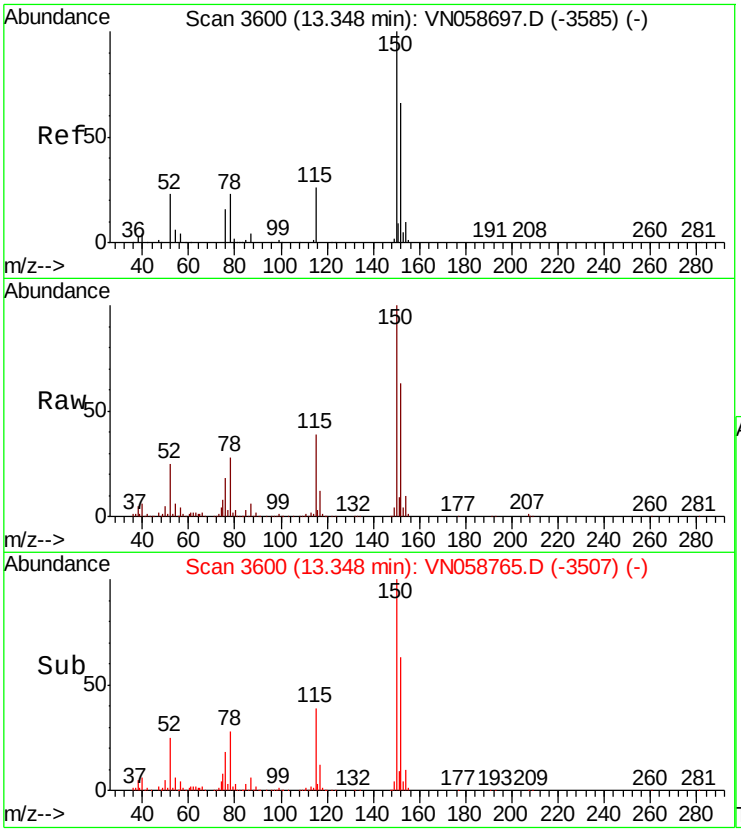


#65
Chlorobenzene
Concen: 0.374 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion:112 Resp: 4506

Ion	Ratio	Lower	Upper
112	100		
114	30.5	25.2	37.8



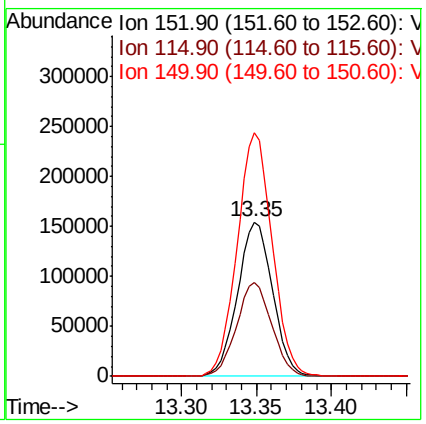


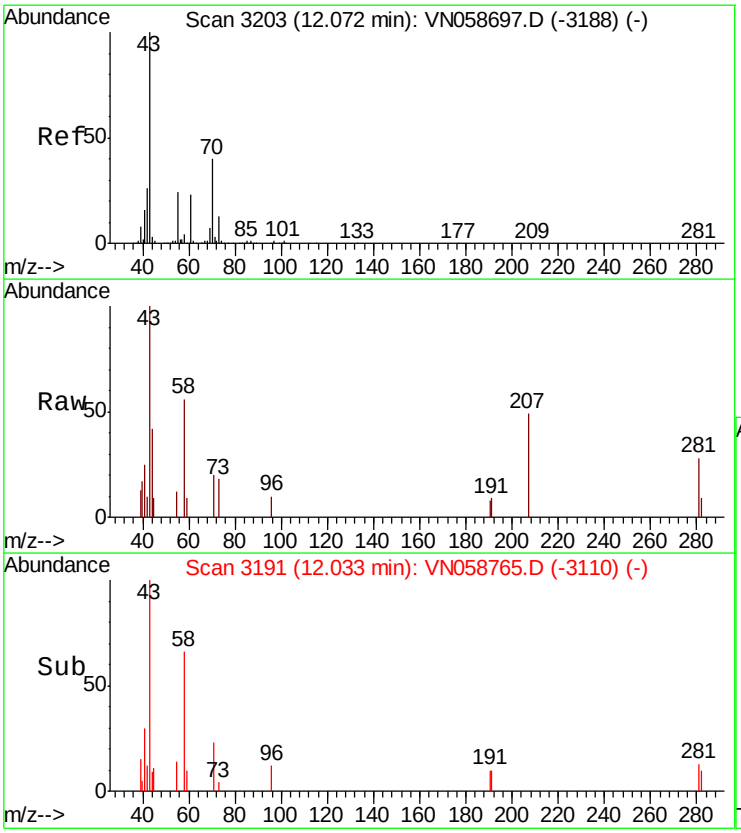
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion:152 Resp: 251582

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.4	91.2
150	158.0	0.0	345.4

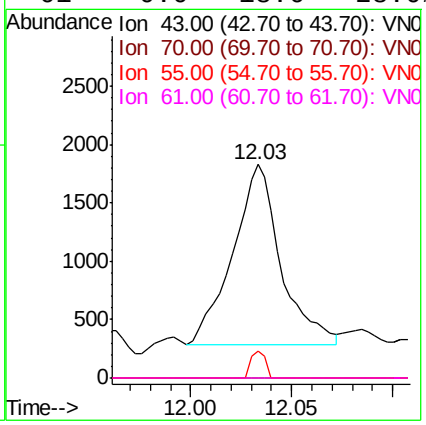


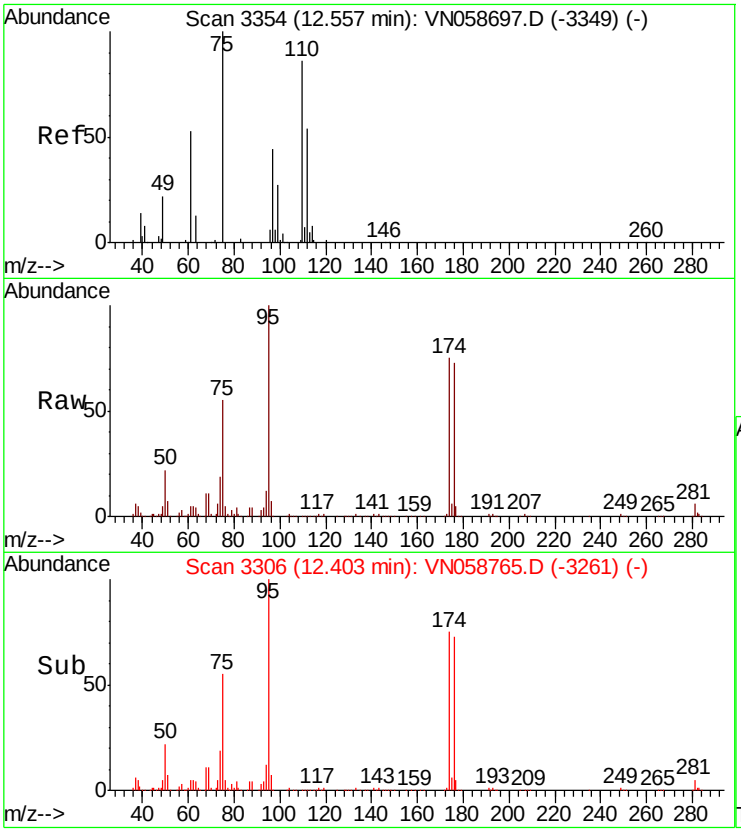


#74
N-amyl acetate
Concen: 0.313 ug/l
RT: 12.03 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 43 Resp: 2562

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.2	48.4#
55	4.4	19.6	29.4#
61	0.0	18.6	28.0#



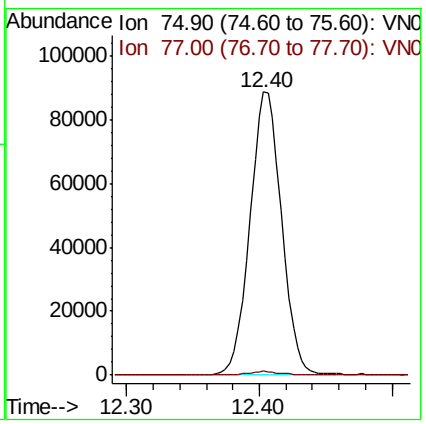


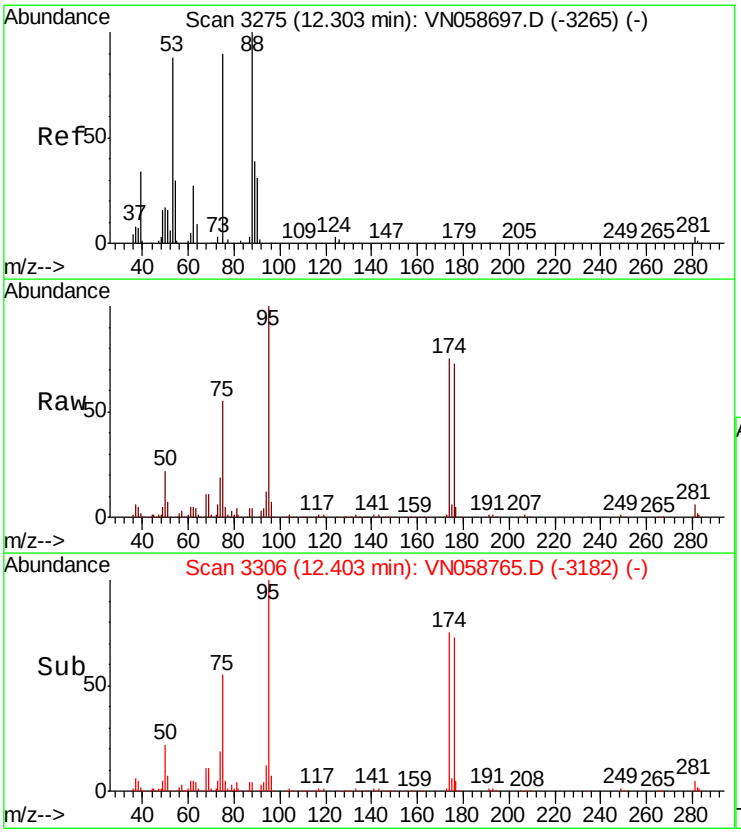
#76
1,2,3-Trichloropropane
Concen: 26.433 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion: 75 Resp: 145889

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

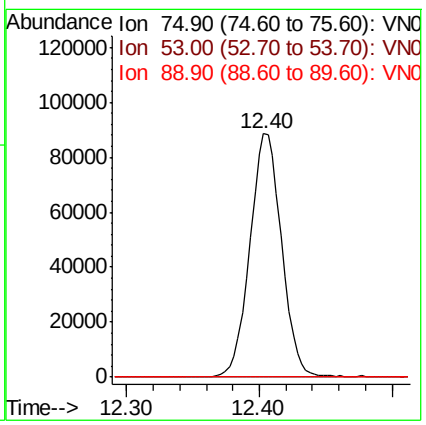


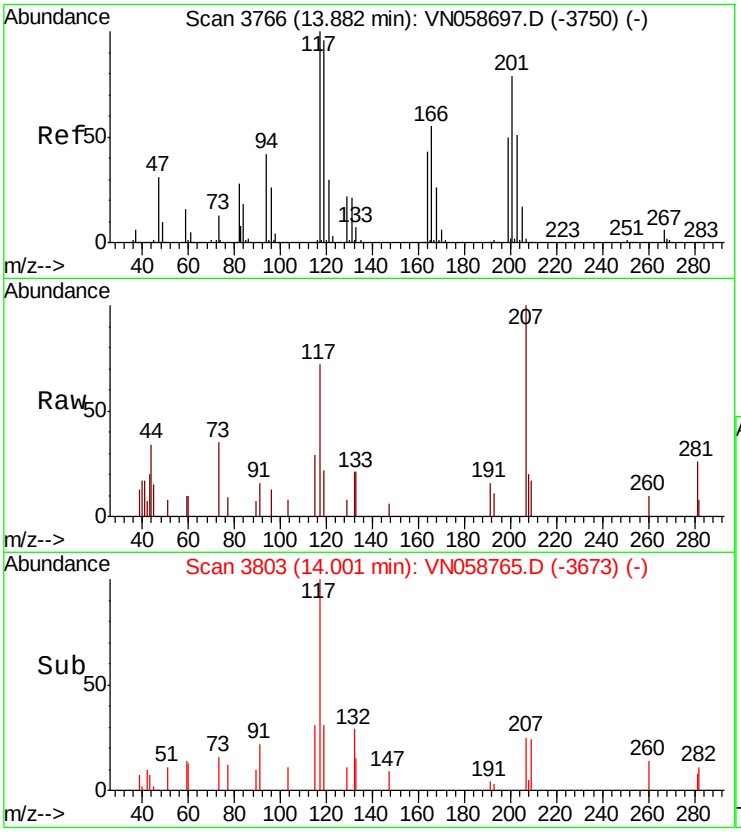


#81
trans-1,4-Dichloro-2-butene
Concen: 70.807 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion: 75 Resp: 145889

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.4	117.6#
89	0.0	34.9	52.3#



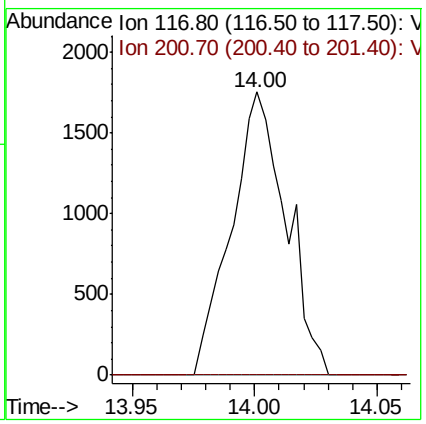


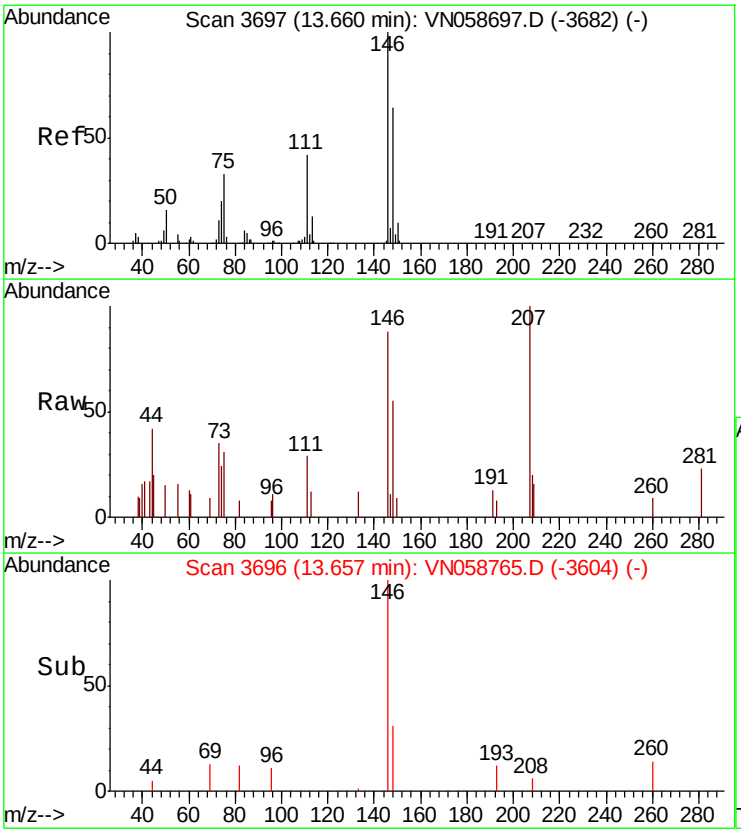
#90
Hexachloroethane
Concen: 0.958 ug/l
RT: 14.00 min Scan# 3803
Delta R.T. 0.12 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMPOSITE-CRE

Tgt Ion:117 Resp: 2735

Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.6	118.7#





#91
1,2-Dichlorobenzene
Concen: 0.343 ug/l
RT: 13.66 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VN058765.D
Acq: 14 Oct 2019 21:20

Tgt Ion:146 Resp: 2736

Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.1	63.4
148	66.2	31.8	95.3