Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100219\
Data File : VN058483.D
Acq On : 2 Oct 2019 18:29
Operator : JC/SP
Sample : K4663-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : OK-01-093019

Quant Time: Oct 03 05:12:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.65	168	378762	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.57	114	635546	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	547485	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195566	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.01	65	287213	51.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.78%				
35) Dibromofluoromethane	7.57	113	200400	51.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.90%				
50) Toluene-d8	10.08	98	797560	52.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.54%				
62) 4-Bromofluorobenzene	12.41	95	245713	44.53	ug/l		0.00
Spiked Amount 50.000			Recovery = 89.06%				
Target Compounds							Qvalue
3) Chloromethane	2.04	50	1379	0.302	ug/l		98
11) Tert butyl alcohol	4.73	59	622	1.012	ug/l	#	71
16) Acetone	3.80	43	13563	7.188	ug/l		99
18) Methyl Acetate	4.31	43	2581	0.544	ug/l	#	86
20) Methylene Chloride	4.53	84	161281	37.040	ug/l		98
29) Tetrahydrofuran	7.20	42	682	0.415	ug/l	#	34
31) Cyclohexane	7.65	56	10030	1.309	ug/l	#	25
36) 1,1-Dichloropropene	7.65	75	33951	5.587	ug/l	#	50
38) Carbon Tetrachloride	7.65	117	38990	7.108	ug/l	#	16
43) Isopropyl Acetate	8.15	43	119461	12.330	ug/l	#	92
45) 1,2-Dichloropropane	9.26	63	1803	0.385	ug/l	#	43
48) Methyl methacrylate	9.18	41	5829	1.321	ug/l	#	13
49) 1,4-Dioxane	9.26	88	62	1.051	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.98	43	5696	1.145	ug/l		90
54) cis-1,3-Dichloropropene	9.90	75	36995	5.447	ug/l	#	69
56) Ethyl methacrylate	10.54	69	1601	0.264	ug/l	#	1
57) 1,3-Dichloropropane	10.76	76	6341	0.888	ug/l	#	43
59) 2-Hexanone	10.76	43	101249	27.940	ug/l	#	51
60) Dibromochloromethane	10.91	129	67	Below Cal		#	11
64) Tetrachloroethene	10.63	164	1909	0.549	ug/l		91
71) Bromoform	12.40	173	570	0.917	ug/l	#	1
74) N-amyl acetate	12.04	43	3857	0.671	ug/l	#	48
76) 1,2,3-Trichloropropane	12.41	75	135451	37.920	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.74	105	3389	0.280	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.41	75	135451	115.167	ug/l	#	7
84) 1,2,4-Trimethylbenzene	13.05	105	5997	0.495	ug/l		97
95) Naphthalene	15.14	128	20787	2.148	ug/l		98

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

Quantitation Report (Not Reviewed)

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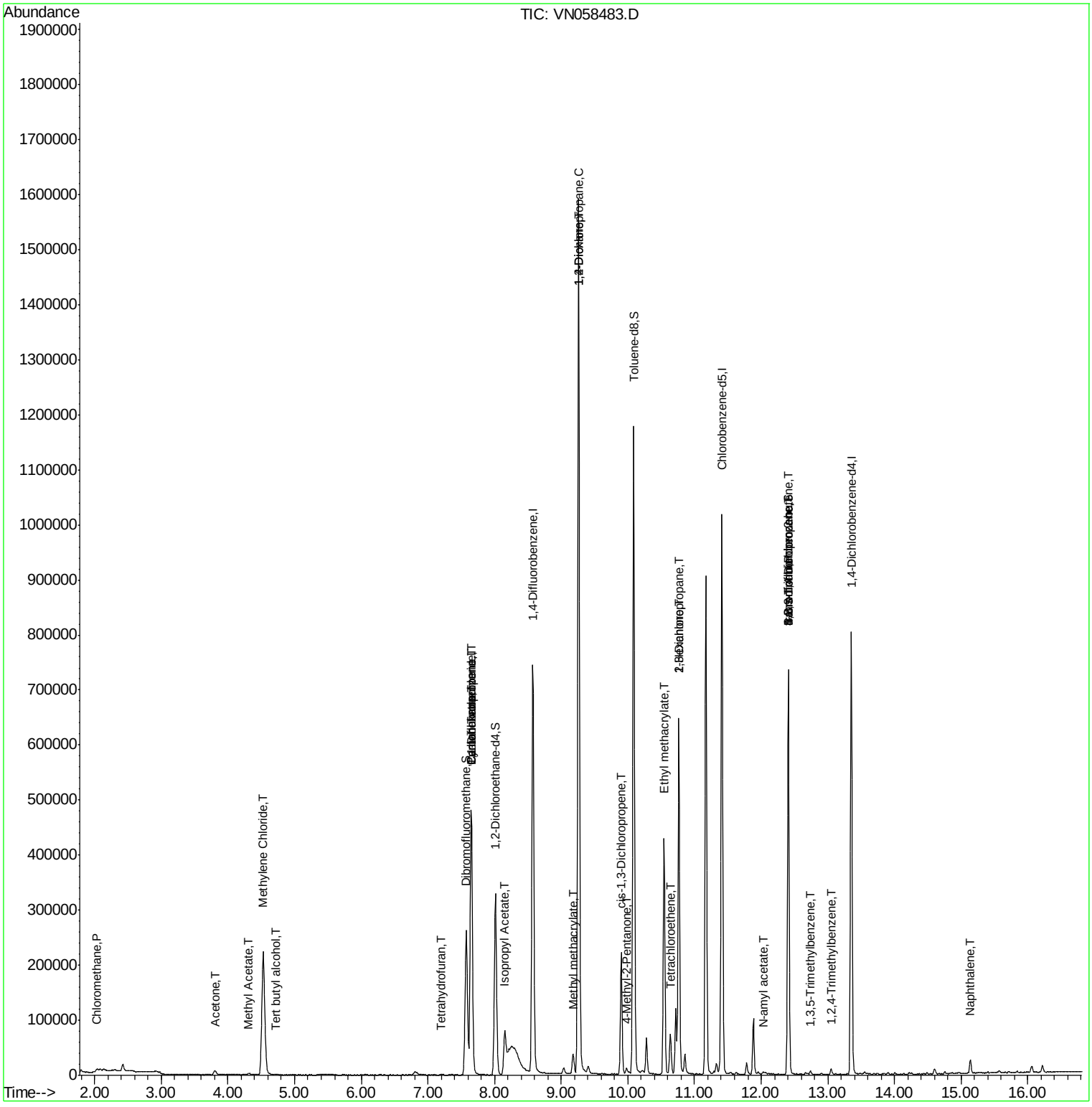
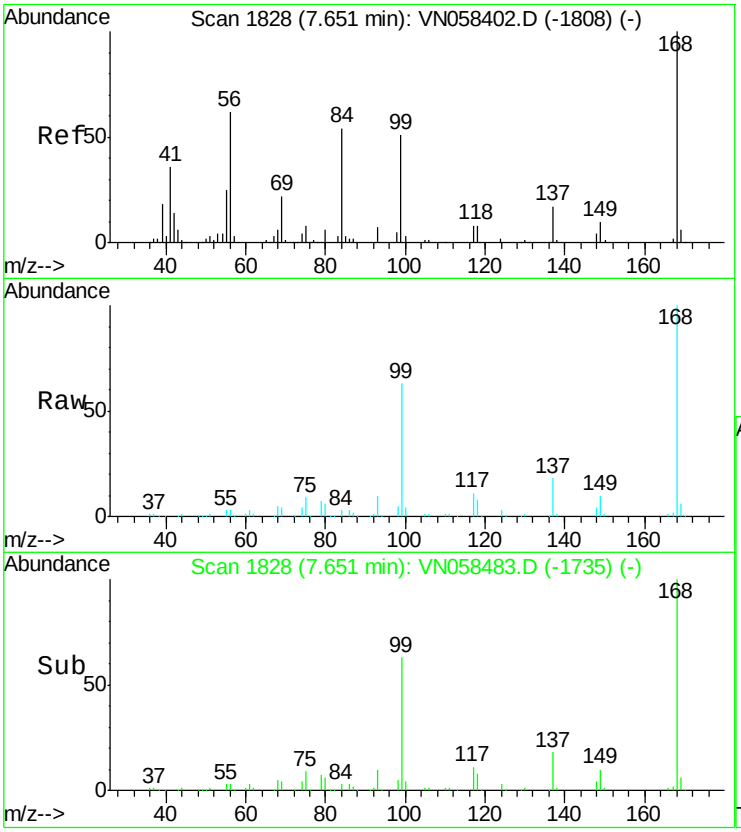
Sample : K4663-12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Quant Time: Oct 03 05:12:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration



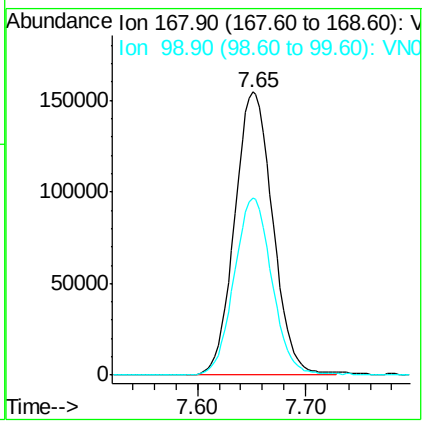


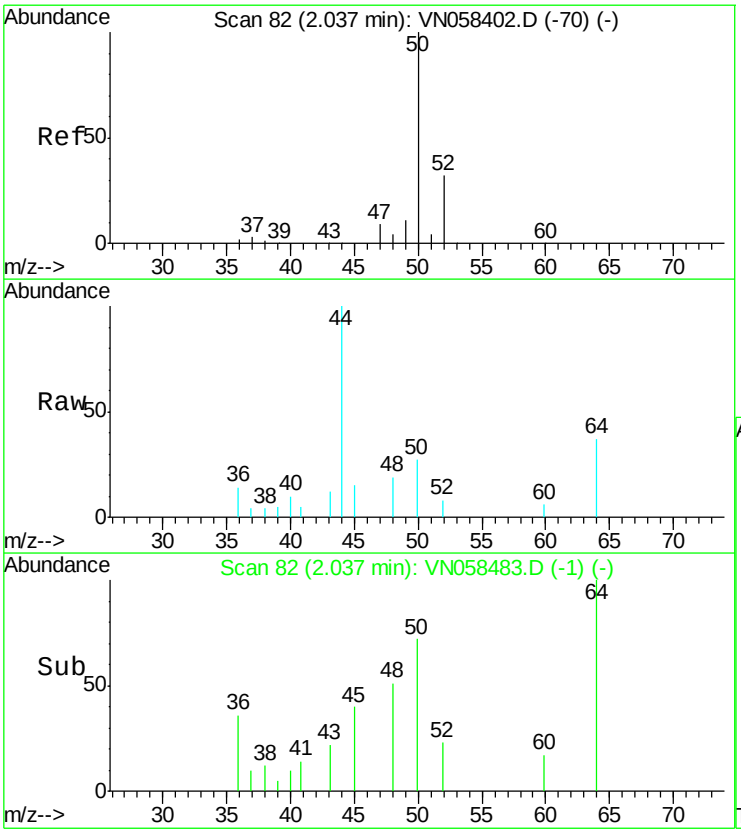
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion:168 Resp: 378762

Ion	Ratio	Lower	Upper
168	100		
99	62.8	47.7	71.5

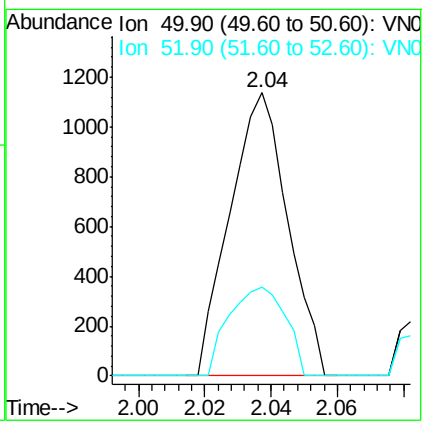


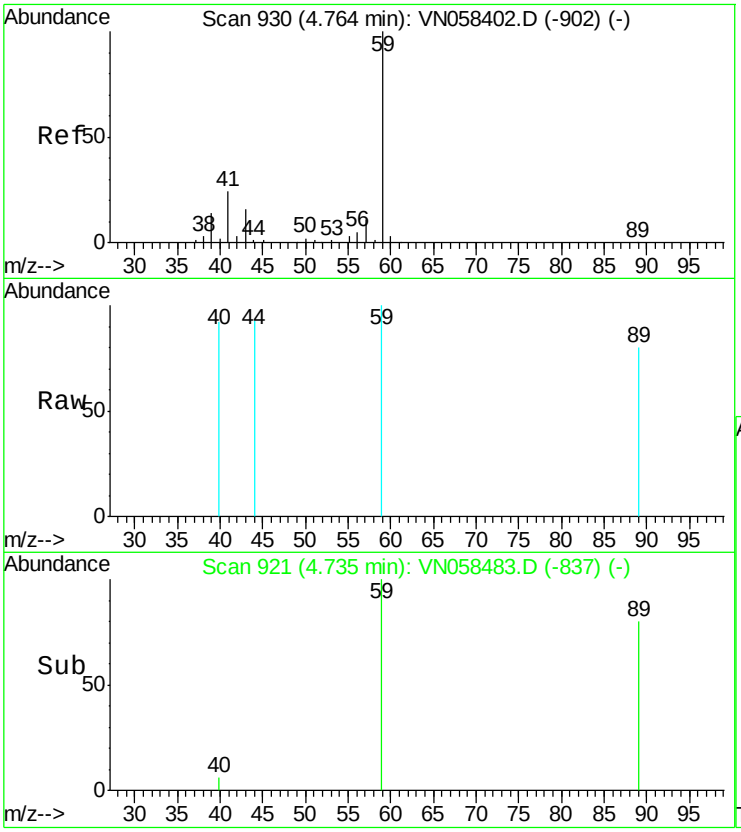


#3
Chloromethane
Concen: 0.302 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 50 Resp: 1379

Ion	Ratio	Lower	Upper
50	100		
52	31.3	25.9	38.9



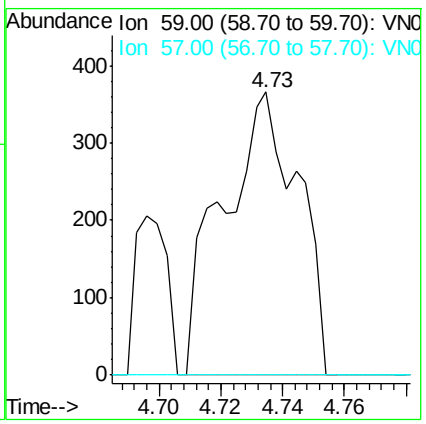


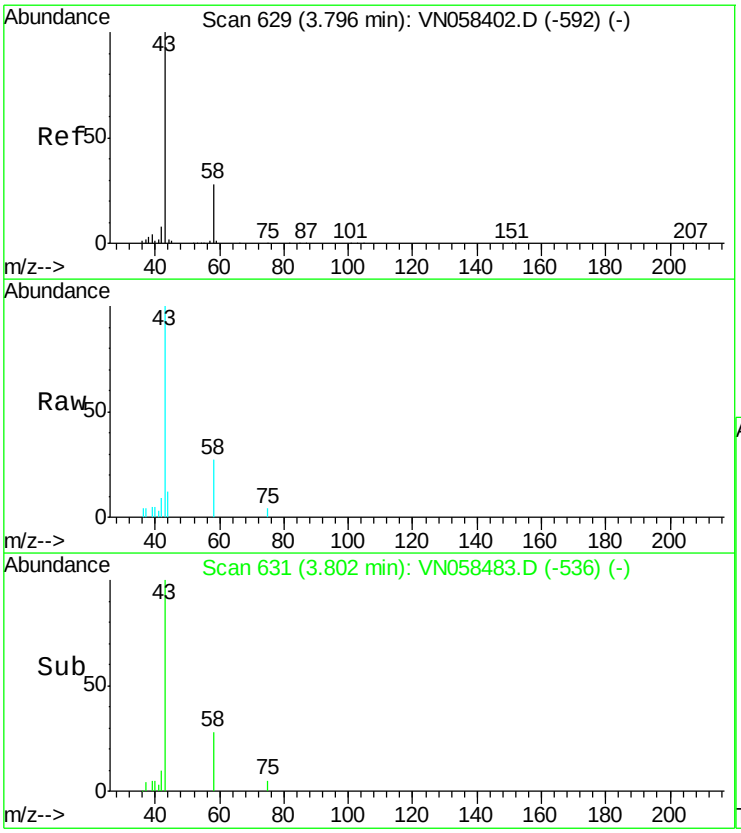
#11
Tert butyl alcohol
Concen: 1.012 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.03 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument : MSVOA_N
ClientSampleId : OK-01-093019

Tgt Ion: 59 Resp: 622

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#

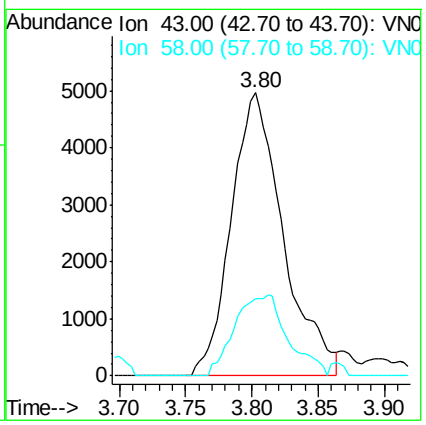


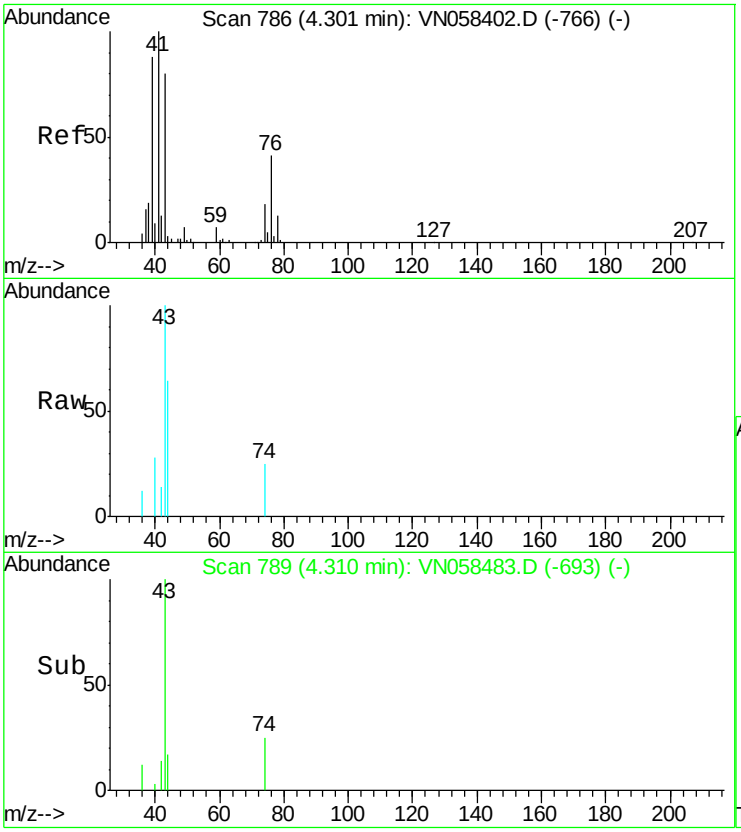


#16
Acetone
Concen: 7.188 ug/l
RT: 3.80 min Scan# 631
Delta R.T. 0.01 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 43 Resp: 13563

Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.4	33.6



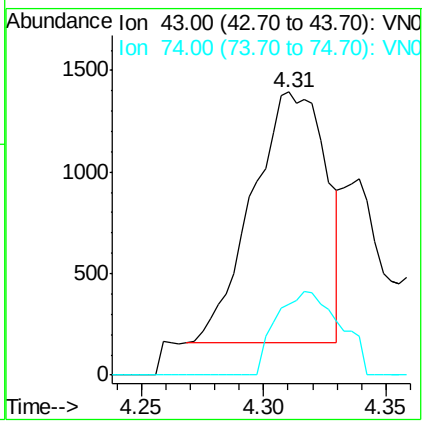


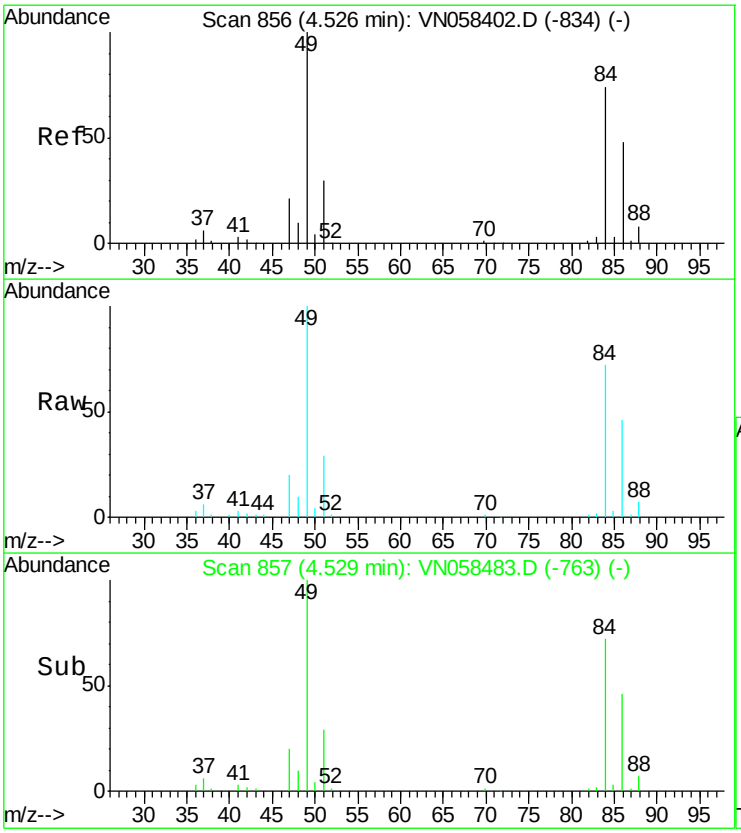
#18
Methyl Acetate
Concen: 0.544 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion: 43 Resp: 2581

Ion	Ratio	Lower	Upper
43	100		
74	29.1	18.0	27.0#

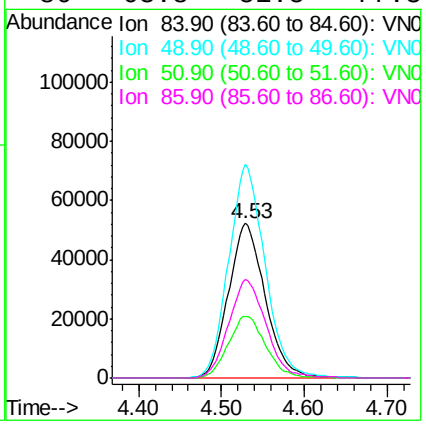


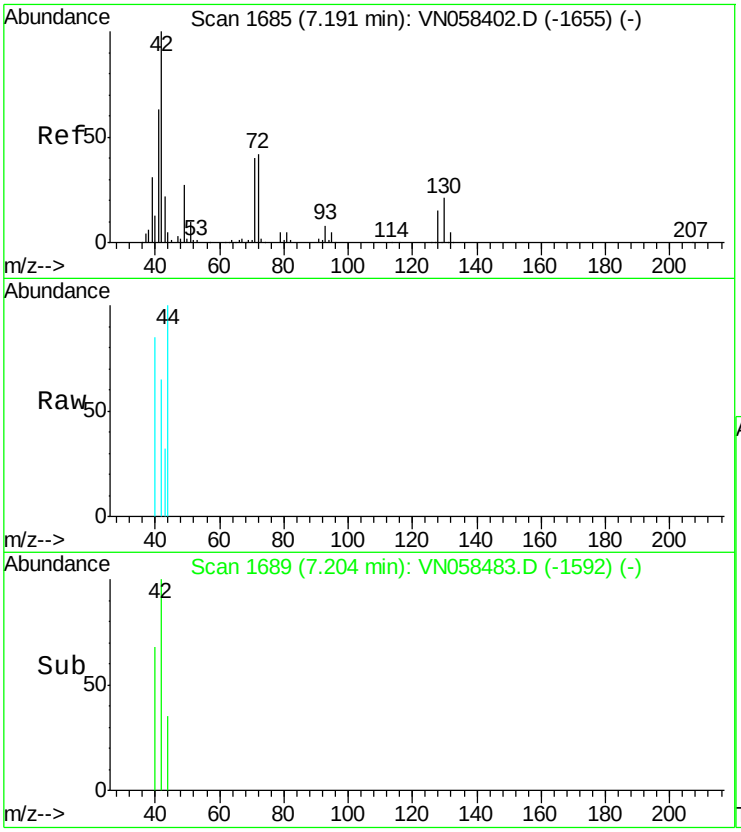


#20
Methylene Chloride
Concen: 37.040 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 84 Resp: 161281

Ion	Ratio	Lower	Upper
84	100		
49	138.2	107.9	161.9
51	40.1	32.8	49.2
86	63.8	51.5	77.3



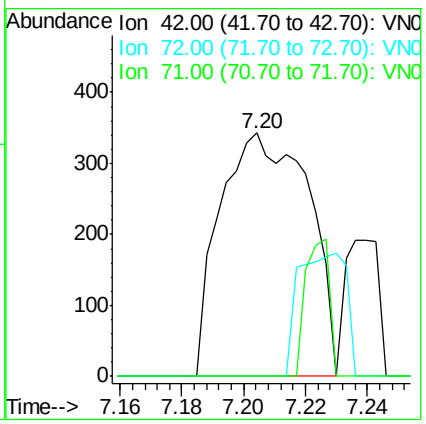


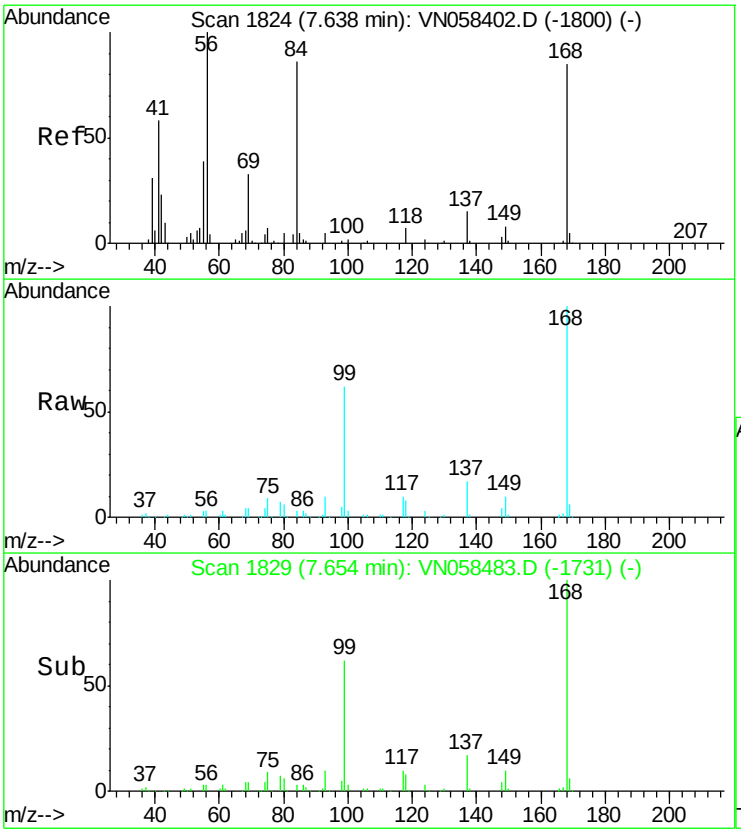
#29
Tetrahydrofuran
Concen: 0.415 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument : MSVOA_N
ClientSampleId : OK-01-093019

Tgt Ion: 42 Resp: 682

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	0.0	31.8	47.6#

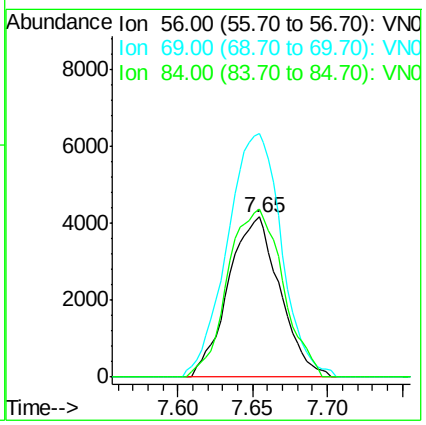


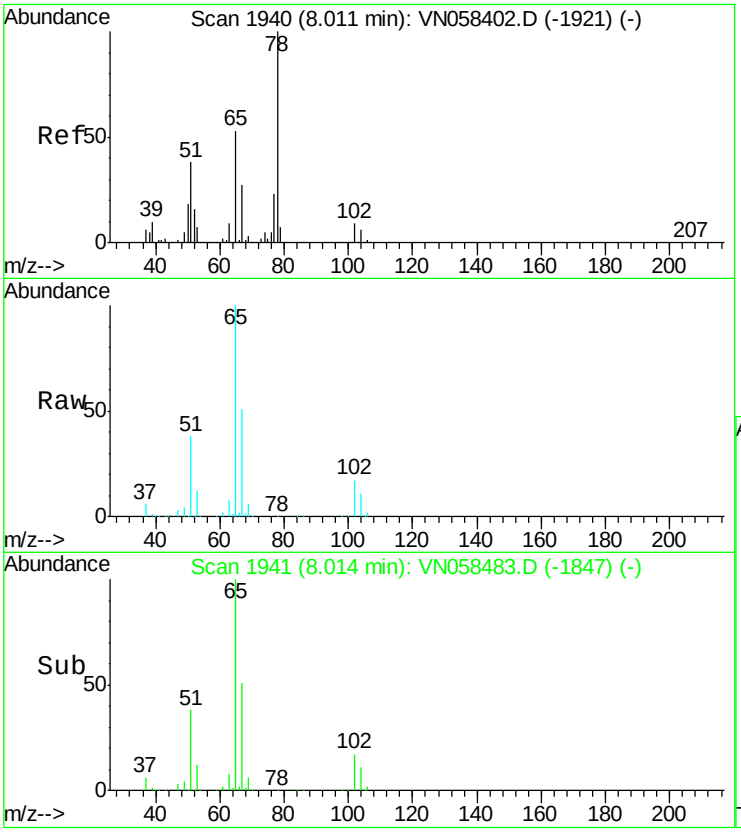


#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 56 Resp: 10030

Ion	Ratio	Lower	Upper
56	100		
69	152.2	26.2	39.4#
84	104.9	67.6	101.4#



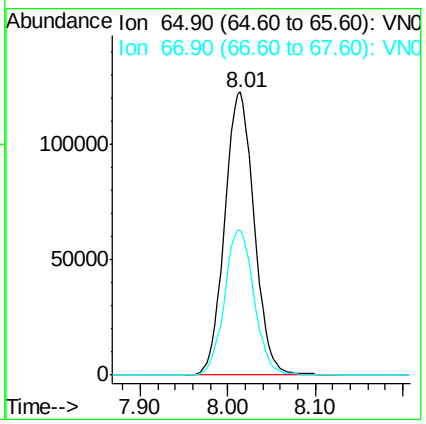


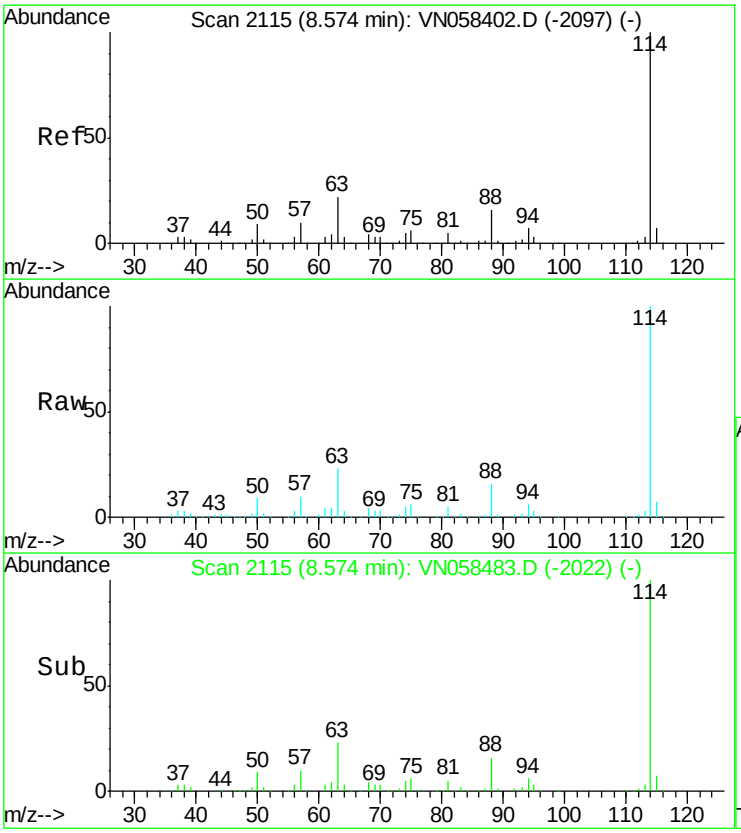
#33
1,2-Dichloroethane-d4
Concen: 51.890 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion: 65 Resp: 287213

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.4

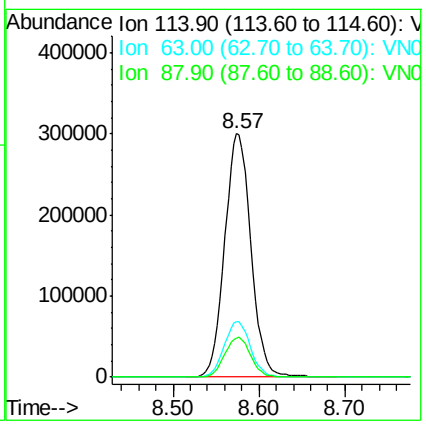


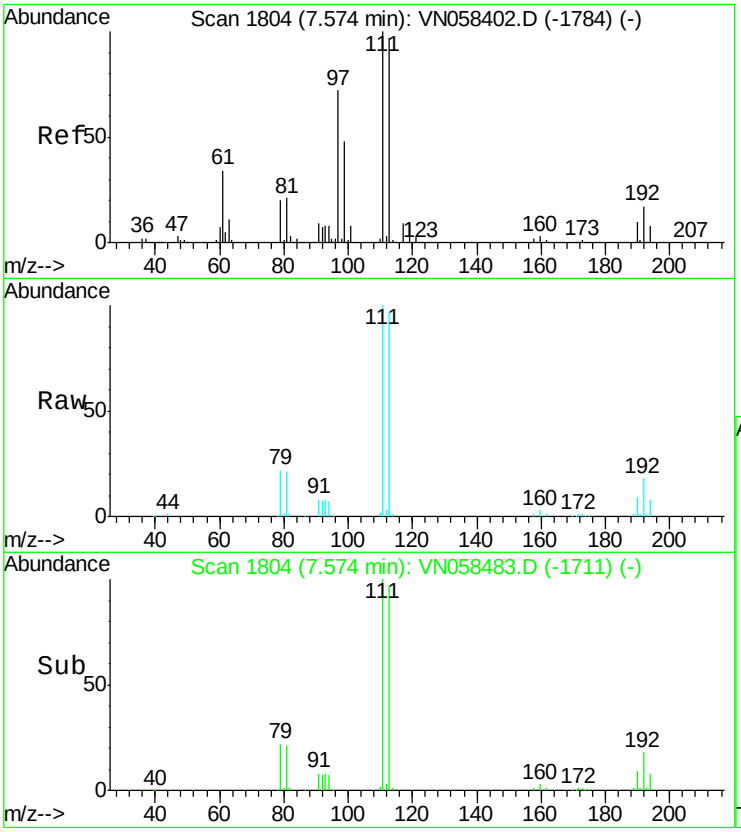


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion:114 Resp: 635546

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.0
88	16.2	0.0	32.2



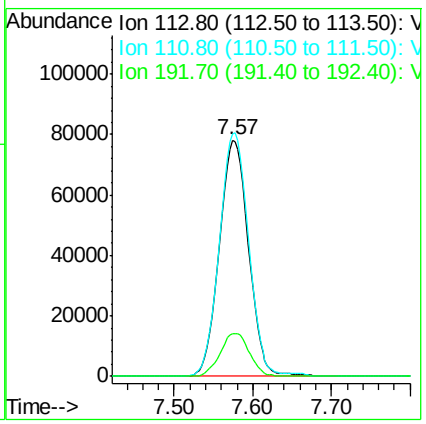


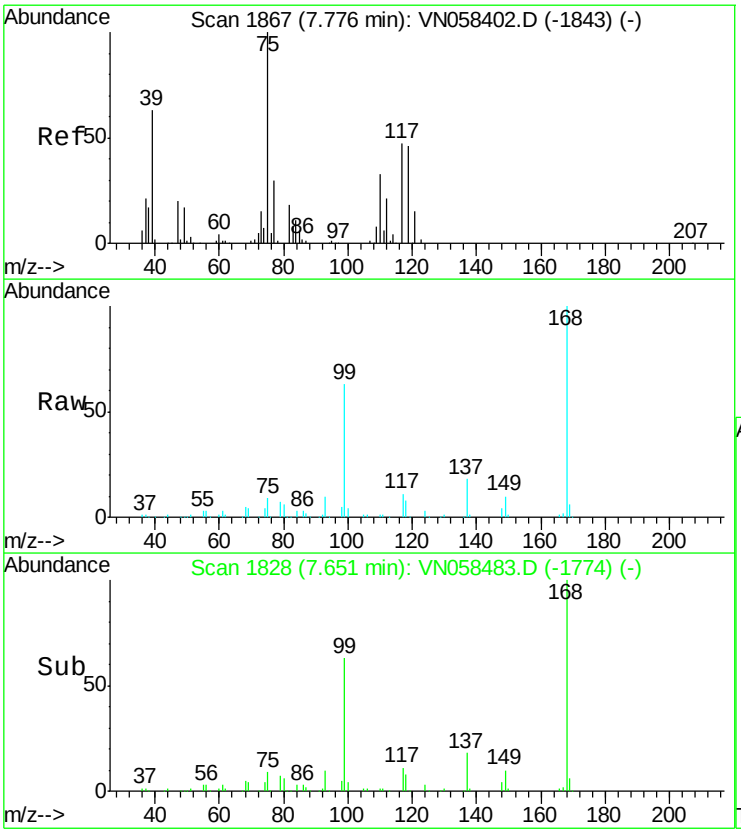
#35
Dibromofluoromethane
Concen: 51.448 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion:113 Resp: 200400

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	18.3	14.9	22.3

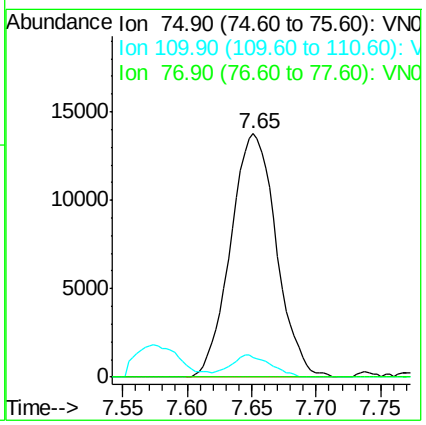


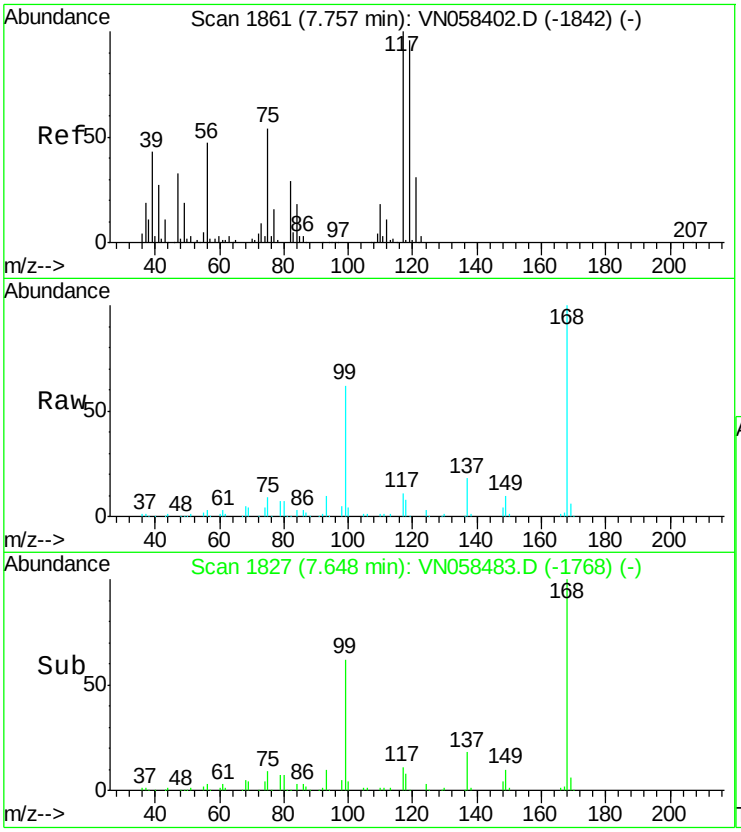


#36
1,1-Dichloropropene
Concen: 5.587 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.13 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 75 Resp: 33951

Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.4	49.2#
77	0.0	24.3	36.5#



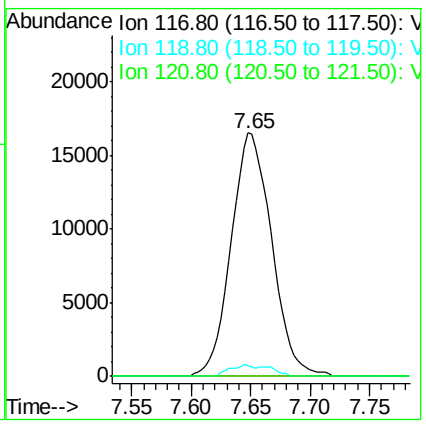


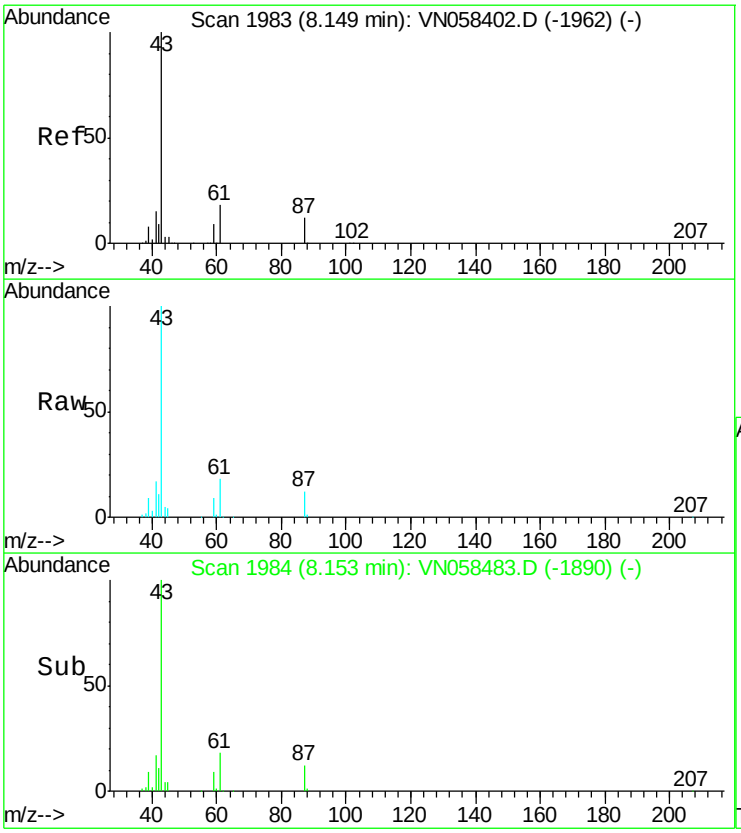
#38
Carbon Tetrachloride
Concen: 7.108 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion:117 Resp: 38990

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.6	115.0#
121	0.0	24.7	37.1#

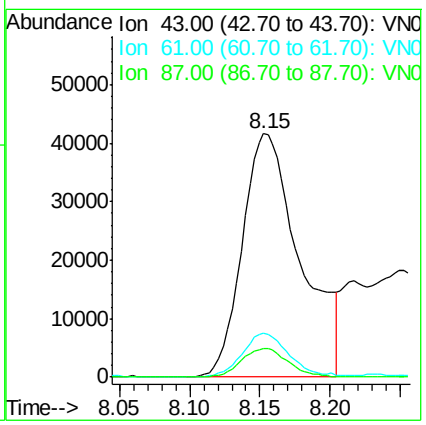


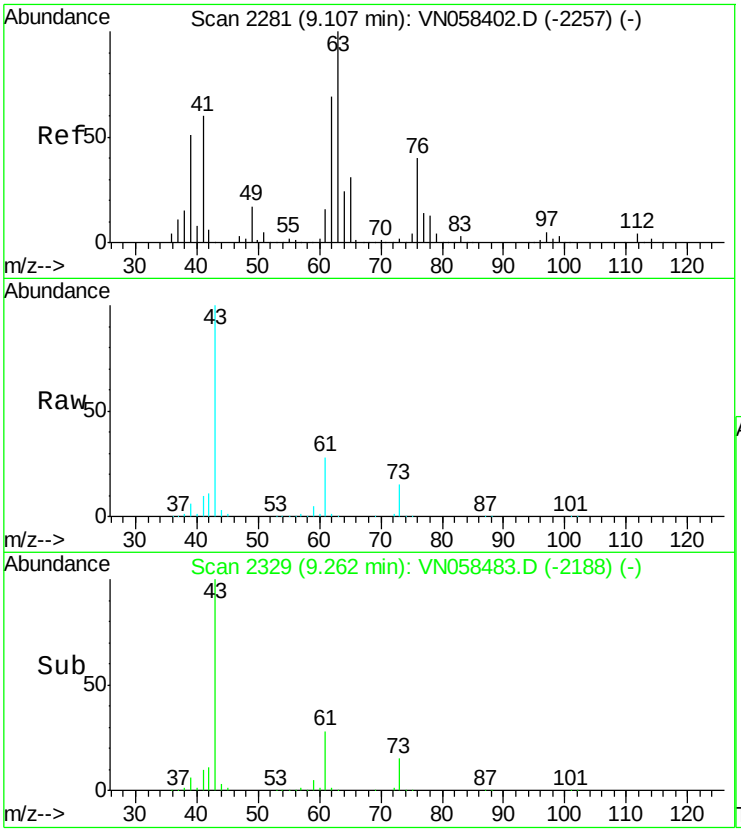


#43
Isopropyl Acetate
Concen: 12.330 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 43 Resp: 119461

Ion	Ratio	Lower	Upper
43	100		
61	14.3	14.8	22.2#
87	9.5	9.7	14.5#



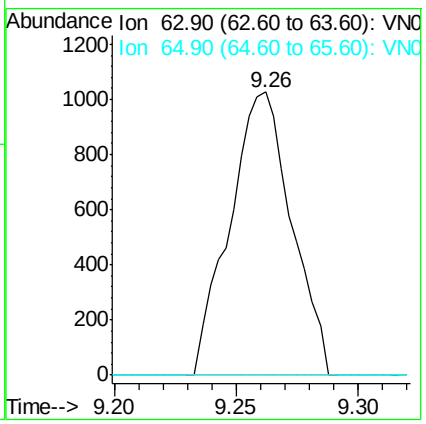


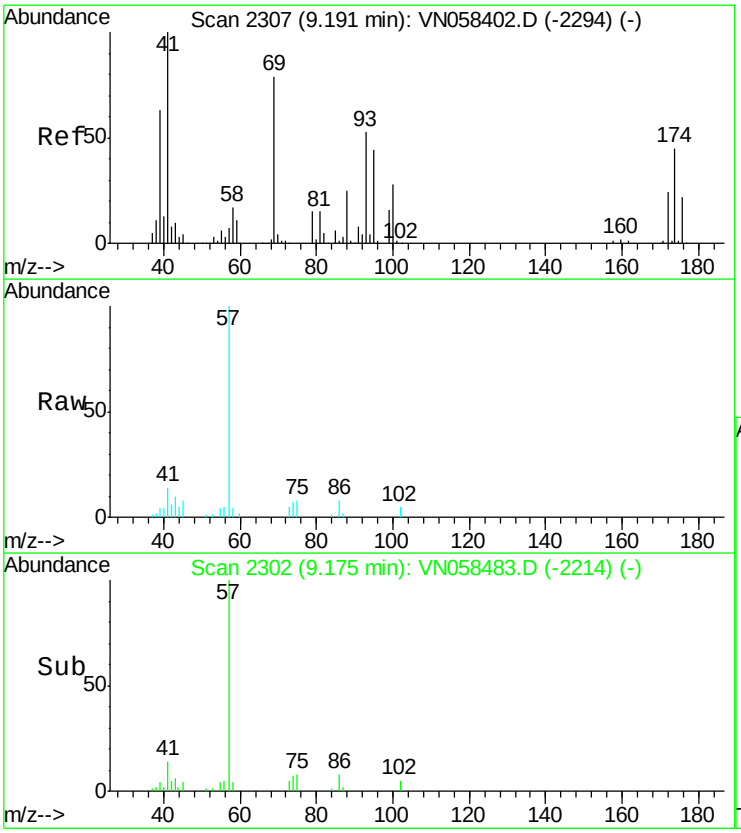
#45
1,2-Dichloropropane
Concen: 0.385 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.15 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument : MSVOA_N
ClientSampleId : OK-01-093019

Tgt Ion: 63 Resp: 1803

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

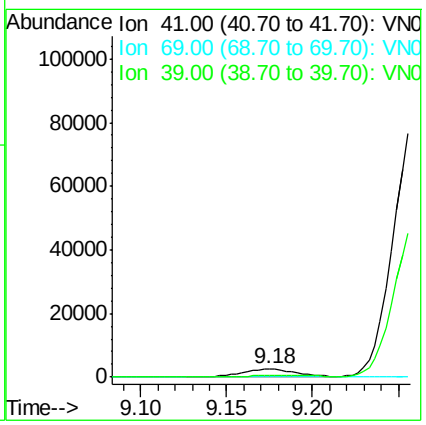


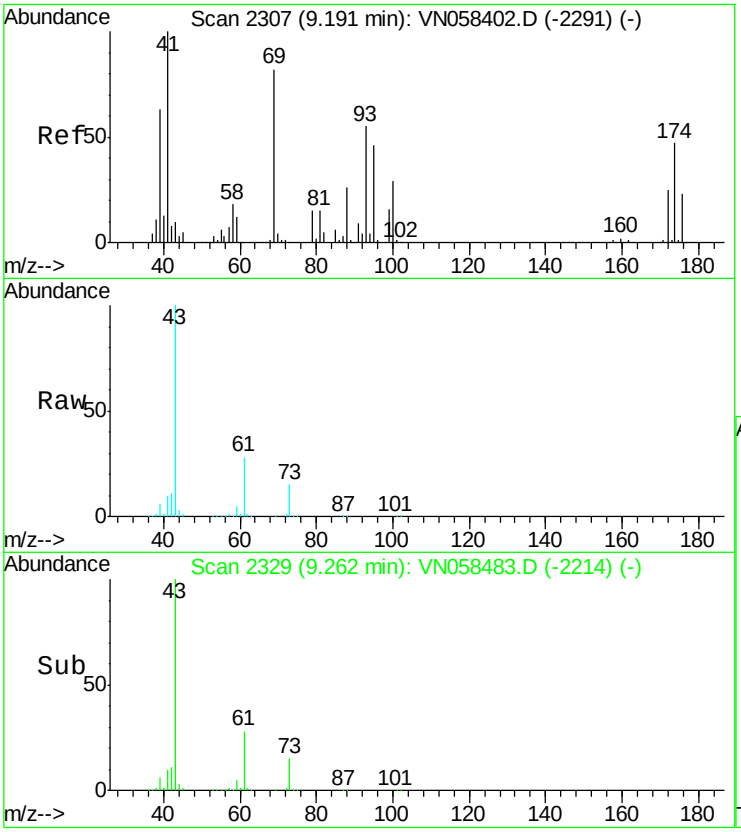


#48
Methyl methacrylate
Concen: 1.321 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 41 Resp: 5829

Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.7	97.1#
39	0.0	52.9	79.3#



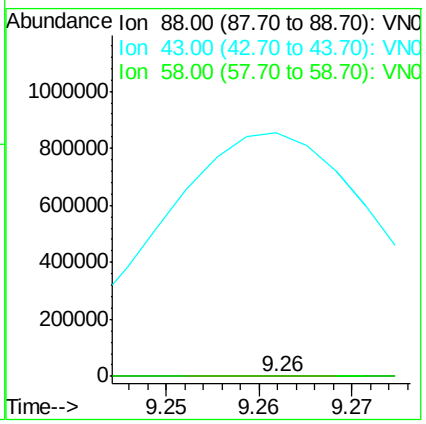


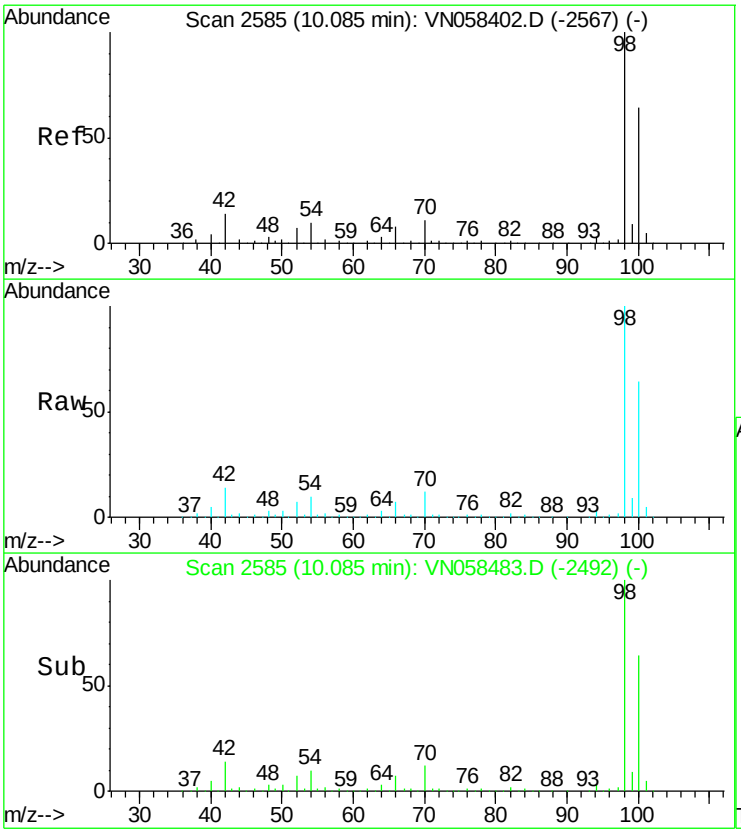
#49
1,4-Dioxane
Concen: 1.051 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument : MSVOA_N
ClientSampleId : OK-01-093019

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	2567443.5	31.1	46.7#
58	11485.5	58.1	87.1#

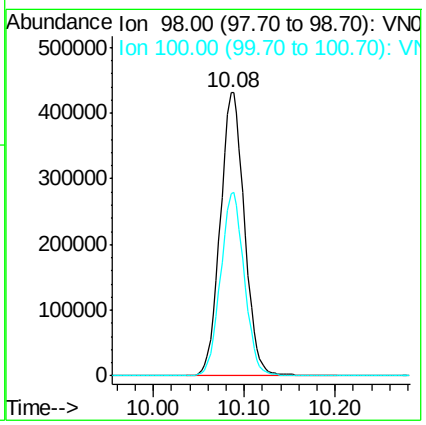


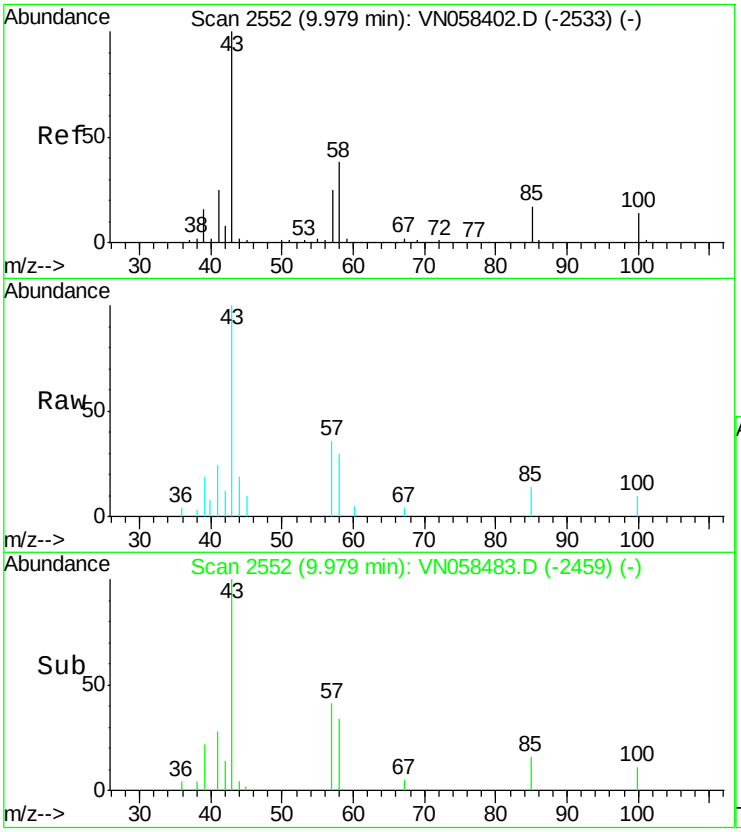


#50
Toluene-d8
Concen: 52.268 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 98 Resp: 797560

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.0	76.6



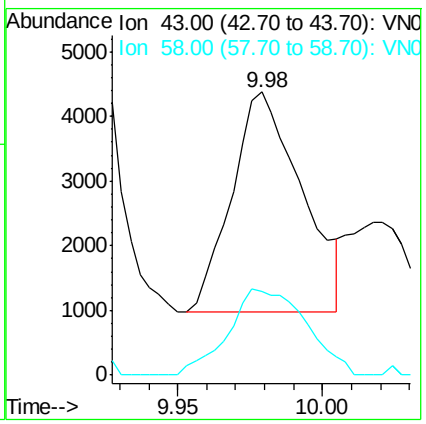


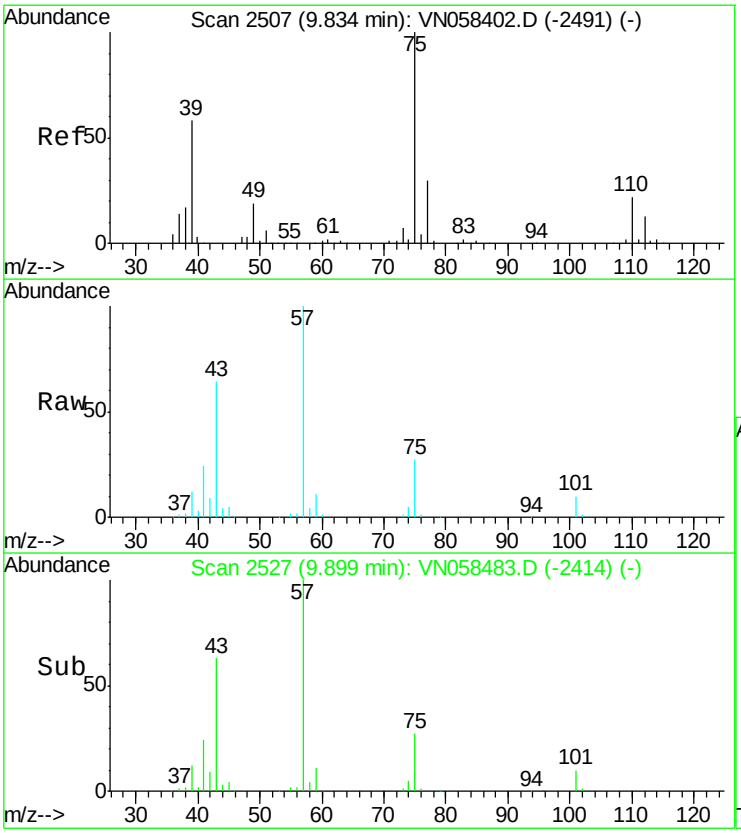
#51
4-Methyl-2-Pentanone
Concen: 1.145 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion: 43 Resp: 5696

Ion	Ratio	Lower	Upper
43	100		
58	43.7	30.2	45.2

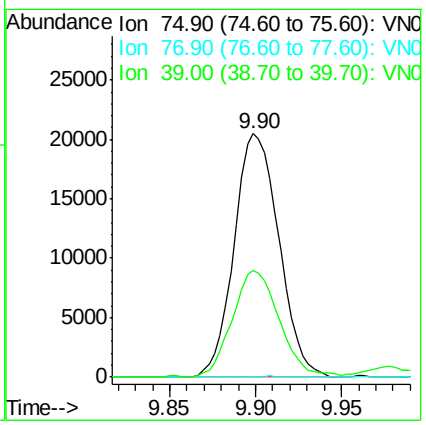


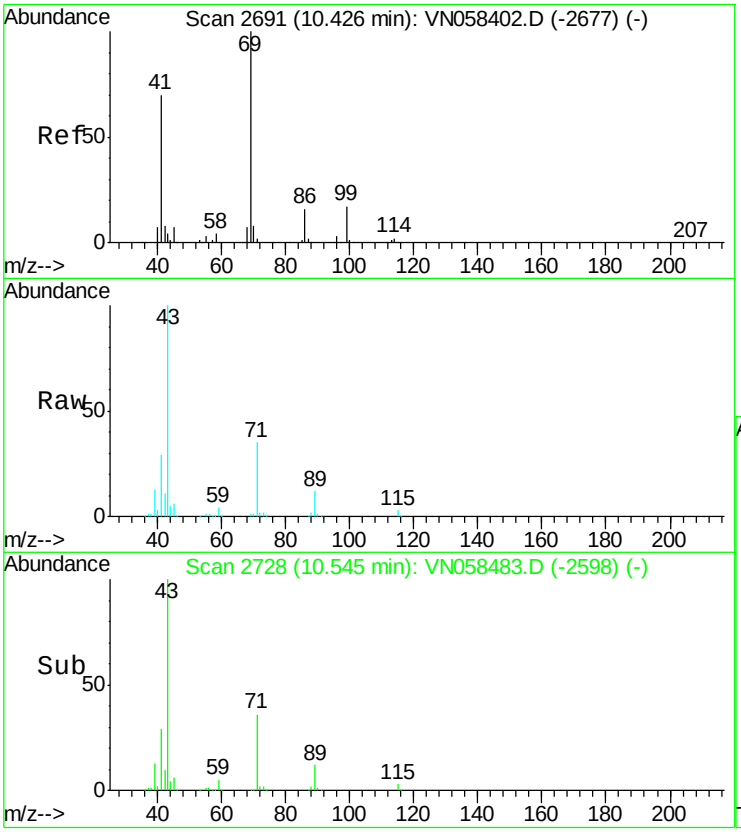


#54
cis-1,3-Dichloropropene
Concen: 5.447 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.06 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 75 Resp: 36995

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.4#
39	44.0	46.4	69.6#



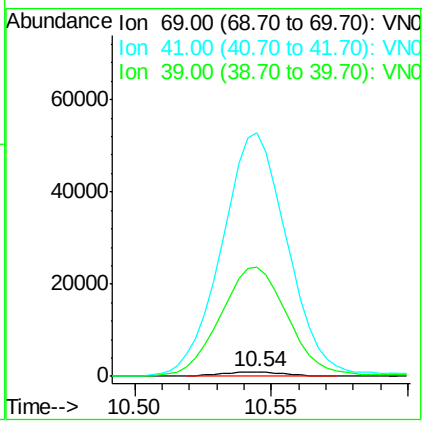


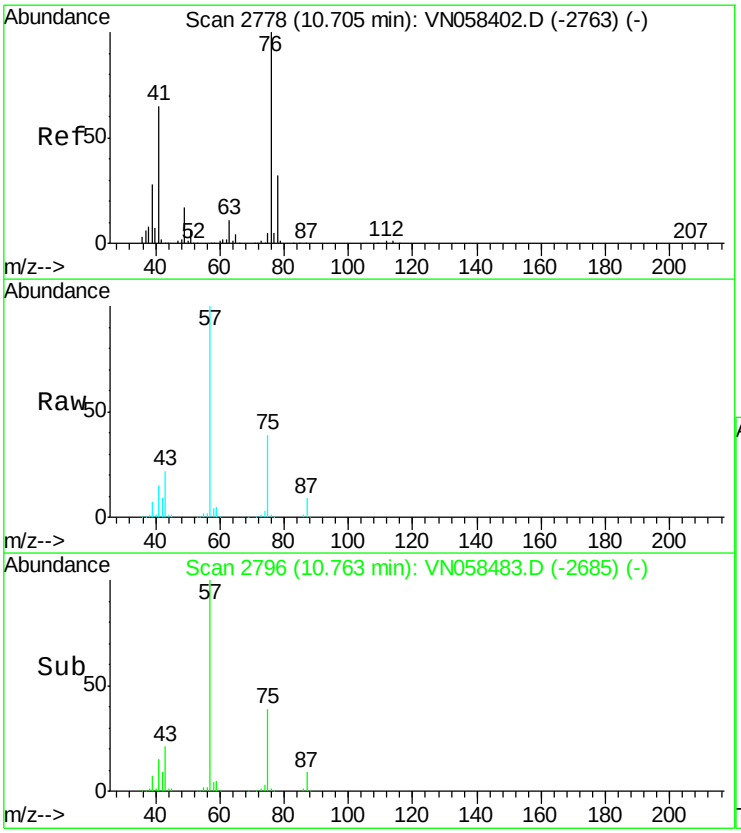
#56
Ethyl methacrylate
Concen: 0.264 ug/l
RT: 10.54 min Scan# 2728
Delta R.T. 0.12 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument : MSVOA_N
ClientSampleId : OK-01-093019

Tgt Ion: 69 Resp: 1601

Ion	Ratio	Lower	Upper
69	100		
41	5490.4	56.3	84.5#
39	2547.3	35.8	53.6#

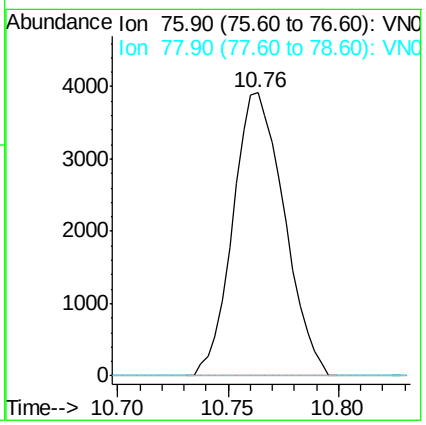


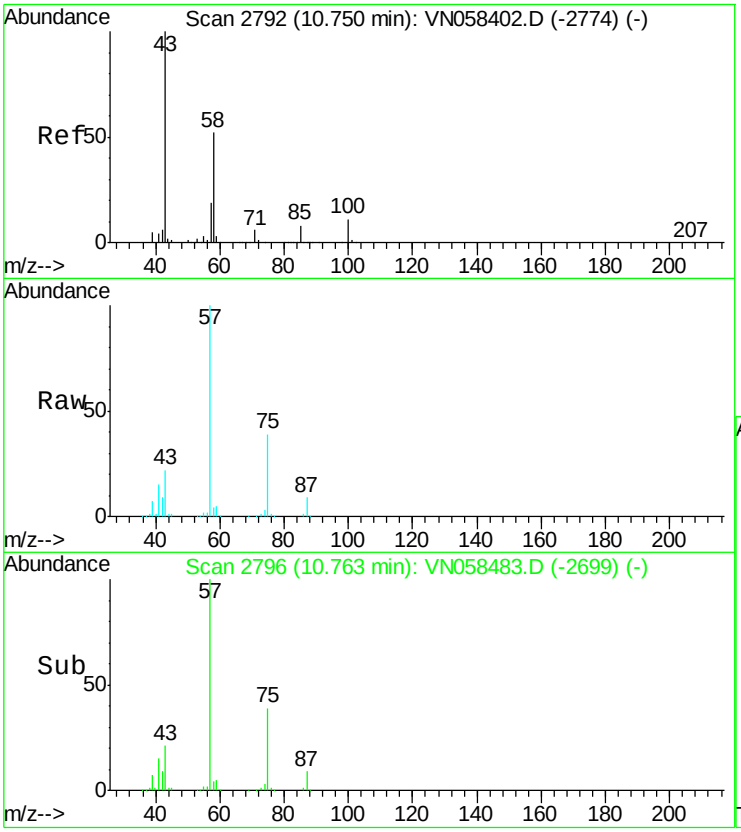


#57
1,3-Dichloropropane
Concen: 0.888 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 76 Resp: 6341

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



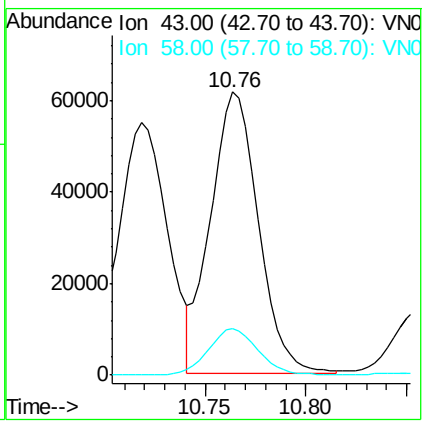


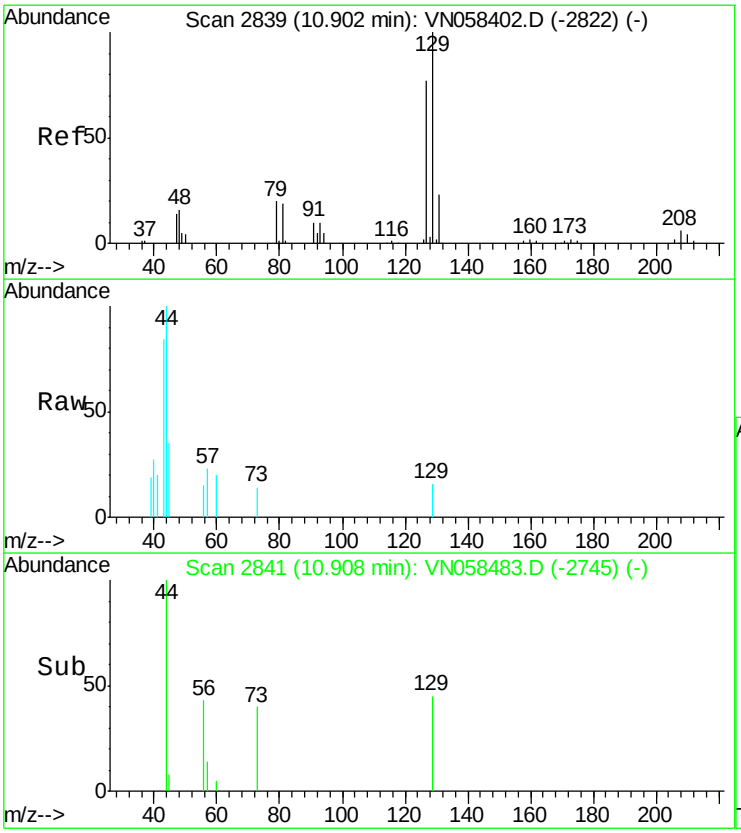
#59
2-Hexanone
Concen: 27.940 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument : MSVOA_N
ClientSampleId : OK-01-093019

Tgt Ion: 43 Resp: 101249

Ion	Ratio	Lower	Upper
43	100		
58	17.2	25.8	77.3#

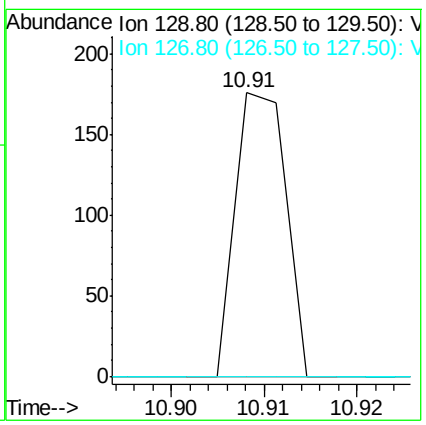


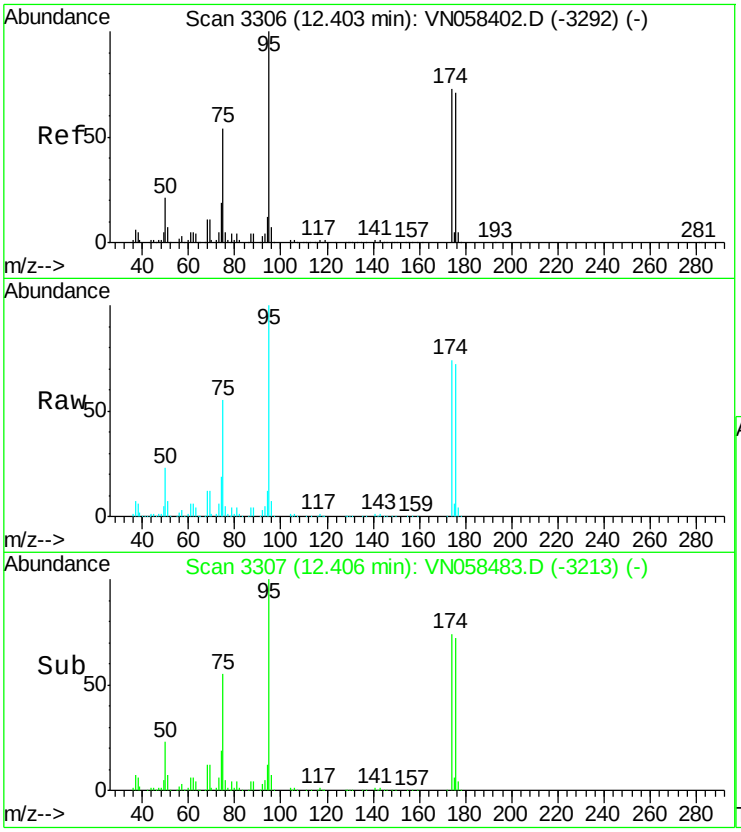


#60
Dibromochloromethane
Concen: Below Cal
RT: 10.91 min Scan# 2841
Delta R.T. 0.01 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion:129 Resp: 67

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.8#



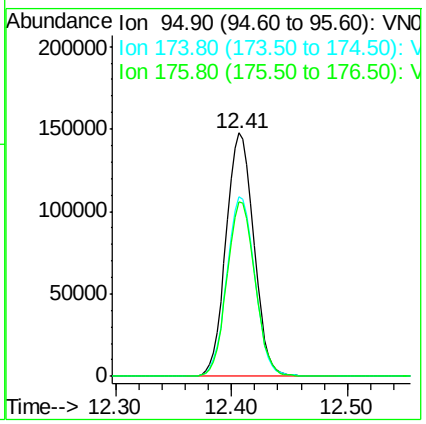


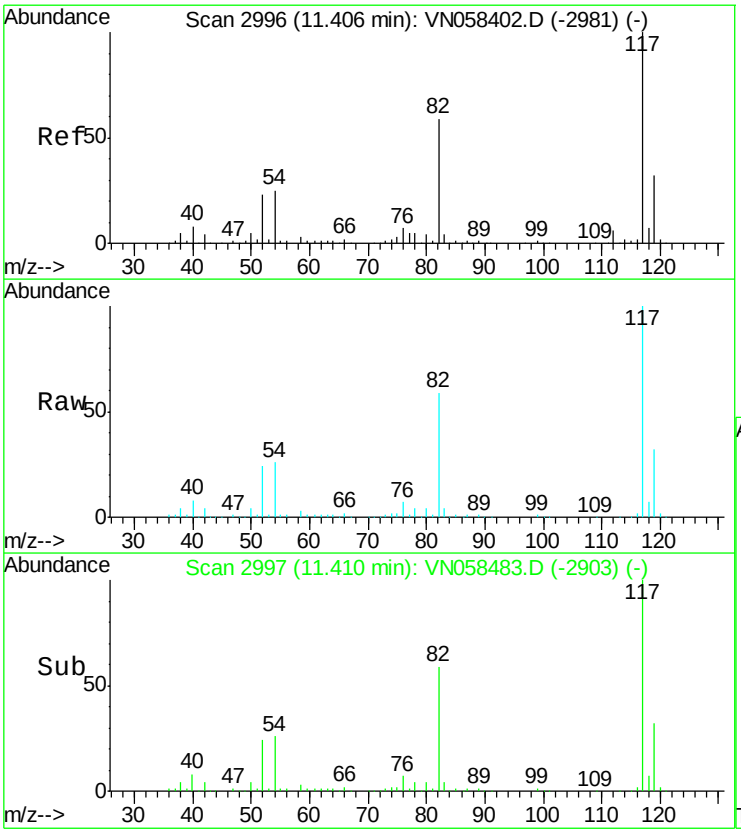
#62
4-Bromofluorobenzene
Concen: 44.534 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion: 95 Resp: 245713

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	150.6
176	72.3	0.0	146.2

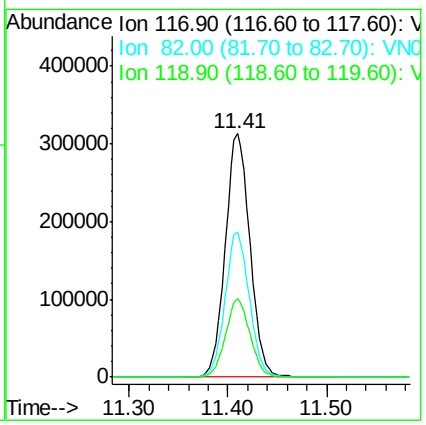


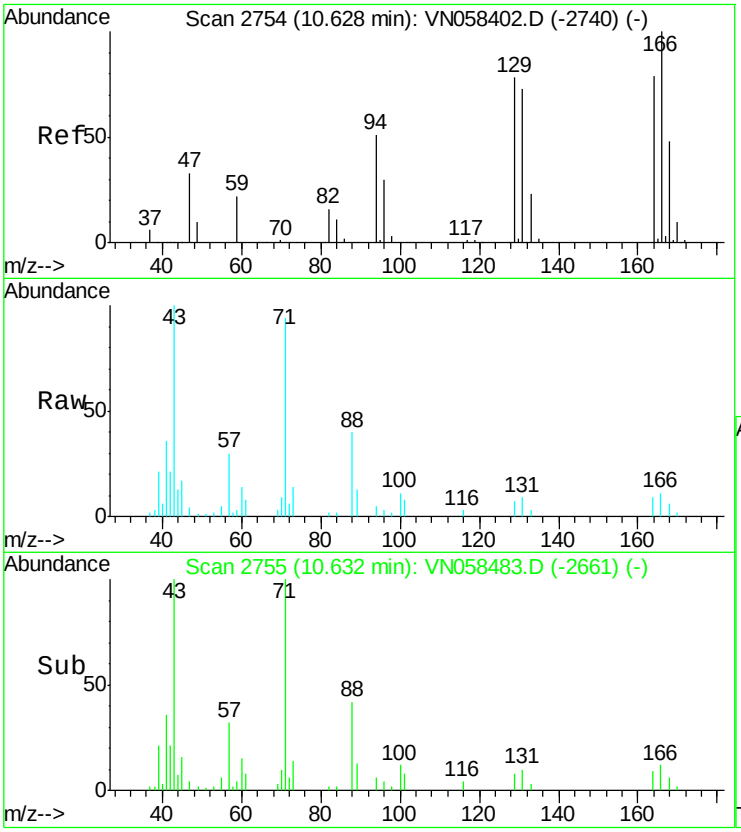


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion:117 Resp: 547485

Ion	Ratio	Lower	Upper
117	100		
82	59.4	47.4	71.0
119	32.0	25.5	38.3



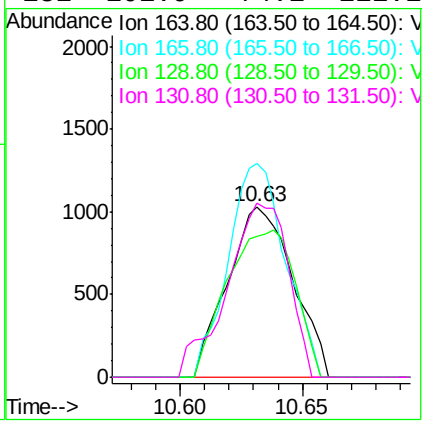


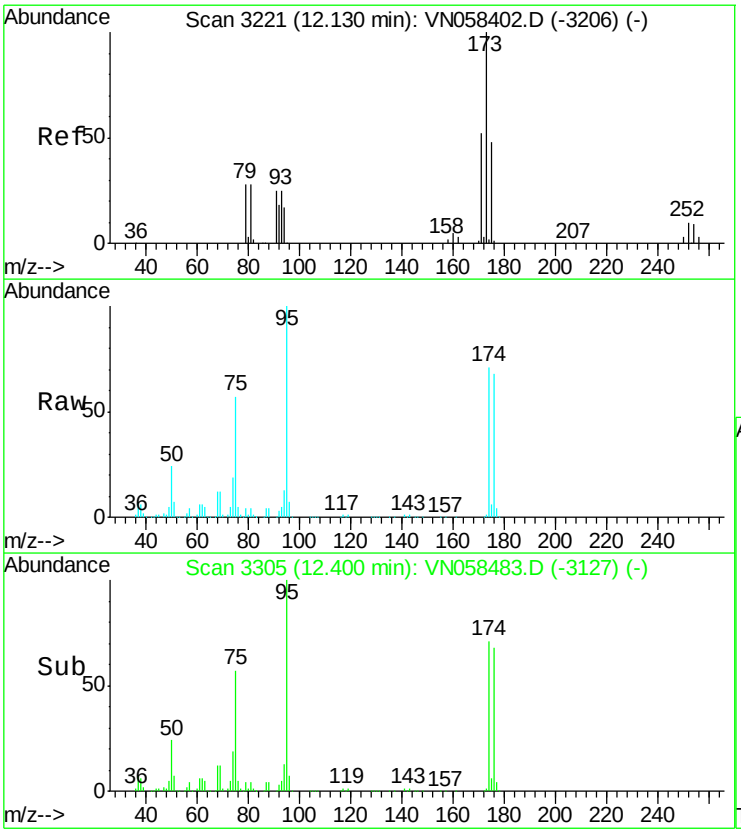
#64
Tetrachloroethene
Concen: 0.549 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion:164 Resp: 1909

Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.1	151.7
129	82.2	79.2	118.8
131	101.9	74.1	111.1

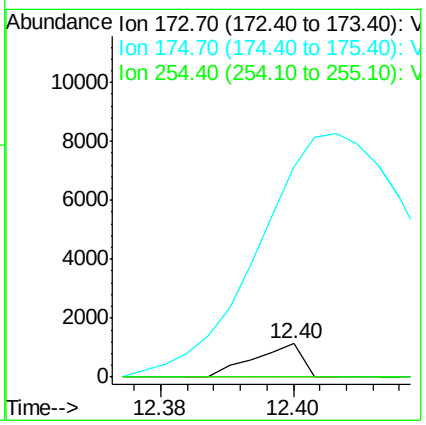


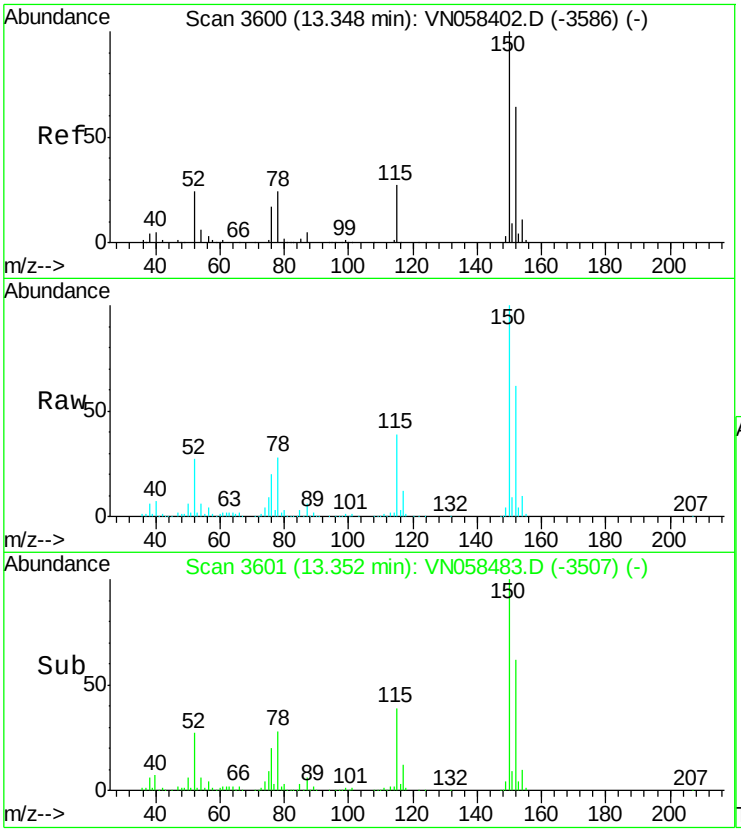


#71
Bromoform
Concen: 0.917 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion:173 Resp: 570

Ion	Ratio	Lower	Upper
173	100		
175	2004.4	24.3	73.0#
254	0.0	0.1	0.1#



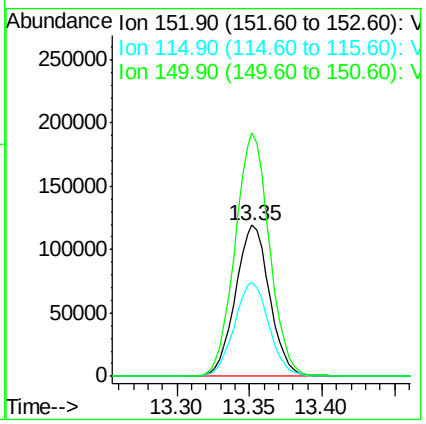


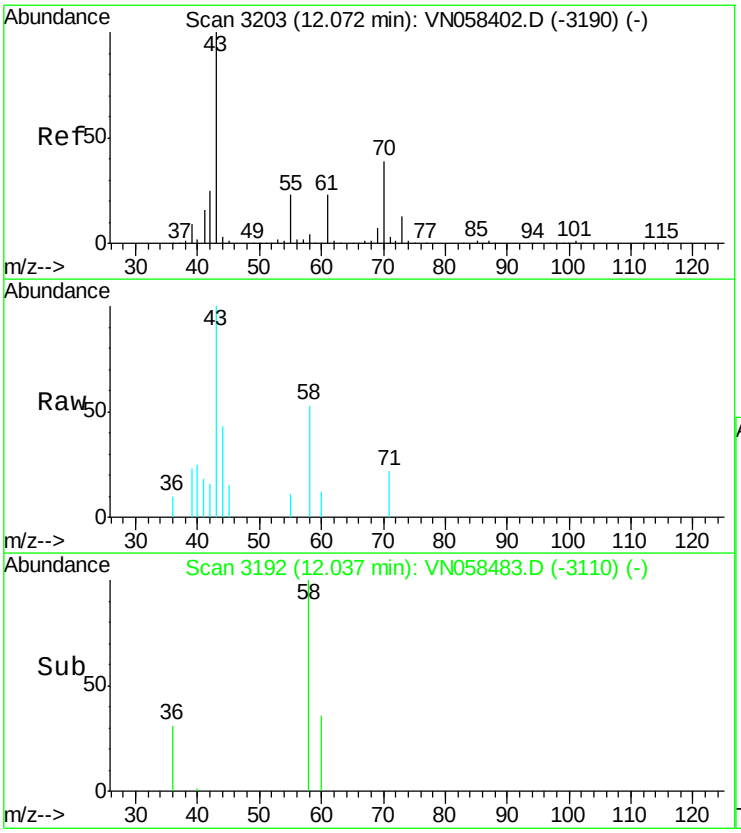
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion:152 Resp: 195566

Ion	Ratio	Lower	Upper
152	100		
115	63.1	30.0	90.0
150	161.4	0.0	348.2

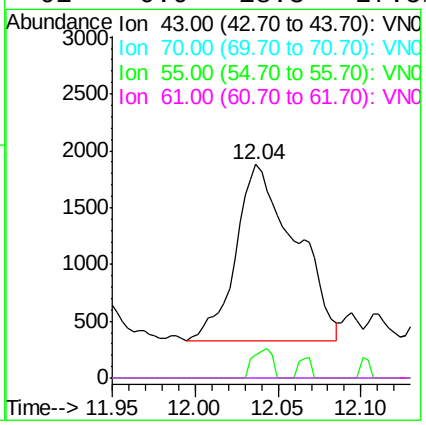


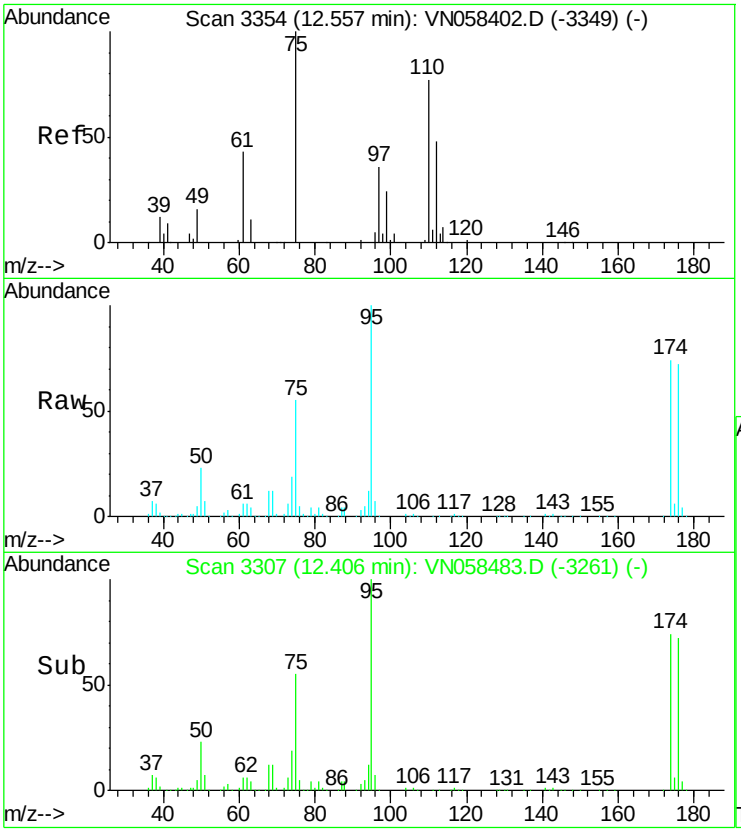


#74
N-amyl acetate
Concen: 0.671 ug/l
RT: 12.04 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion: 43 Resp: 3857

Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.4	47.2#
55	5.4	18.2	27.4#
61	0.0	18.3	27.5#



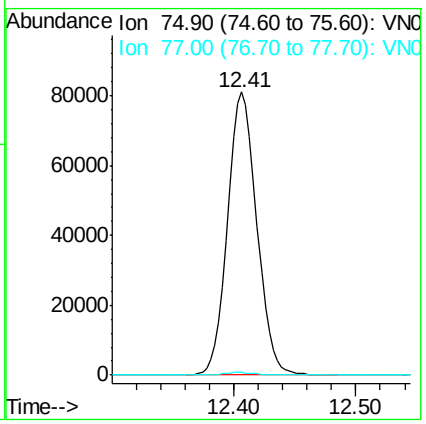


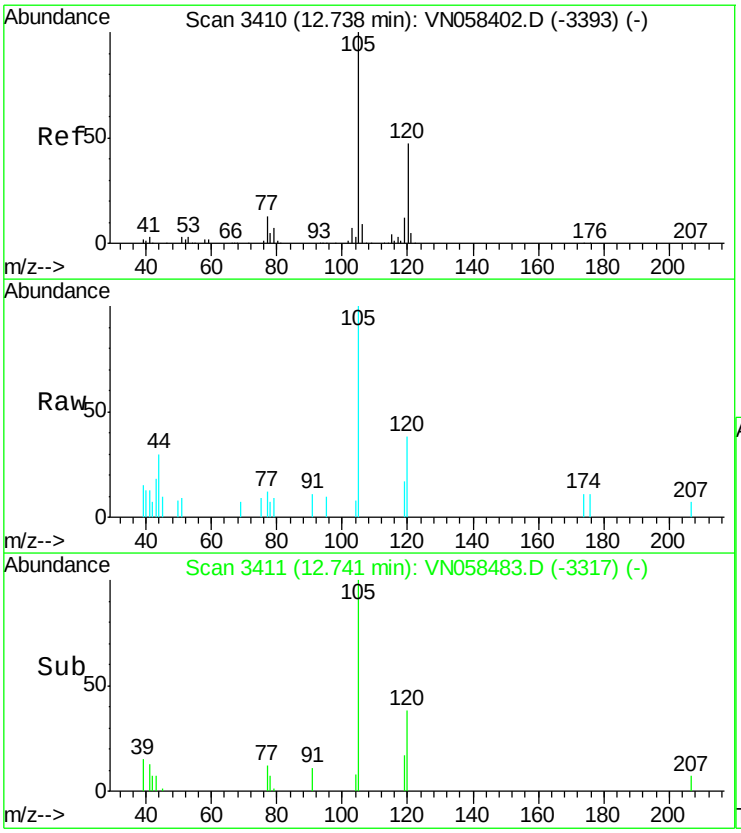
#76
1,2,3-Trichloropropane
Concen: 37.920 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion: 75 Resp: 135451

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#

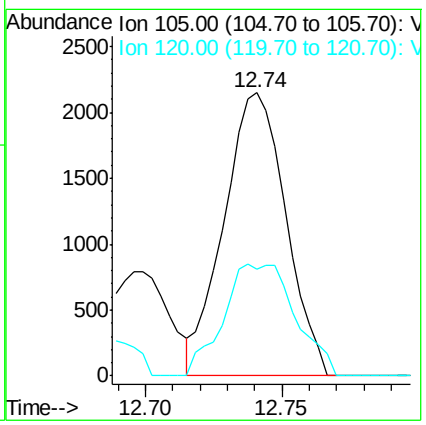


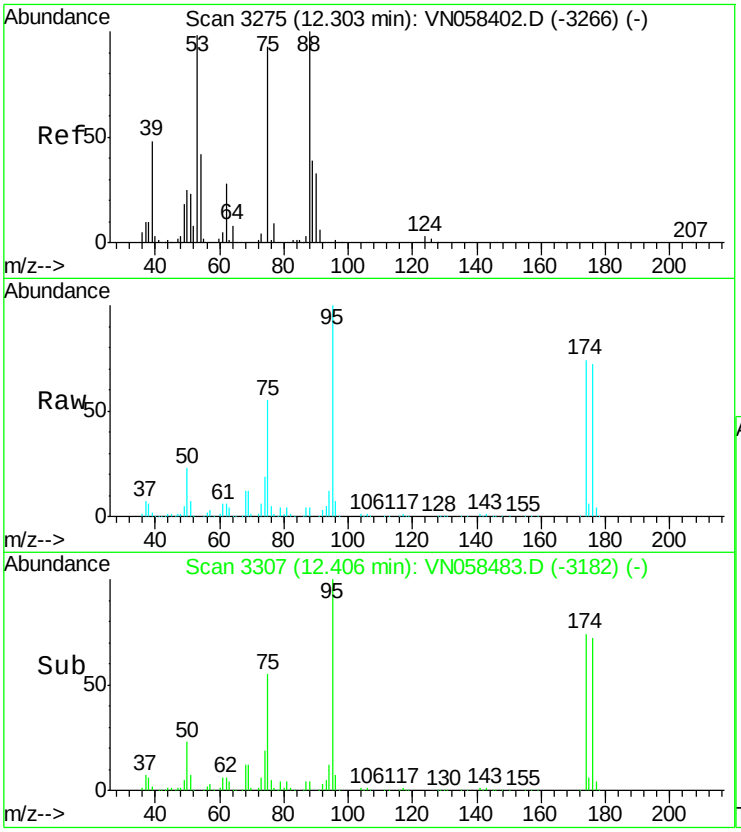


#80
1,3,5-Trimethylbenzene
Concen: 0.280 ug/l
RT: 12.74 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion:105 Resp: 3389

Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.5	70.6



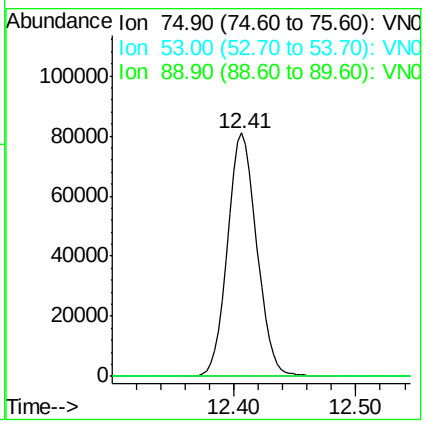


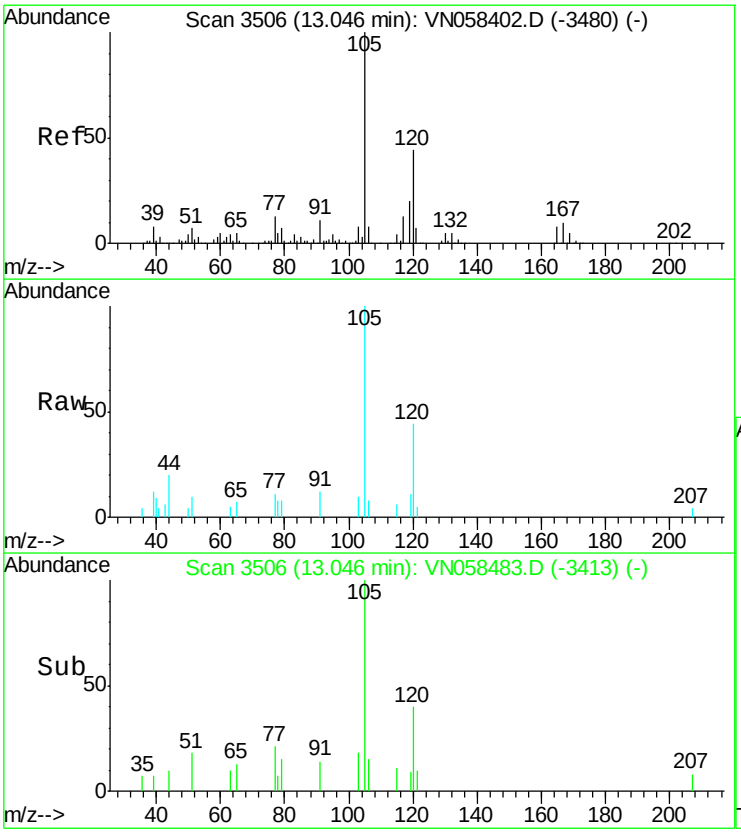
#81
trans-1,4-Dichloro-2-butene
Concen: 115.167 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion: 75 Resp: 135451

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.4	128.0#
89	0.0	35.0	52.4#

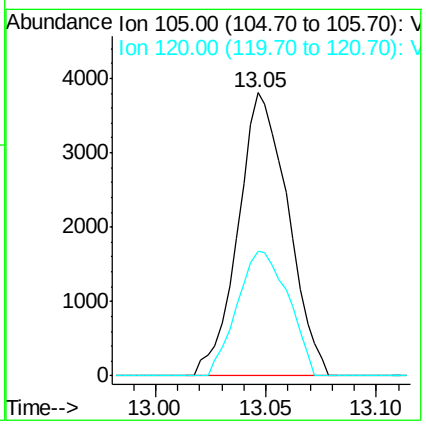


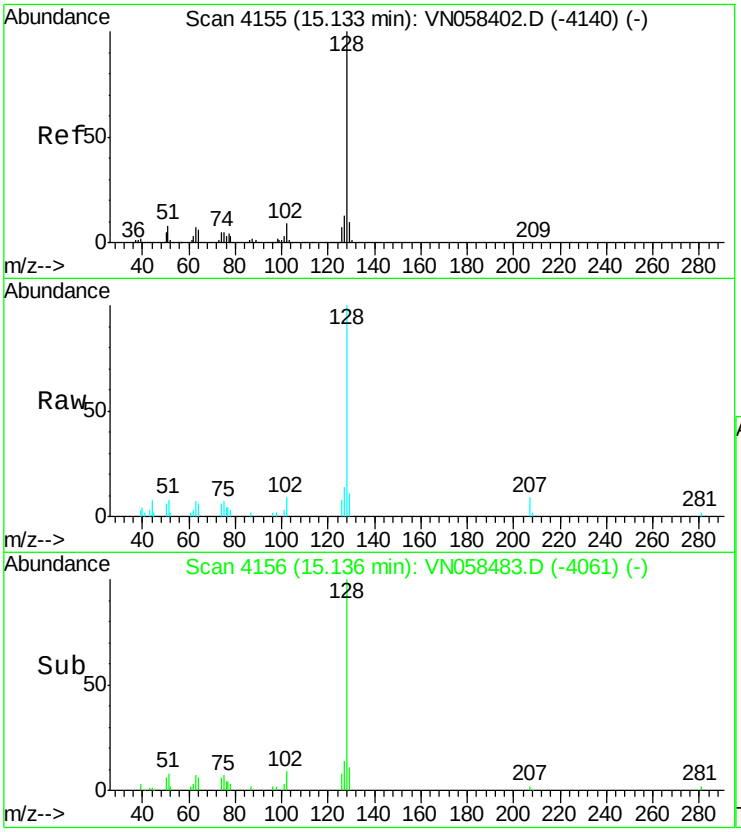


#84
1,2,4-Trimethylbenzene
Concen: 0.495 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Tgt Ion:105 Resp: 5997

Ion	Ratio	Lower	Upper
105	100		
120	45.0	21.7	65.1





#95
Naphthalene
Concen: 2.148 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058483.D
Acq: 2 Oct 2019 18:29

Instrument :
MSVOA_N
ClientSampleId :
OK-01-093019

Tgt Ion:128 Resp: 20787

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.4
129	10.0	8.3	12.5