Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111219\
Data File : VN059185.D
Acq On : 12 Nov 2019 13:17
Operator : JC/SP
Sample : VN1112MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 13 05:38:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	405581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	638713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	582364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	264043	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	266166	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.78%			
35) Dibromofluoromethane	7.57	113	206950	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.52%			
50) Toluene-d8	10.08	98	778646	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.66%			
62) 4-Bromofluorobenzene	12.40	95	273433	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	76577	18.739	ug/l	99
3) Chloromethane	2.04	50	105914	19.067	ug/l	99
4) Vinyl Chloride	2.17	62	107687	19.996	ug/l	100
5) Bromomethane	2.54	94	63126	20.369	ug/l	98
6) Chloroethane	2.68	64	65486	20.556	ug/l	99
7) Trichlorofluoromethane	3.00	101	135114	20.975	ug/l	99
8) Diethyl Ether	3.39	74	51454	19.659	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	78409	20.188	ug/l	100
10) Methyl Iodide	3.93	142	93732	19.497	ug/l	100
11) Tert butyl alcohol	4.75	59	102892	108.290	ug/l	99
12) 1,1-Dichloroethene	3.71	96	75661	19.998	ug/l	96
13) Acrolein	3.58	56	36577	74.665	ug/l	98
14) Allyl chloride	4.29	41	151770	19.529	ug/l	98
15) Acrylonitrile	4.96	53	246800	104.373	ug/l	98
16) Acetone	3.79	43	256587	98.968	ug/l	98
17) Carbon Disulfide	4.03	76	207458	17.664	ug/l	99
18) Methyl Acetate	4.30	43	137062	22.273	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	268541	20.616	ug/l	100
20) Methylene Chloride	4.52	84	92545	20.489	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	81455	20.057	ug/l	95
22) Diisopropyl ether	5.92	45	309540	21.086	ug/l	94
23) Vinyl Acetate	5.87	43	1267043	111.370	ug/l	100
24) 1,1-Dichloroethane	5.82	63	170465	20.791	ug/l	99
25) 2-Butanone	6.81	43	357831	104.723	ug/l	99
26) 2,2-Dichloropropane	6.80	77	143156	19.968	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	96749	20.534	ug/l	100
28) Bromochloromethane	7.17	49	52566	21.310	ug/l	99
29) Tetrahydrofuran	7.19	42	237376	109.334	ug/l	99
30) Chloroform	7.35	83	167842	21.340	ug/l	97
31) Cyclohexane	7.63	56	146575	18.884	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	142489	21.548	ug/l	99
36) 1,1-Dichloropropene	7.77	75	120565	20.195	ug/l	99
37) Ethyl Acetate	6.90	43	144122	21.700	ug/l	99
38) Carbon Tetrachloride	7.75	117	121411	20.432	ug/l	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111219\
Data File : VN059185.D
Acq On : 12 Nov 2019 13:17
Operator : JC/SP
Sample : VN1112MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 13 05:38:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.07	83	135246	19.519	ug/l		97
40) Benzene	8.02	78	367832	20.460	ug/l		99
41) Methacrylonitrile	7.18	41	208609	72.232	ug/l	#	100
42) 1,2-Dichloroethane	8.10	62	133148	21.594	ug/l		98
43) Isopropyl Acetate	8.14	43	219789	20.758	ug/l		100
44) Trichloroethene	8.82	130	88961	20.130	ug/l		98
45) 1,2-Dichloropropane	9.10	63	101386	20.762	ug/l		98
46) Dibromomethane	9.19	93	63433	20.846	ug/l		97
47) Bromodichloromethane	9.39	83	130378	21.457	ug/l		100
48) Methyl methacrylate	9.18	41	100569	21.234	ug/l		97
49) 1,4-Dioxane	9.18	88	36135	429.320	ug/l		97
51) 4-Methyl-2-Pentanone	9.97	43	714072	119.188	ug/l		98
52) Toluene	10.14	92	224246	20.811	ug/l		99
53) t-1,3-Dichloropropene	10.37	75	141866	20.209	ug/l		100
54) cis-1,3-Dichloropropene	9.83	75	154917	20.515	ug/l		98
55) 1,1,2-Trichloroethane	10.55	97	93879	21.527	ug/l		99
56) Ethyl methacrylate	10.42	69	135814	19.846	ug/l		98
57) 1,3-Dichloropropane	10.70	76	158835	21.162	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.68	63	269588	111.079	ug/l		100
59) 2-Hexanone	10.74	43	520634	113.219	ug/l		98
60) Dibromochloromethane	10.90	129	98159	21.289	ug/l		100
61) 1,2-Dibromoethane	11.00	107	92086	20.859	ug/l		99
64) Tetrachloroethene	10.62	164	79063	19.965	ug/l		98
65) Chlorobenzene	11.43	112	235654	20.758	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	90626	21.281	ug/l		99
67) Ethyl Benzene	11.51	91	415195	20.613	ug/l		99
68) m/p-Xylenes	11.62	106	306108	40.571	ug/l		98
69) o-Xylene	11.95	106	146818	20.136	ug/l		100
70) Styrene	11.96	104	233398	20.353	ug/l		99
71) Bromoform	12.13	173	69160	20.878	ug/l	#	99
73) Isopropylbenzene	12.25	105	400554	20.855	ug/l		100
74) N-amyl acetate	12.07	43	170198	20.913	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.50	83	143329	21.913	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	187942	31.264	ug/l	#	100
77) Bromobenzene	12.53	156	98105	20.331	ug/l		100
78) n-propylbenzene	12.59	91	464070	21.102	ug/l		100
79) 2-Chlorotoluene	12.67	91	280069	20.529	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	333850	20.513	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	45872	20.155	ug/l		94
82) 4-Chlorotoluene	12.77	91	279079	20.396	ug/l		99
83) tert-Butylbenzene	12.99	119	289748	20.616	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	327887	20.824	ug/l		100
85) sec-Butylbenzene	13.17	105	378392	20.701	ug/l		100
86) p-Isopropyltoluene	13.29	119	332729	20.616	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	168499	20.391	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	166098	20.090	ug/l		99
89) n-Butylbenzene	13.62	91	277154	19.620	ug/l		99
90) Hexachloroethane	13.88	117	64924	20.033	ug/l		98
91) 1,2-Dichlorobenzene	13.65	146	168990	20.789	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28842	22.117	ug/l		93

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Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111219\
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Acq On : 12 Nov 2019 13:17
Operator : JC/SP
Sample : VN1112MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 13 05:38:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84714	19.177	ug/l	97
94) Hexachlorobutadiene	15.01	225	56044	19.996	ug/l	99
95) Naphthalene	15.13	128	224411	18.447	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	87983	19.314	ug/l	100

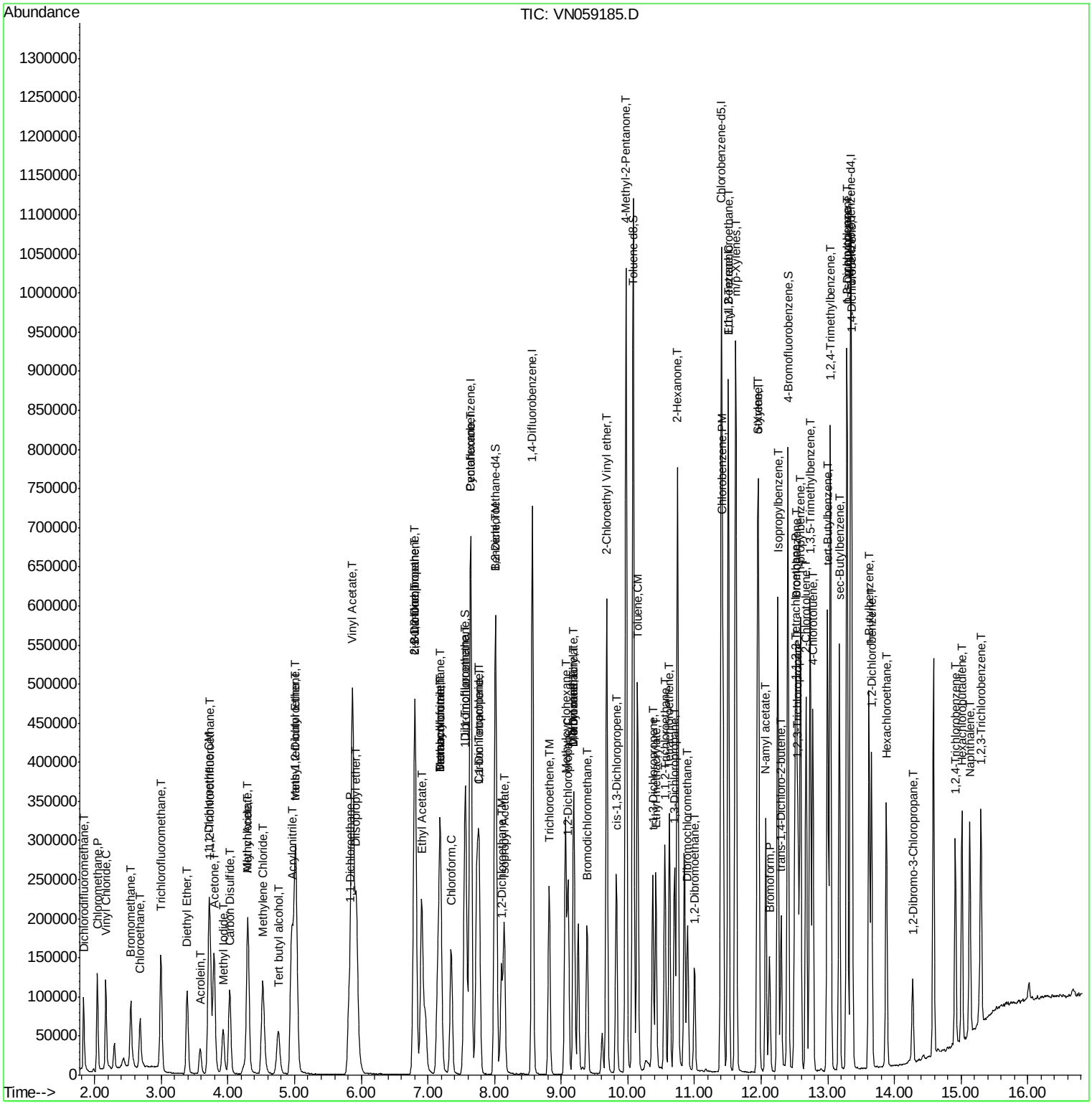
(#) = qualifier out of range (m) = manual integration (+) = signals summed

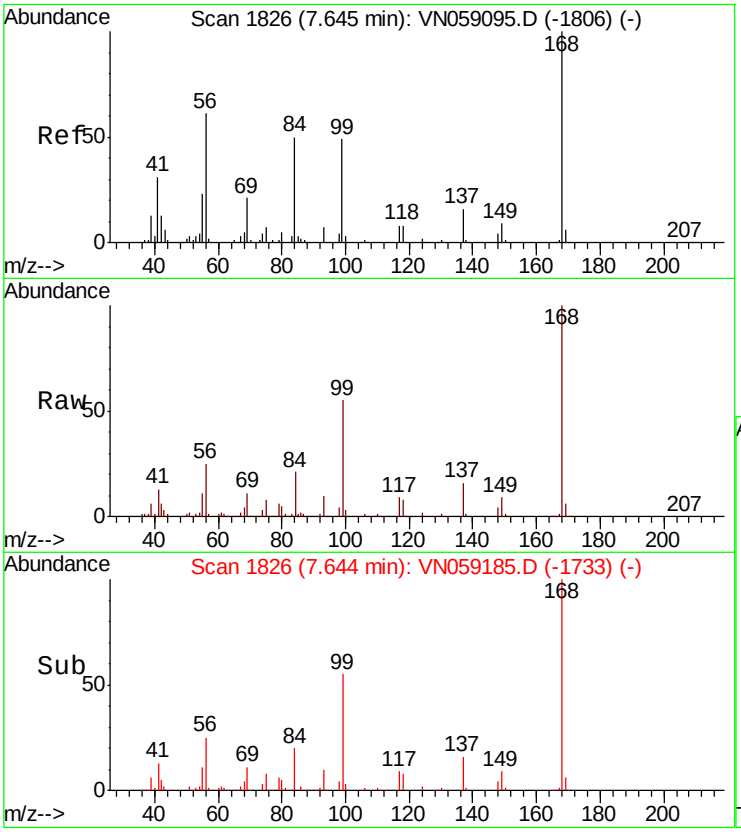
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111219\
Data File : VN059185.D
Acq On : 12 Nov 2019 13:17
Operator : JC/SP
Sample : VN1112MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 13 05:38:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration



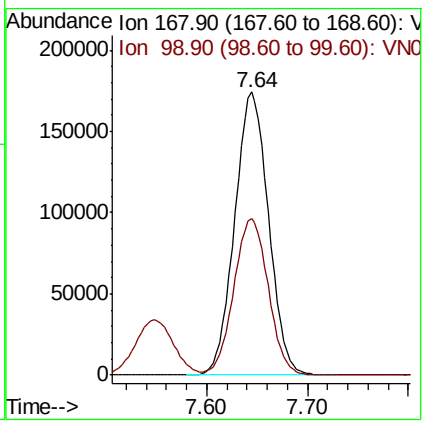


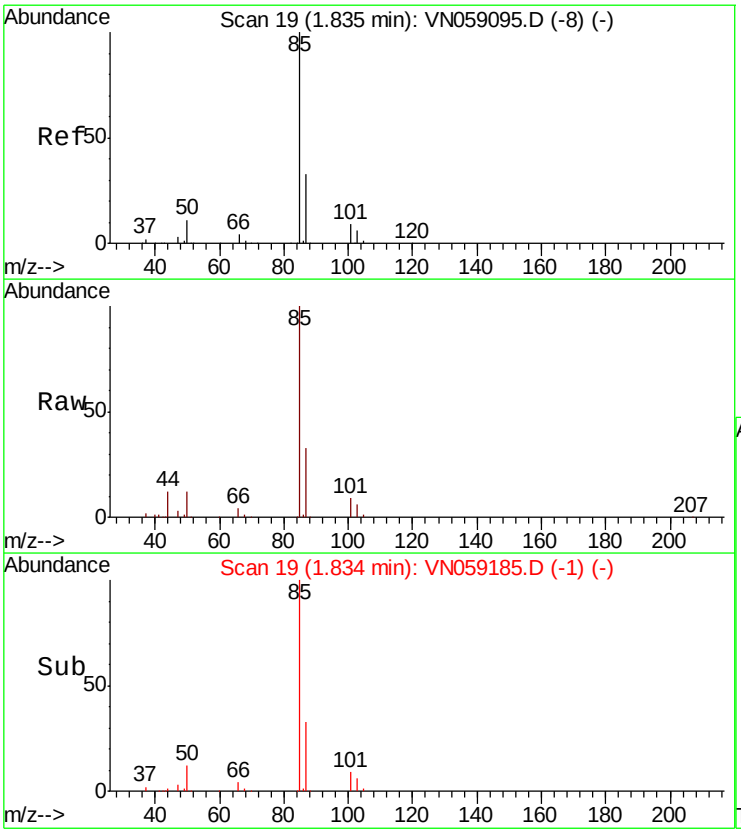
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 405581

Ion	Ratio	Lower	Upper
168	100		
99	55.1	45.7	68.5

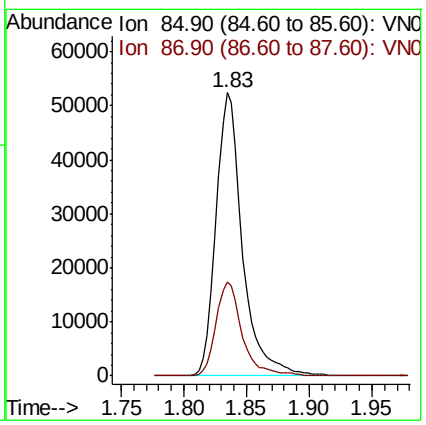


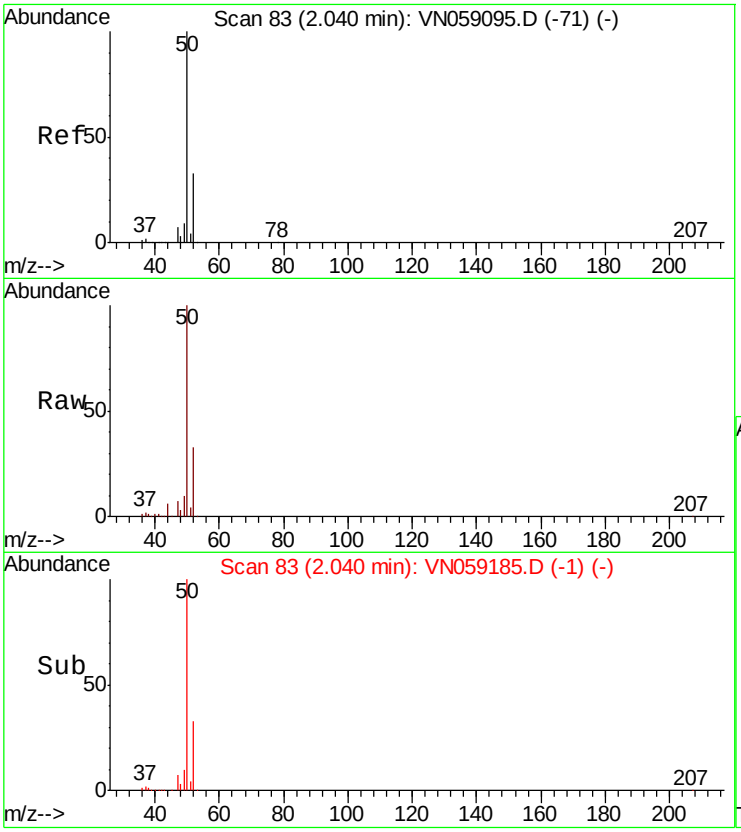


#2
Dichlorodifluoromethane
Concen: 18.739 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 85 Resp: 76577

Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.3	48.9



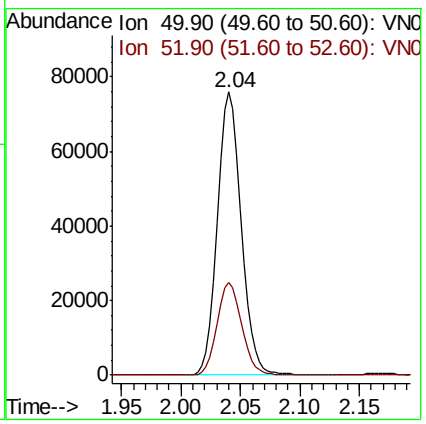


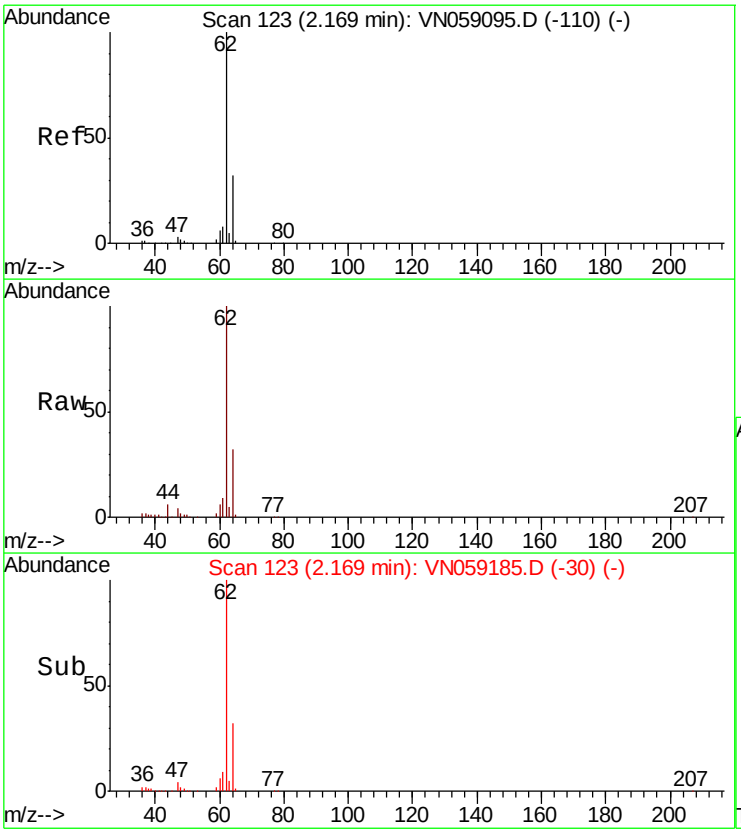
#3
Chloromethane
Concen: 19.067 ug/l
RT: 2.04 min Scan# 83
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 105914

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.0	39.0

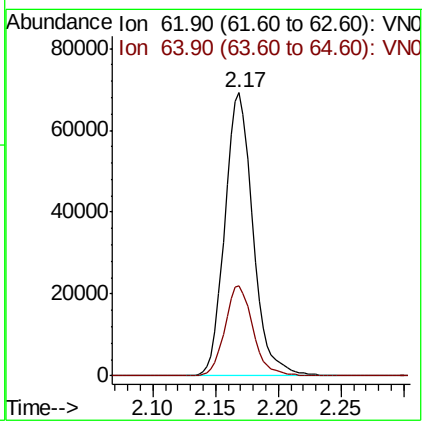


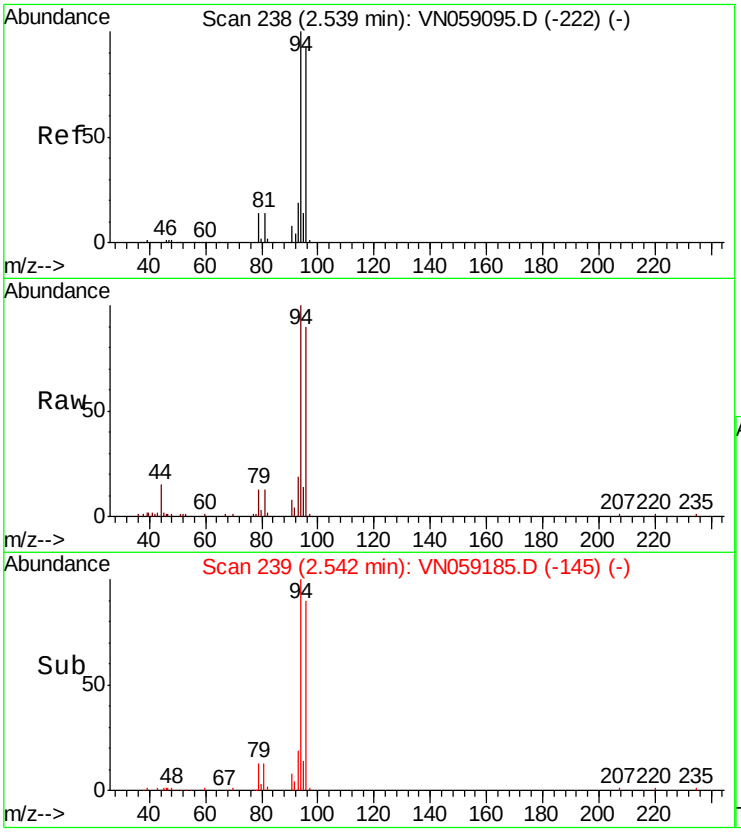


#4
Vinyl Chloride
Concen: 19.996 ug/l
RT: 2.17 min Scan# 123
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 62 Resp: 107687

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.4	38.2



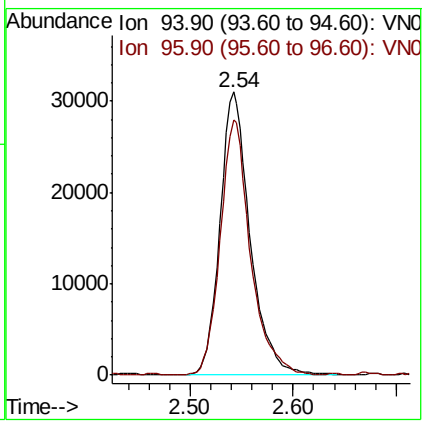


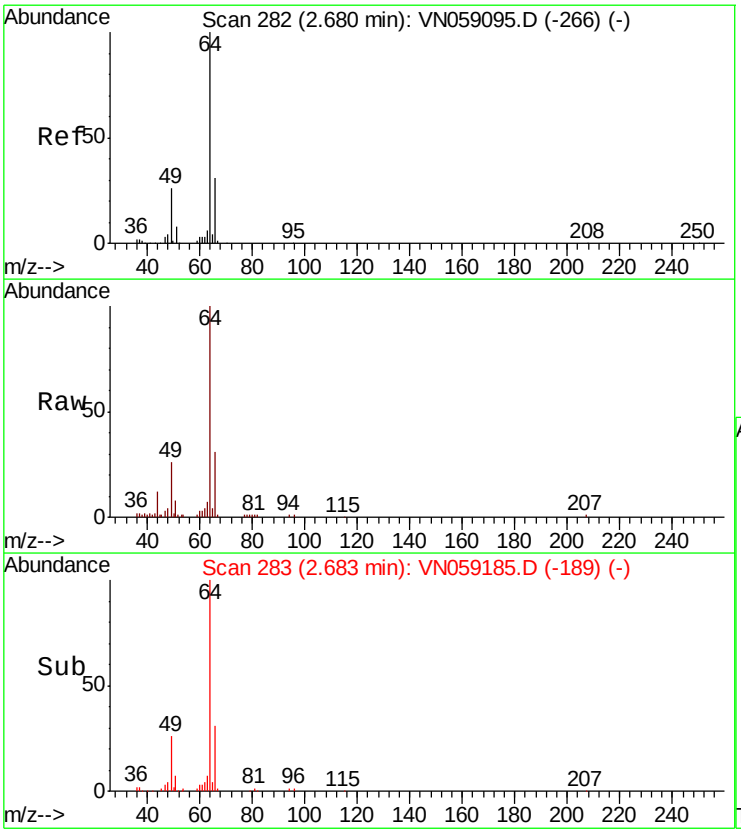
#5
Bromomethane
Concen: 20.369 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 63126

Ion	Ratio	Lower	Upper
94	100		
96	90.4	74.2	111.2

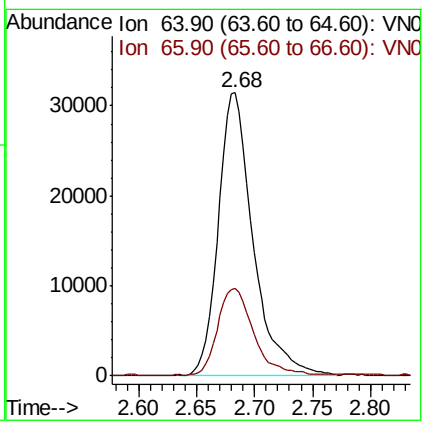


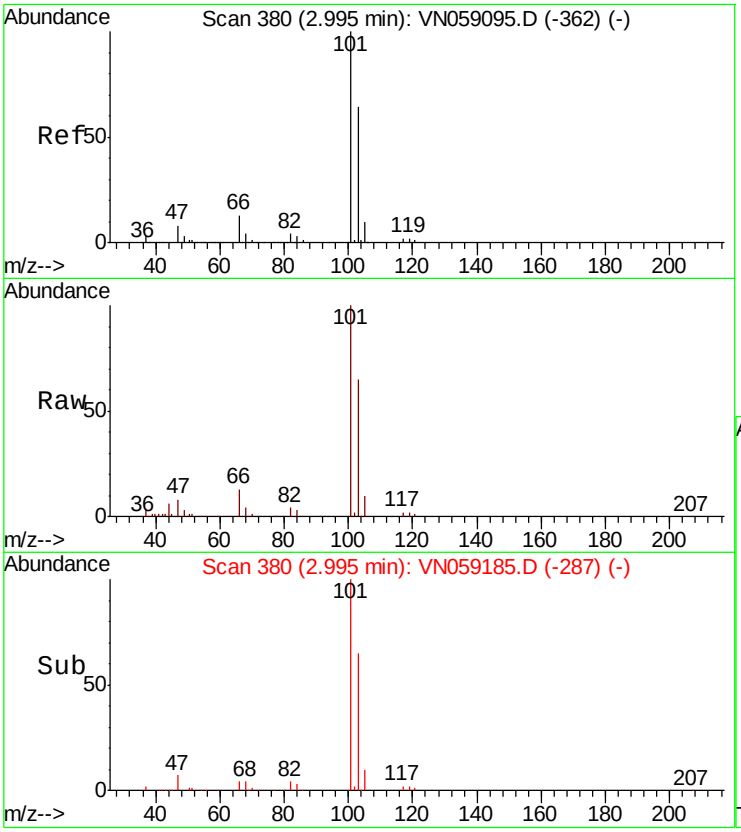


#6
Chloroethane
Concen: 20.556 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 64 Resp: 65486

Ion	Ratio	Lower	Upper
64	100		
66	30.9	25.2	37.8



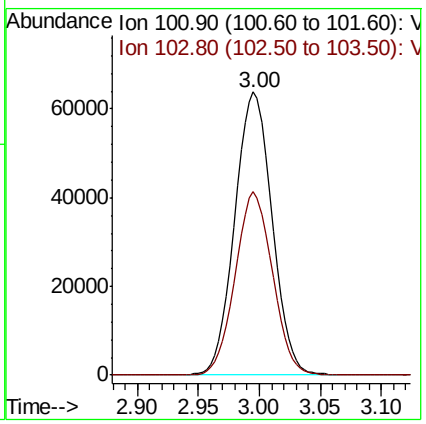


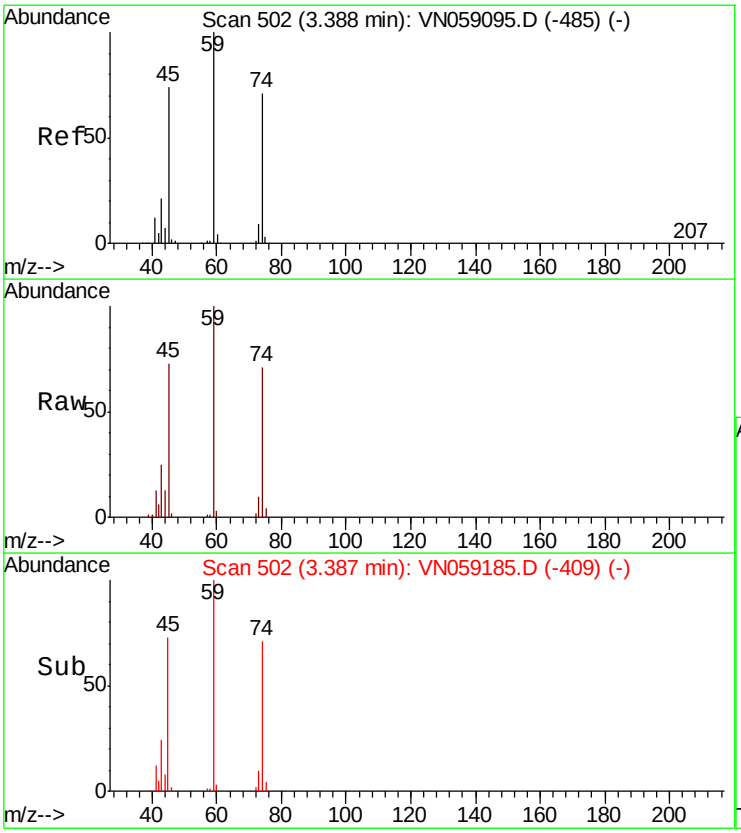
#7
Trichlorofluoromethane
Concen: 20.975 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 135114

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.2	76.8

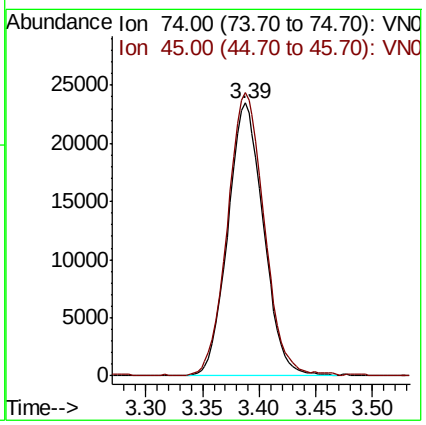


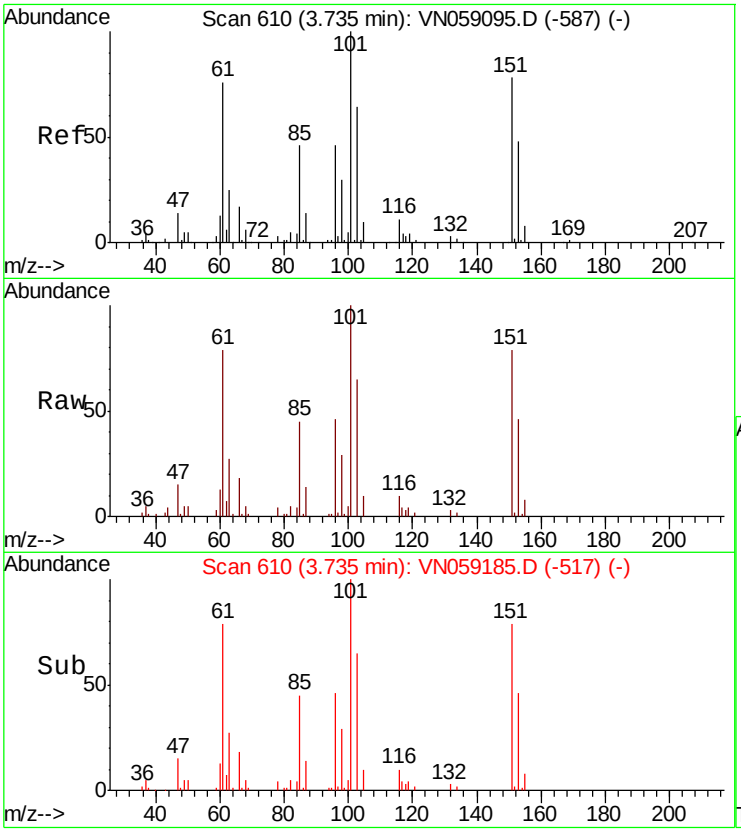


#8
Diethyl Ether
Concen: 19.659 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 74 Resp: 51454

Ion	Ratio	Lower	Upper
74	100		
45	107.5	51.6	154.9



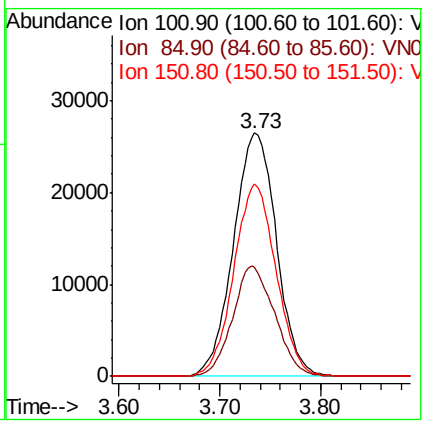


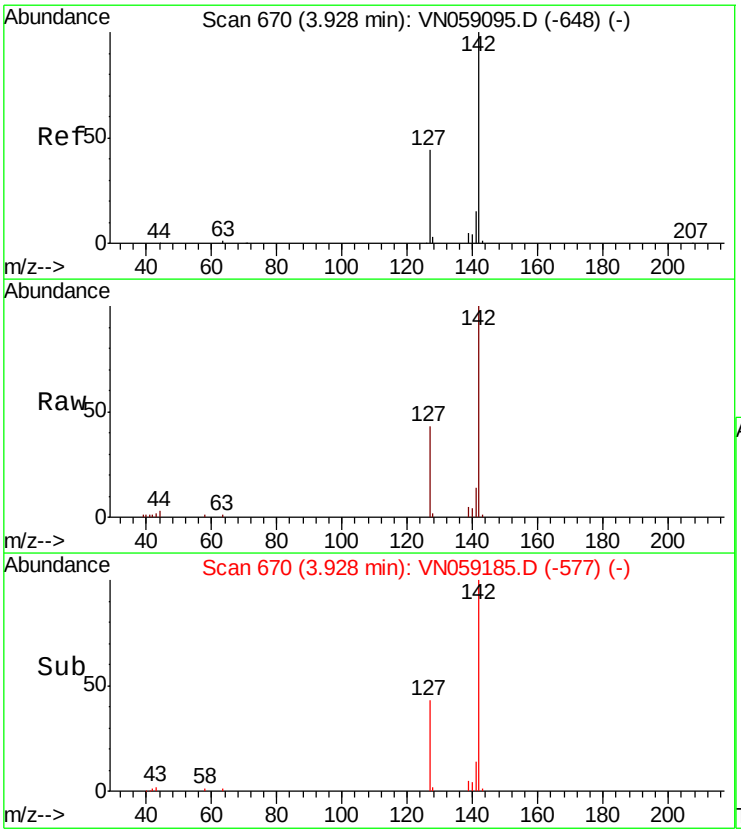
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.188 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 78409

Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.5	53.3
151	77.3	62.2	93.2

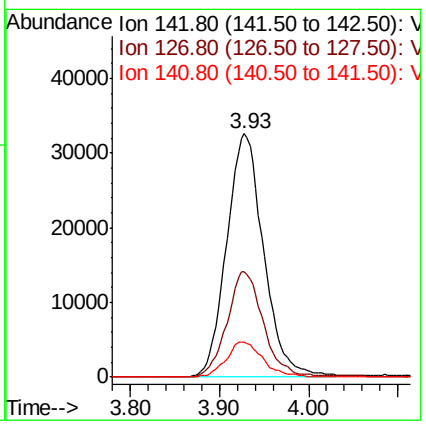


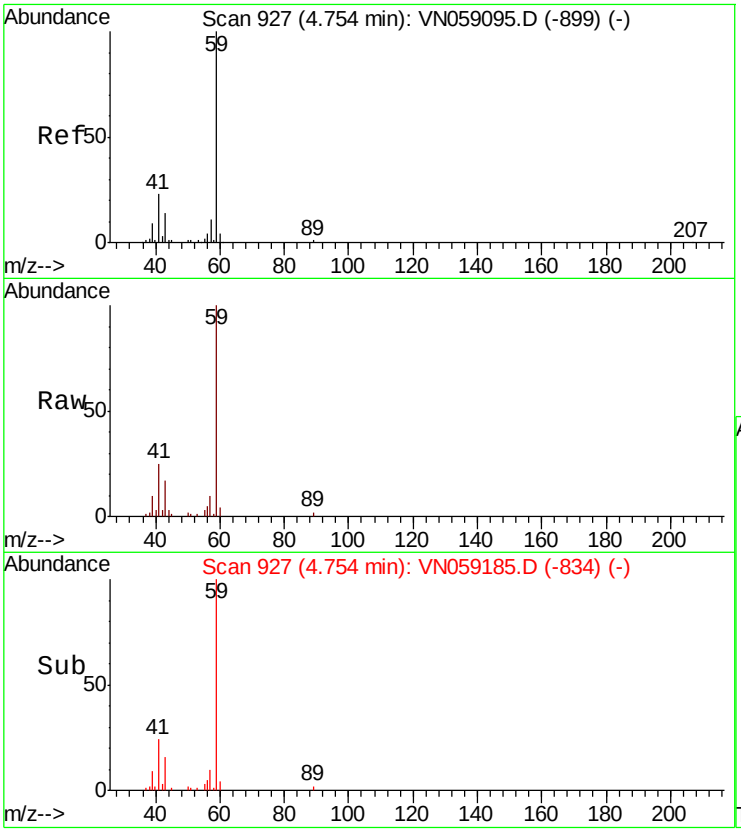


#10
Methyl Iodide
Concen: 19.497 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:142 Resp: 93732

Ion	Ratio	Lower	Upper
142	100		
127	42.6	34.2	51.2
141	14.3	11.4	17.0



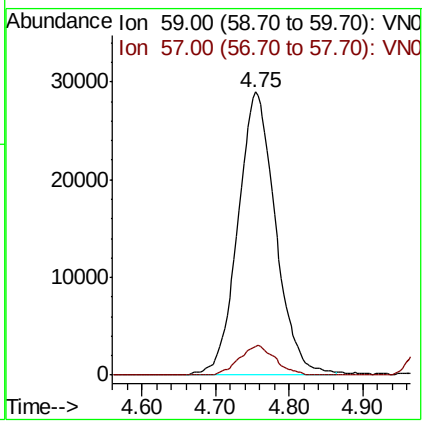


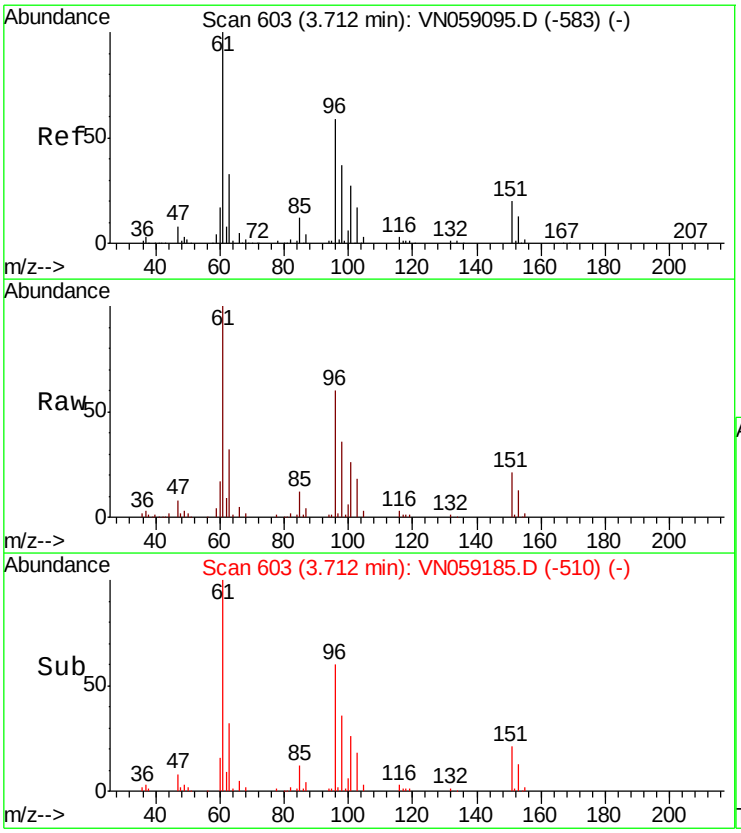
#11
Tert butyl alcohol
Concen: 108.290 ug/l
RT: 4.75 min Scan# 927
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 102892

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

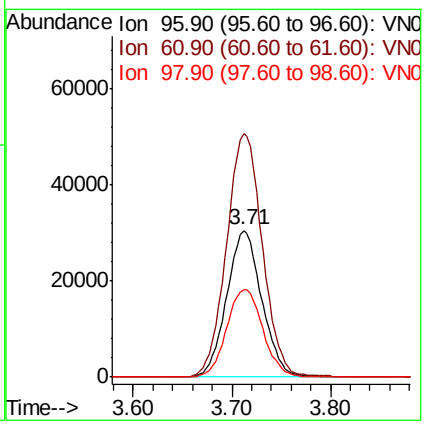


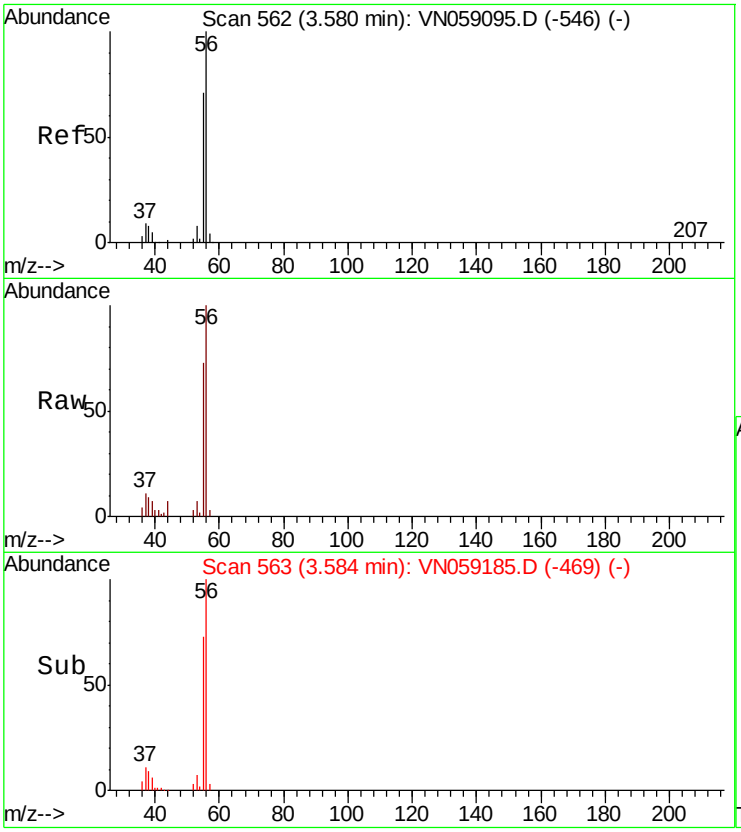


#12
1,1-Dichloroethene
Concen: 19.998 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 96 Resp: 75661

Ion	Ratio	Lower	Upper
96	100		
61	166.2	136.5	204.7
98	59.3	50.2	75.4



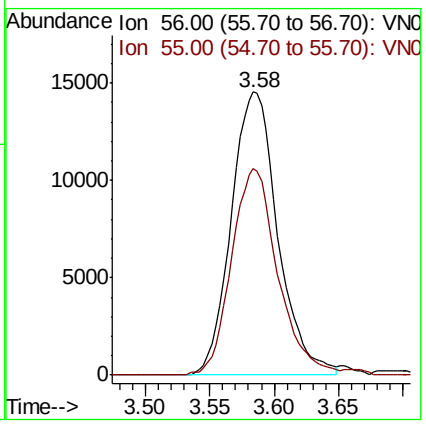


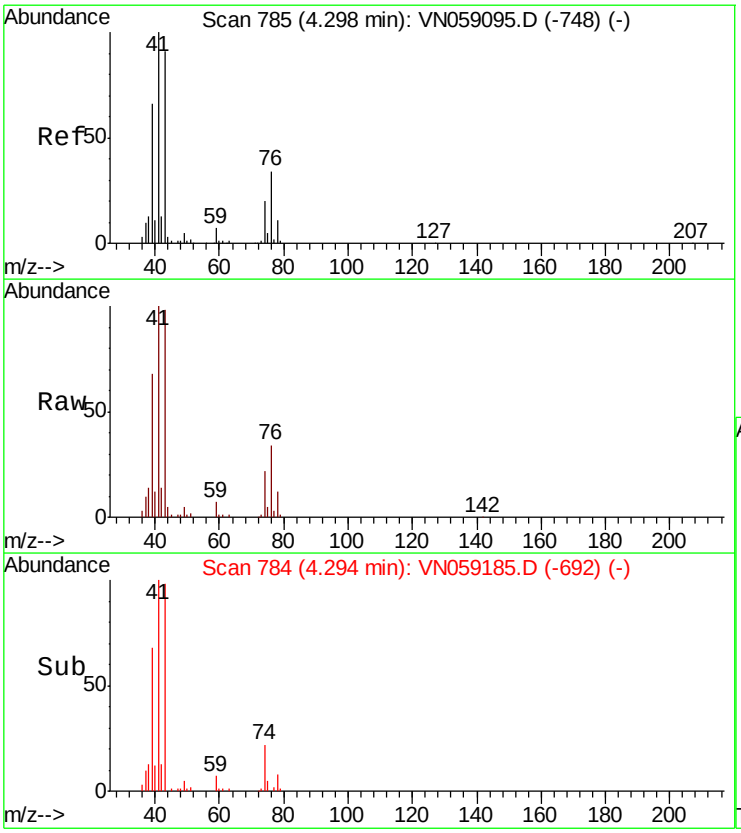
#13
Acrolein
Concen: 74.665 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 36577

Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.4	84.6

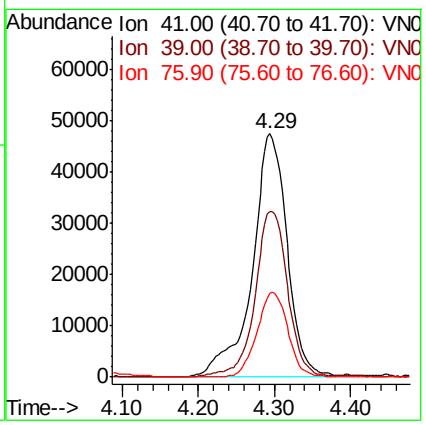


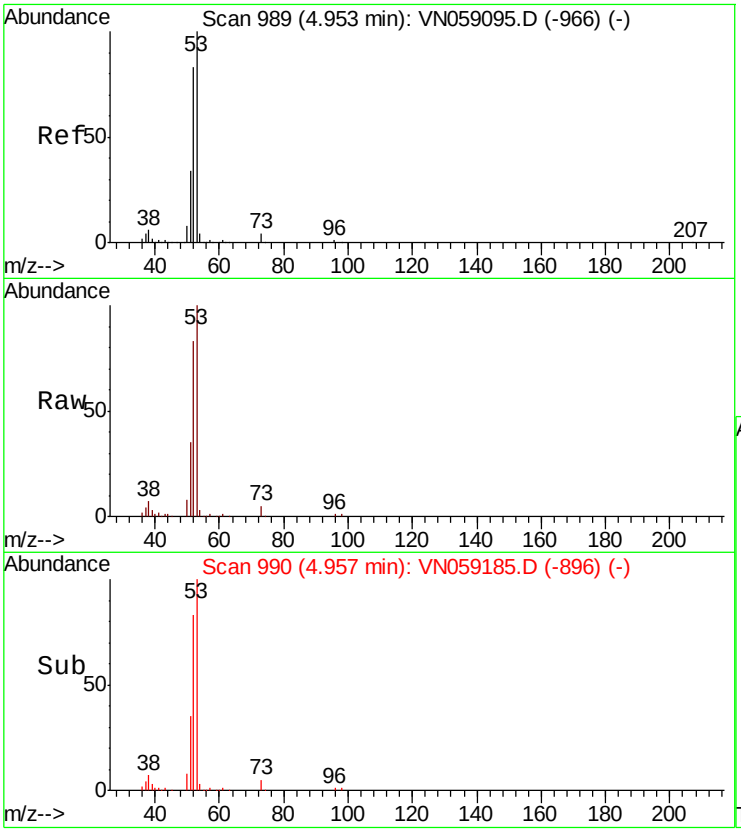


#14
Allyl chloride
Concen: 19.529 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 41 Resp: 151770

Ion	Ratio	Lower	Upper
41	100		
39	63.9	49.1	73.7
76	30.9	24.9	37.3



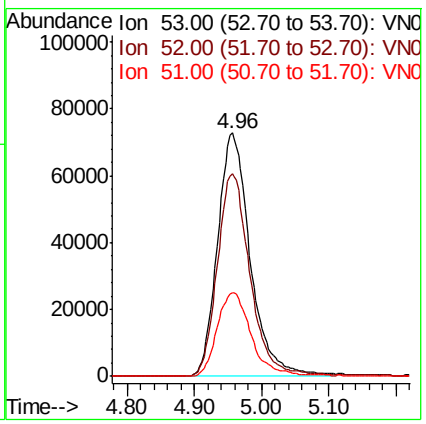


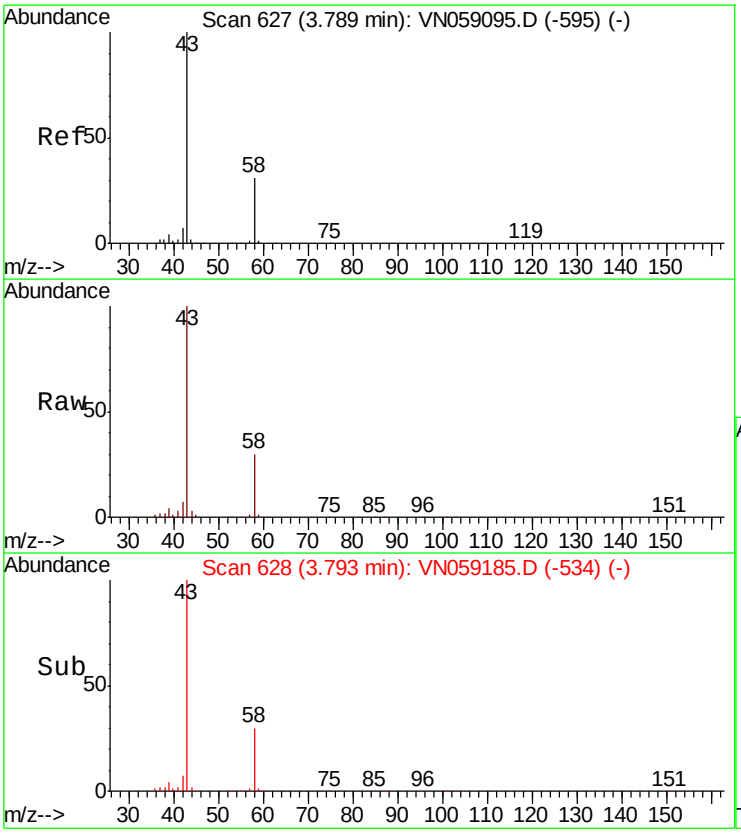
#15
Acrylonitrile
Concen: 104.373 ug/l
RT: 4.96 min Scan# 990
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 246800

Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.0	97.6
51	35.6	28.0	42.0

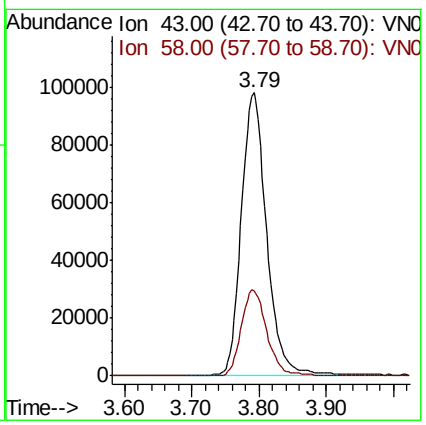


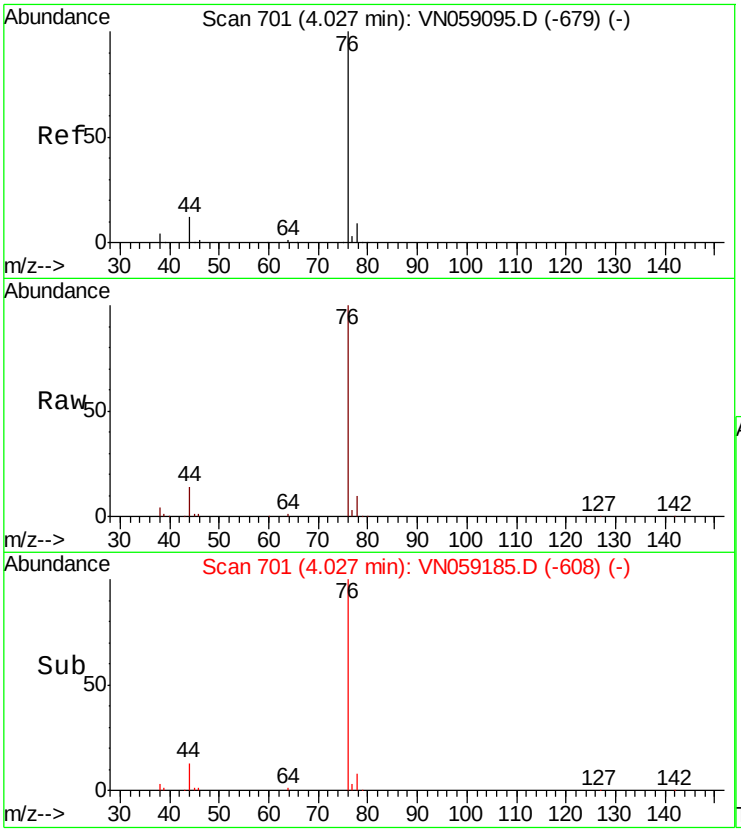


#16
Acetone
Concen: 98.968 ug/l
RT: 3.79 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 43 Resp: 256587

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.9	37.3



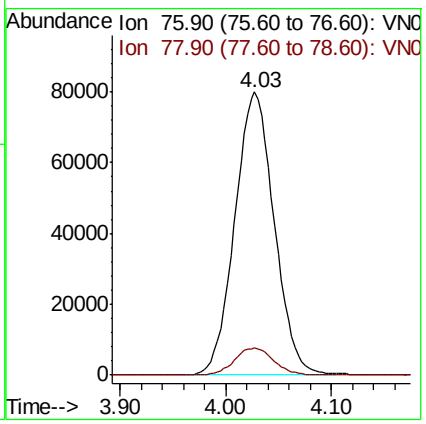


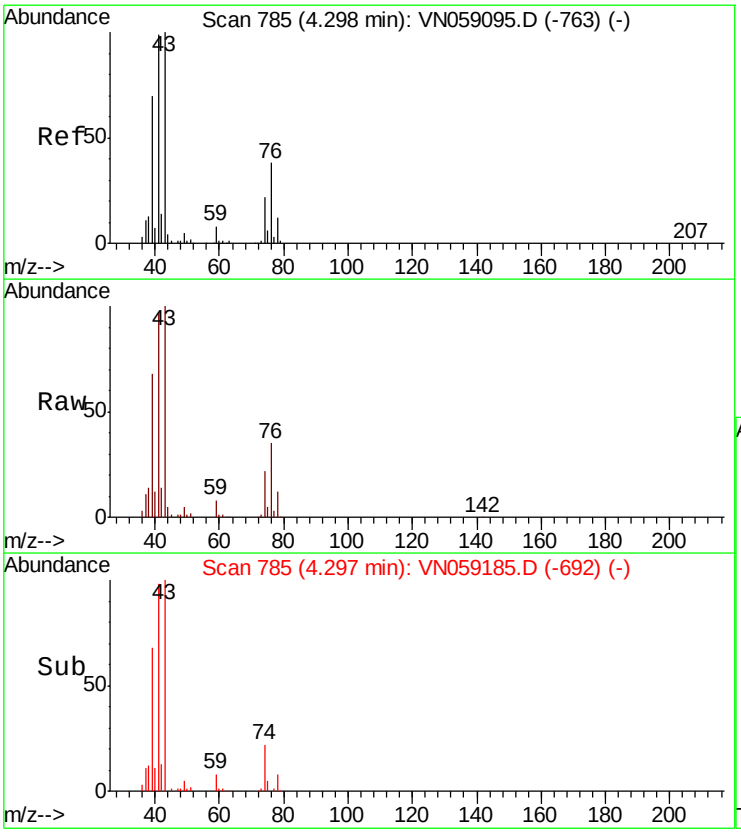
#17
Carbon Disulfide
Concen: 17.664 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 207458

Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

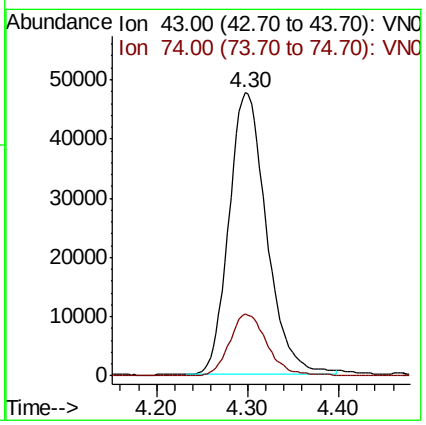


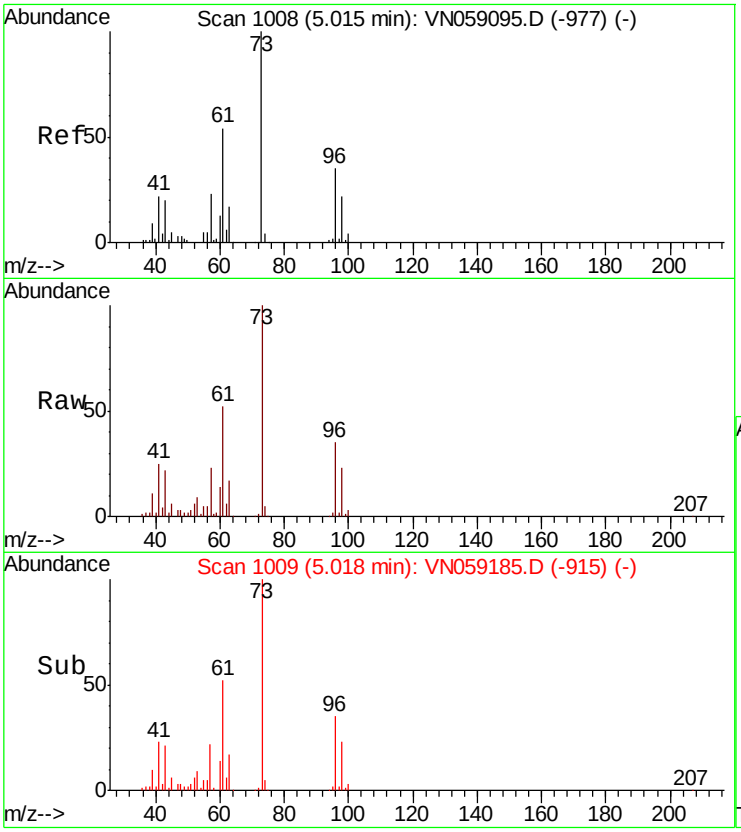


#18
Methyl Acetate
Concen: 22.273 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 43 Resp: 137062

Ion	Ratio	Lower	Upper
43	100		
74	22.0	17.8	26.8



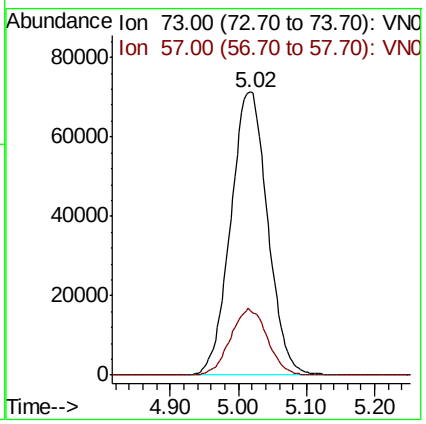


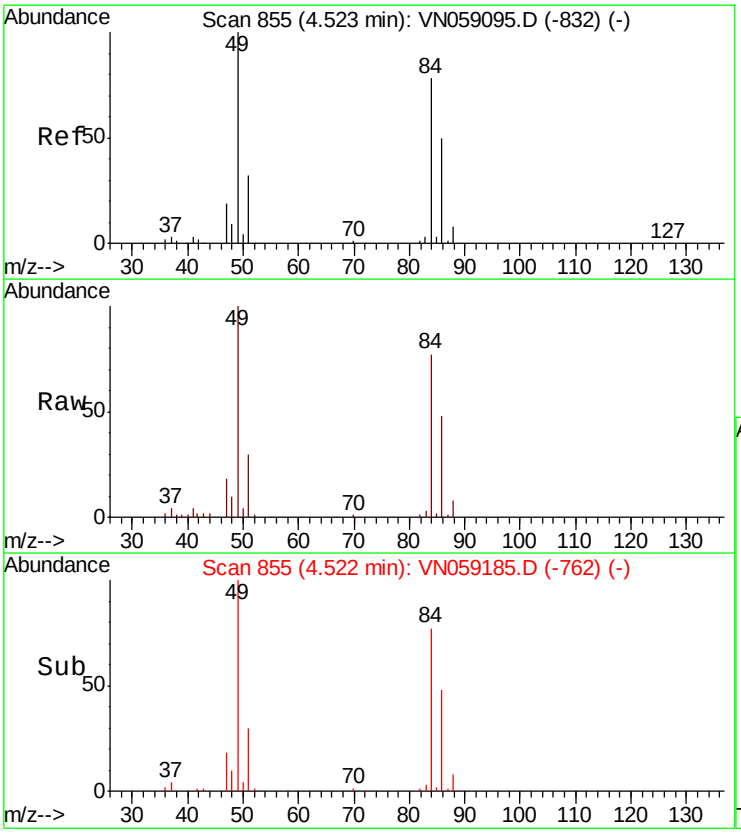
#19
Methyl tert-butyl Ether
Concen: 20.616 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 268541

Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.4	27.6

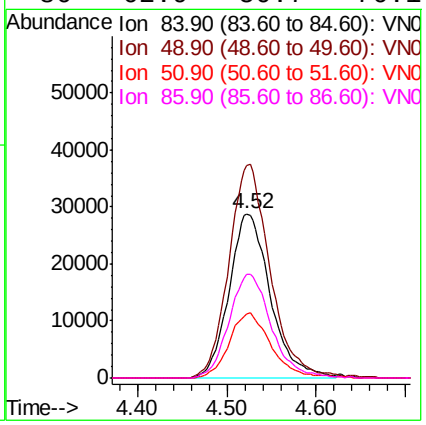


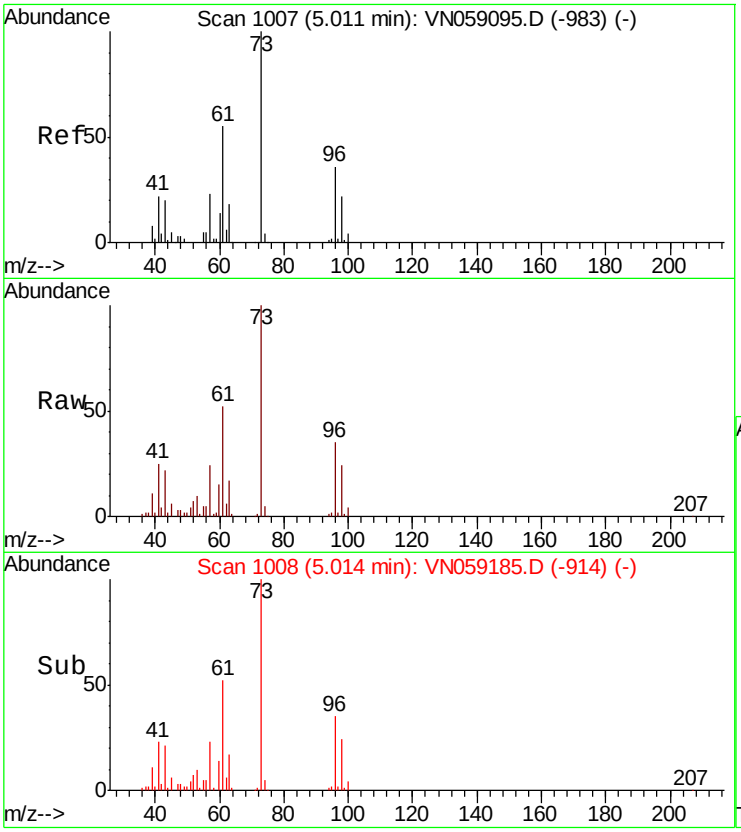


#20
Methylene Chloride
Concen: 20.489 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 84 Resp: 92545

Ion	Ratio	Lower	Upper
84	100		
49	129.8	102.0	153.0
51	39.3	32.2	48.2
86	62.9	50.7	76.1



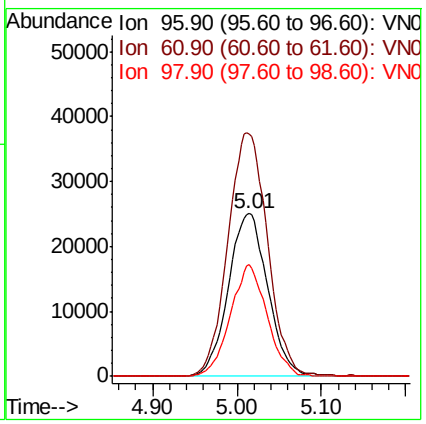


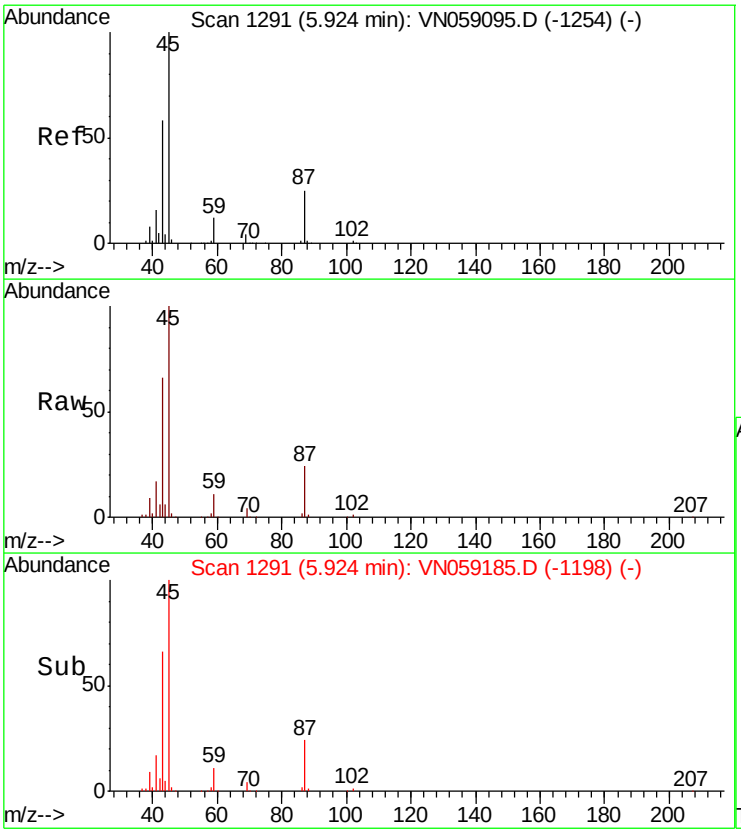
#21
trans-1,2-Dichloroethene
Concen: 20.057 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 81455

Ion	Ratio	Lower	Upper
96	100		
61	149.1	122.6	183.8
98	69.1	50.3	75.5

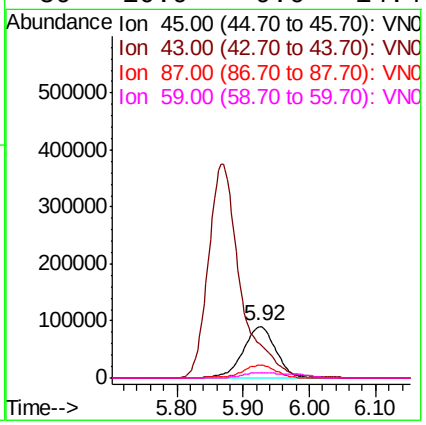


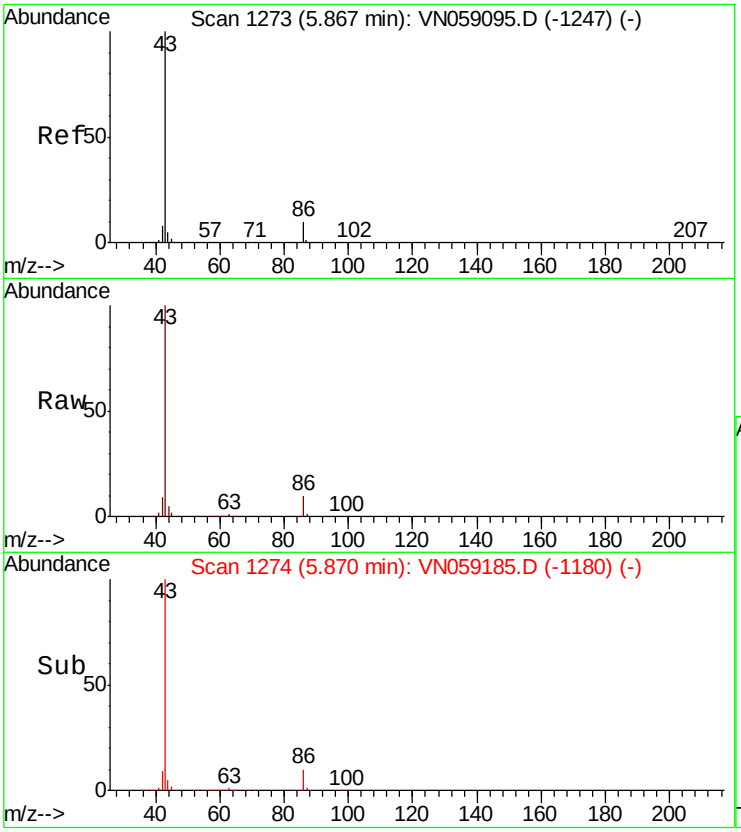


#22
Diisopropyl ether
Concen: 21.086 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 45 Resp: 309540

Ion	Ratio	Lower	Upper
45	100		
43	64.4	46.7	70.1
87	24.1	20.5	30.7
59	10.9	9.6	14.4



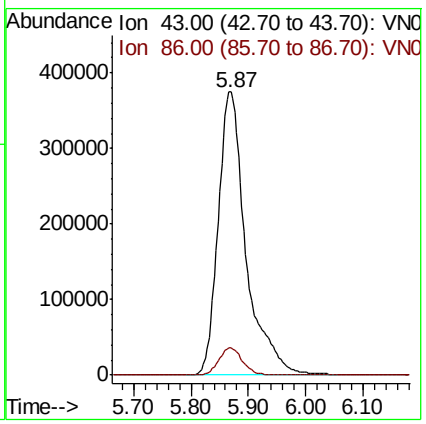


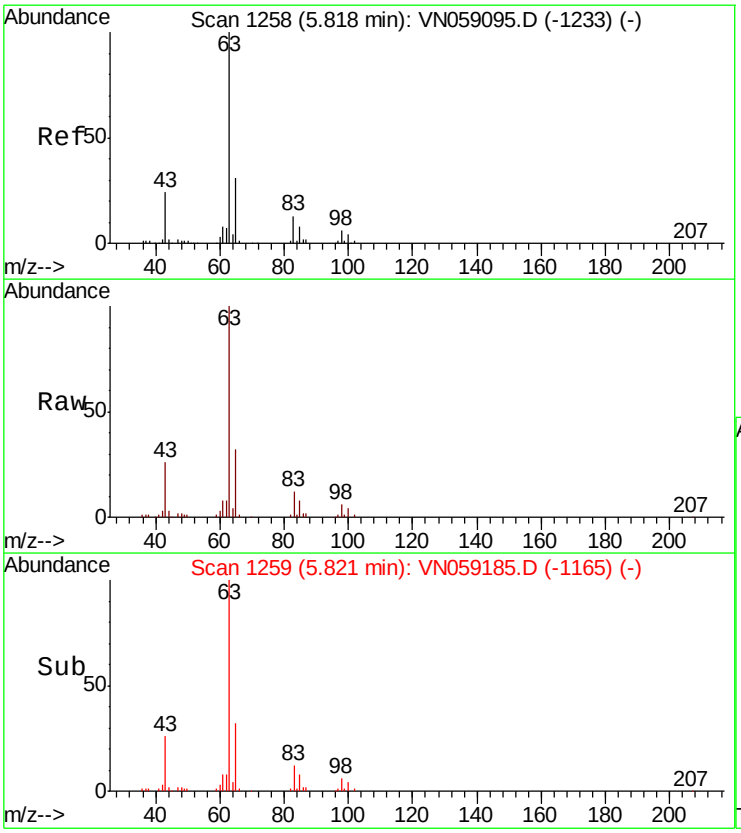
#23
Vinyl Acetate
Concen: 111.370 ug/l
RT: 5.87 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1267043

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.7	11.5

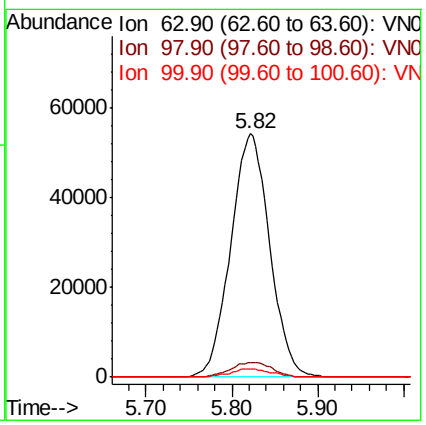


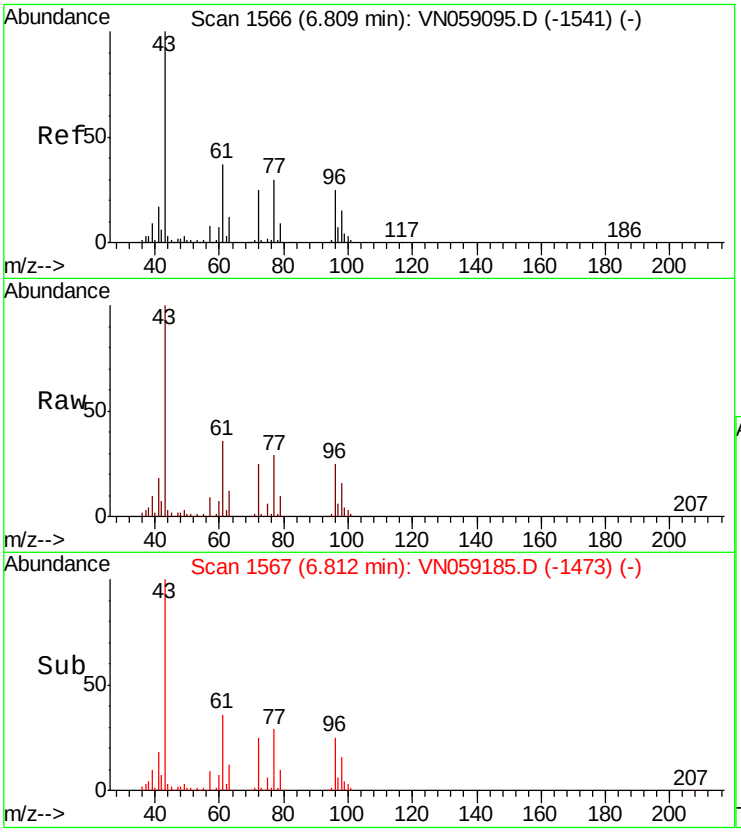


#24
1,1-Dichloroethane
Concen: 20.791 ug/l
RT: 5.82 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 63 Resp: 170465

Ion	Ratio	Lower	Upper
63	100		
98	6.0	2.8	8.4
100	3.6	1.9	5.7



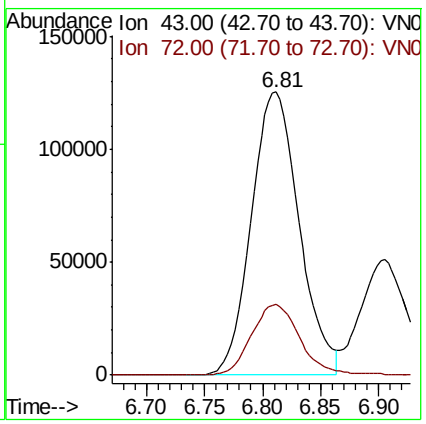


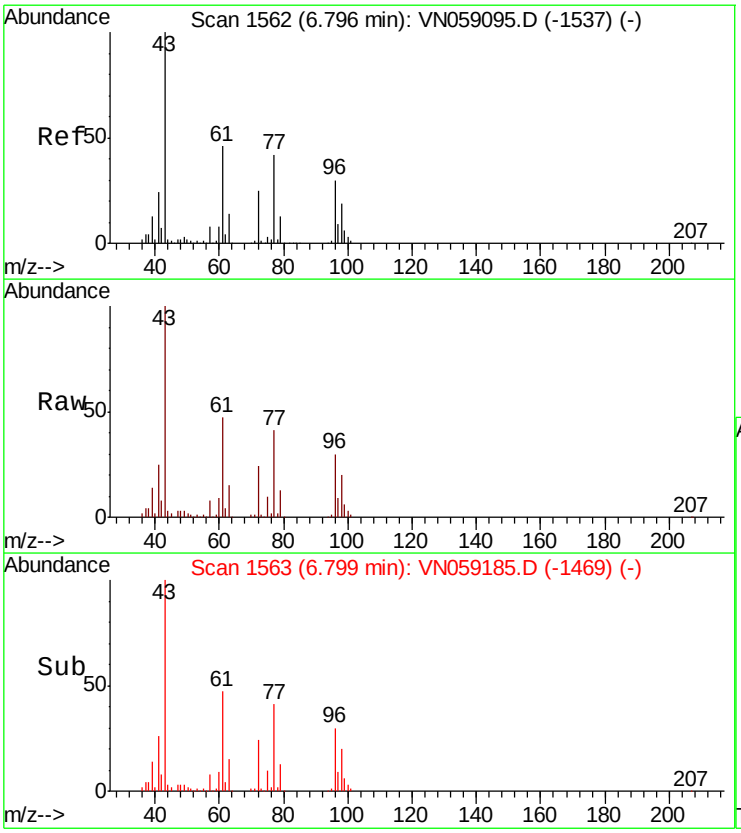
#25
2-Butanone
Concen: 104.723 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 357831

Ion	Ratio	Lower	Upper
43	100		
72	25.0	20.3	30.5

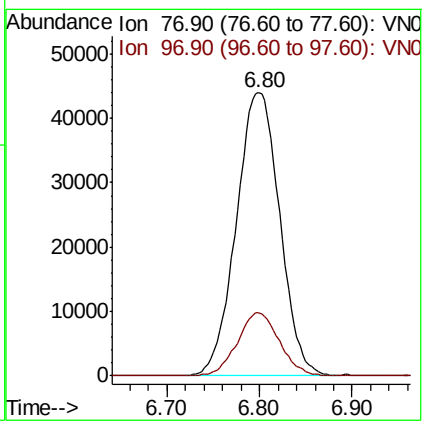


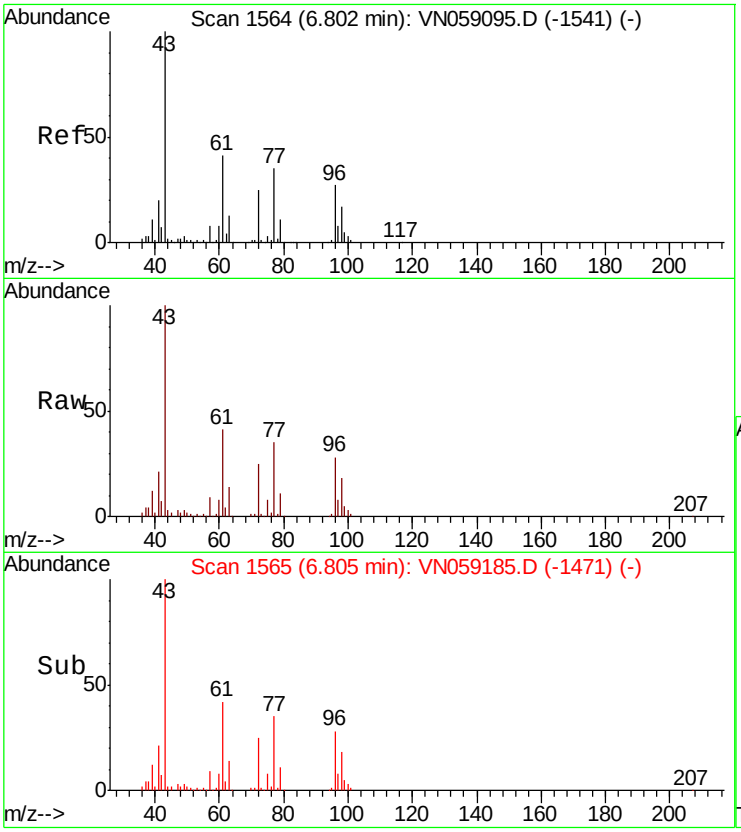


#26
2,2-Dichloropropane
Concen: 19.968 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 77 Resp: 143156

Ion	Ratio	Lower	Upper
77	100		
97	21.6	11.2	33.6



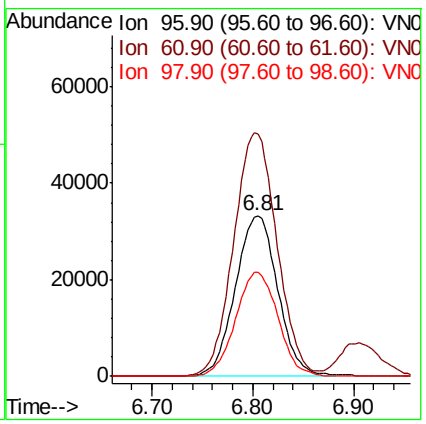


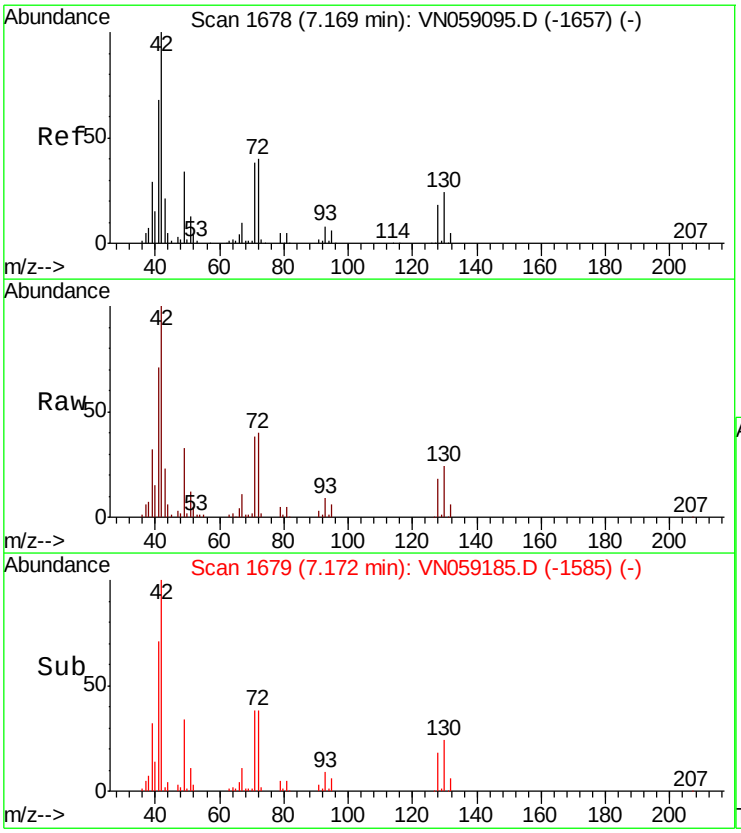
#27
cis-1,2-Dichloroethene
Concen: 20.534 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 96749

Ion	Ratio	Lower	Upper
96	100		
61	155.6	0.0	311.6
98	64.9	0.0	129.8

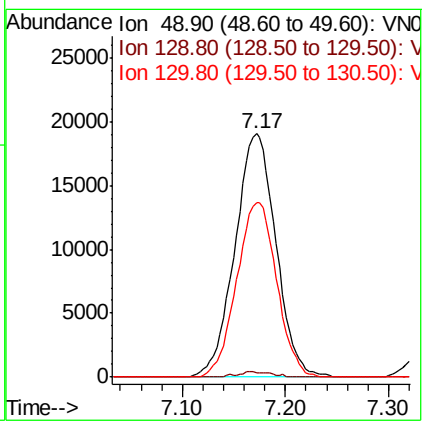


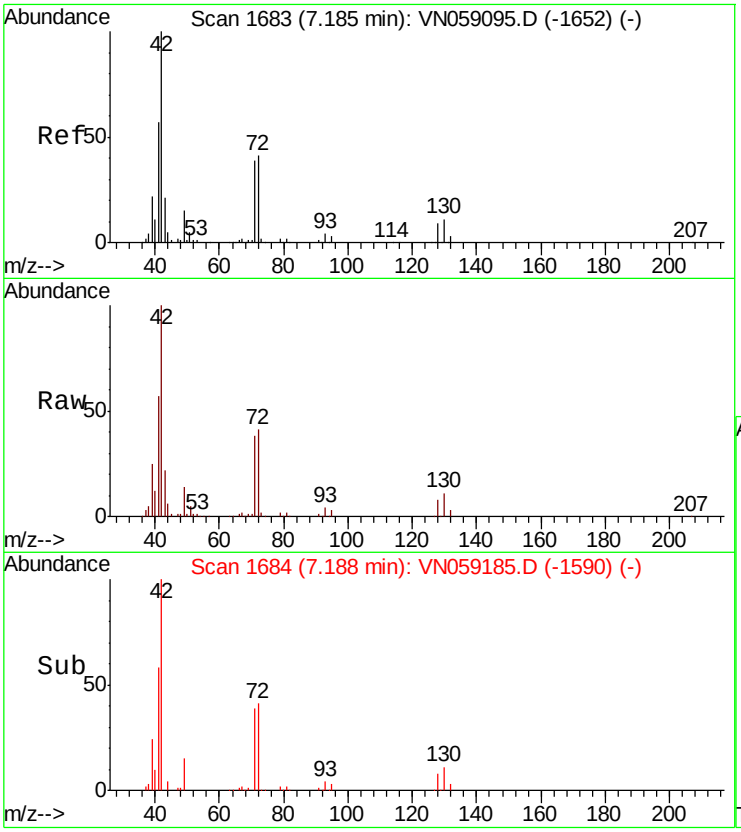


#28
Bromochloromethane
Concen: 21.310 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 49 Resp: 52566

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	70.0	55.6	83.4



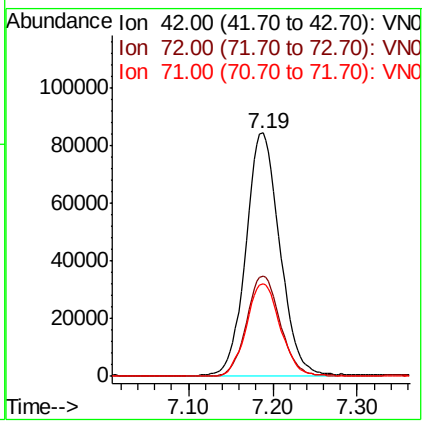


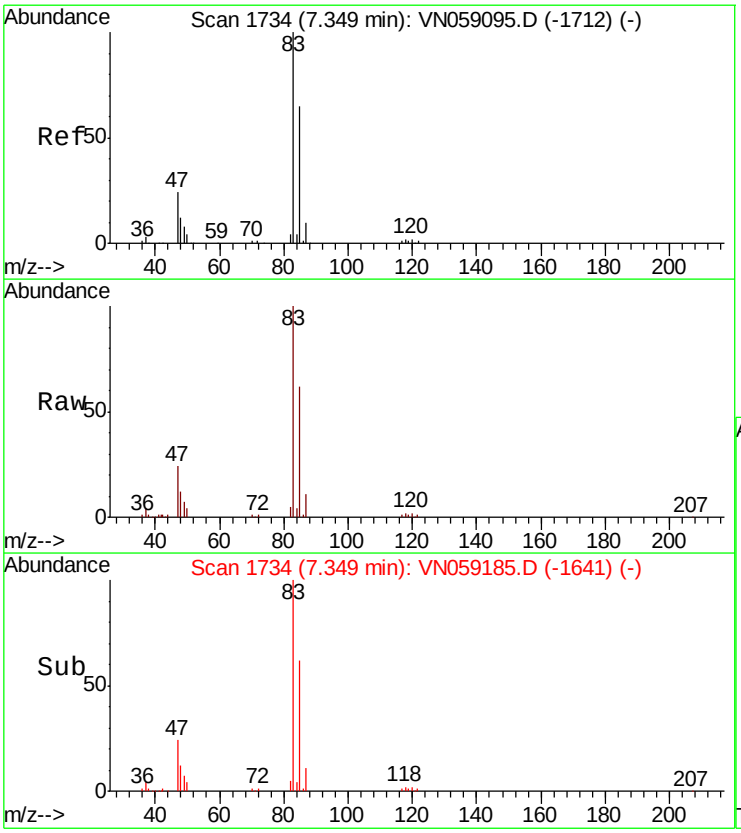
#29
Tetrahydrofuran
Concen: 109.334 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 237376

Ion	Ratio	Lower	Upper
42	100		
72	40.6	33.1	49.7
71	37.9	30.9	46.3

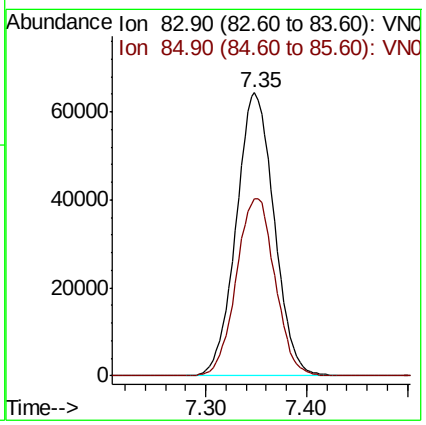


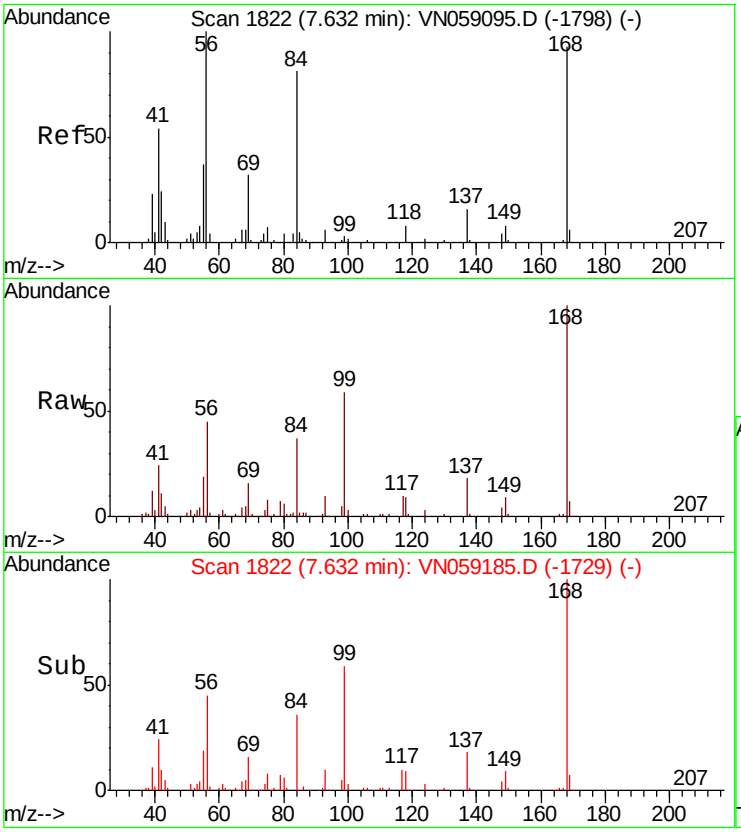


#30
Chloroform
Concen: 21.340 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 83 Resp: 167842

Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.8	77.8



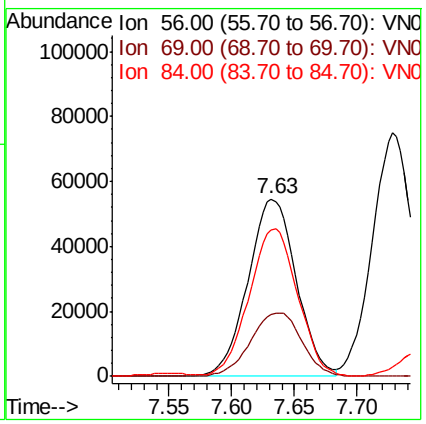


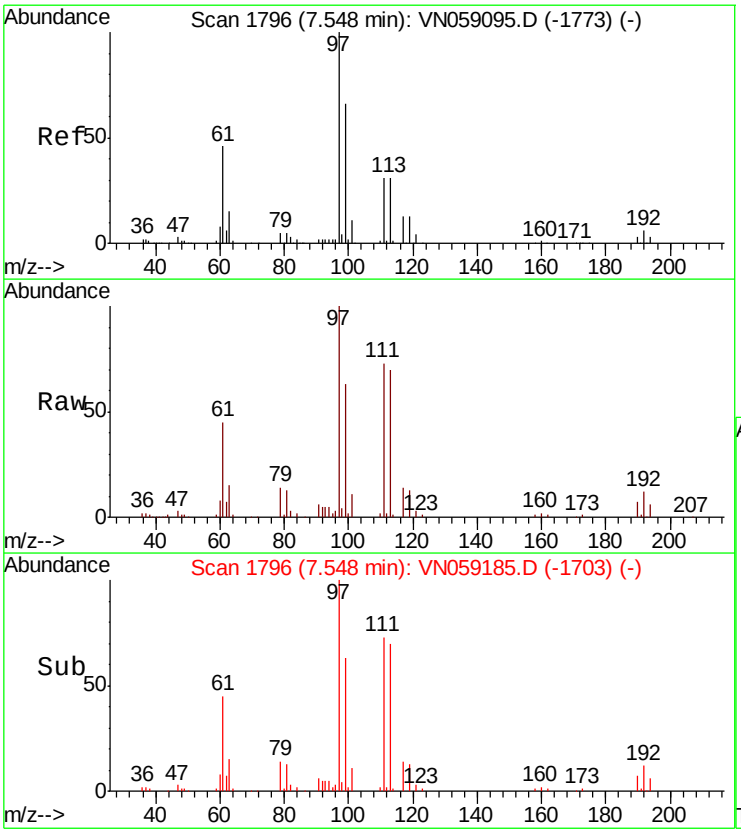
#31
Cyclohexane
Concen: 18.884 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 146575

Ion	Ratio	Lower	Upper
56	100		
69	34.6	25.8	38.8
84	81.4	65.0	97.4

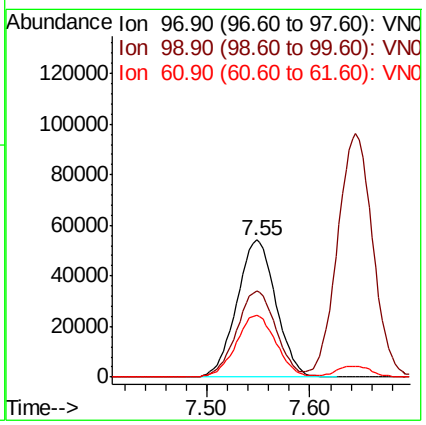


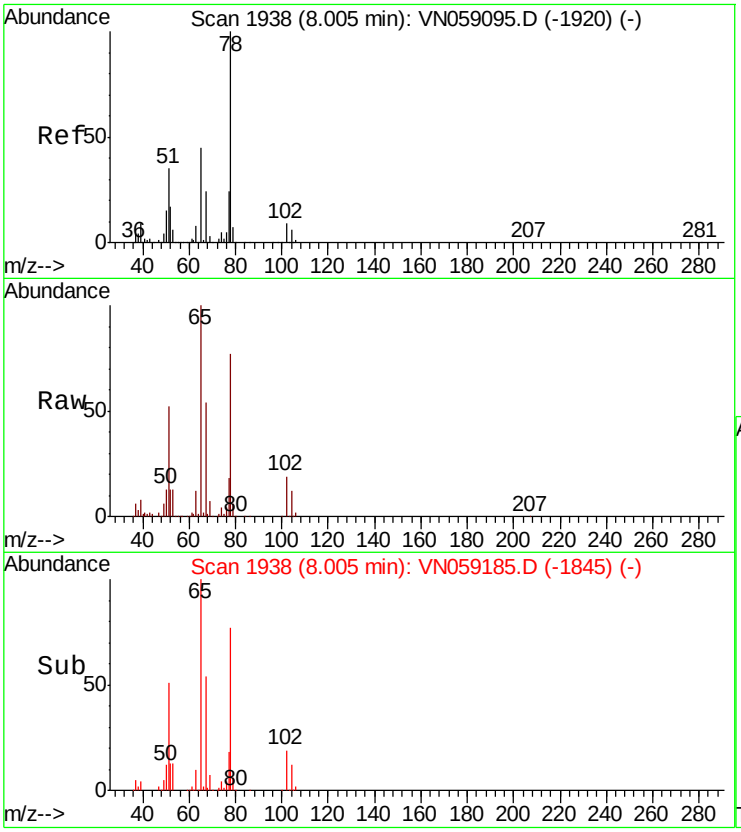


#32
1,1,1-Trichloroethane
Concen: 21.548 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 97 Resp: 142489

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	46.0	35.8	53.8



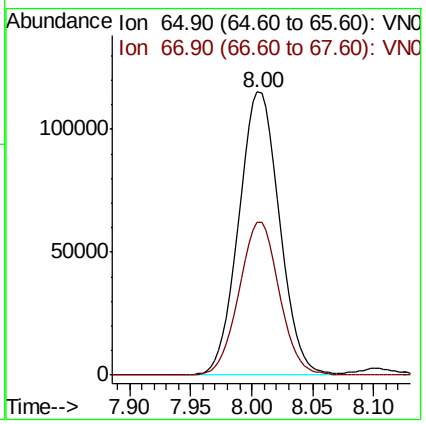


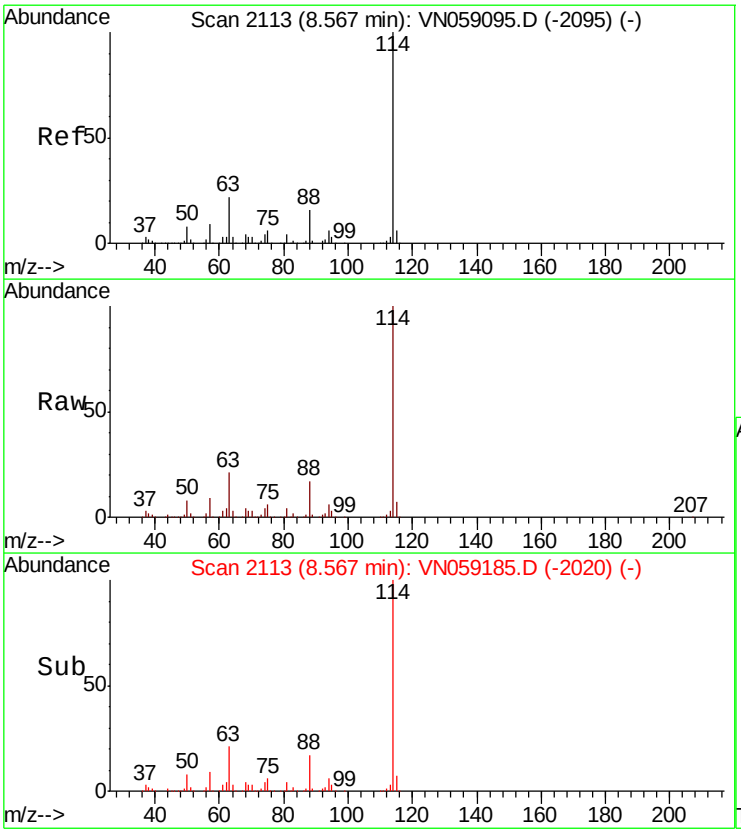
#33
1,2-Dichloroethane-d4
Concen: 53.387 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 266166

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.4

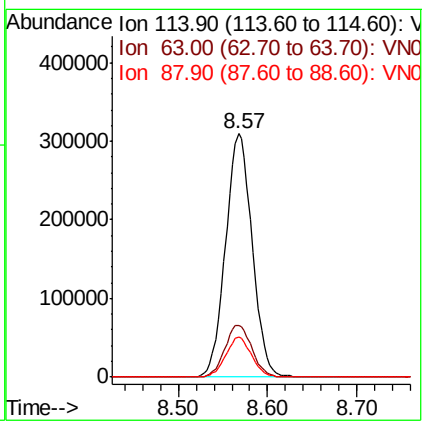


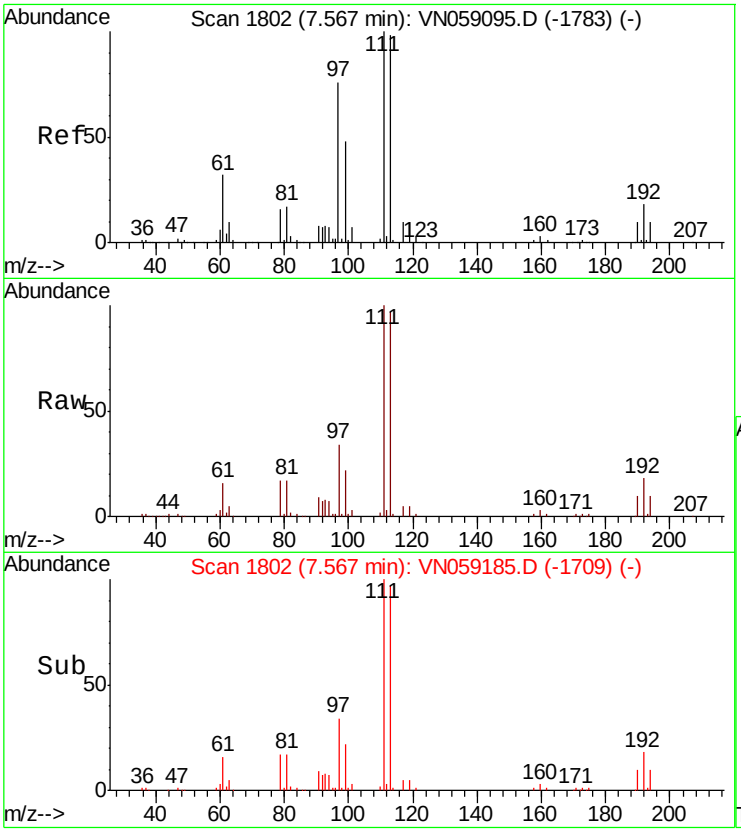


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:114 Resp: 638713

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.4
88	16.6	0.0	32.2



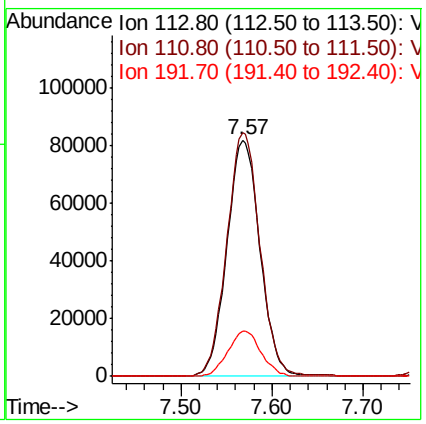


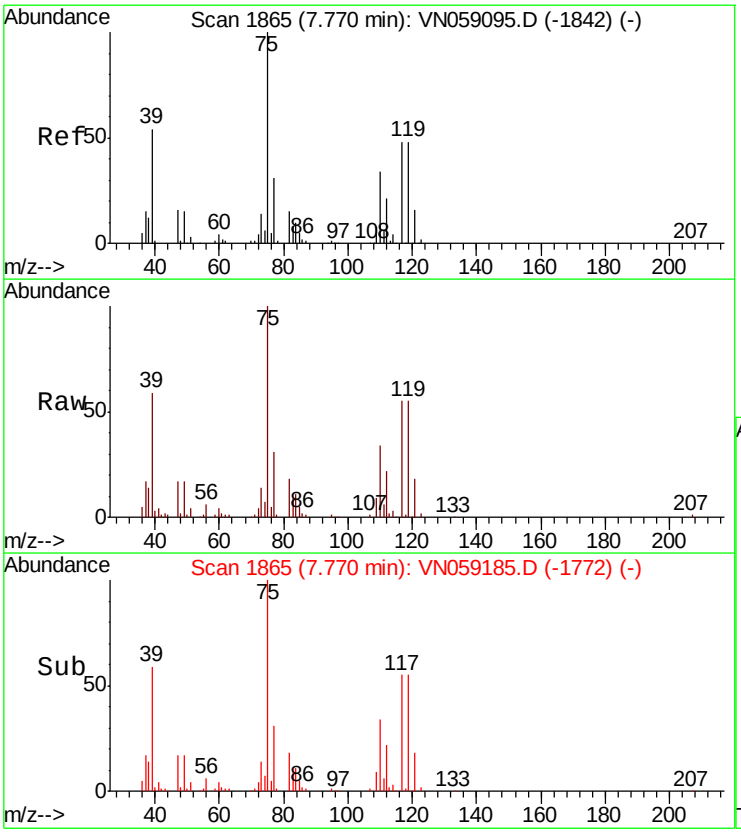
#35
Dibromofluoromethane
Concen: 54.264 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 206950

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	19.1	16.1	24.1

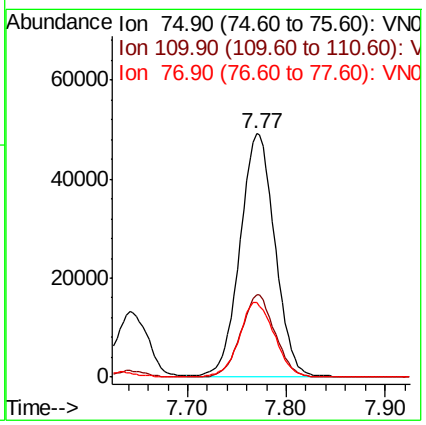


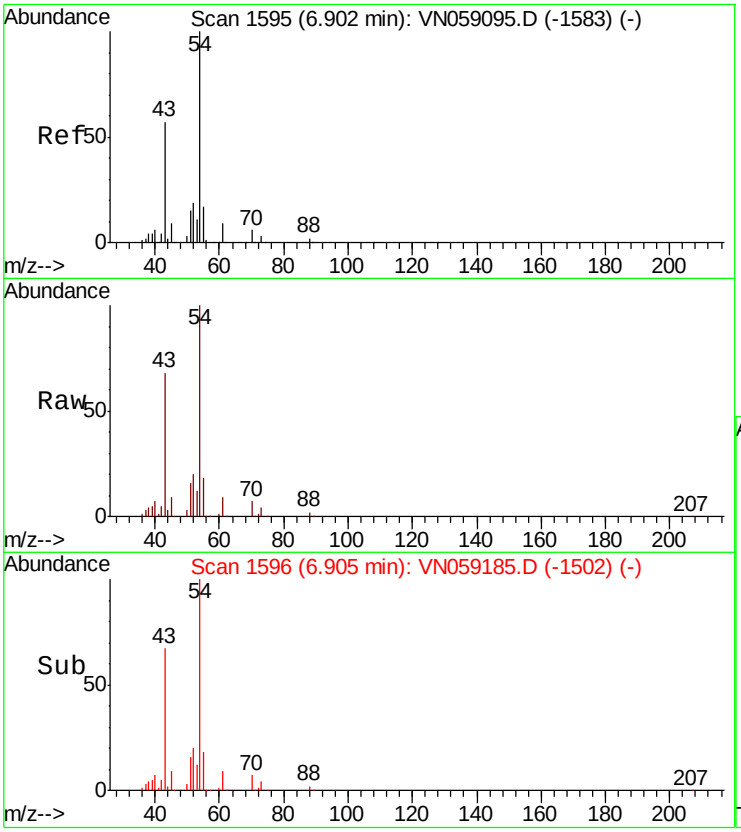


#36
1,1-Dichloropropene
Concen: 20.195 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 75 Resp: 120565

Ion	Ratio	Lower	Upper
75	100		
110	32.7	17.1	51.2
77	30.8	24.8	37.2



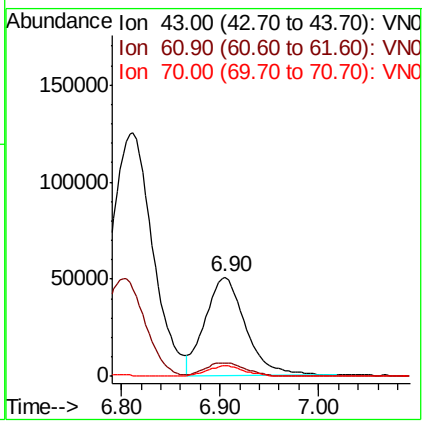


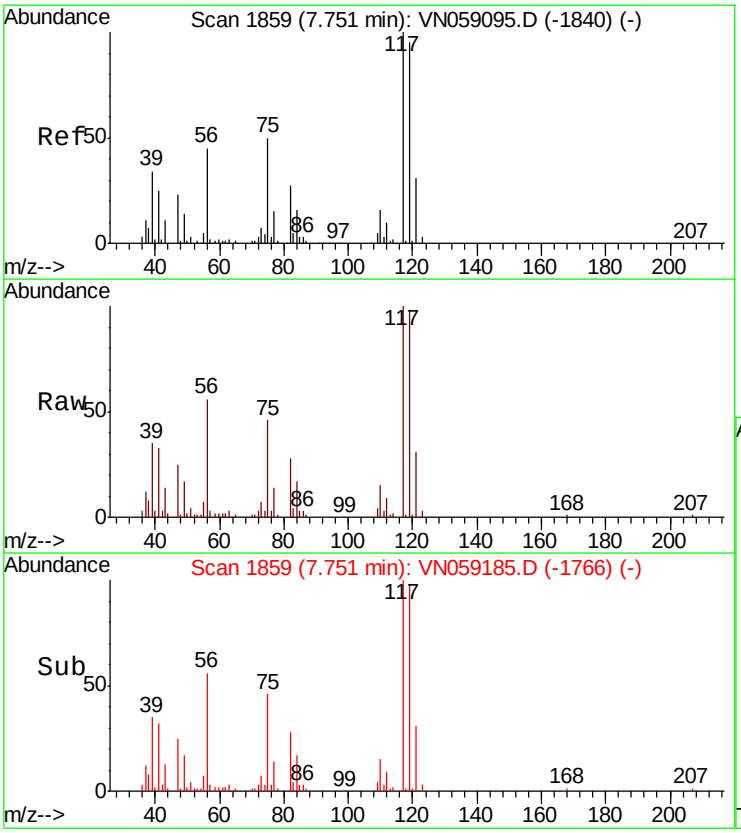
#37
Ethyl Acetate
Concen: 21.700 ug/l
RT: 6.90 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 144122

Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.2	16.8
70	10.2	7.8	11.8

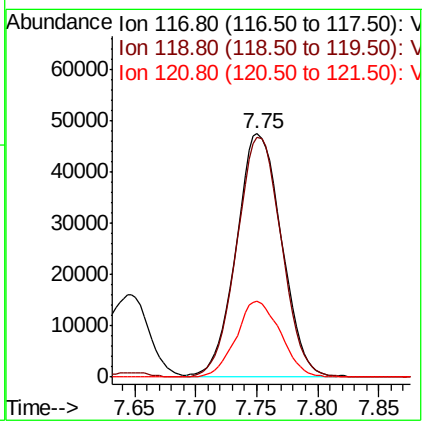


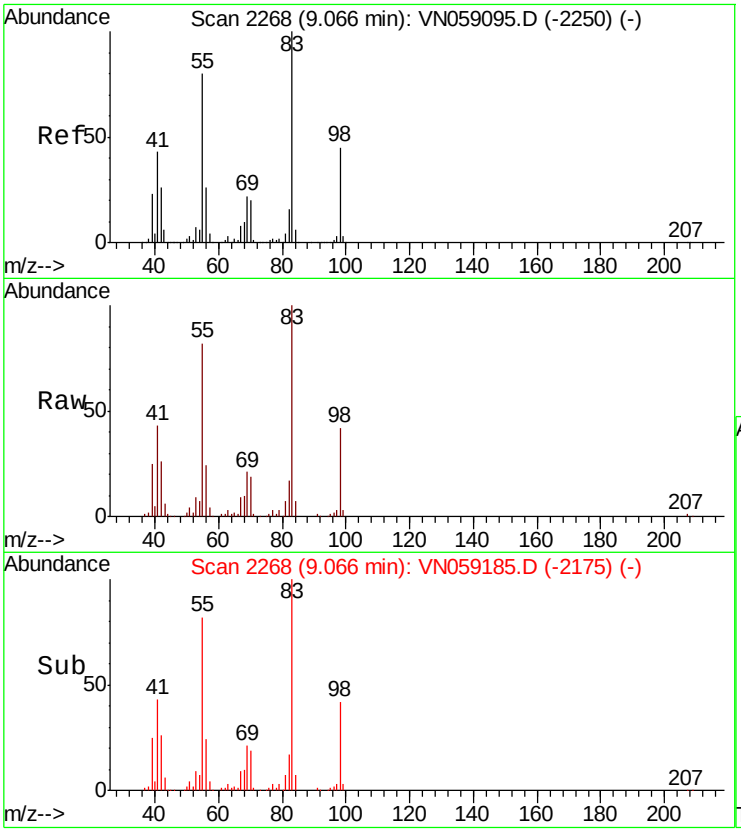


#38
Carbon Tetrachloride
Concen: 20.432 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:117 Resp: 121411

Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.6	113.4
121	31.1	24.6	36.8



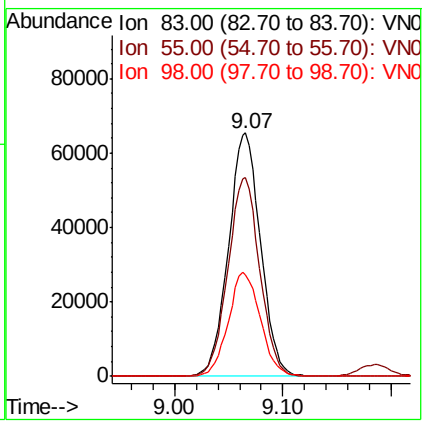


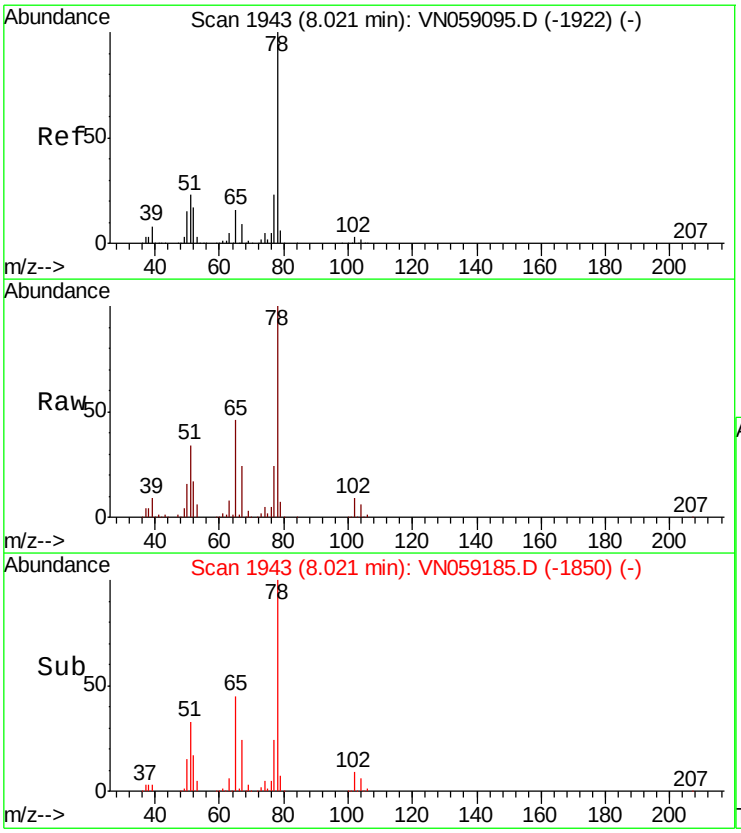
#39
Methylcyclohexane
Concen: 19.519 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 135246

Ion	Ratio	Lower	Upper
83	100		
55	81.6	63.9	95.9
98	41.6	35.6	53.4

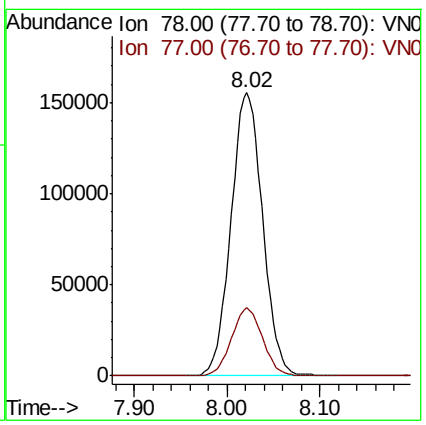


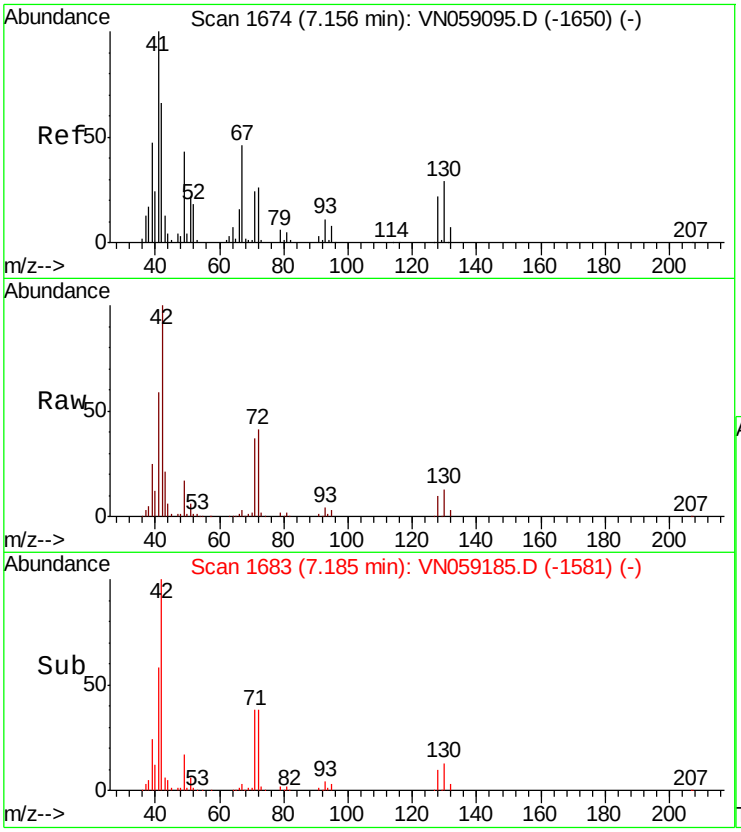


#40
Benzene
Concen: 20.460 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 78 Resp: 367832

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2



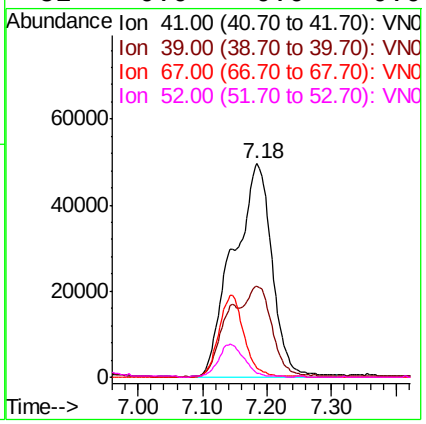


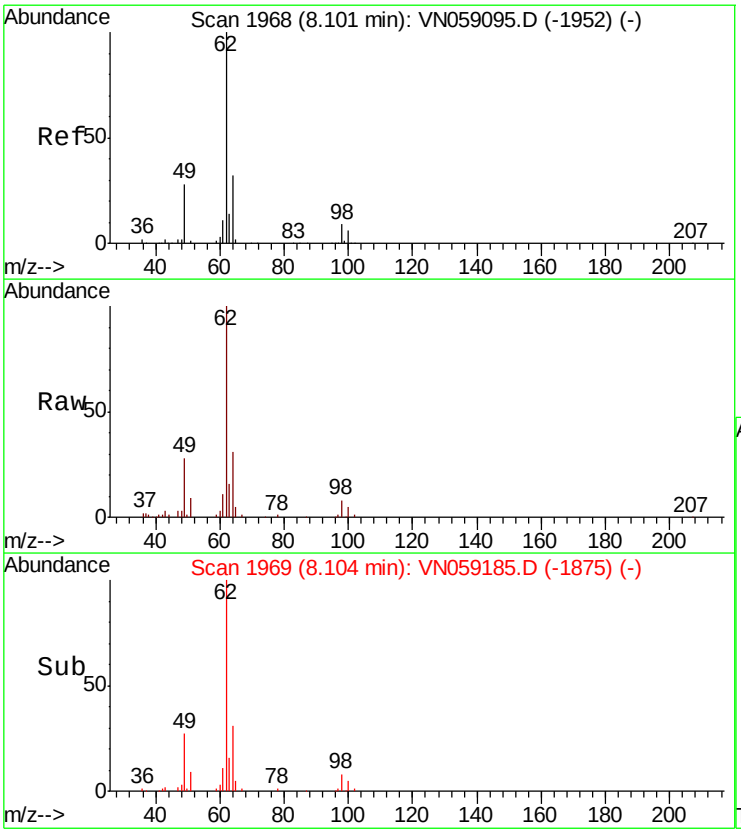
#41
Methacrylonitrile
Concen: 72.232 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 208609

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

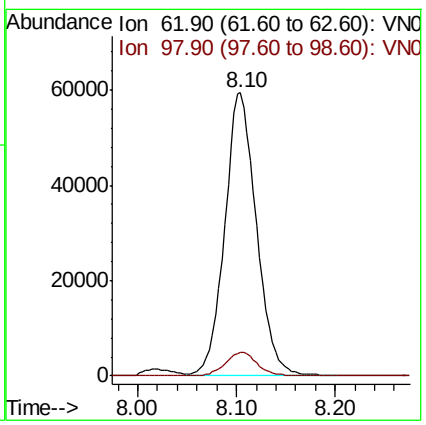


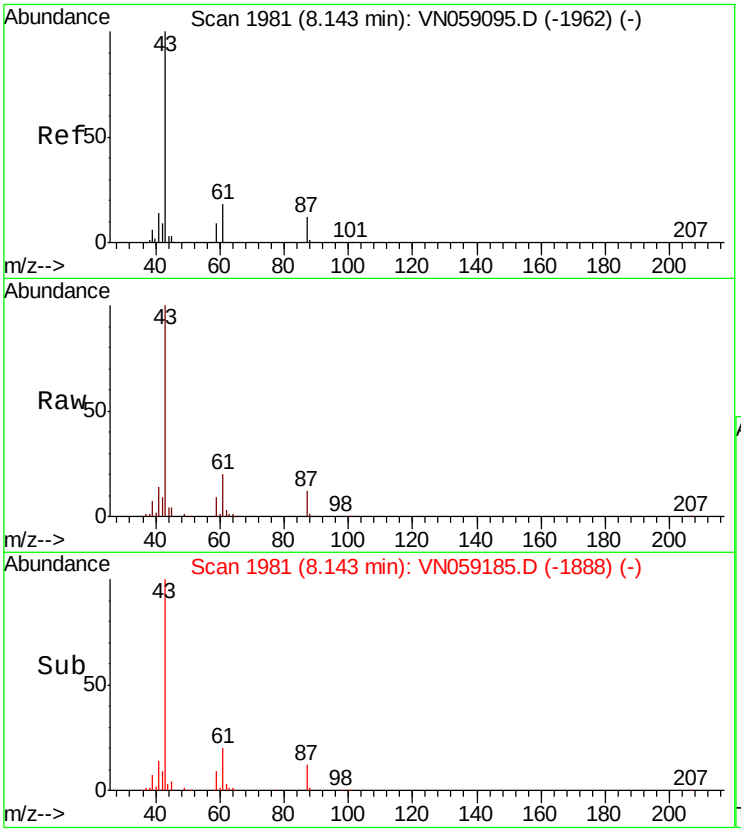


#42
1,2-Dichloroethane
Concen: 21.594 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 62 Resp: 133148

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8



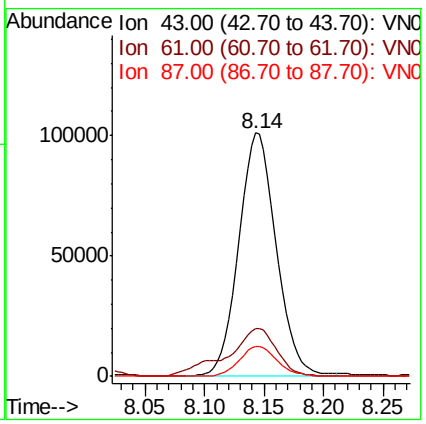


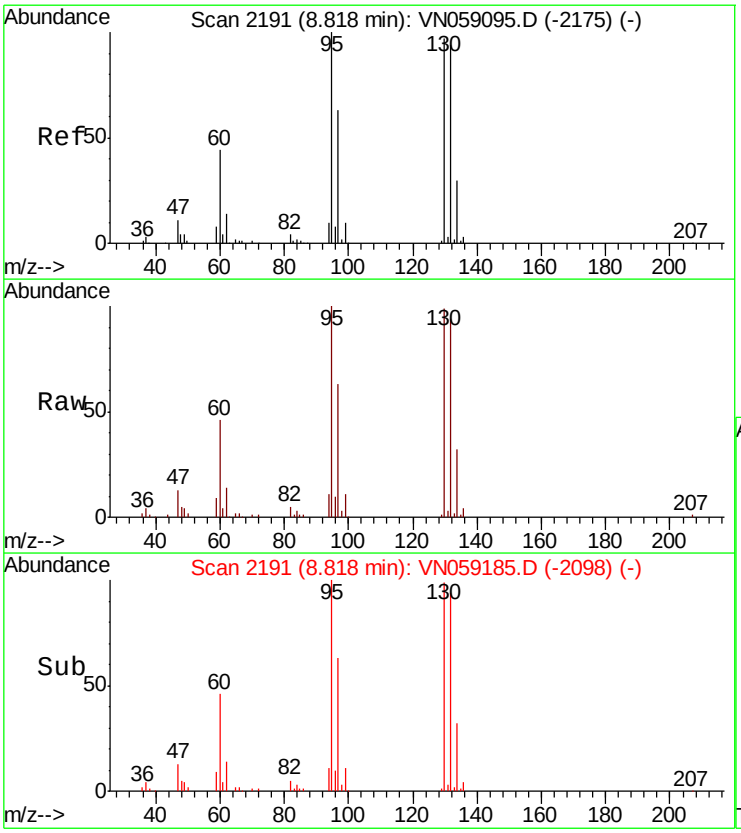
#43
Isopropyl Acetate
Concen: 20.758 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 219789

Ion	Ratio	Lower	Upper
43	100		
61	26.2	21.0	31.6
87	12.3	9.8	14.6

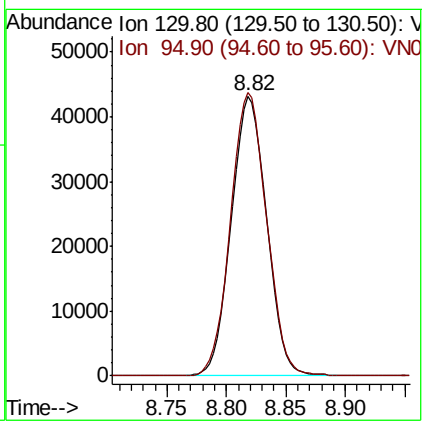


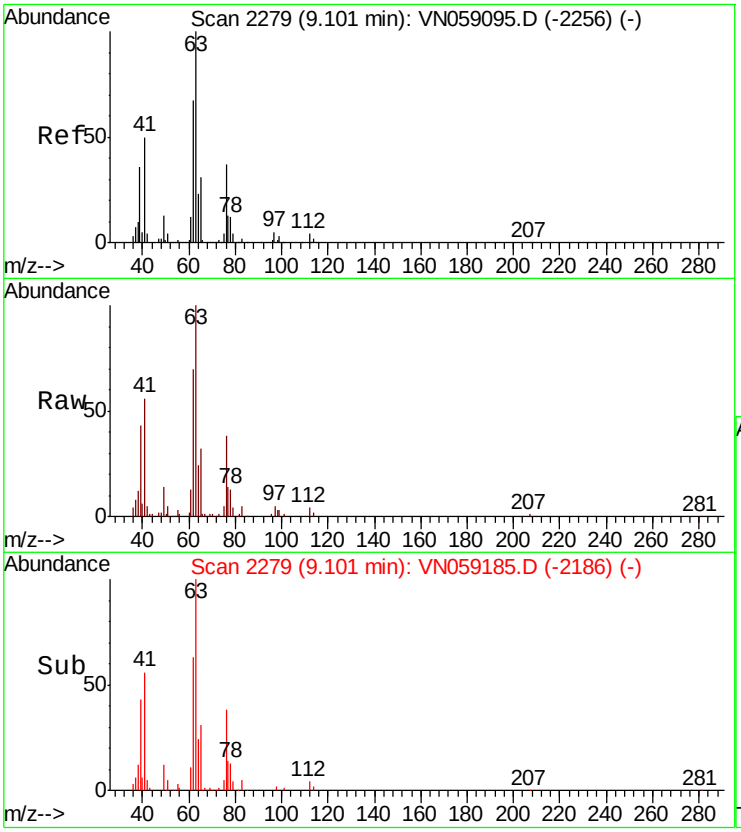


#44
Trichloroethene
Concen: 20.130 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:130 Resp: 88961

Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	206.4



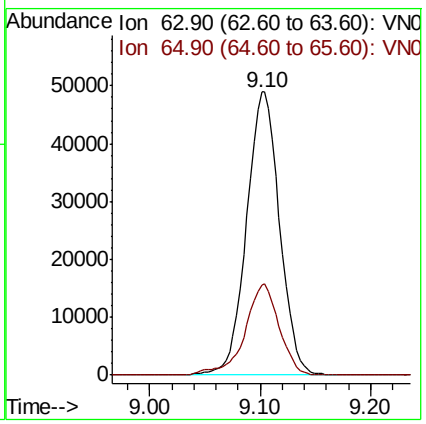


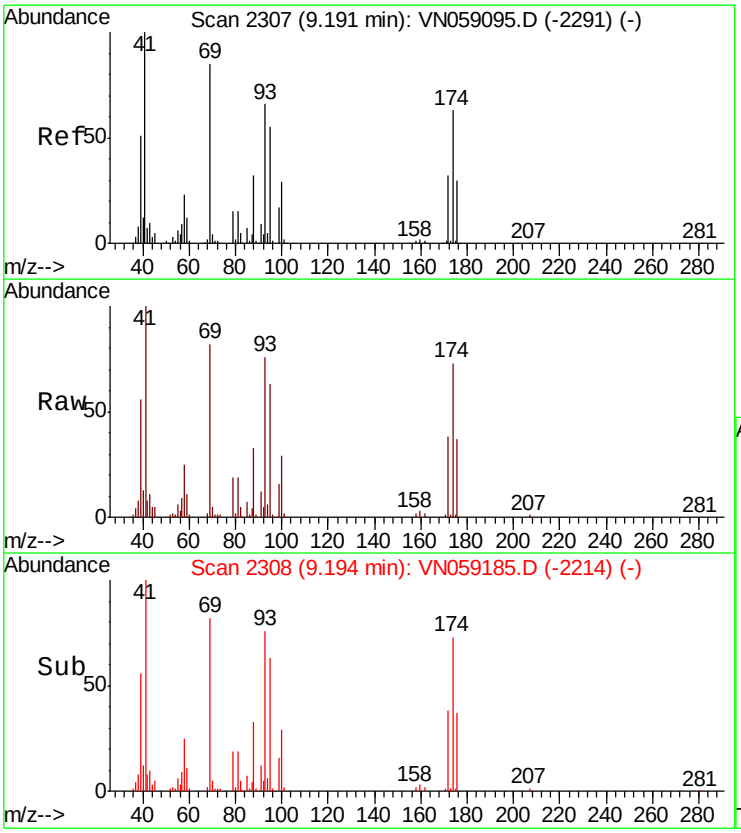
#45
1,2-Dichloropropane
Concen: 20.762 ug/l
RT: 9.10 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 101386

Ion	Ratio	Lower	Upper
63	100		
65	32.1	24.6	37.0

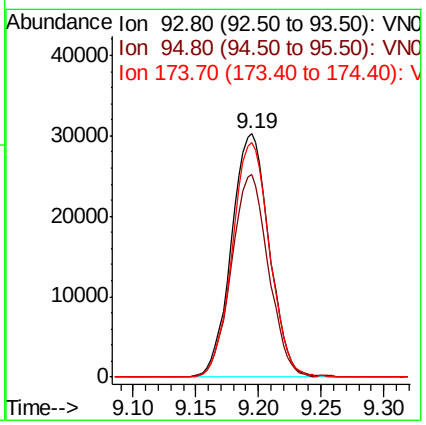


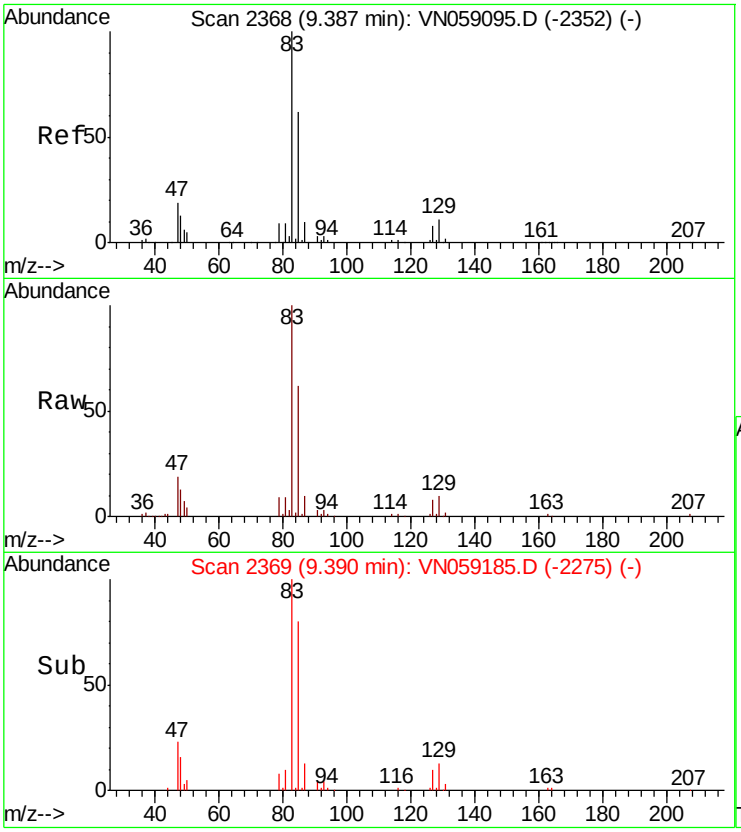


#46
Dibromomethane
Concen: 20.846 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 93 Resp: 63433

Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.6	100.0
174	95.0	78.2	117.2



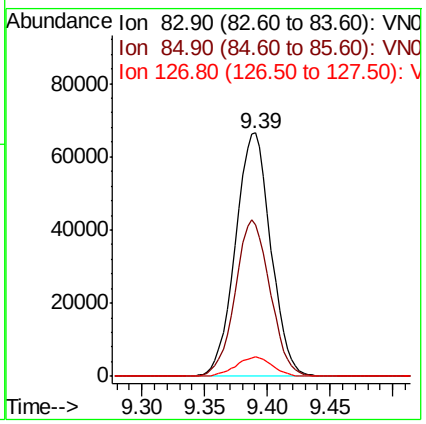


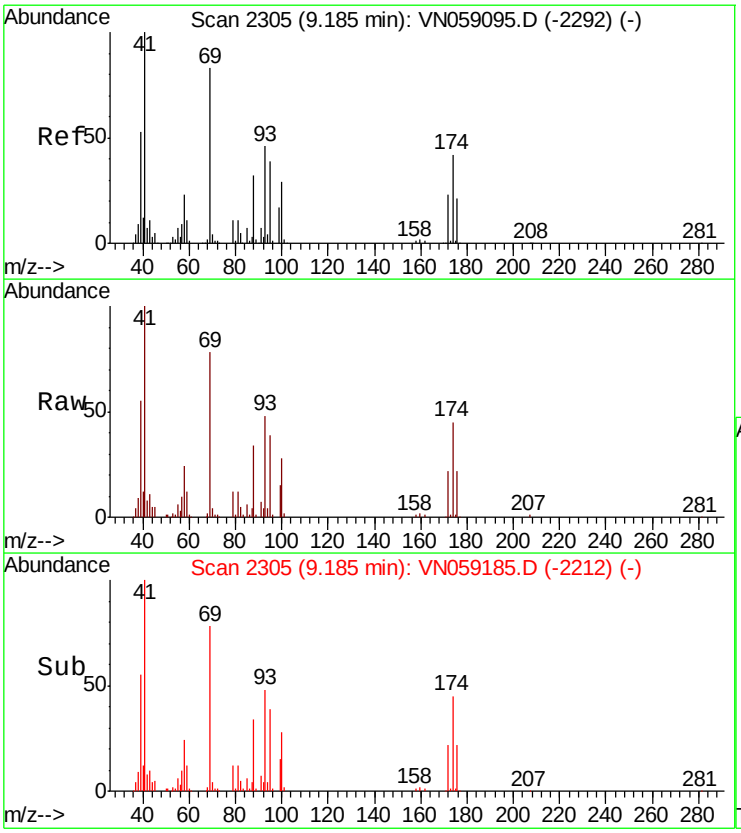
#47
Bromodichloromethane
Concen: 21.457 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 130378

Ion	Ratio	Lower	Upper
83	100		
85	62.3	49.7	74.5
127	7.9	6.4	9.6

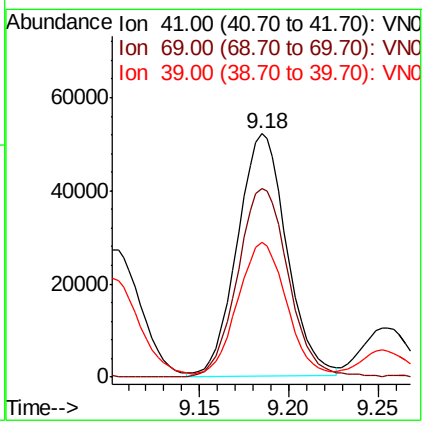


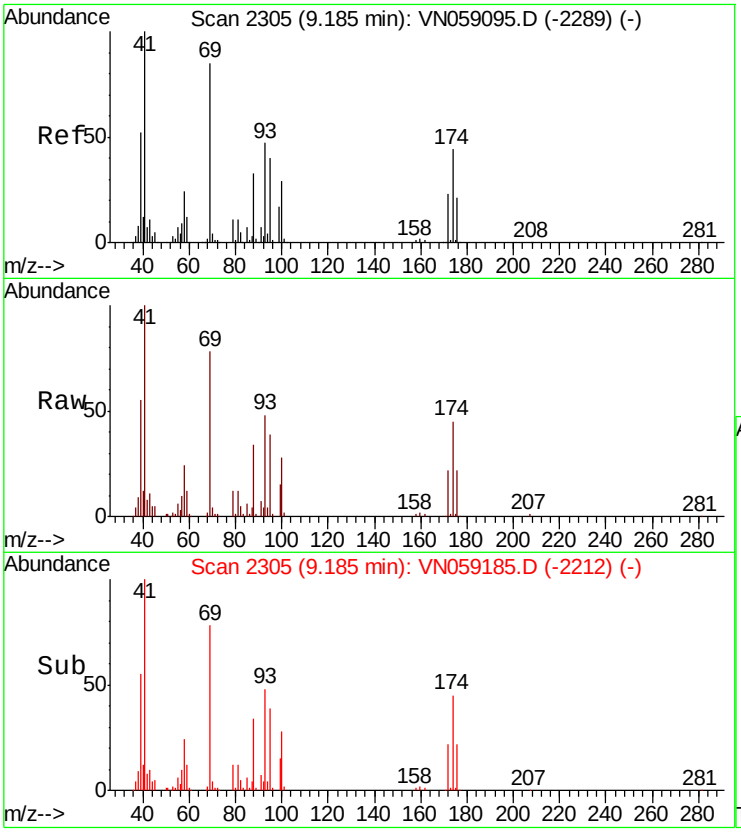


#48
Methyl methacrylate
Concen: 21.234 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 41 Resp: 100569

Ion	Ratio	Lower	Upper
41	100		
69	80.3	67.3	100.9
39	55.1	43.3	64.9



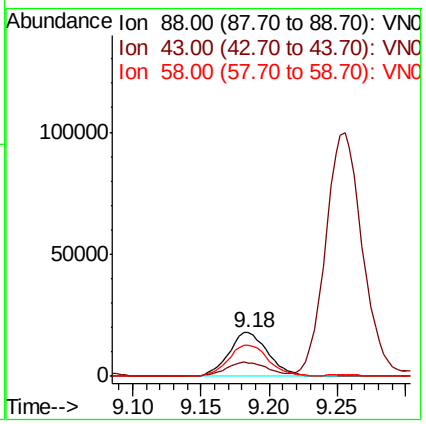


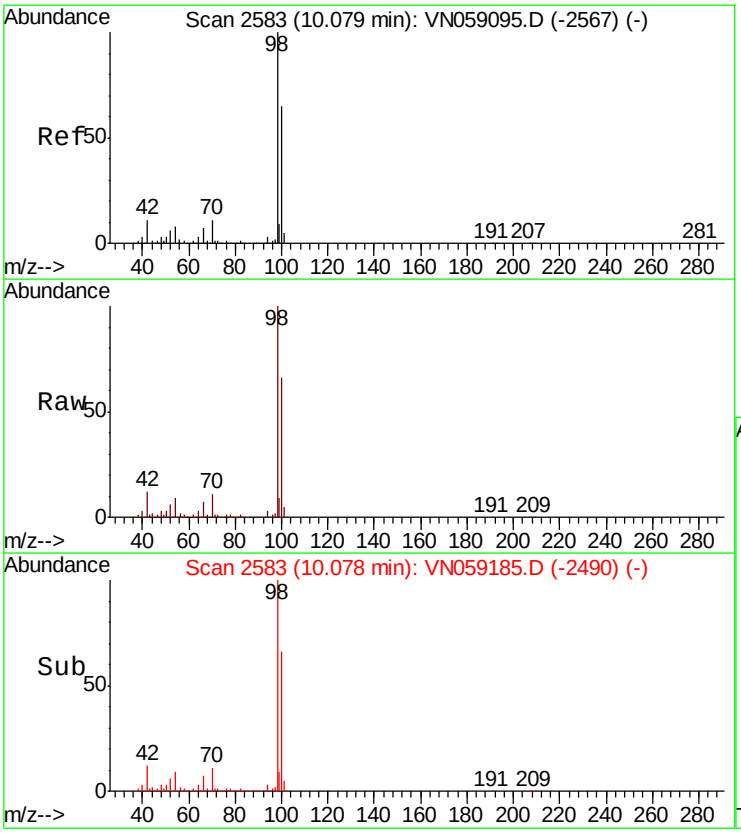
#49
1,4-Dioxane
Concen: 429.320 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 36135

Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.3	39.5
58	72.8	60.6	90.8

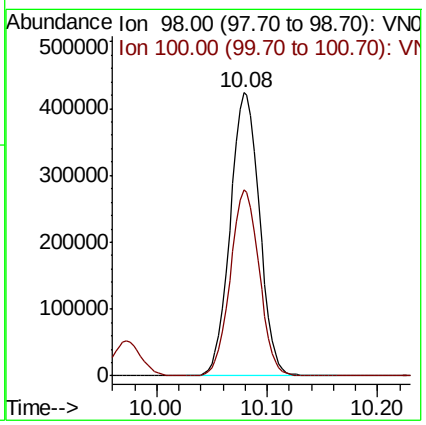


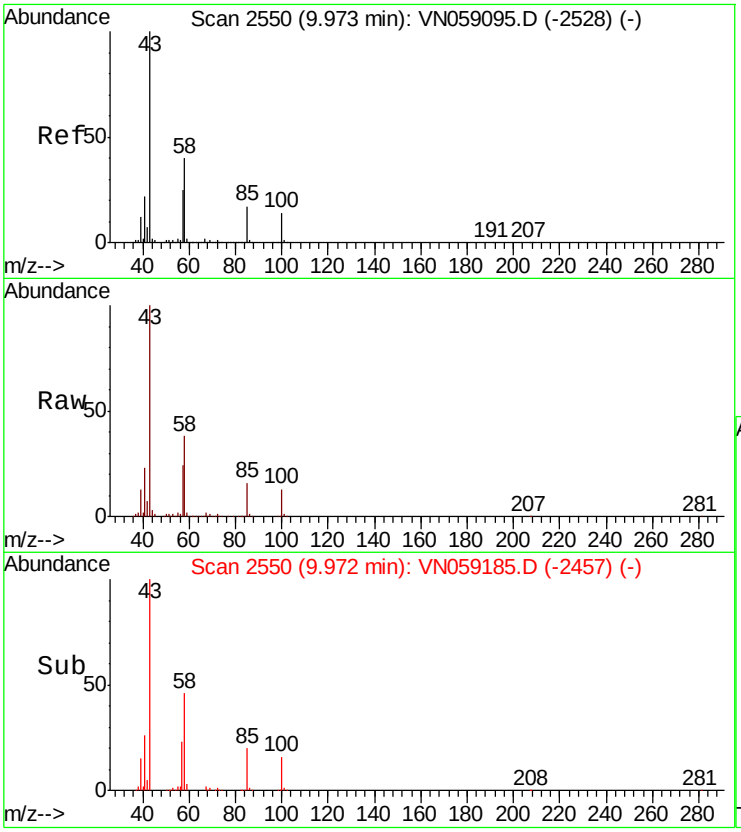


#50
Toluene-d8
Concen: 51.834 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 98 Resp: 778646

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2



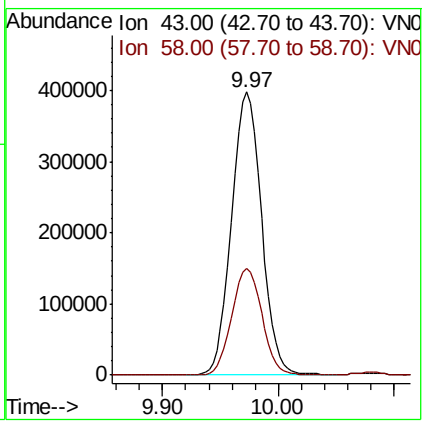


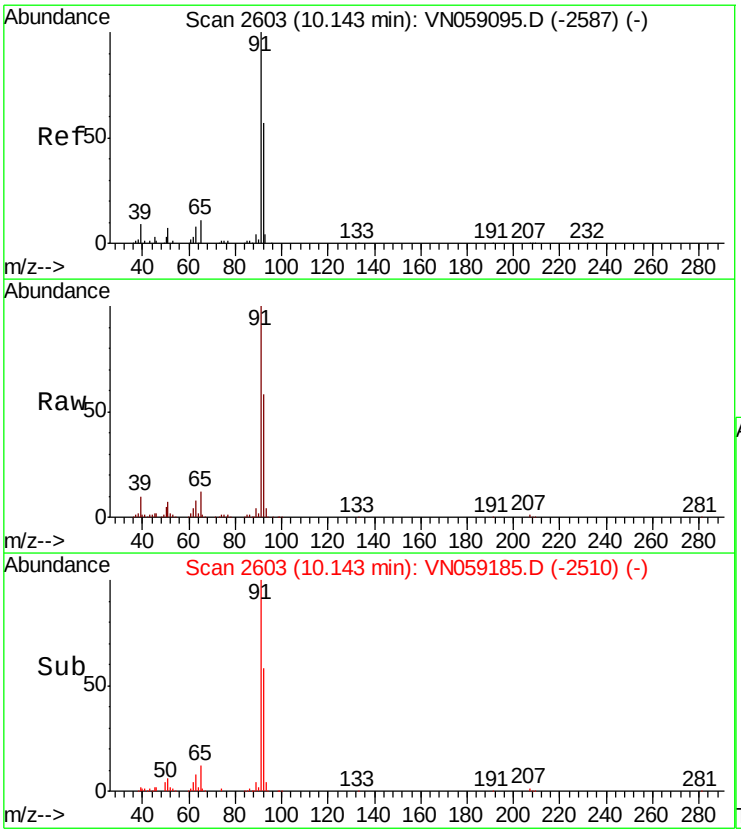
#51
4-Methyl-2-Pentanone
Concen: 119.188 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 714072

Ion	Ratio	Lower	Upper
43	100		
58	38.1	31.5	47.3

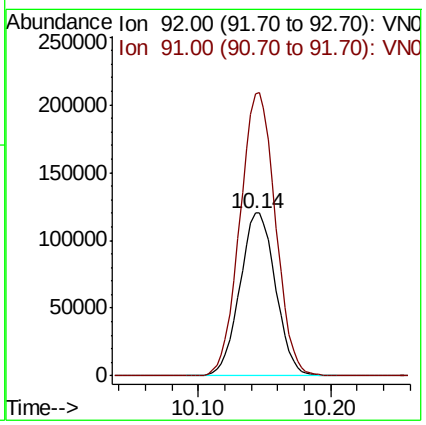


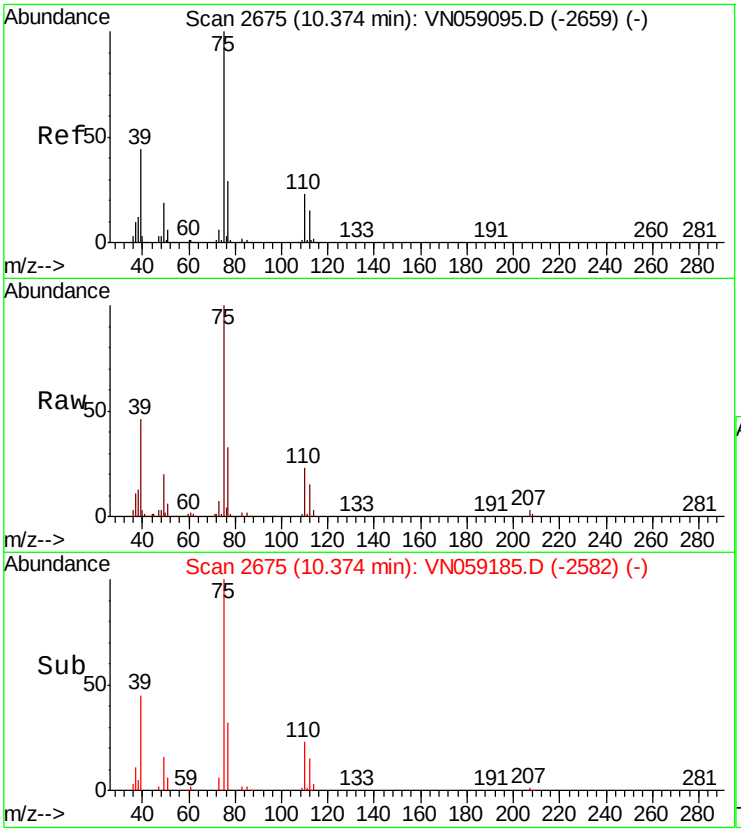


#52
Toluene
Concen: 20.811 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 92 Resp: 224246

Ion	Ratio	Lower	Upper
92	100		
91	173.5	139.5	209.3



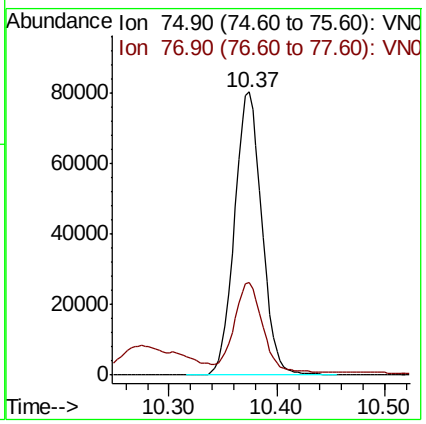


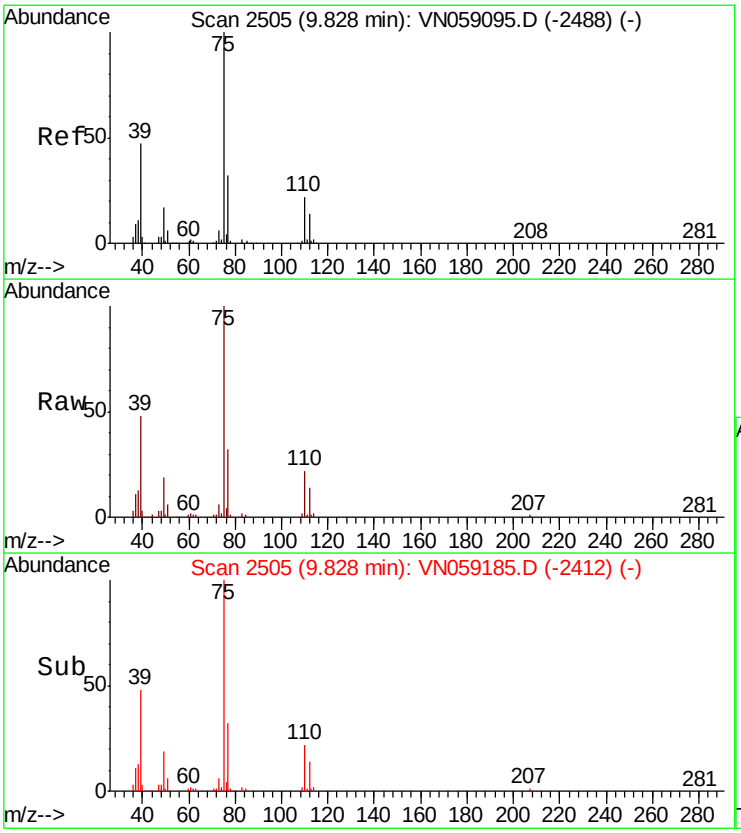
#53
t-1,3-Dichloropropene
Concen: 20.209 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 141866

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9

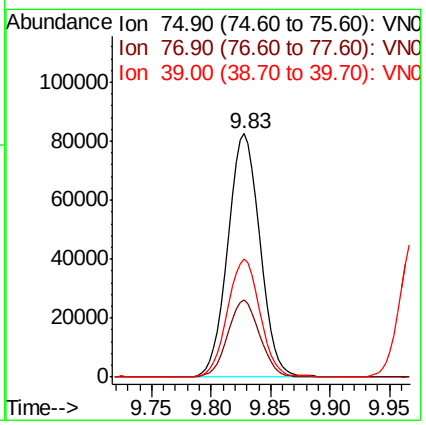


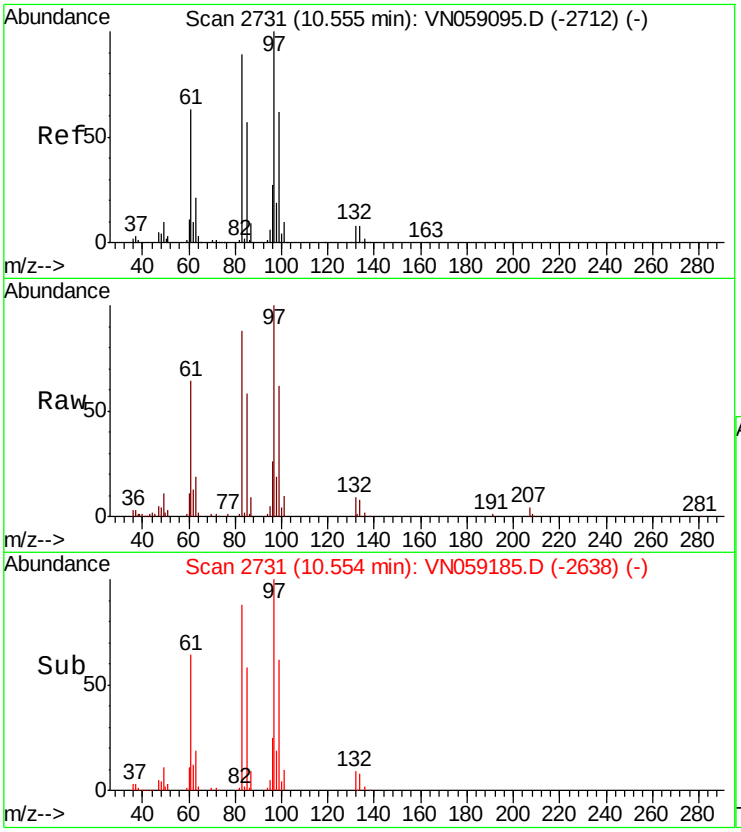


#54
cis-1,3-Dichloropropene
Concen: 20.515 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 75 Resp: 154917

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
39	48.3	37.3	55.9



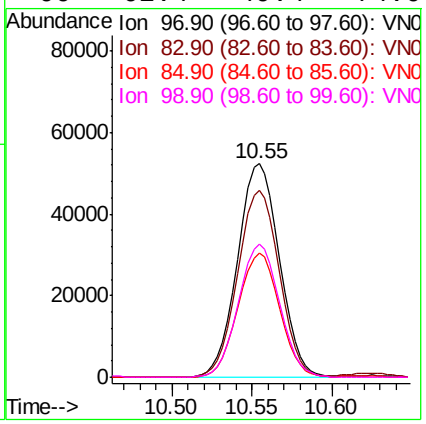


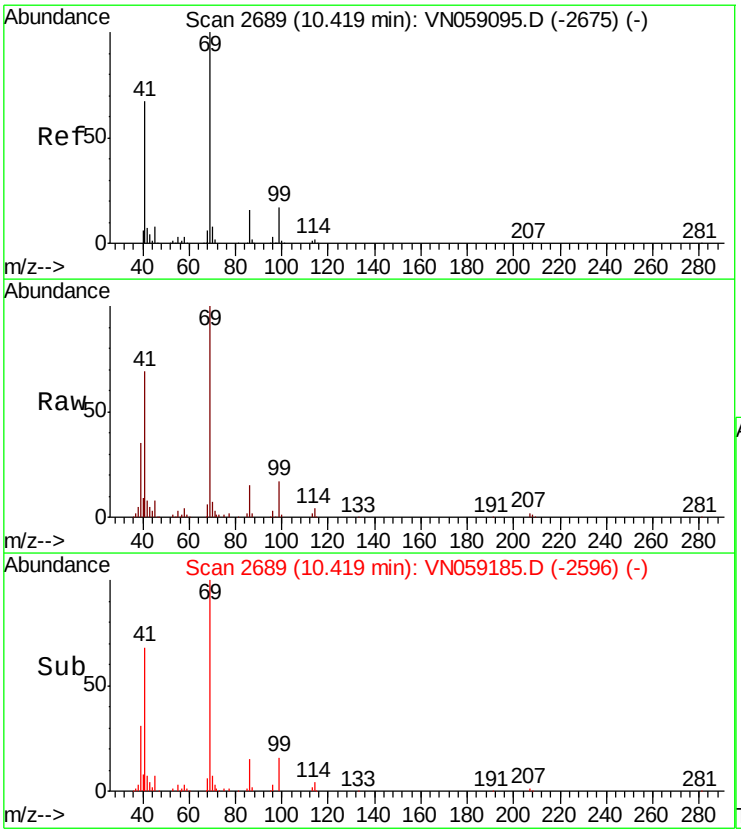
#55
1,1,2-Trichloroethane
Concen: 21.527 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 93879

Ion	Ratio	Lower	Upper
97	100		
83	87.8	71.0	106.4
85	58.1	45.8	68.8
99	62.4	49.4	74.0

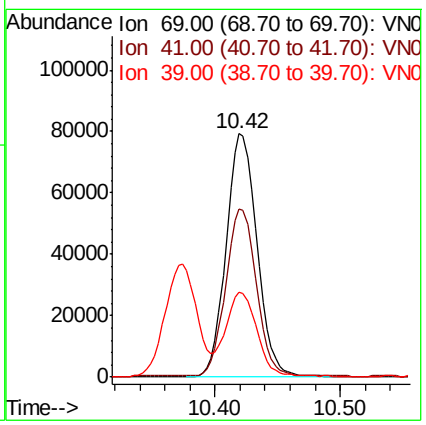


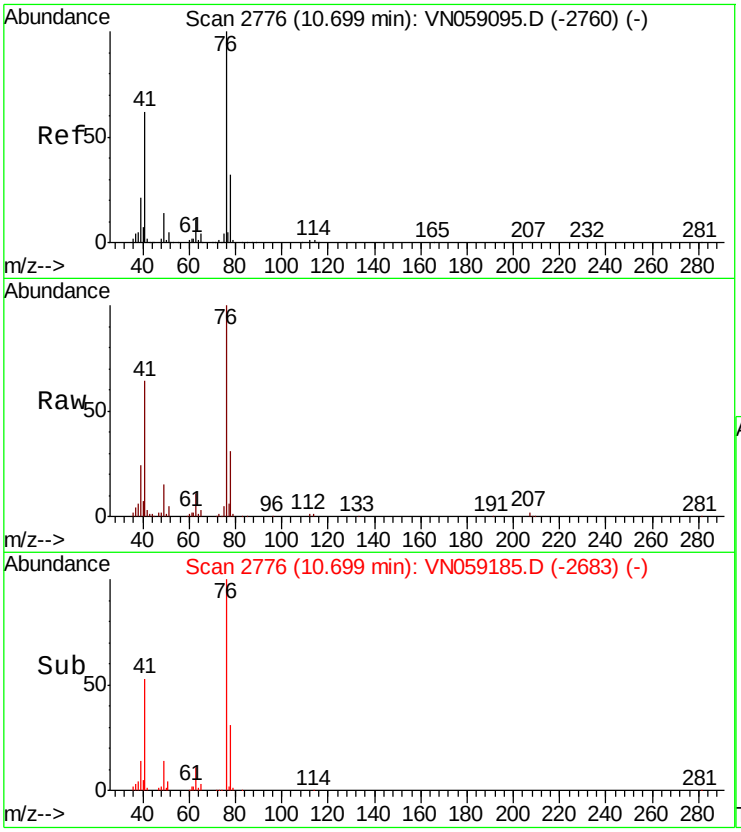


#56
Ethyl methacrylate
Concen: 19.846 ug/l
RT: 10.42 min Scan# 2689
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 69 Resp: 135814

Ion	Ratio	Lower	Upper
69	100		
41	68.0	53.6	80.4
39	34.9	26.2	39.4



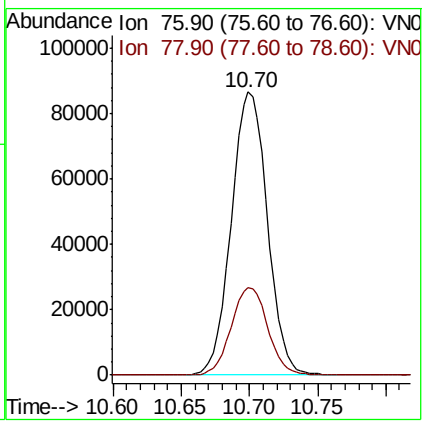


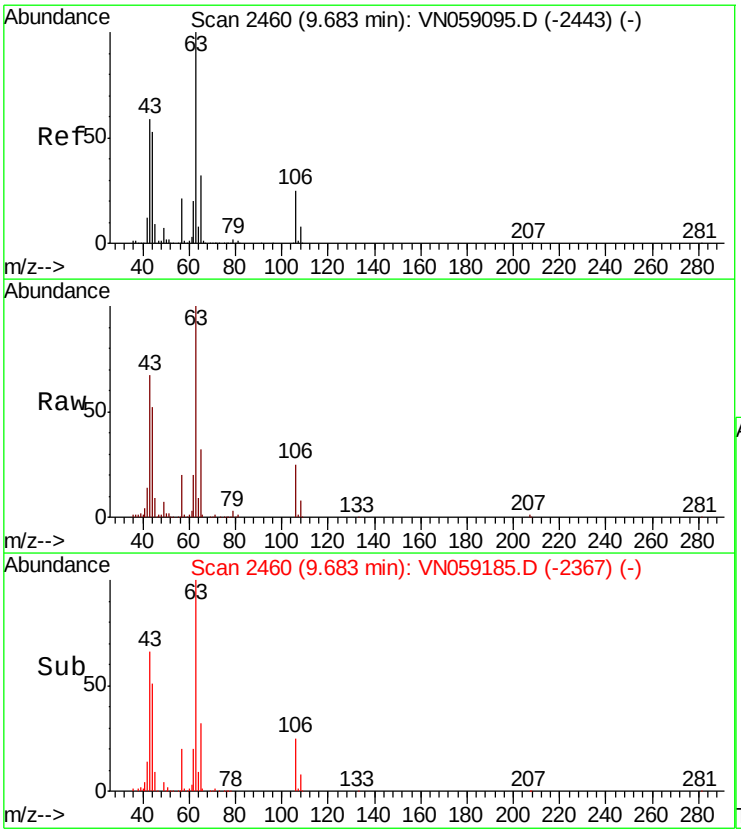
#57
1,3-Dichloropropane
Concen: 21.162 ug/l
RT: 10.70 min Scan# 2776
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 158835

Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.8	38.8

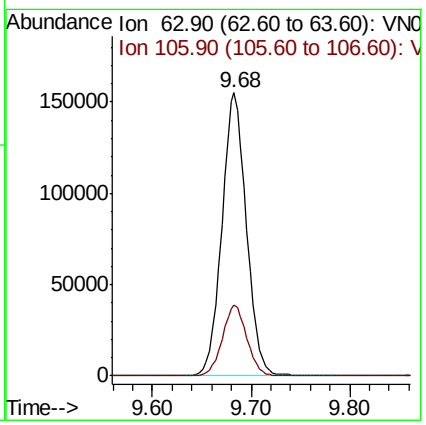


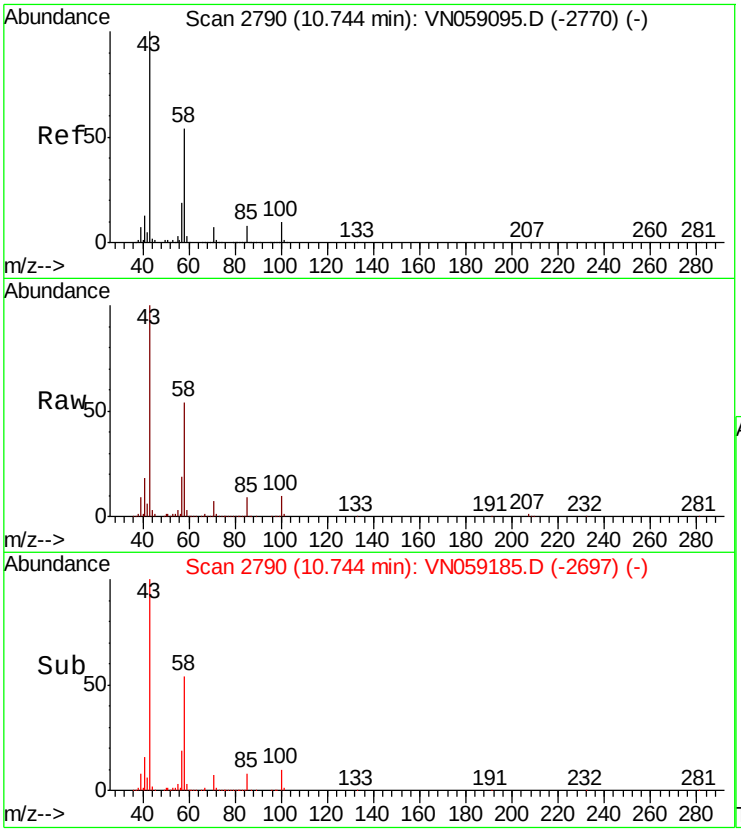


#58
2-Chloroethyl Vinyl ether
Concen: 111.079 ug/l
RT: 9.68 min Scan# 2460
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 63 Resp: 269588

Ion	Ratio	Lower	Upper
63	100		
106	25.0	20.2	30.2



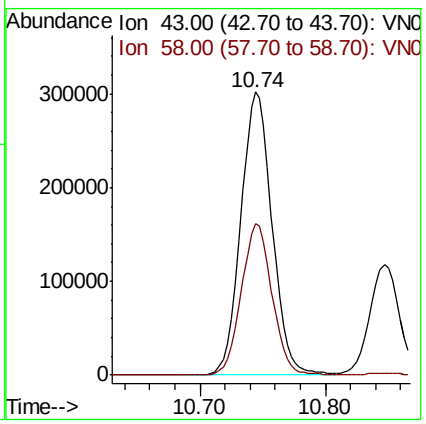


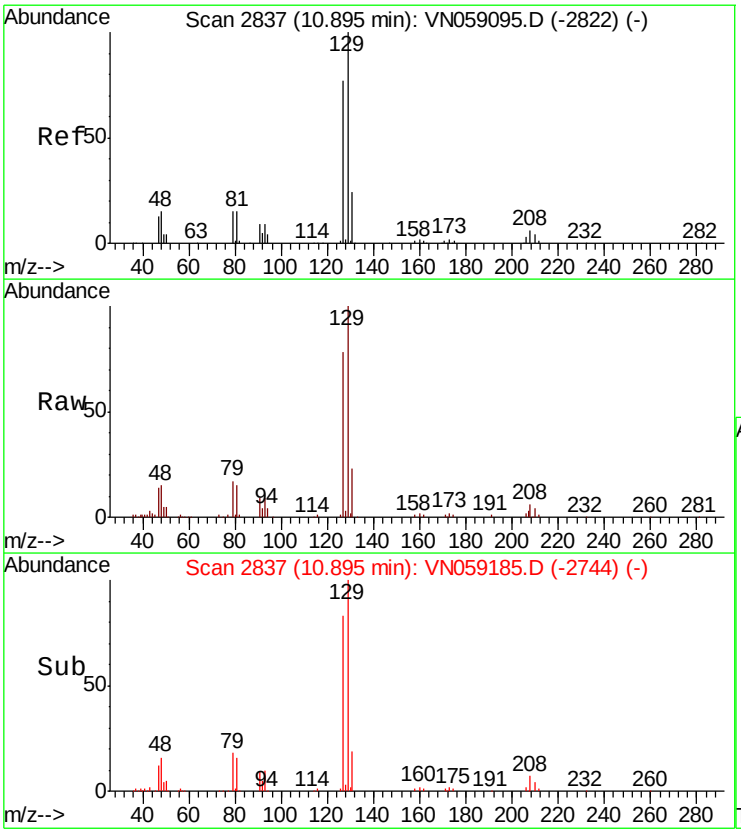
#59
2-Hexanone
Concen: 113.219 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 520634

Ion	Ratio	Lower	Upper
43	100		
58	53.1	27.3	81.8

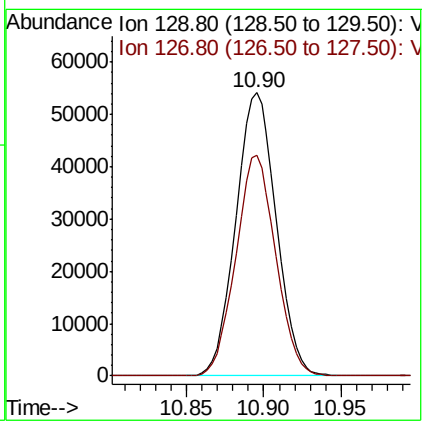


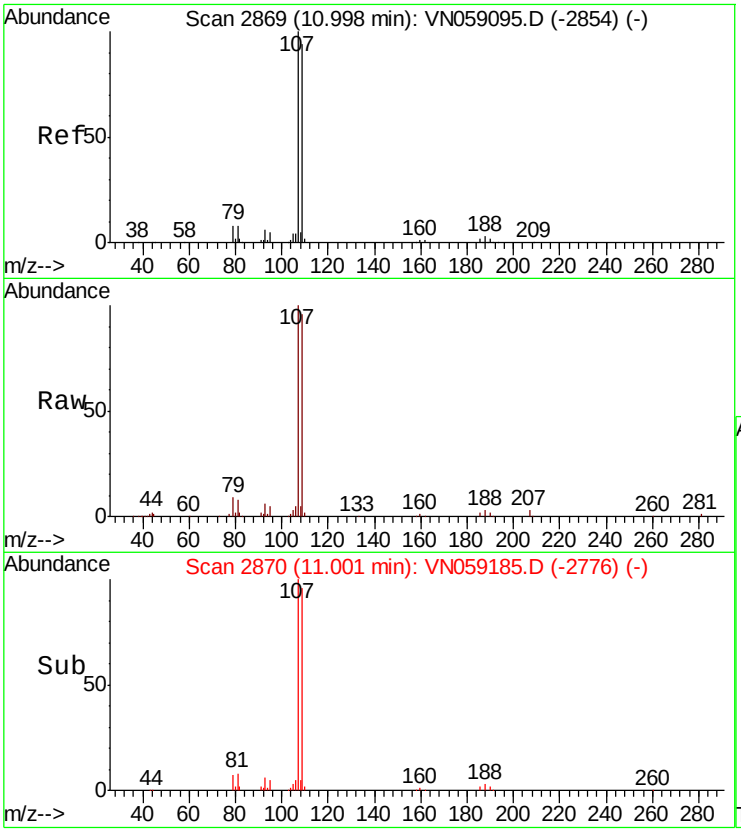


#60
Dibromochloromethane
Concen: 21.289 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:129 Resp: 98159

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	115.8



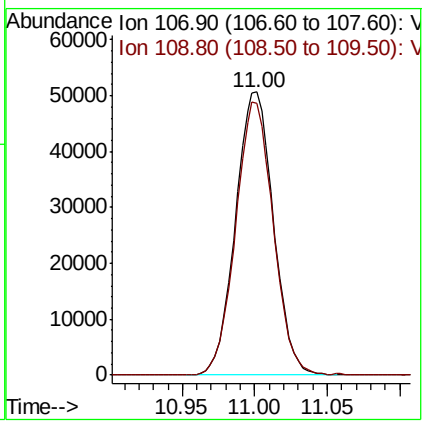


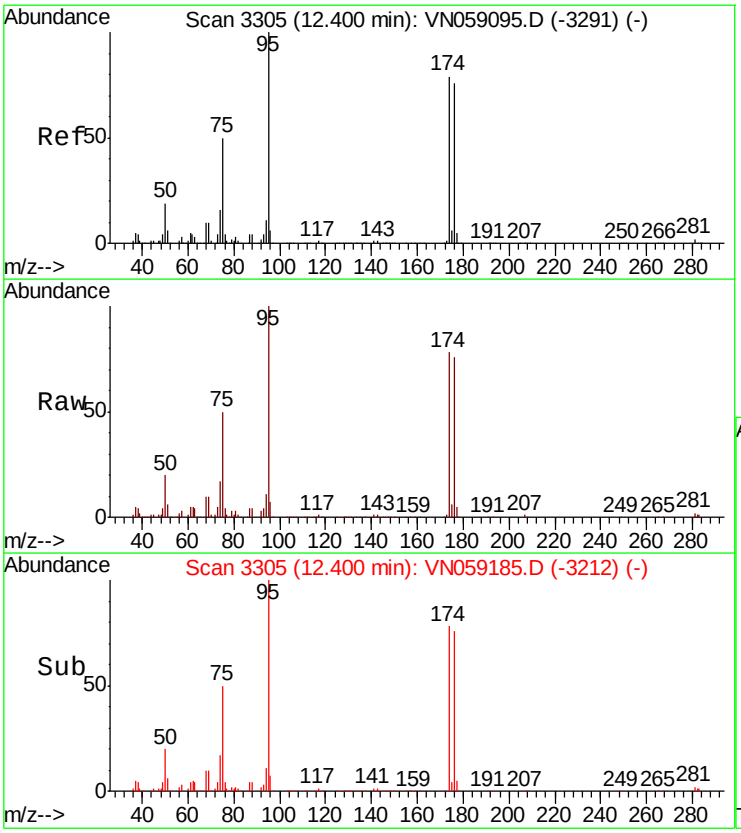
#61
1,2-Dibromoethane
Concen: 20.859 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:107 Resp: 92086

Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.5	113.3

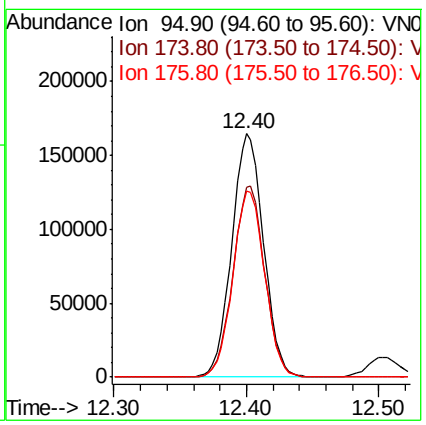


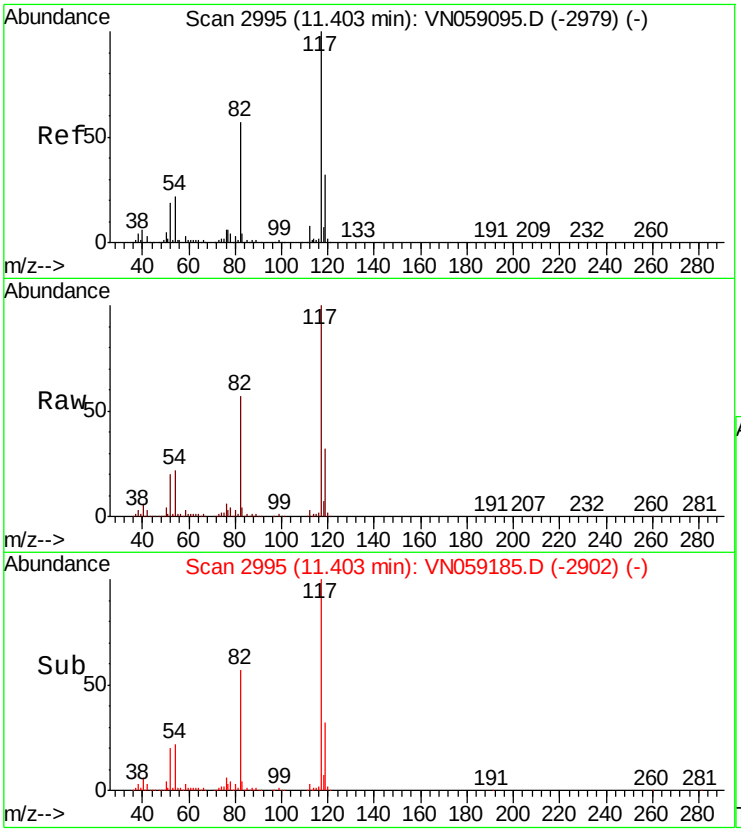


#62
4-Bromofluorobenzene
Concen: 50.483 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 95 Resp: 273433

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	158.2
176	76.6	0.0	151.8



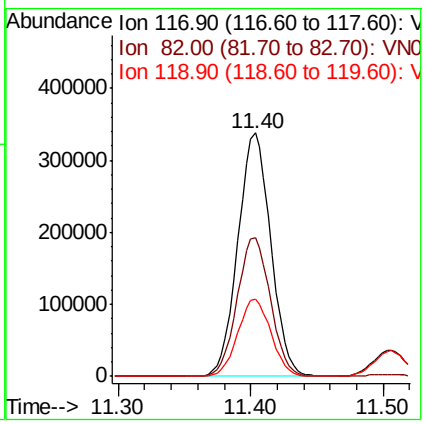


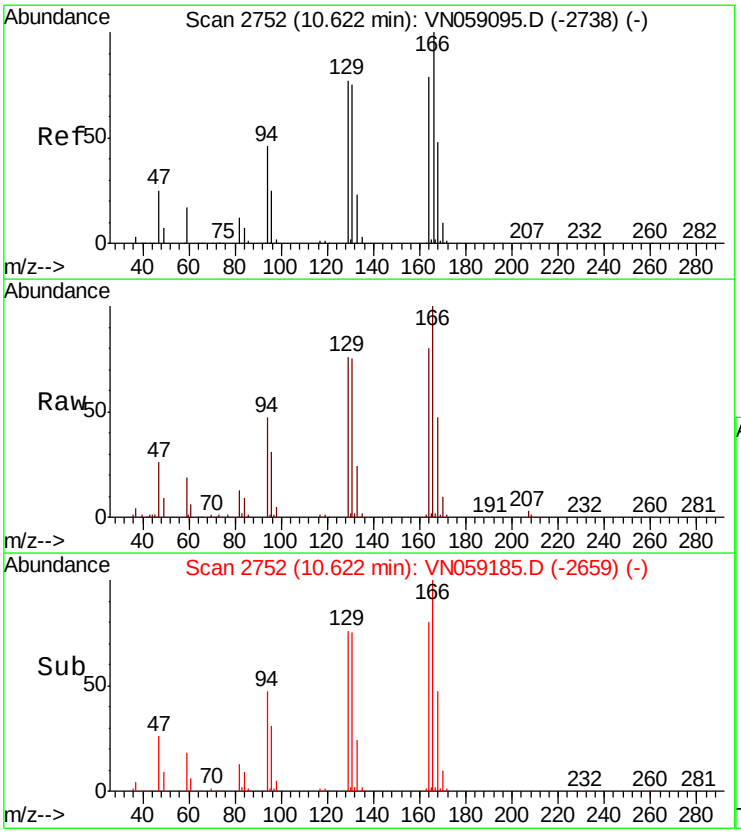
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 582364

Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.8	68.8
119	31.7	25.8	38.6

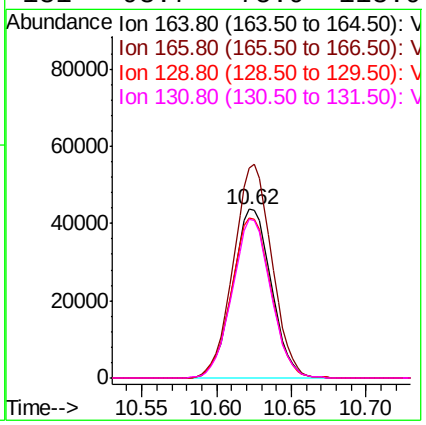


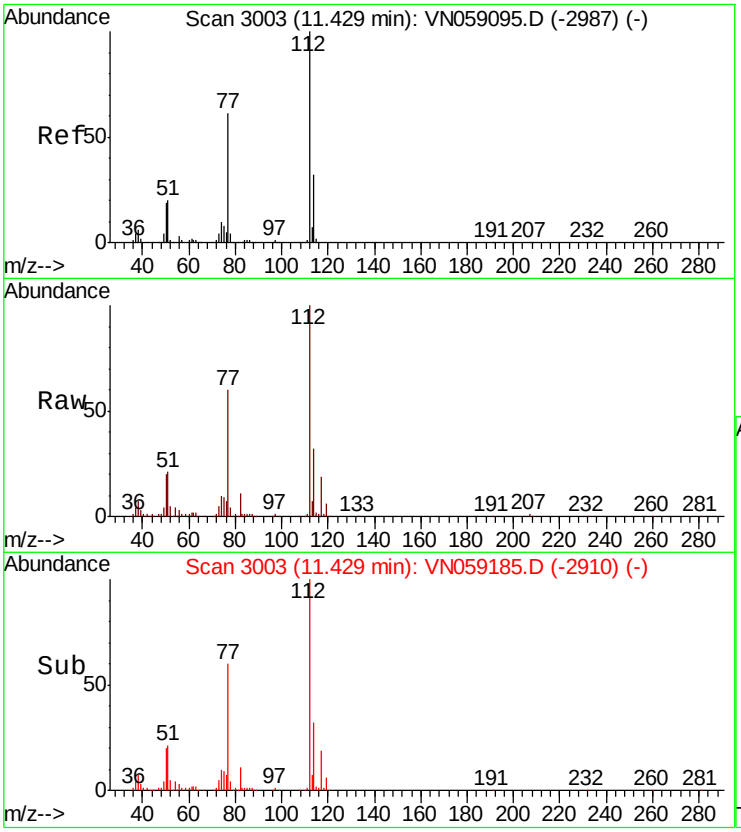


#64
Tetrachloroethene
Concen: 19.965 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:164 Resp: 79063

Ion	Ratio	Lower	Upper
164	100		
166	124.6	101.5	152.3
129	95.0	78.3	117.5
131	93.7	75.9	113.9



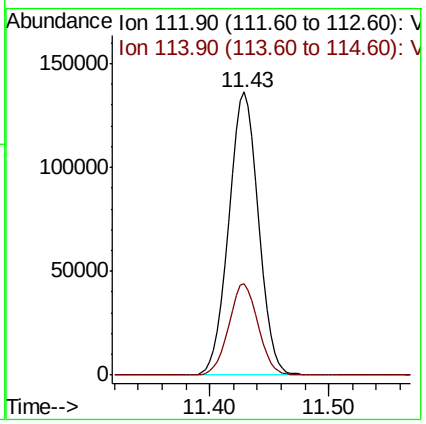


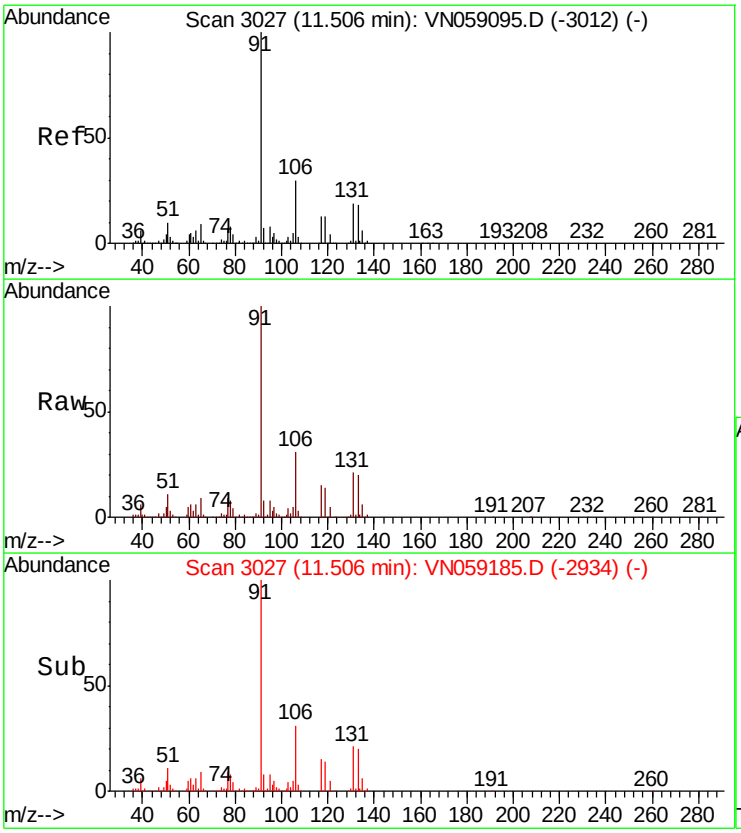
#65
Chlorobenzene
Concen: 20.758 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 235654

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.2	37.8

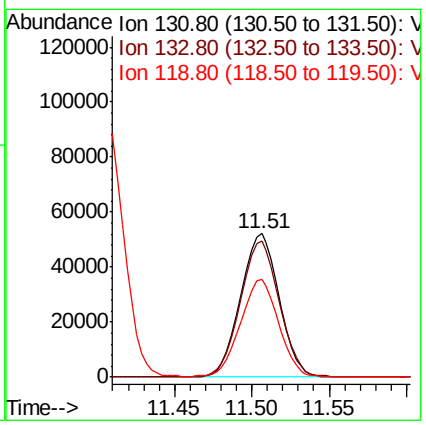


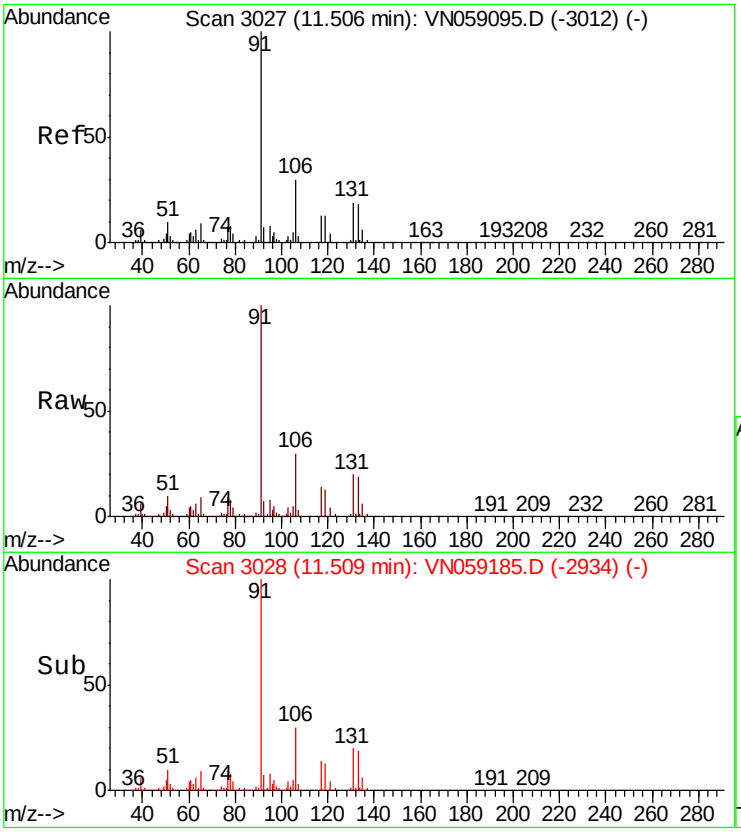


#66
1,1,1,2-Tetrachloroethane
Concen: 21.281 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:131 Resp: 90626

Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.4	142.3
119	67.7	33.2	99.6



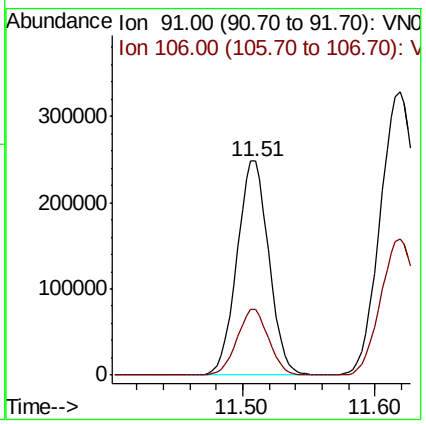


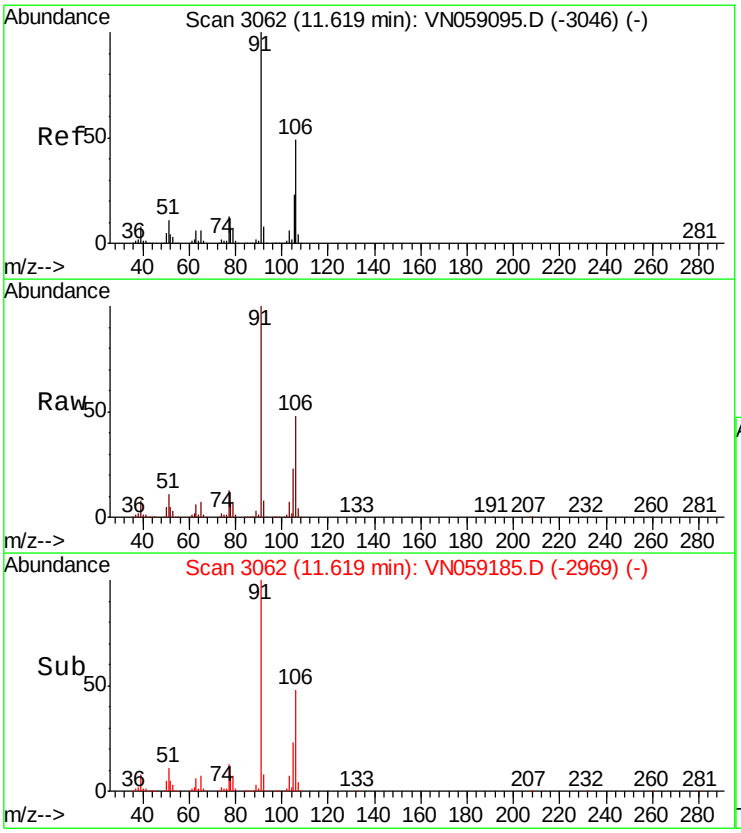
#67
Ethyl Benzene
Concen: 20.613 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 415195

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.1	36.1

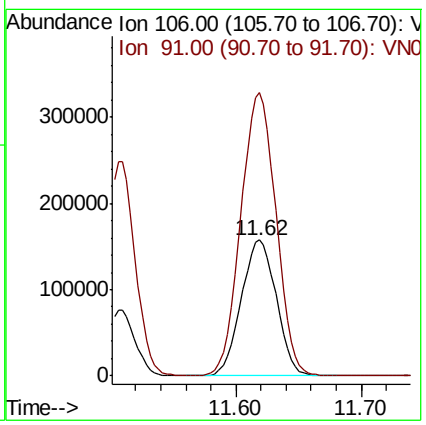


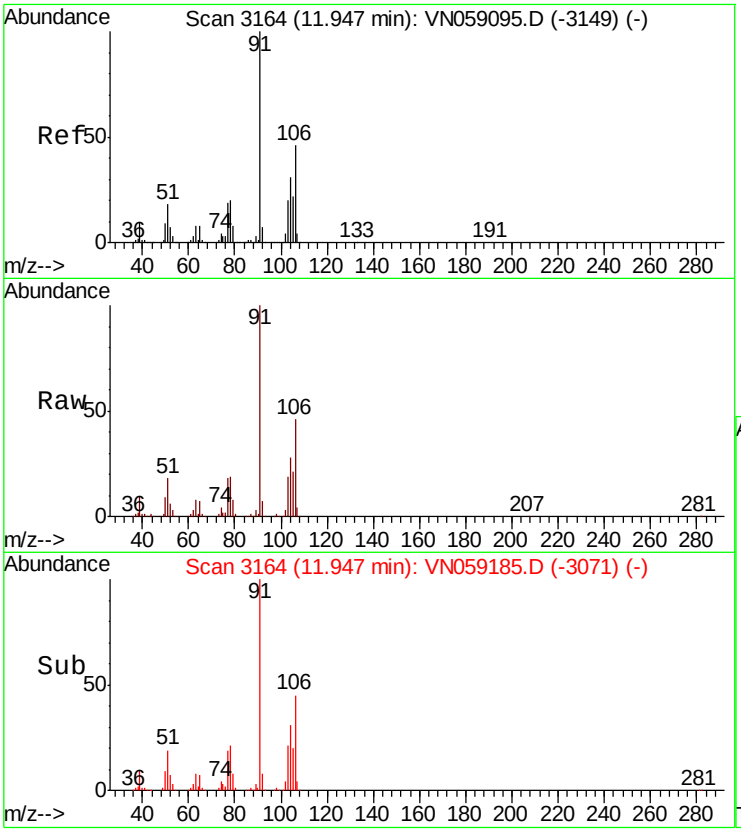


#68
m/p-Xylenes
Concen: 40.571 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:106 Resp: 306108

Ion	Ratio	Lower	Upper
106	100		
91	208.5	164.7	247.1



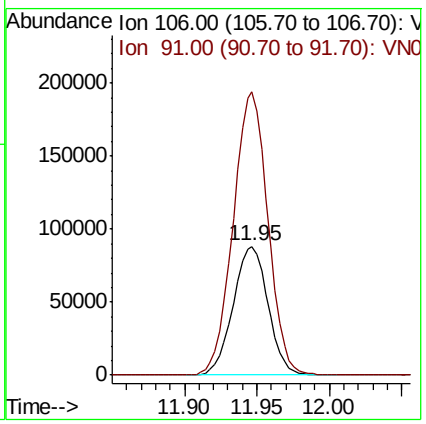


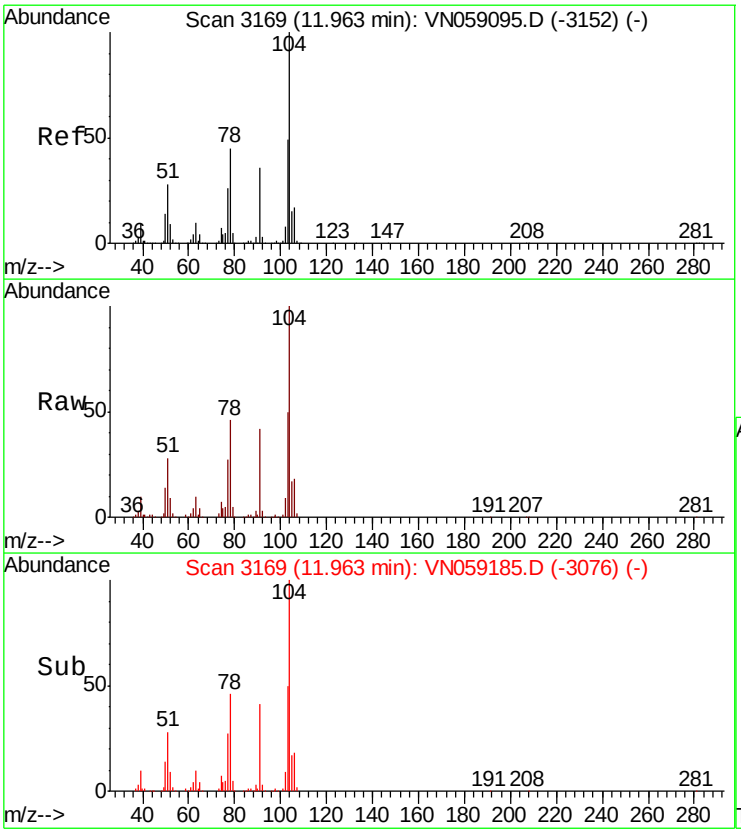
#69
o-Xylene
Concen: 20.136 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 146818

Ion	Ratio	Lower	Upper
106	100		
91	219.9	110.1	330.3

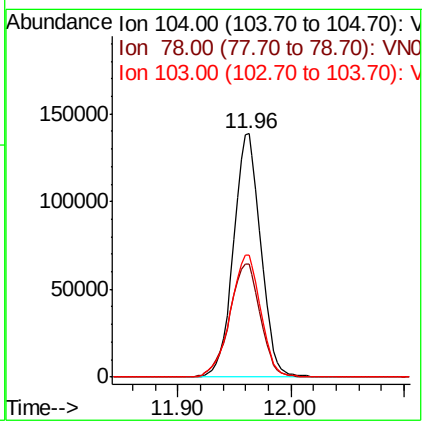


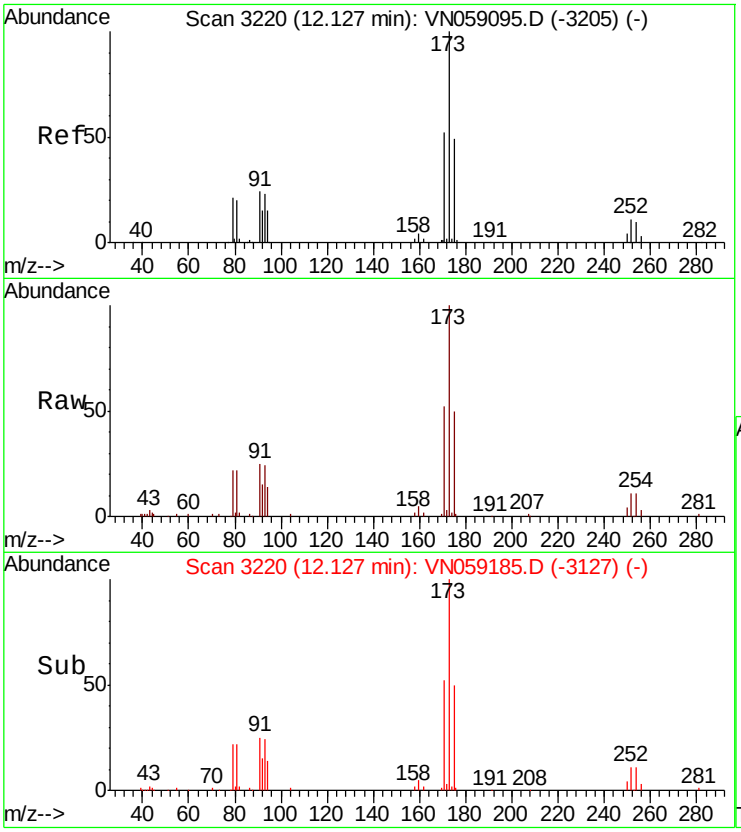


#70
Styrene
Concen: 20.353 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:104 Resp: 233398

Ion	Ratio	Lower	Upper
104	100		
78	52.3	41.2	61.8
103	55.7	43.8	65.6



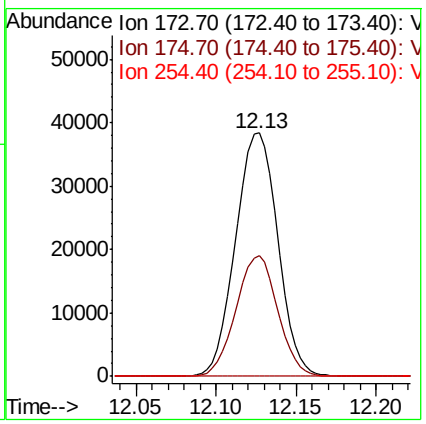


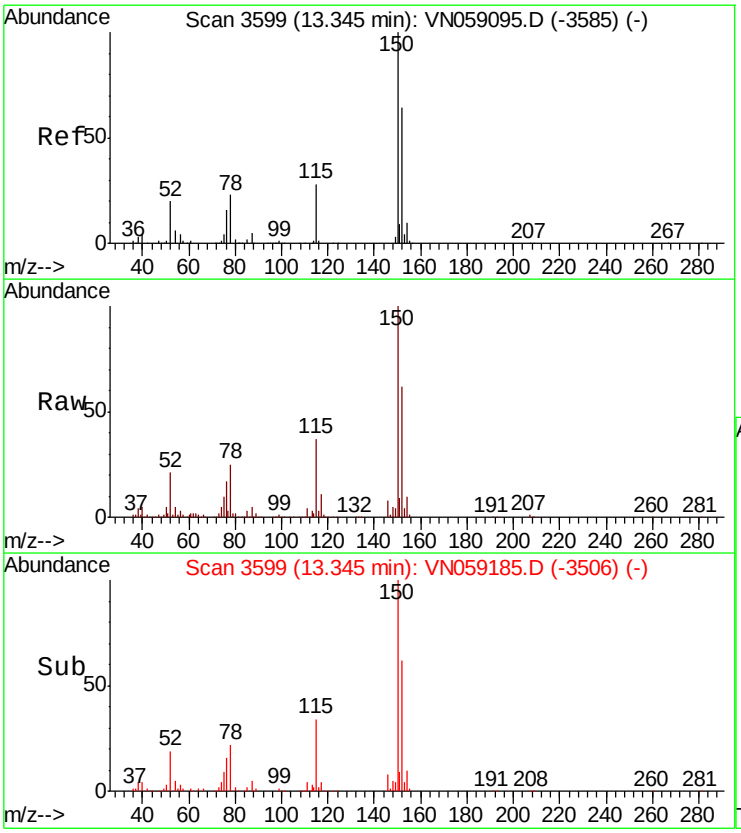
#71
Bromoform
Concen: 20.878 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 69160

Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.2	72.6
254	0.0	0.1	0.1#

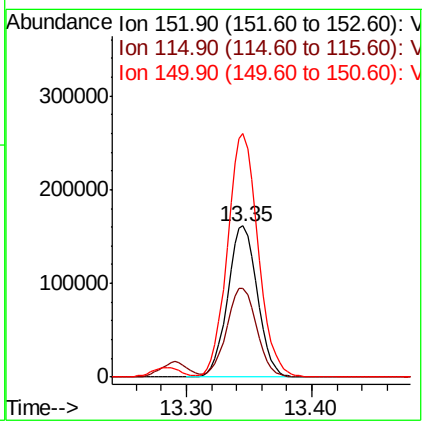


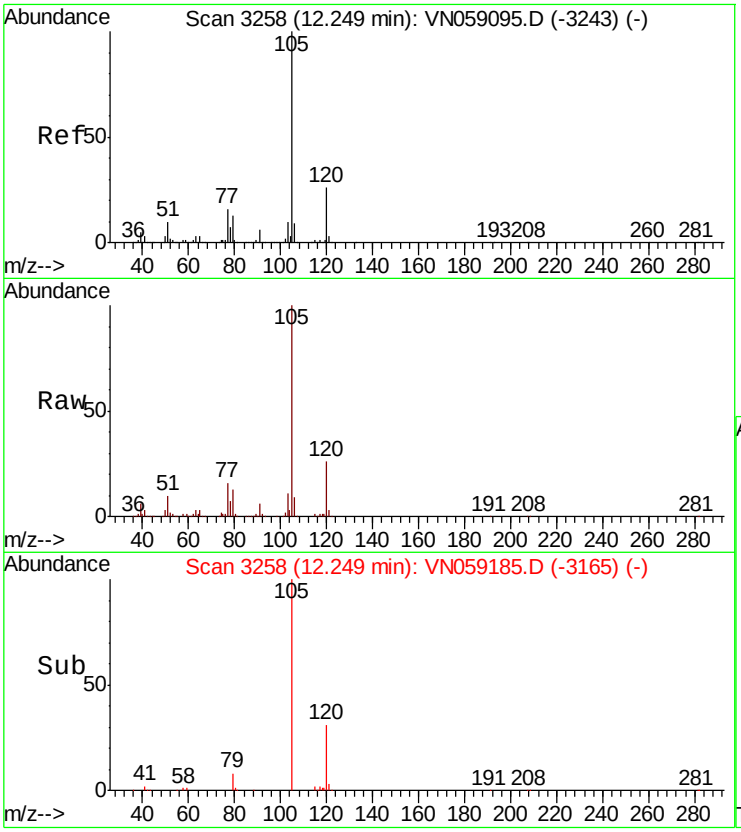


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:152 Resp: 264043

Ion	Ratio	Lower	Upper
152	100		
115	59.5	29.4	88.2
150	166.5	0.0	345.8



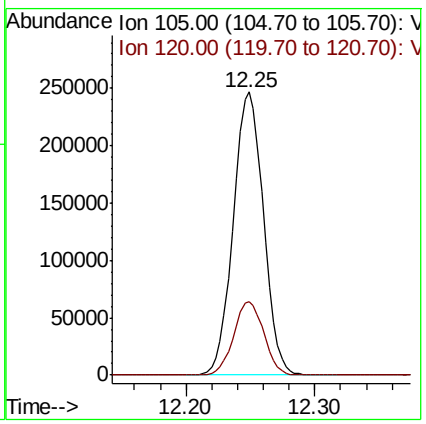


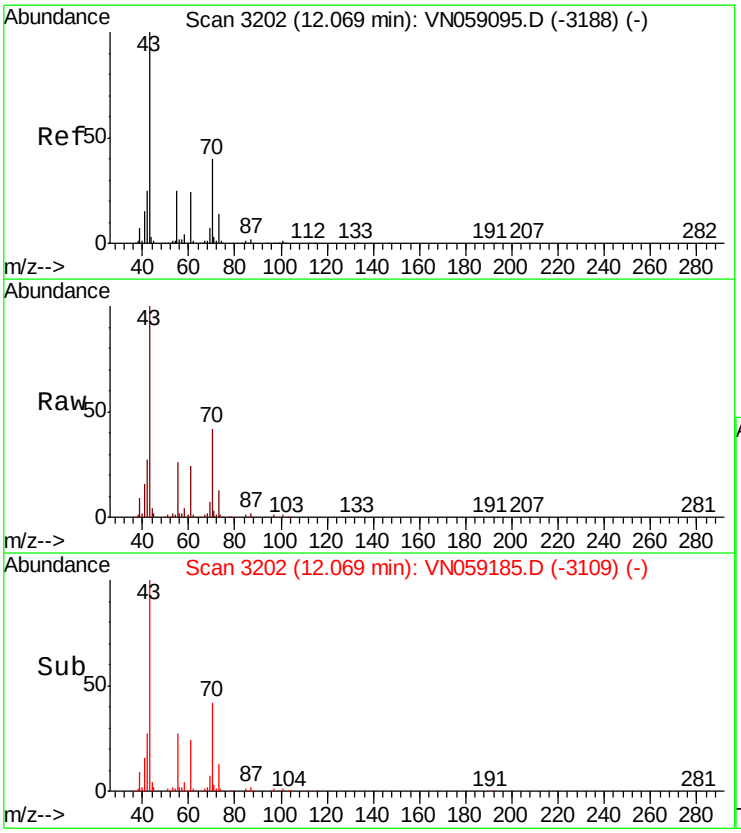
#73
Isopropylbenzene
Concen: 20.855 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 400554

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

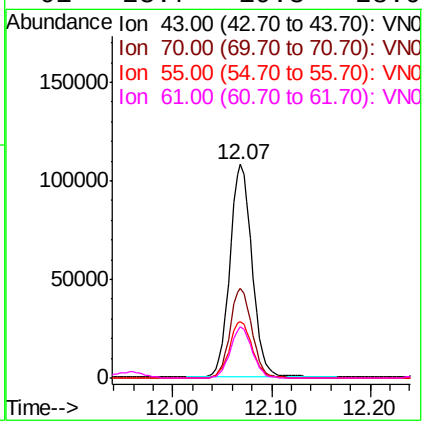


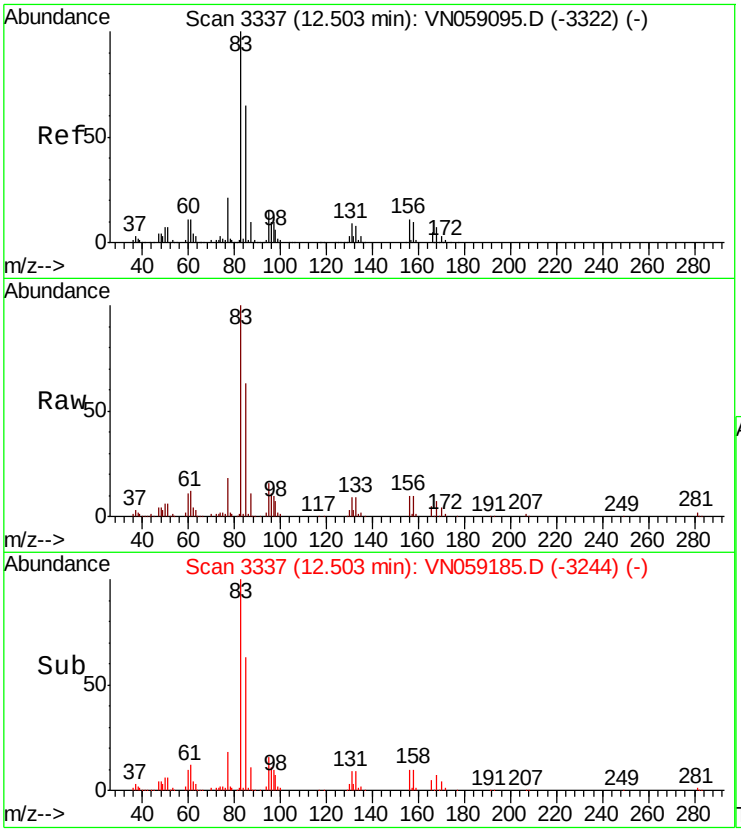


#74
N-amyl acetate
Concen: 20.913 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 43 Resp: 170198

Ion	Ratio	Lower	Upper
43	100		
70	41.7	32.2	48.4
55	27.4	20.4	30.6
61	23.7	19.3	28.9



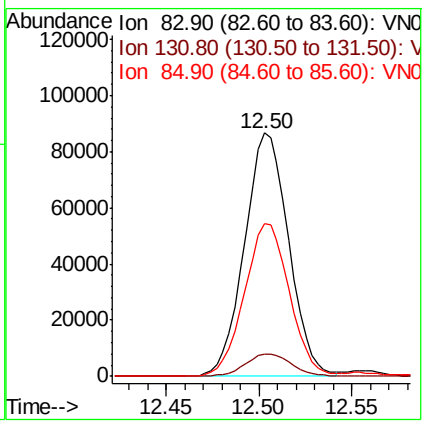


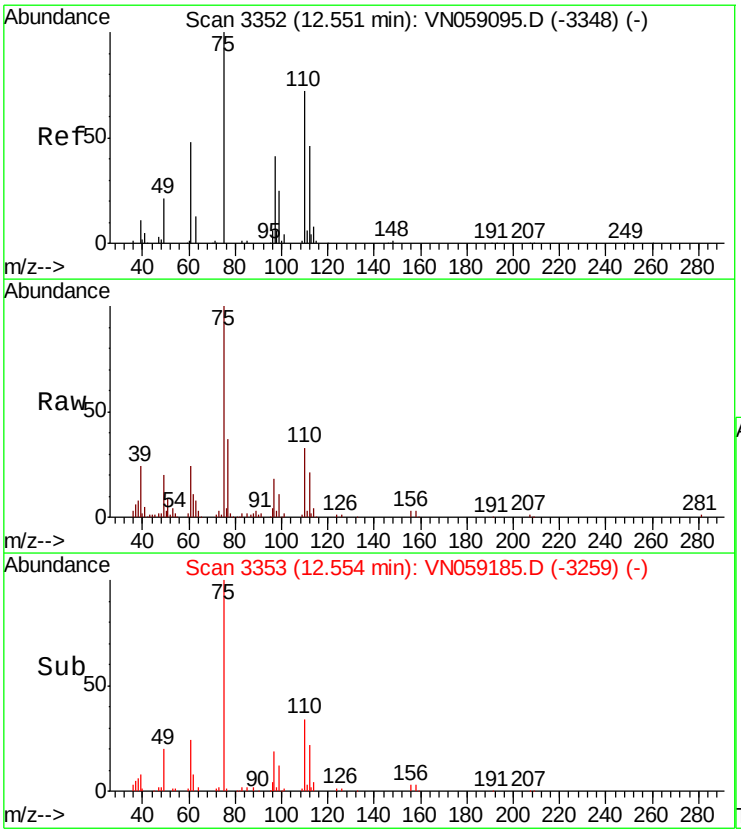
#75
1,1,2,2-Tetrachloroethane
Concen: 21.913 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 143329

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.9	14.6
85	63.7	32.4	97.2

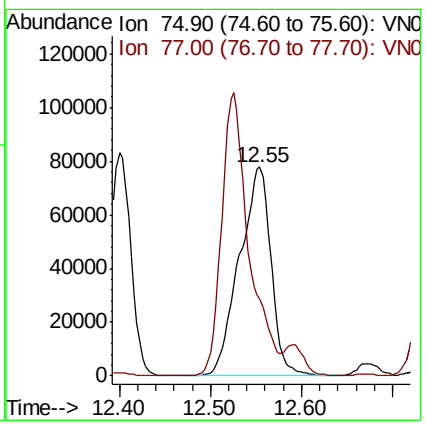


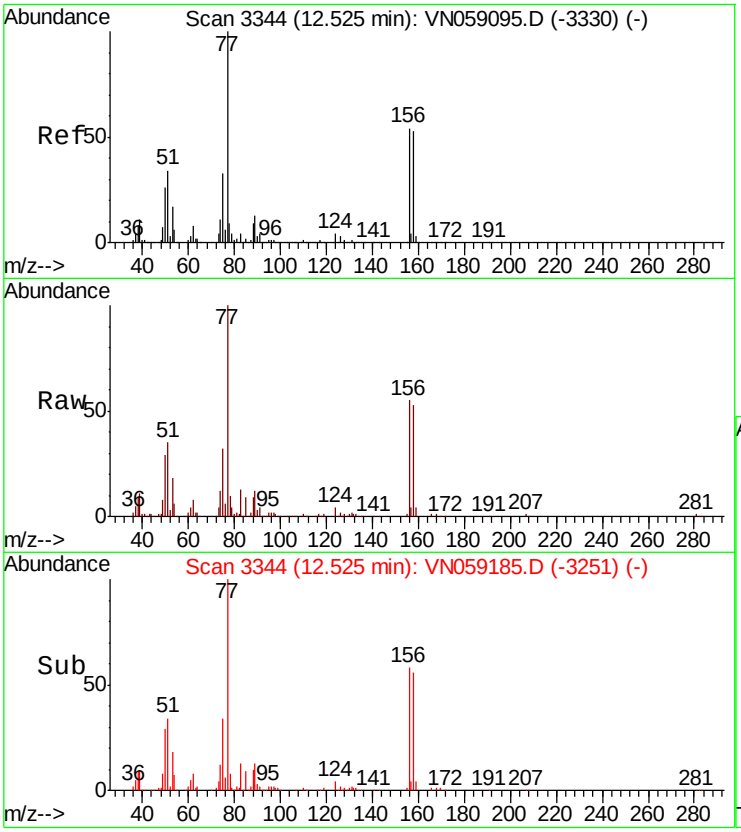


#76
1,2,3-Trichloropropane
Concen: 31.264 ug/l
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 75 Resp: 187942

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



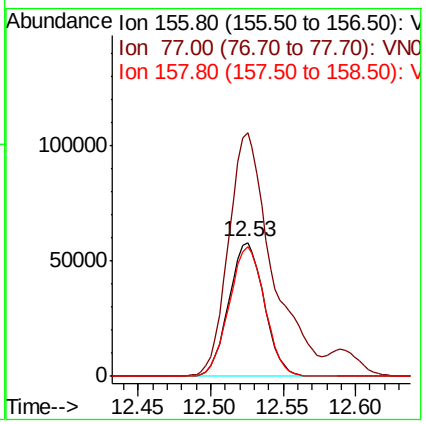


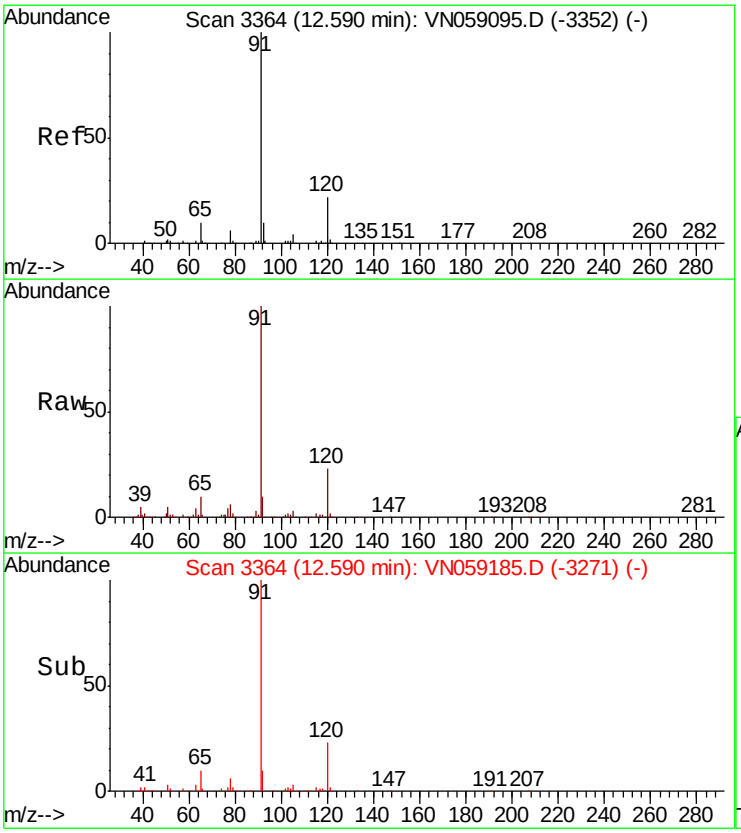
#77
Bromobenzene
Concen: 20.331 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:156 Resp: 98105

Ion	Ratio	Lower	Upper
156	100		
77	224.9	112.8	338.3
158	97.4	48.4	145.3

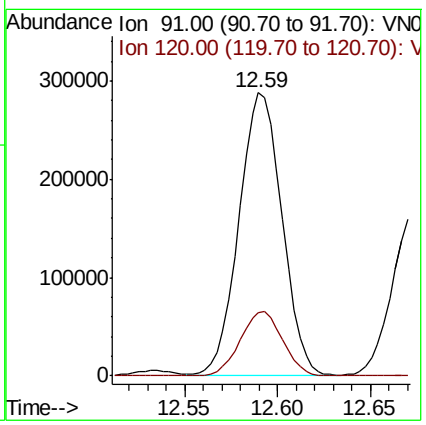


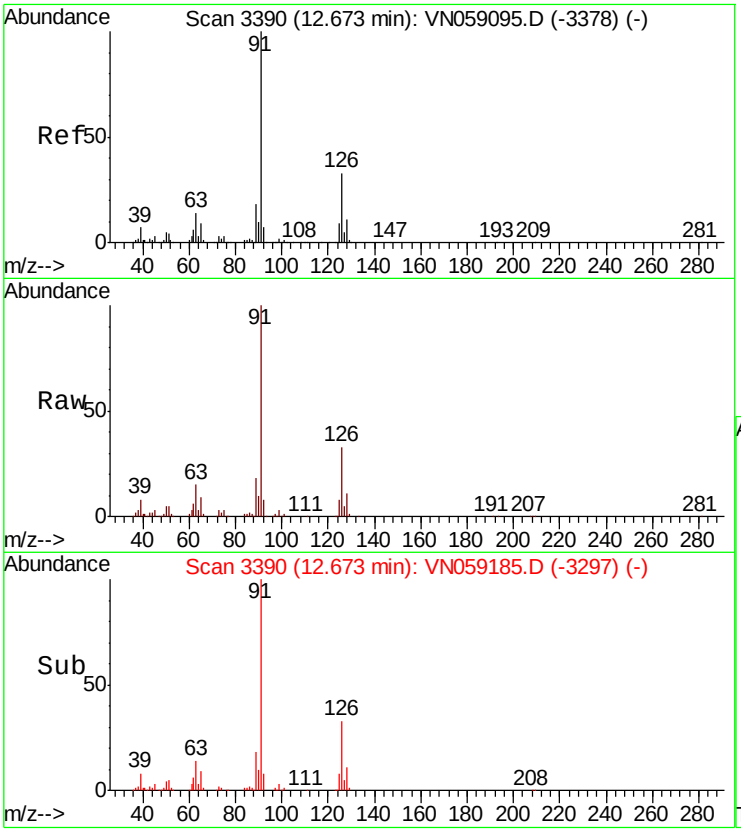


#78
n-propylbenzene
Concen: 21.102 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 91 Resp: 464070

Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.2	33.5



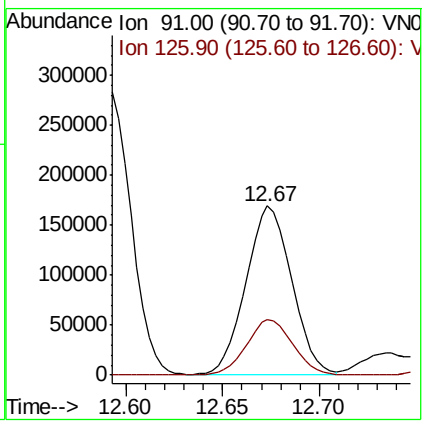


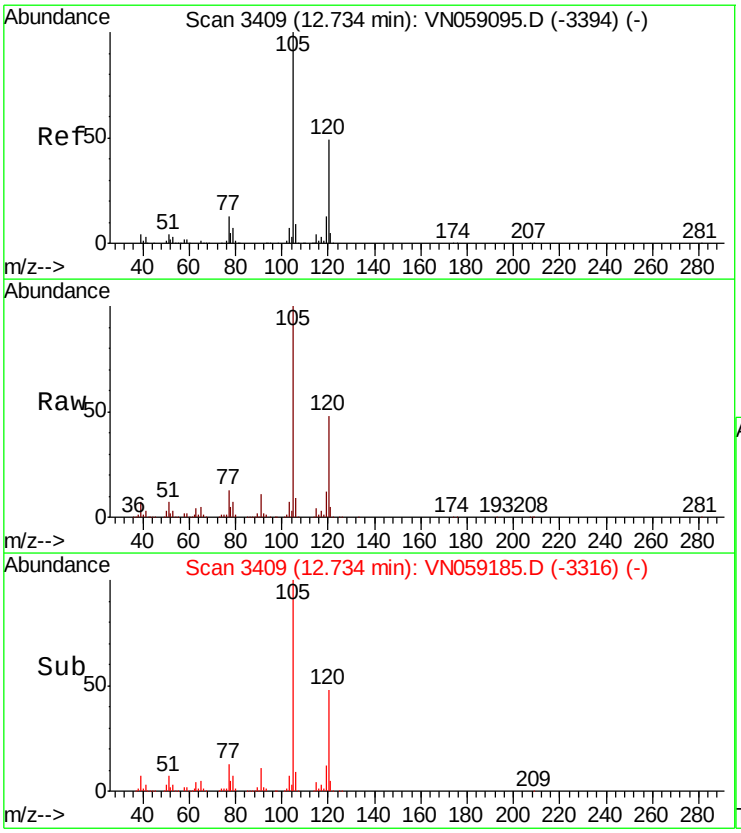
#79
2-Chlorotoluene
Concen: 20.529 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 280069

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.7	50.1

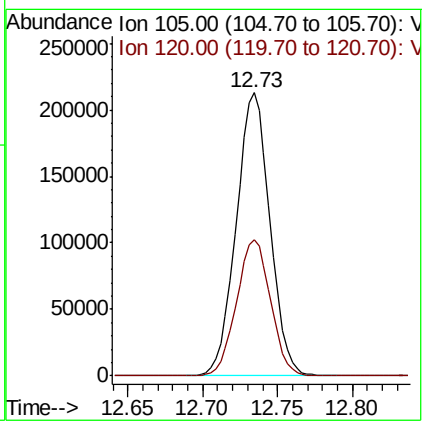


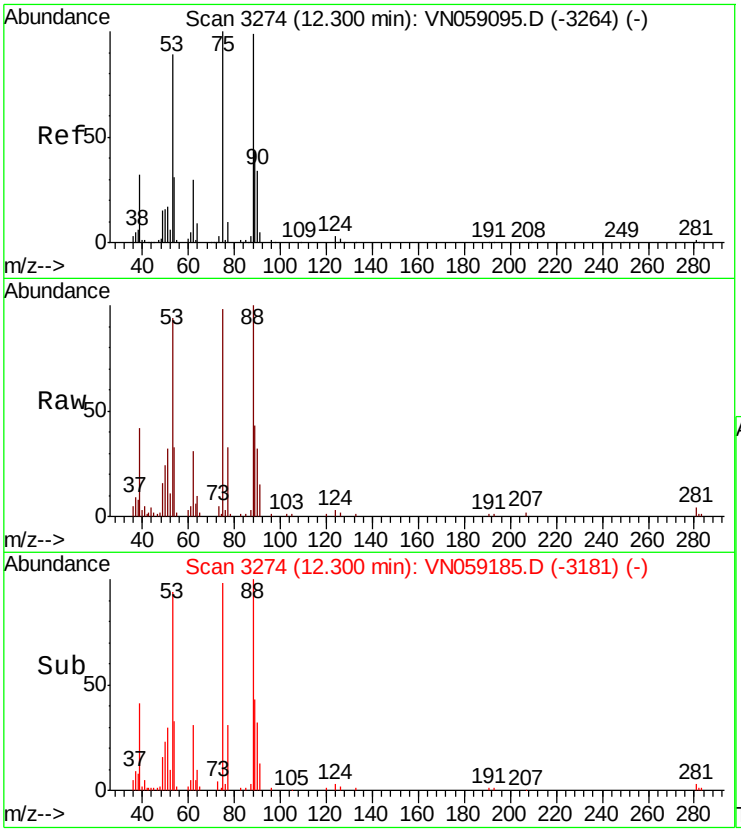


#80
1,3,5-Trimethylbenzene
Concen: 20.513 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:105 Resp: 333850

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.0	72.0



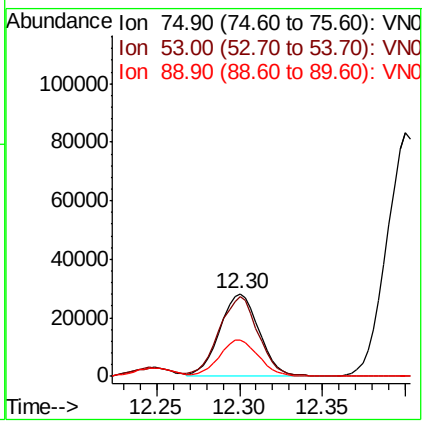


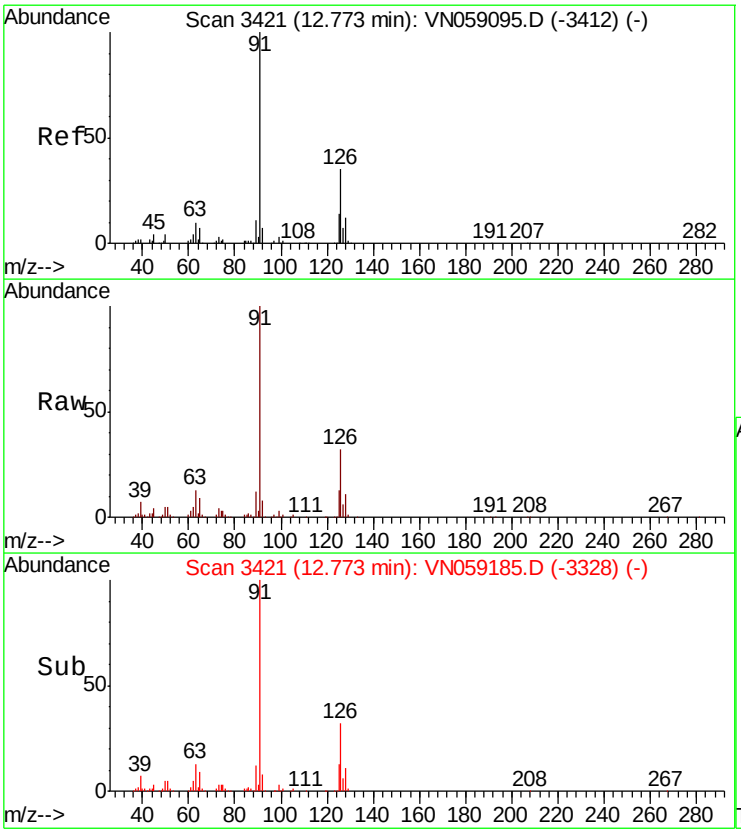
#81
trans-1,4-Dichloro-2-butene
Concen: 20.155 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 45872

Ion	Ratio	Lower	Upper
75	100		
53	98.2	72.2	108.2
89	44.7	35.8	53.8

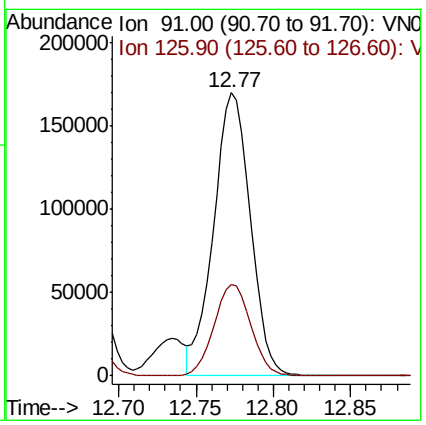


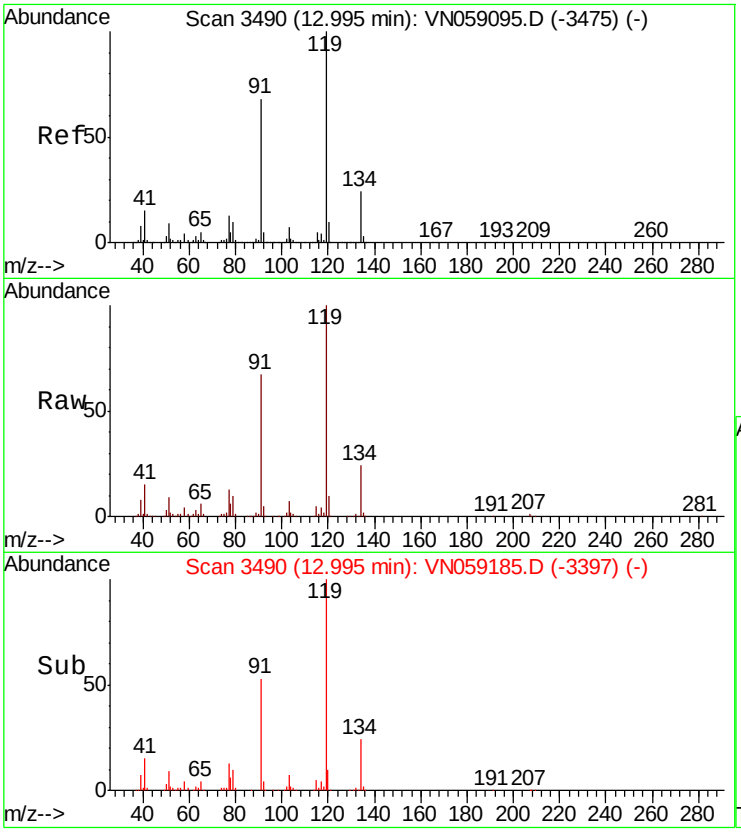


#82
4-Chlorotoluene
Concen: 20.396 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 91 Resp: 279079

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.2



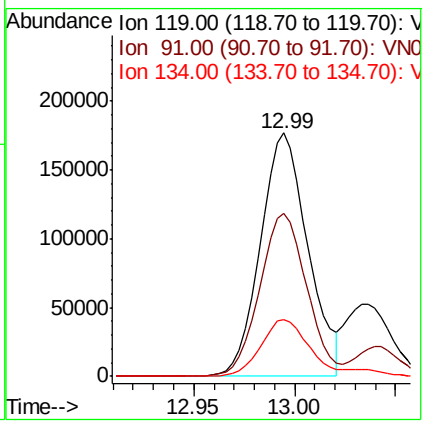


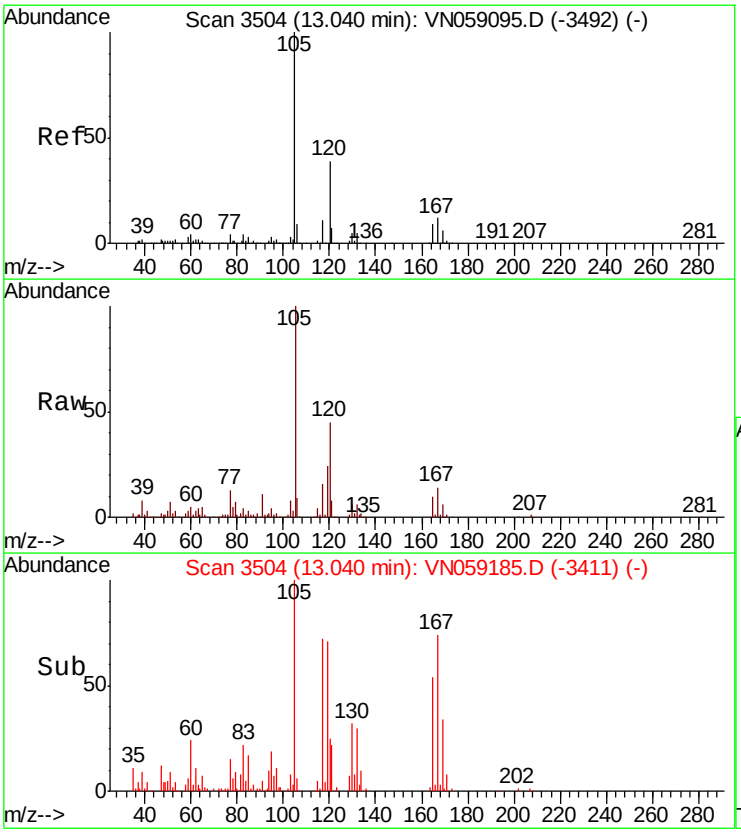
#83
tert-Butylbenzene
Concen: 20.616 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 289748

Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.2	99.6
134	23.4	12.7	38.1

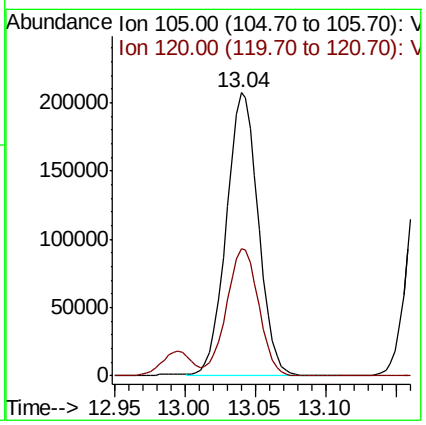


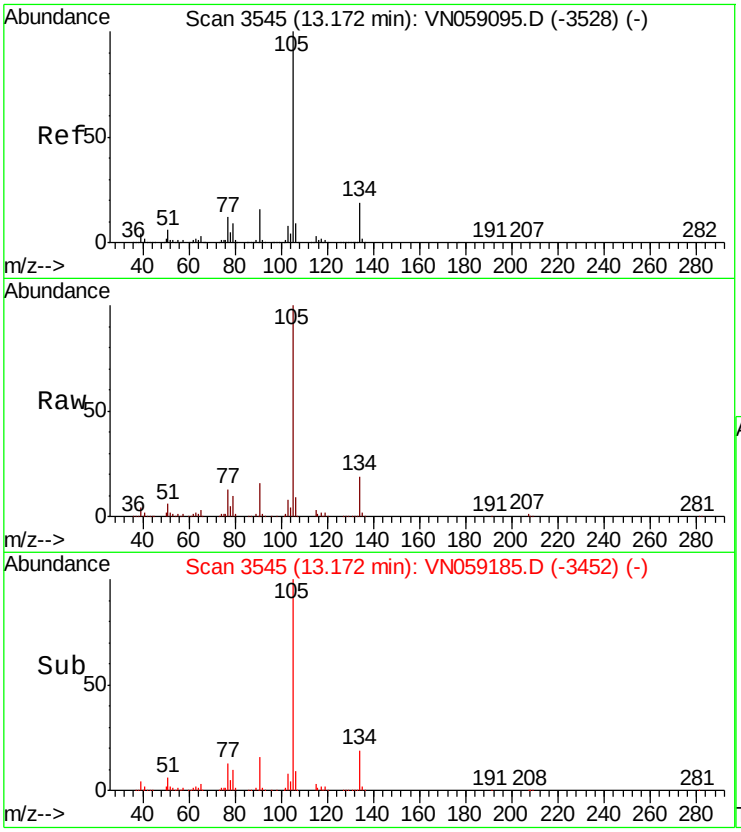


#84
1,2,4-Trimethylbenzene
Concen: 20.824 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:105 Resp: 327887

Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.8	68.4



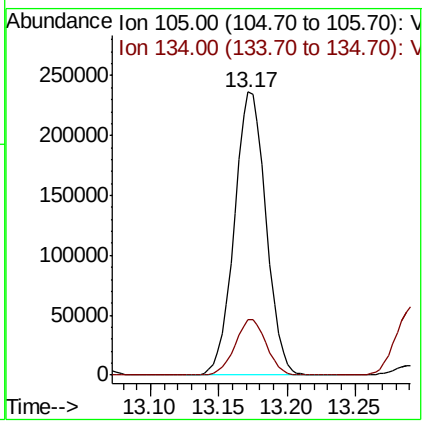


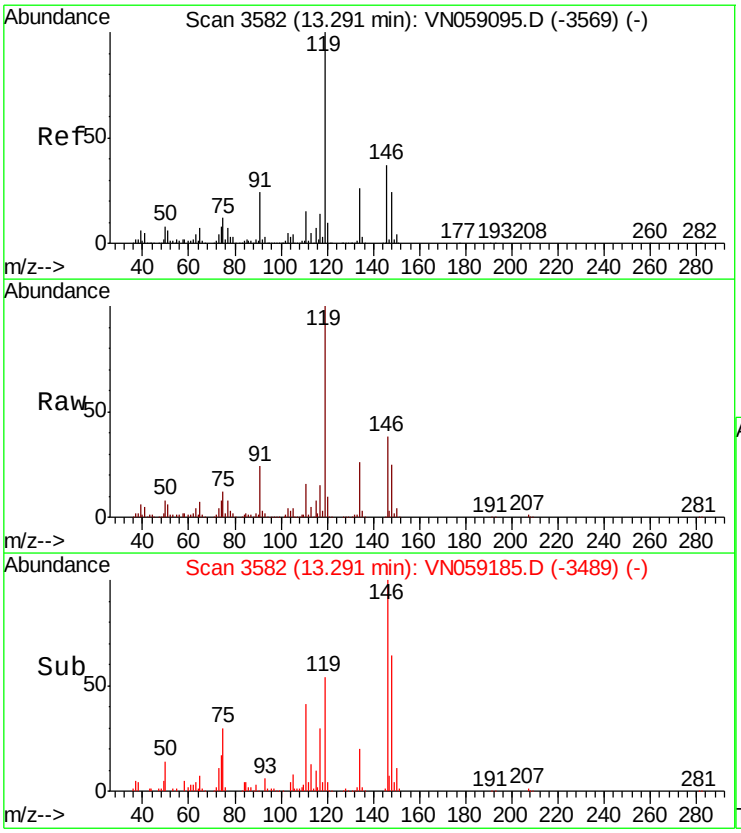
#85
sec-Butylbenzene
Concen: 20.701 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 378392

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.7	29.1

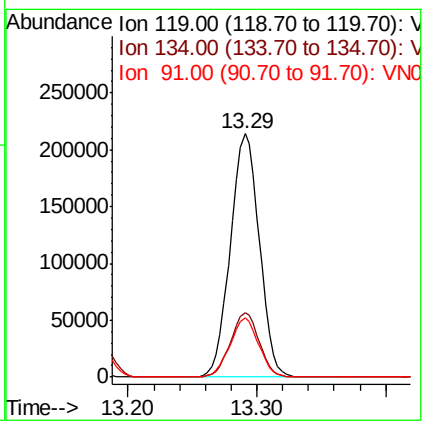


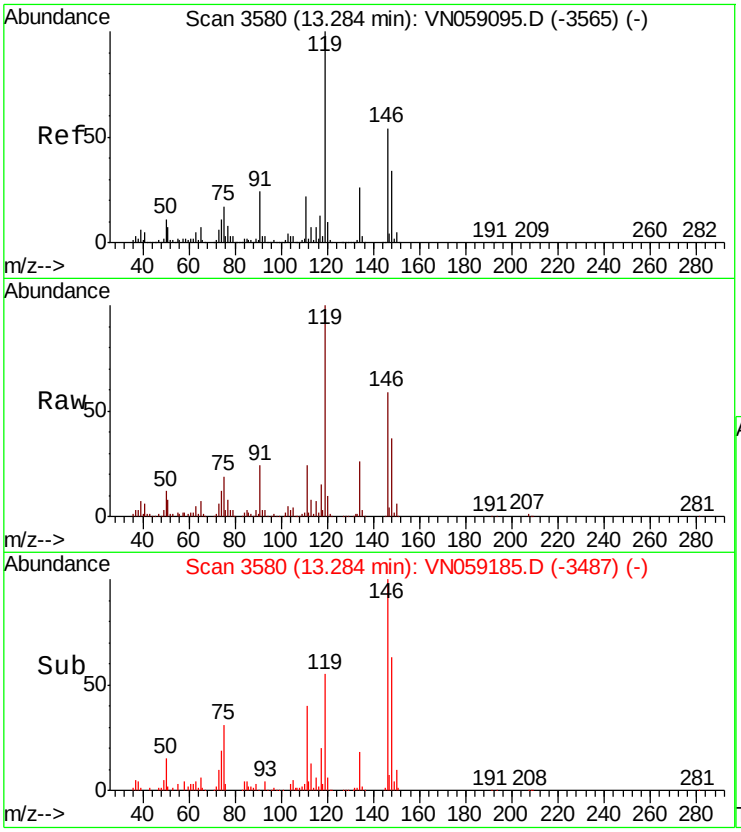


#86
p-Isopropyltoluene
Concen: 20.616 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:119 Resp: 332729

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.0	38.9
91	24.1	11.7	35.1



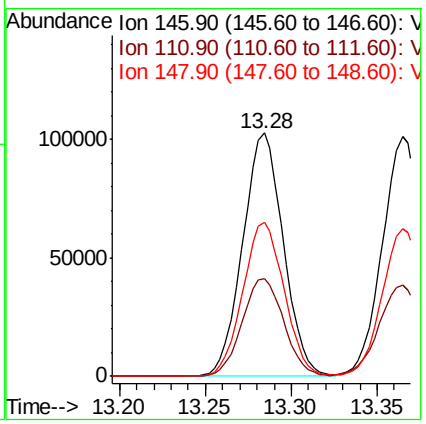


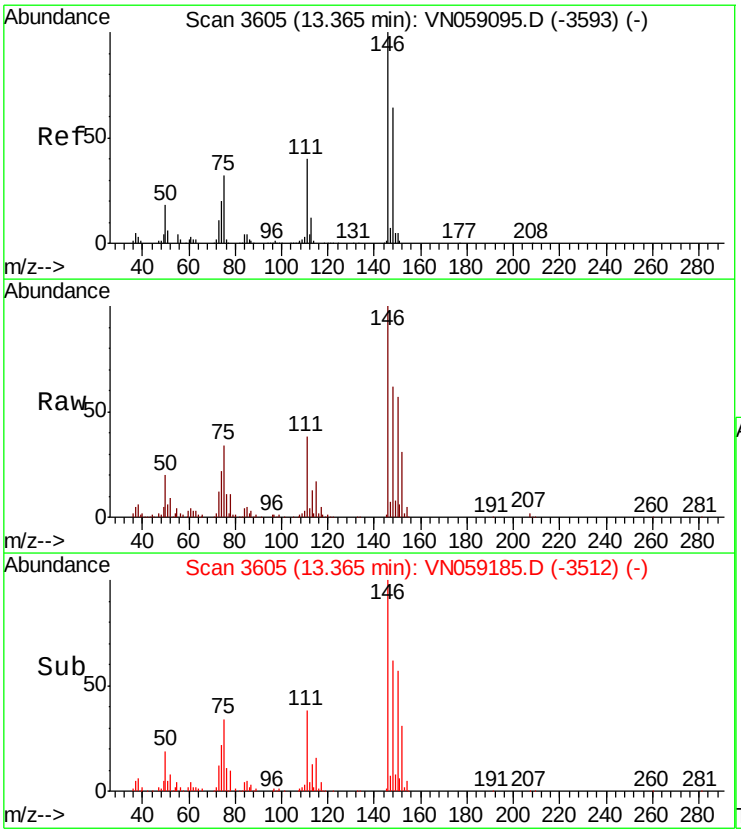
#87
1,3-Dichlorobenzene
Concen: 20.391 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 168499

Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.3
148	64.4	32.2	96.6

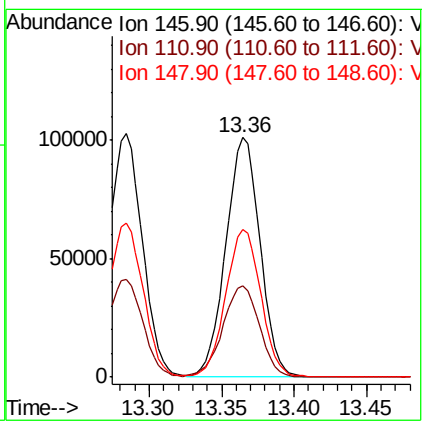


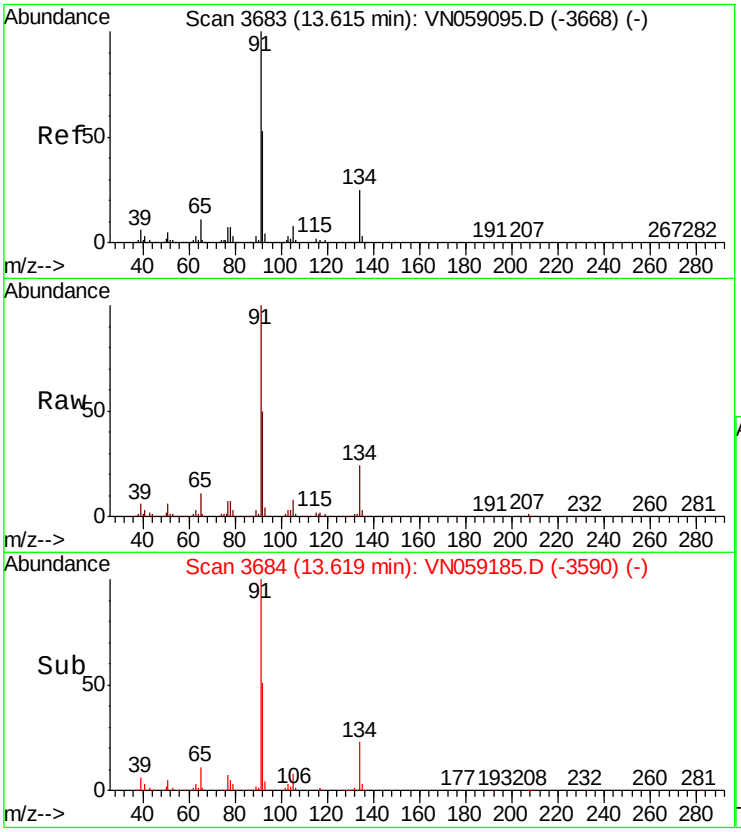


#88
1,4-Dichlorobenzene
Concen: 20.090 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:146 Resp: 166098

Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.9
148	62.8	31.9	95.7



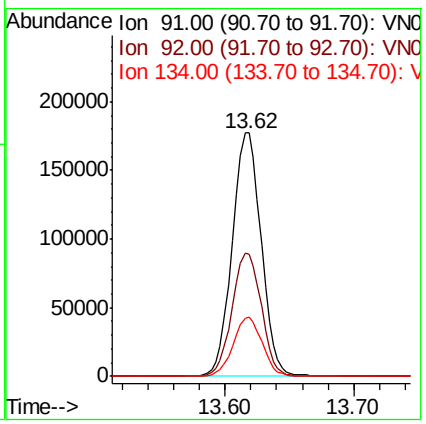


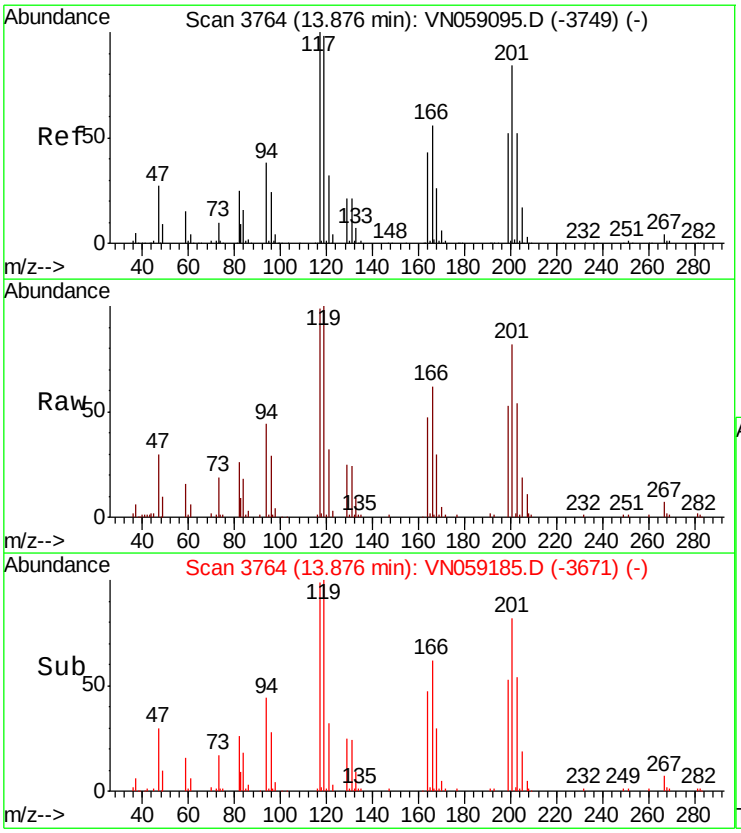
#89
n-Butylbenzene
Concen: 19.620 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 277154

Ion	Ratio	Lower	Upper
91	100		
92	51.2	26.1	78.3
134	24.5	12.6	37.8

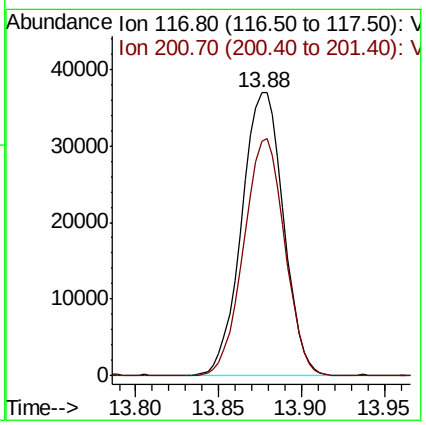


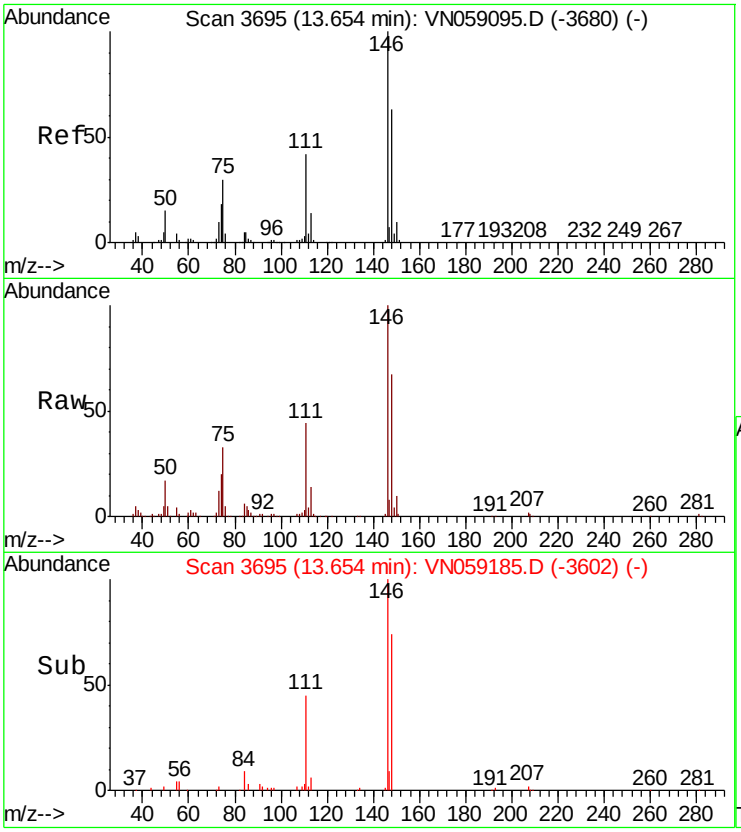


#90
Hexachloroethane
Concen: 20.033 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:117 Resp: 64924

Ion	Ratio	Lower	Upper
117	100		
201	82.0	41.8	125.3



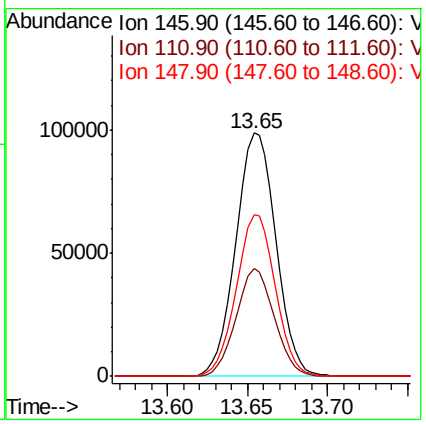


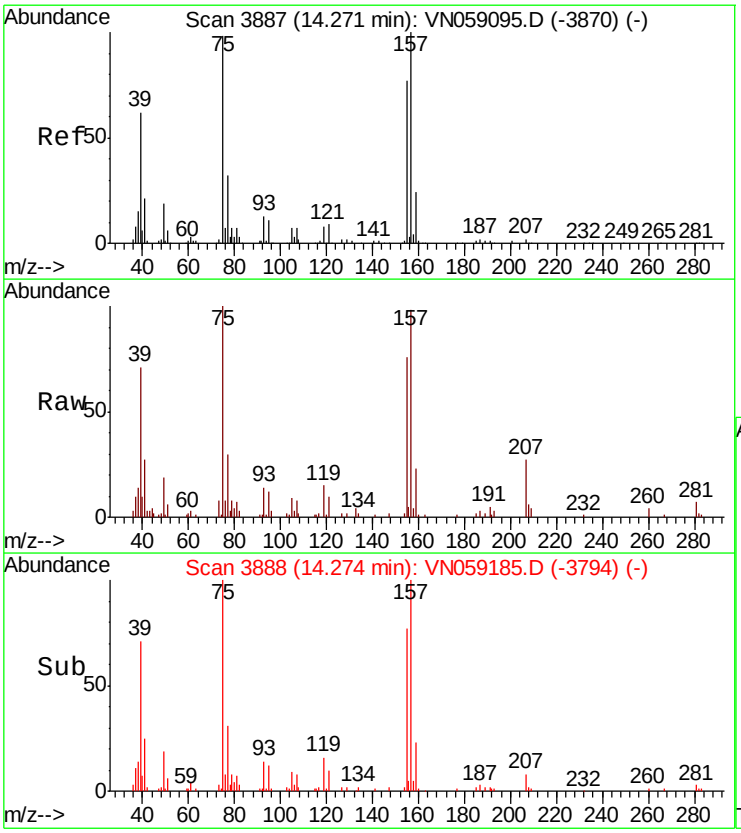
#91
1,2-Dichlorobenzene
Concen: 20.789 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 168990

Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	64.3	31.6	94.7

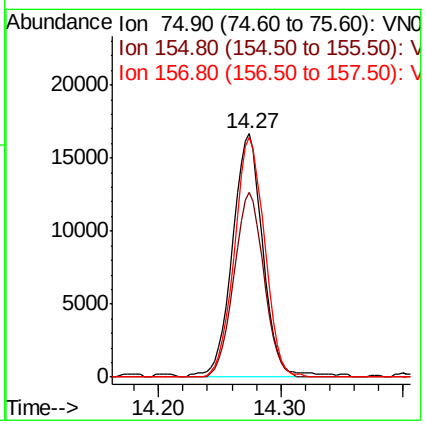


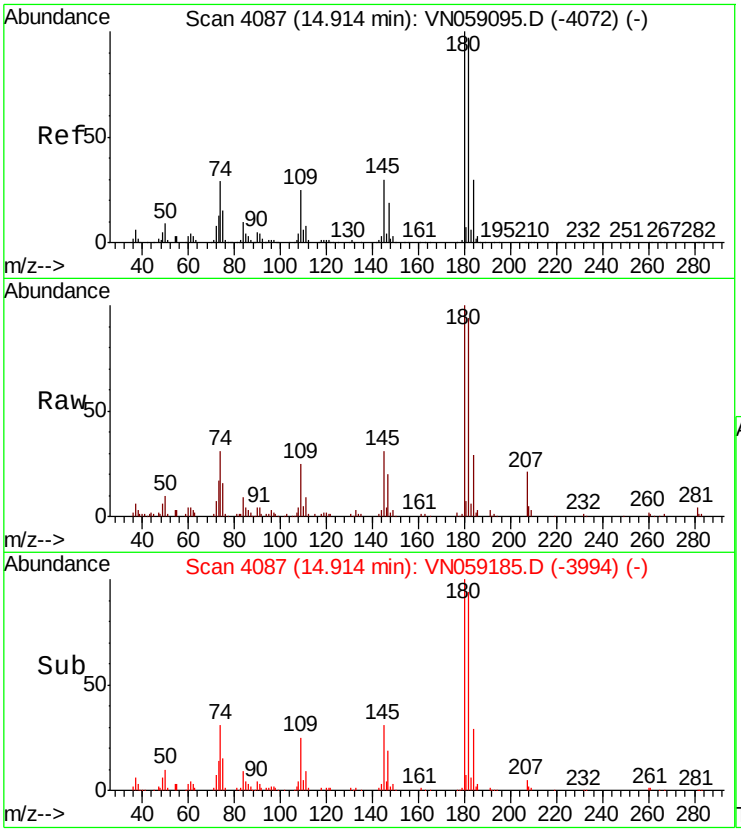


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.117 ug/l
RT: 14.27 min Scan# 3888
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion: 75 Resp: 28842

Ion	Ratio	Lower	Upper
75	100		
155	74.1	40.2	120.6
157	96.6	51.8	155.5



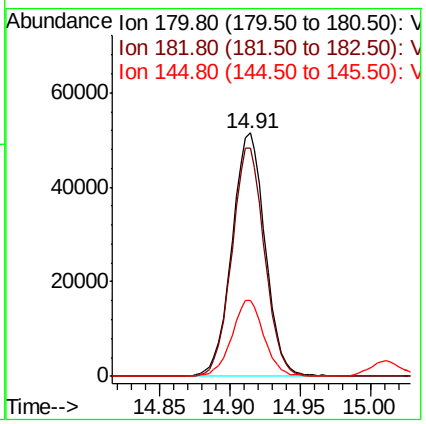


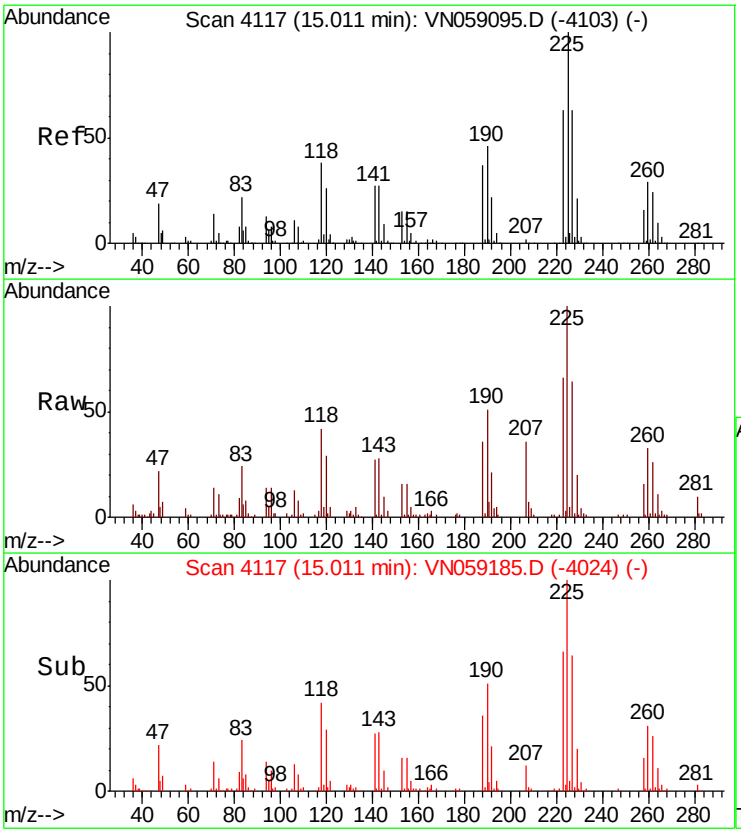
#93
1,2,4-Trichlorobenzene
Concen: 19.177 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 84714

Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.1	144.3
145	30.3	15.1	45.3

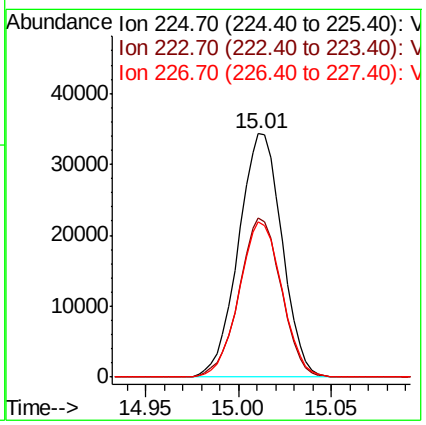


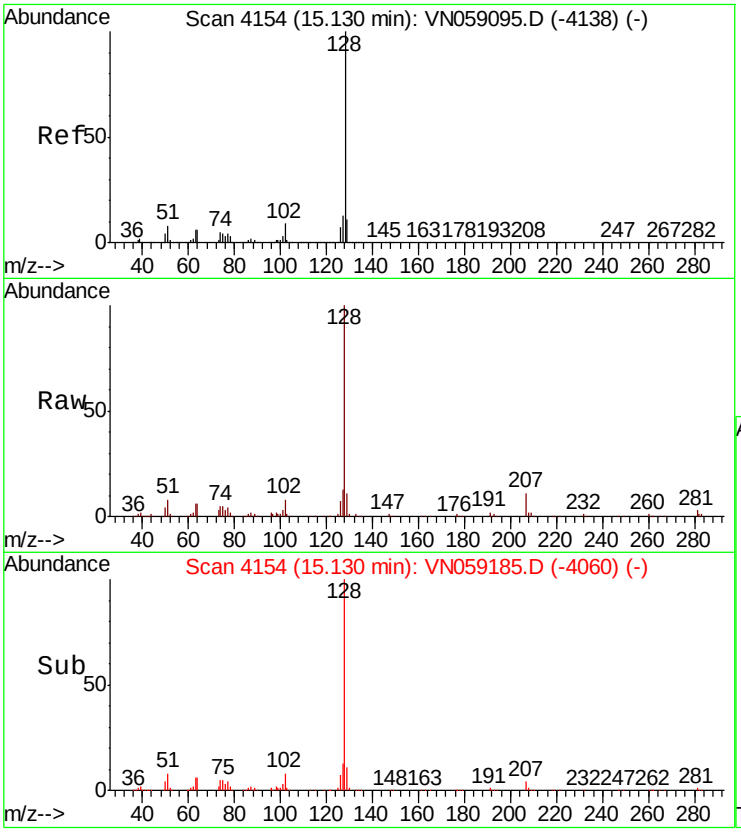


#94
Hexachlorobutadiene
Concen: 19.996 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:225 Resp: 56044

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.3	93.9
227	62.9	31.5	94.5



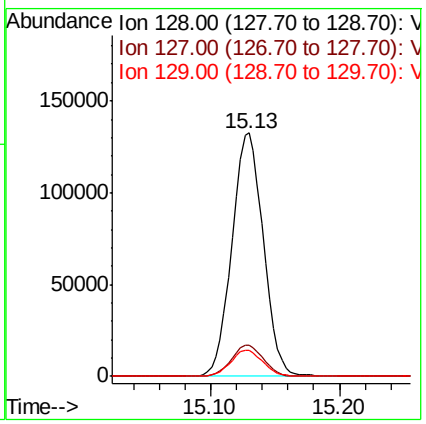


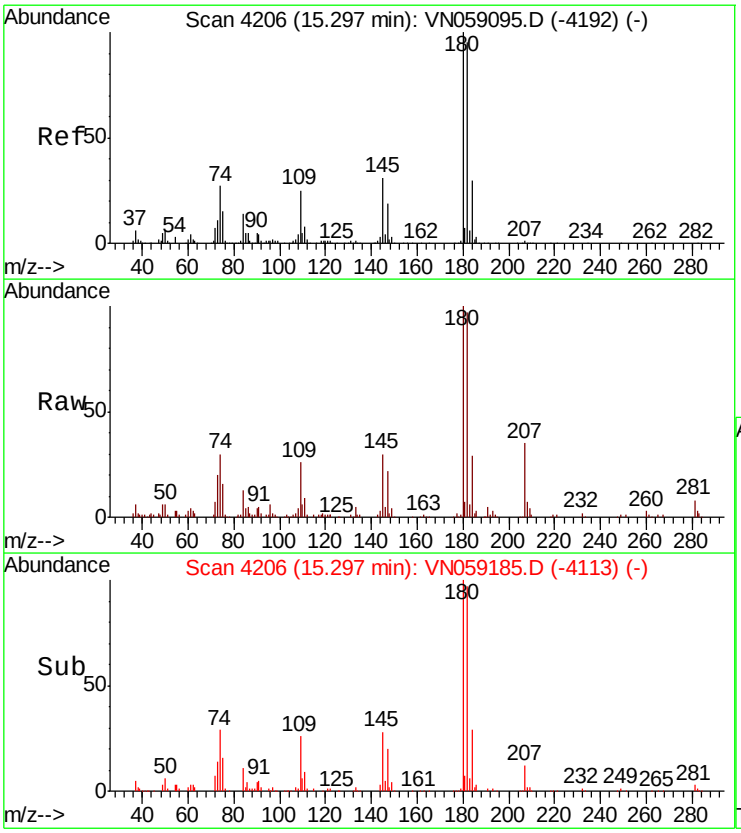
#95
Naphthalene
Concen: 18.447 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Instrument :
MSVOA_N
ClientSampleId :

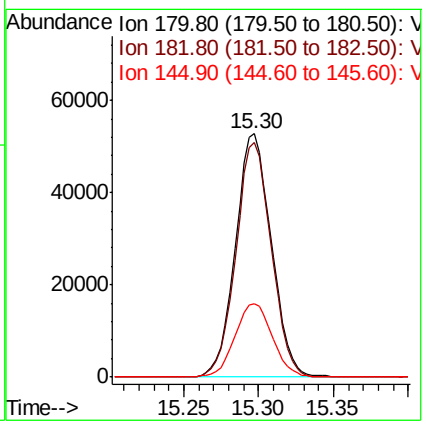
Tgt Ion:128 Resp: 224411

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 19.314 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059185.D
Acq: 12 Nov 2019 13:17

Tgt Ion:180 Resp: 87983

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.8
145	31.6	15.8	47.3