Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
Data File : VN059103.D
Acq On : 6 Nov 2019 13:34
Operator : JC/SP
Sample : VN1106WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

Quant Time: Nov 07 04:19:38 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	488524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	769742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	687805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	299847	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.86%			
35) Dibromofluoromethane	7.57	113	232206	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.04%			
50) Toluene-d8	10.08	98	918174	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.44%			
62) 4-Bromofluorobenzene	12.40	95	321614	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.54%			

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	97886	19.887	ug/l	100
3) Chloromethane	2.04	50	130664	19.529	ug/l	98
4) Vinyl Chloride	2.17	62	129143	19.908	ug/l	99
5) Bromomethane	2.55	94	76166	20.404	ug/l	99
6) Chloroethane	2.68	64	76756	20.003	ug/l	99
7) Trichlorofluoromethane	3.00	101	157334	20.278	ug/l	99
8) Diethyl Ether	3.39	74	64774	20.546	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	94875	20.280	ug/l	100
10) Methyl Iodide	3.93	142	116295	20.083	ug/l	99
11) Tert butyl alcohol	4.75	59	118368	103.427	ug/l	99
12) 1,1-Dichloroethene	3.71	96	91821	20.149	ug/l	99
13) Acrolein	3.58	56	59589	100.988	ug/l	97
14) Allyl chloride	4.30	41	187334	20.012	ug/l	98
15) Acrylonitrile	4.96	53	301180	105.745	ug/l	99
16) Acetone	3.79	43	303417	97.161	ug/l	96
17) Carbon Disulfide	4.03	76	277608	19.624	ug/l	100
18) Methyl Acetate	4.30	43	155452	20.972	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	328470	20.935	ug/l	99
20) Methylene Chloride	4.52	84	109734	20.170	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	99973	20.437	ug/l	97
22) Diisopropyl ether	5.92	45	365792	20.688	ug/l	97
23) Vinyl Acetate	5.87	43	1514870	110.546	ug/l	99
24) 1,1-Dichloroethane	5.82	63	200610	20.314	ug/l	99
25) 2-Butanone	6.81	43	424659	103.180	ug/l	98
26) 2,2-Dichloropropane	6.80	77	167971	19.452	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	115851	20.414	ug/l	100
28) Bromochloromethane	7.17	49	61415	20.670	ug/l	100
29) Tetrahydrofuran	7.19	42	277764	106.215	ug/l	99
30) Chloroform	7.35	83	192784	20.350	ug/l	99
31) Cyclohexane	7.63	56	185544	19.846	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	165248	20.747	ug/l	100
36) 1,1-Dichloropropene	7.77	75	145911	20.280	ug/l	99
37) Ethyl Acetate	6.90	43	155344	19.408	ug/l	96
38) Carbon Tetrachloride	7.75	117	142634	19.918	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
Data File : VN059103.D
Acq On : 6 Nov 2019 13:34
Operator : JC/SP
Sample : VN1106WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

Quant Time: Nov 07 04:19:38 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	171124	20.493 ug/l	98
40) Benzene	8.02	78	445238	20.550 ug/l	99
41) Methacrylonitrile	7.15	41	75480	21.687 ug/l #	100
42) 1,2-Dichloroethane	8.10	62	151628	20.405 ug/l	100
43) Isopropyl Acetate	8.14	43	254972	19.981 ug/l	100
44) Trichloroethene	8.82	130	106817	20.056 ug/l	99
45) 1,2-Dichloropropane	9.10	63	120511	20.478 ug/l	98
46) Dibromomethane	9.19	93	73959	20.168 ug/l	99
47) Bromodichloromethane	9.39	83	151669	20.712 ug/l	100
48) Methyl methacrylate	9.18	41	114586	20.076 ug/l	99
49) 1,4-Dioxane	9.18	88	42492	418.910 ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	813064	112.610 ug/l	99
52) Toluene	10.15	92	264890	20.398 ug/l	100
53) t-1,3-Dichloropropene	10.37	75	168345	19.898 ug/l	97
54) cis-1,3-Dichloropropene	9.83	75	185595	20.394 ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	107904	20.531 ug/l	98
56) Ethyl methacrylate	10.42	69	163569	19.834 ug/l	100
57) 1,3-Dichloropropane	10.70	76	184376	20.383 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	329149	112.535 ug/l	100
59) 2-Hexanone	10.74	43	604655	109.107 ug/l	100
60) Dibromochloromethane	10.90	129	111990	20.154 ug/l	100
61) 1,2-Dibromoethane	11.00	107	107433	20.193 ug/l	99
64) Tetrachloroethene	10.63	164	96479	20.629 ug/l	96
65) Chlorobenzene	11.43	112	281439	20.990 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	104419	20.761 ug/l	99
67) Ethyl Benzene	11.51	91	503034	21.146 ug/l	99
68) m/p-Xylenes	11.62	106	366482	41.127 ug/l	98
69) o-Xylene	11.95	106	175545	20.385 ug/l	99
70) Styrene	11.96	104	280642	20.721 ug/l	99
71) Bromoform	12.13	173	78269	20.006 ug/l #	98
73) Isopropylbenzene	12.25	105	478449	21.251 ug/l	100
74) N-amyl acetate	12.07	43	203177	21.297 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	161605	21.078 ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	145968m	20.715 ug/l	
77) Bromobenzene	12.53	156	113917	20.139 ug/l	98
78) n-propylbenzene	12.59	91	549529	21.317 ug/l	100
79) 2-Chlorotoluene	12.67	91	328583	20.547 ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	401373	21.039 ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	54212	20.320 ug/l	97
82) 4-Chlorotoluene	12.77	91	333771	20.810 ug/l	99
83) tert-Butylbenzene	12.99	119	343144	20.829 ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	395647	21.436 ug/l	98
85) sec-Butylbenzene	13.17	105	448654	20.940 ug/l	99
86) p-Isopropyltoluene	13.29	119	404246	21.368 ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	199392	20.585 ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	195948	20.219 ug/l	99
89) n-Butylbenzene	13.62	91	341215	20.607 ug/l	99
90) Hexachloroethane	13.88	117	74947	19.729 ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	199604	20.948 ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32571	21.308 ug/l	94

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
Data File : VN059103.D
Acq On : 6 Nov 2019 13:34
Operator : JC/SP
Sample : VN1106WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

Quant Time: Nov 07 04:19:38 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	101067	19.464 ug/l	98
94) Hexachlorobutadiene	15.01	225	64222	19.548 ug/l	100
95) Naphthalene	15.13	128	285809	19.780 ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	107398	20.112 ug/l	100

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

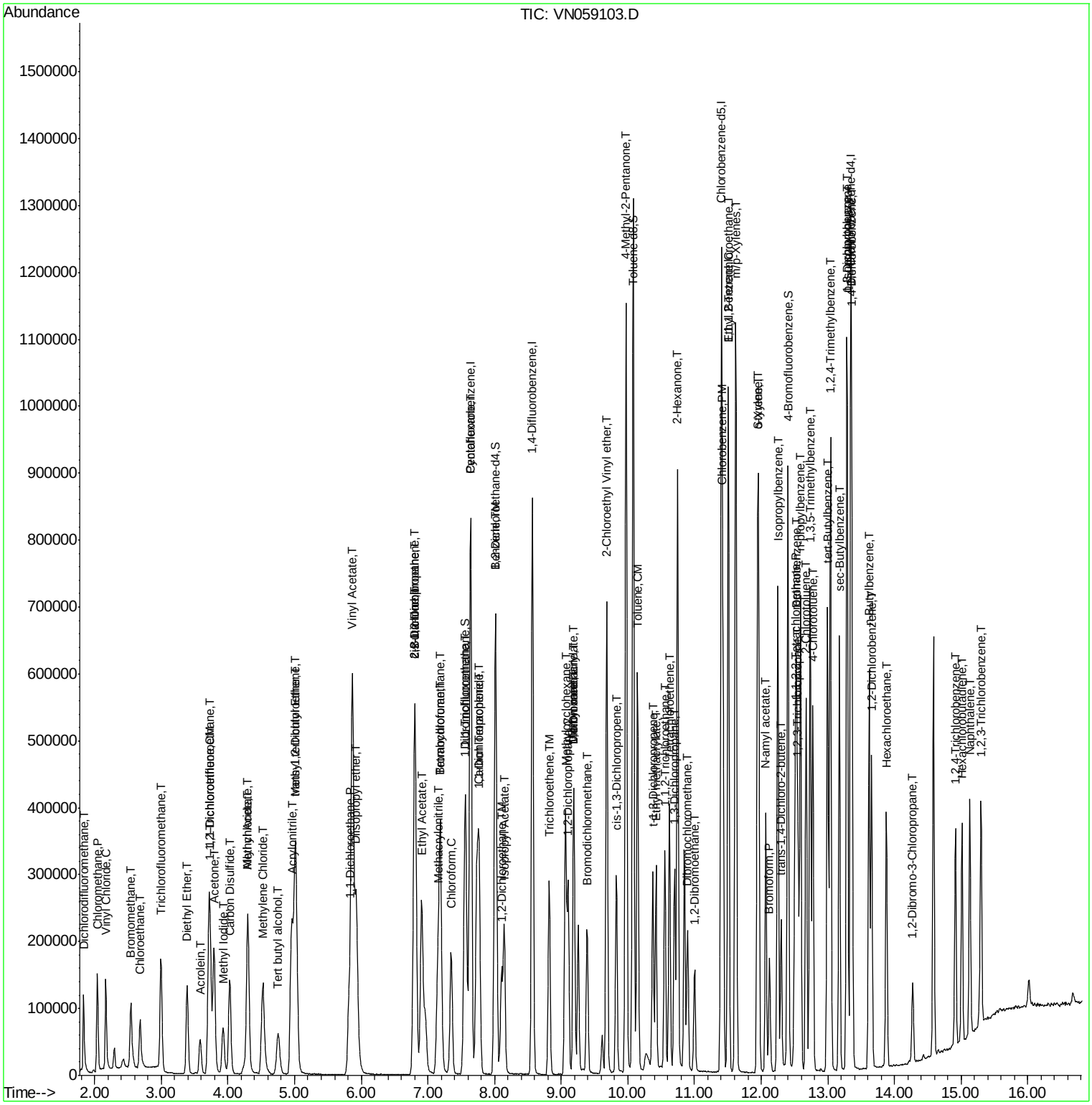
Quantitation Report (QT Reviewed)

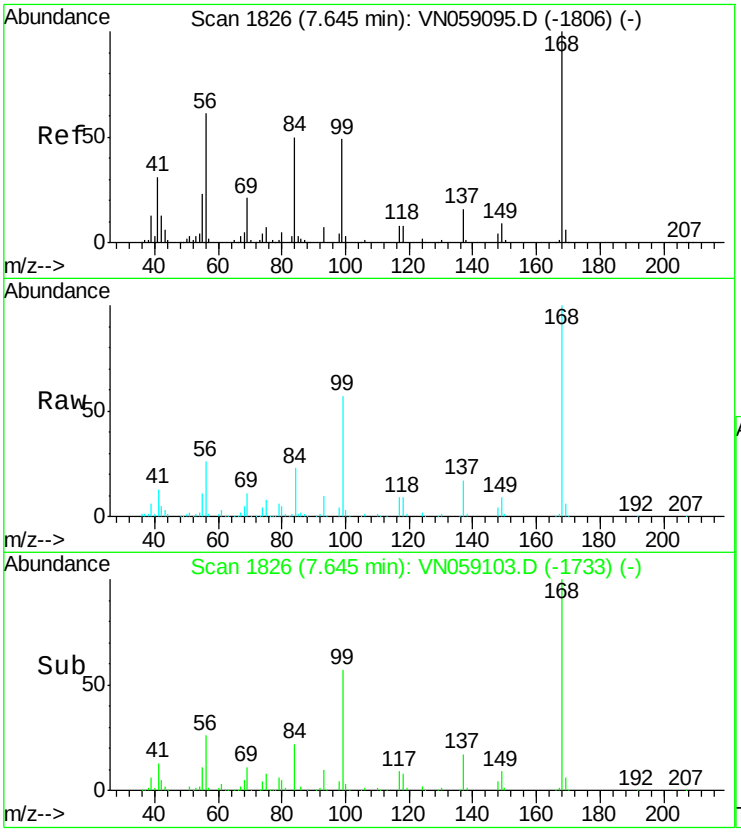
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110619\
Data File : VN059103.D
Acq On : 6 Nov 2019 13:34
Operator : JC/SP
Sample : VN1106WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 07 04:19:38 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

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM





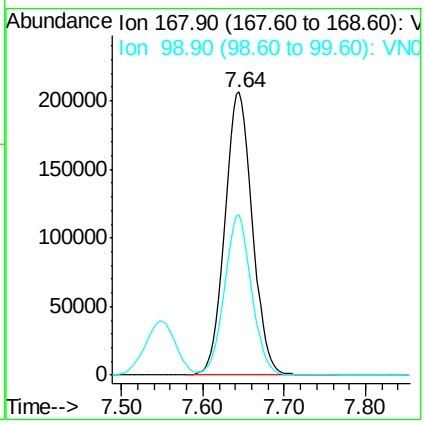
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

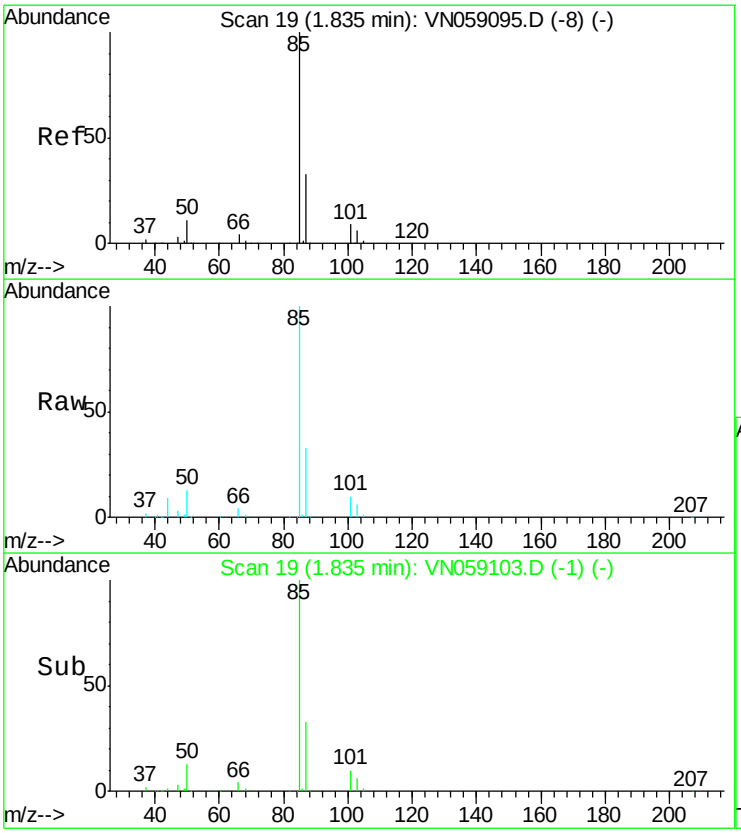
Tgt Ion:168 Resp: 488524

Ion	Ratio	Lower	Upper
168	100		
99	56.7	45.7	68.5

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

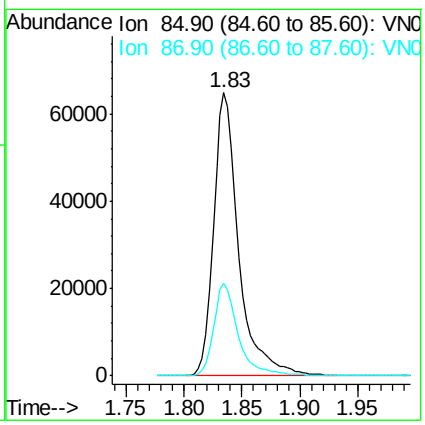


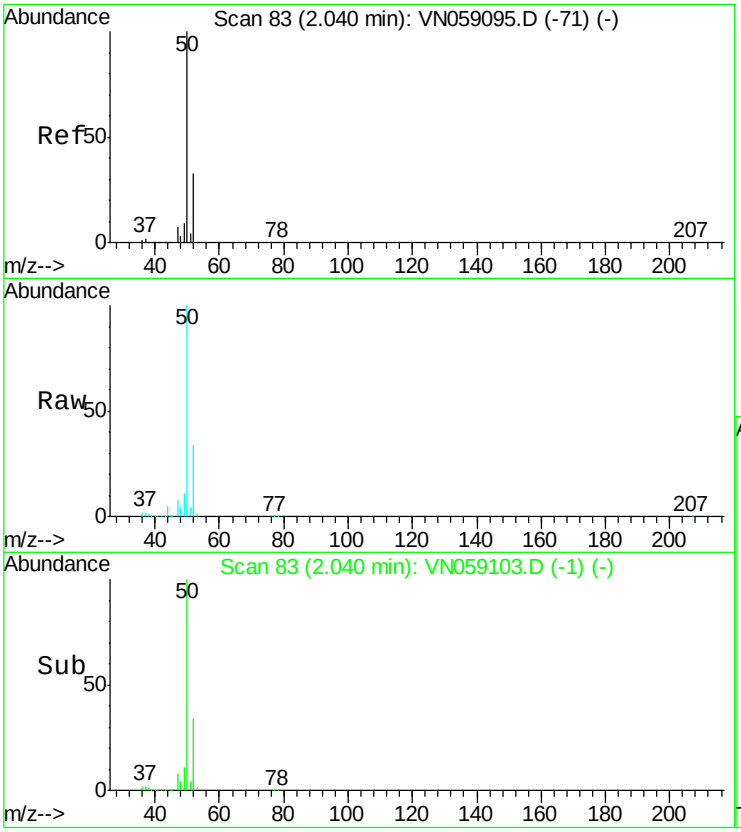


#2
Dichlorodifluoromethane
Concen: 19.887 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 85 Resp: 97886

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.3	48.9





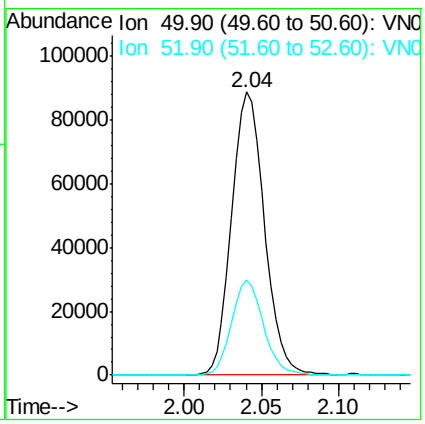
#3
Chloromethane
Concen: 19.529 ug/l
RT: 2.04 min Scan# 83
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

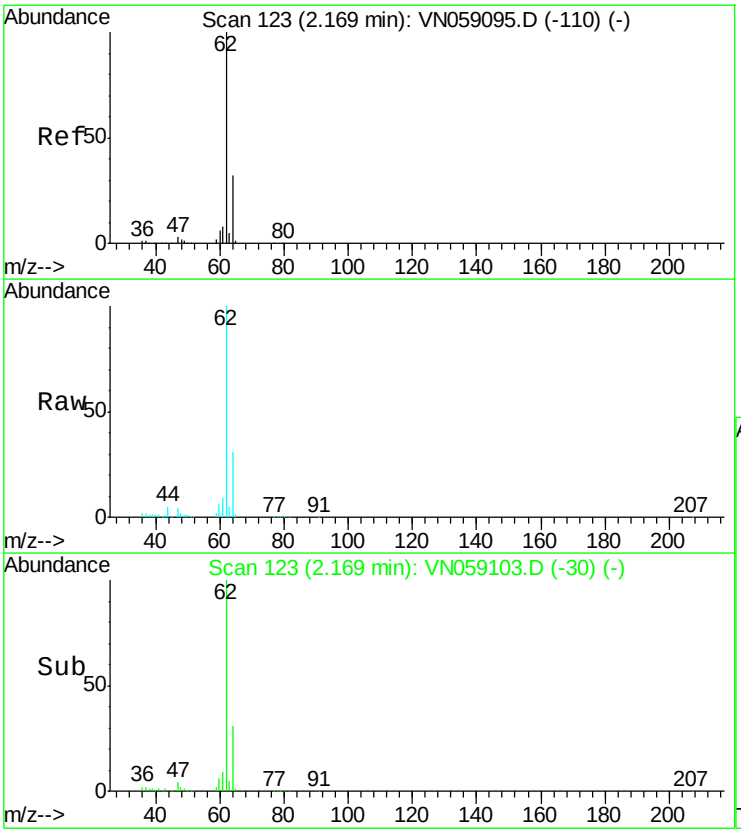
Tgt Ion: 50 Resp: 130664

Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

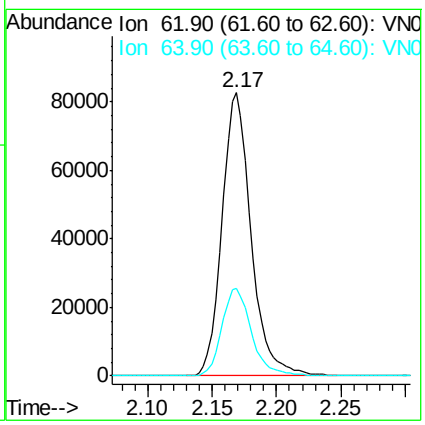


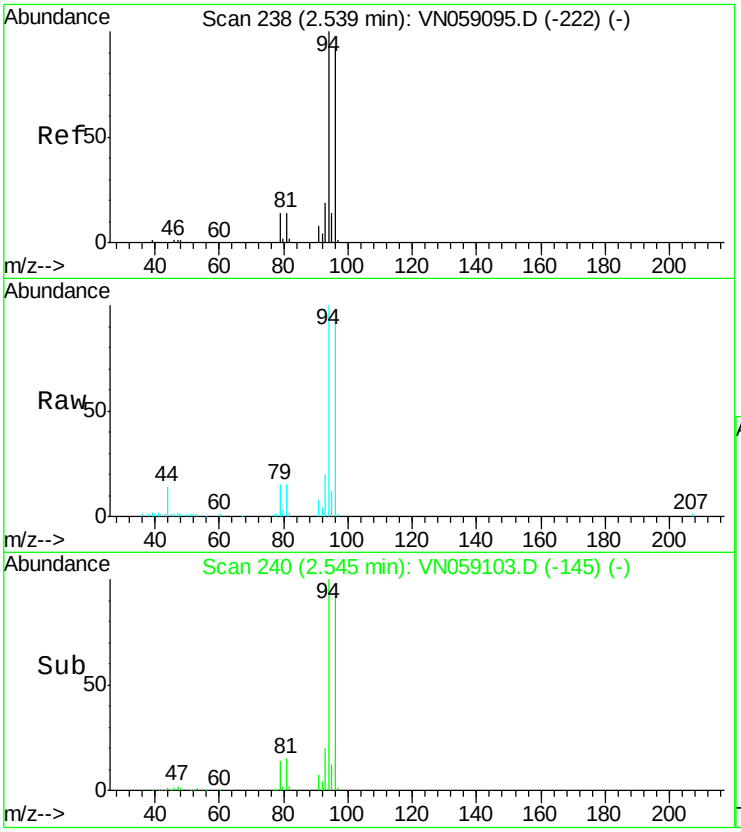


#4
Vinyl Chloride
Concen: 19.908 ug/l
RT: 2.17 min Scan# 123
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 62 Resp: 129143

Ion	Ratio	Lower	Upper
62	100		
64	31.1	25.4	38.2





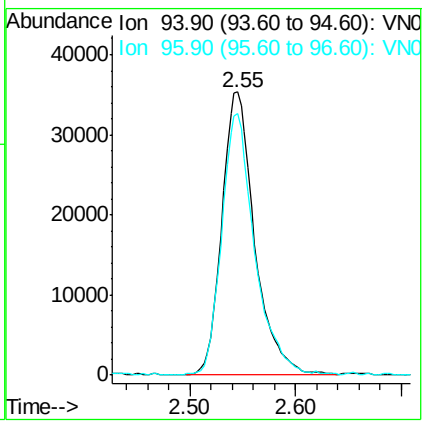
#5
Bromomethane
Concen: 20.404 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

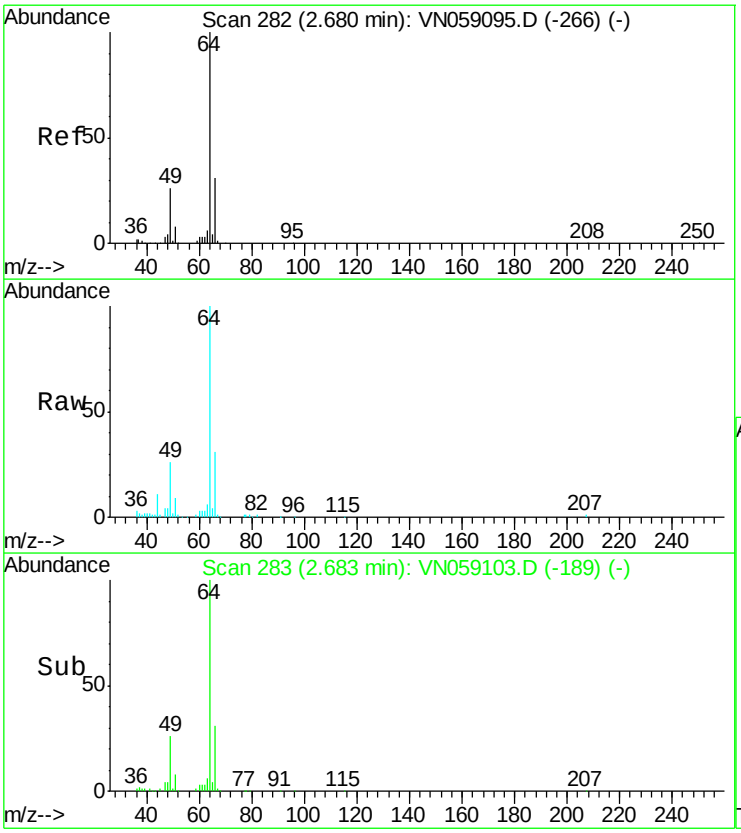
Tgt Ion: 94 Resp: 76166

Ion	Ratio	Lower	Upper
94	100		
96	92.0	74.2	111.2

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

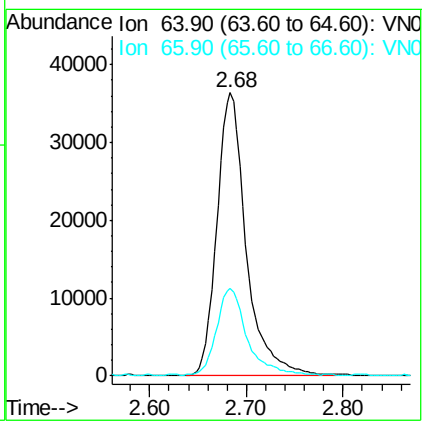


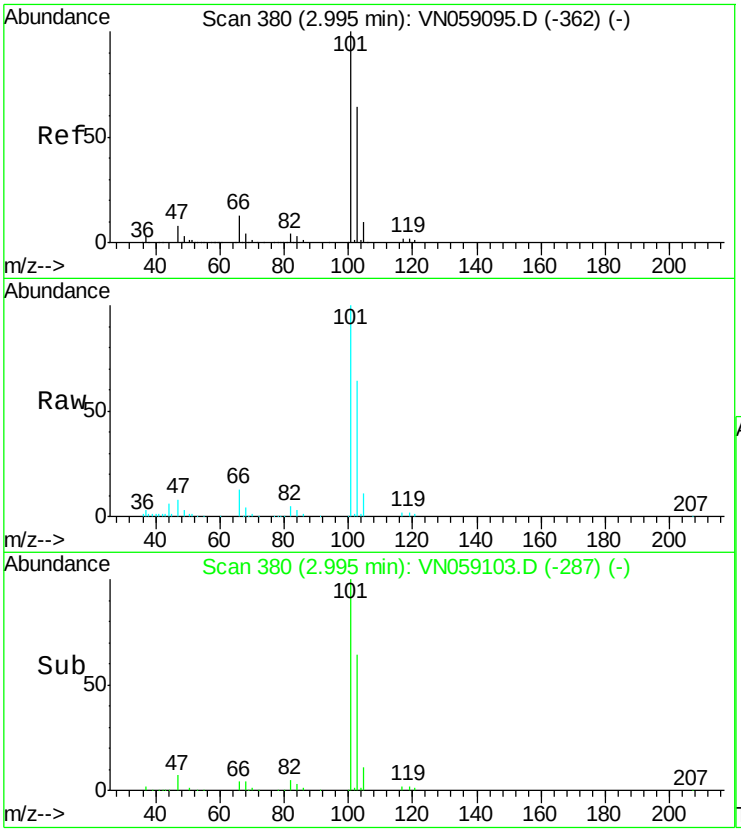


#6
Chloroethane
Concen: 20.003 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 64 Resp: 76756

Ion	Ratio	Lower	Upper
64	100		
66	30.7	25.2	37.8





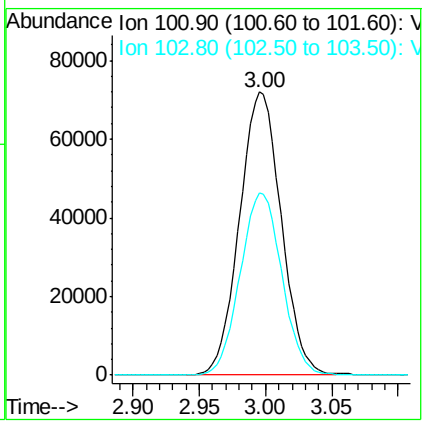
#7
Trichlorofluoromethane
Concen: 20.278 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

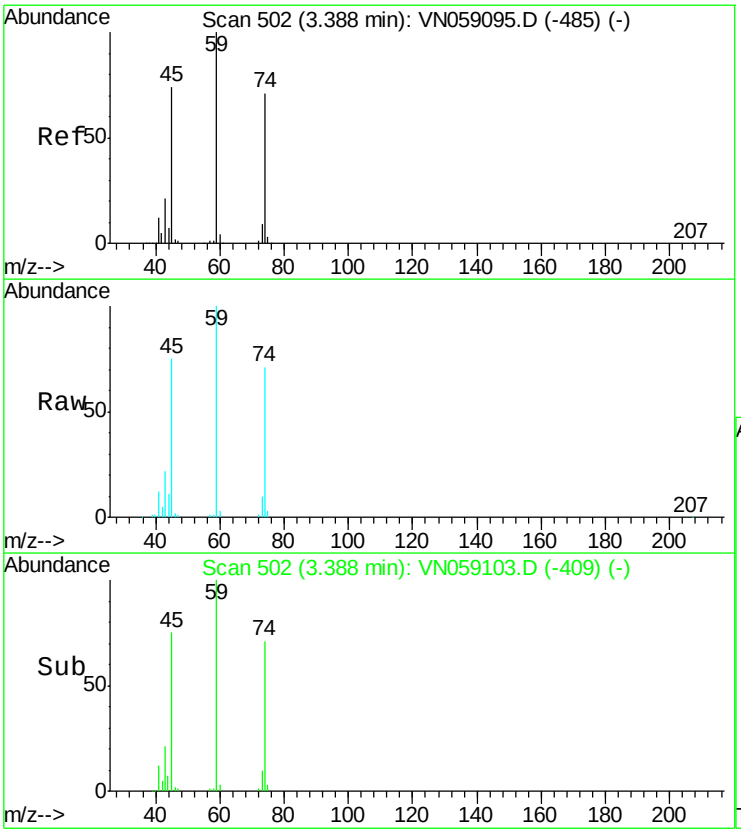
Tgt Ion:101 Resp: 157334

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.2	76.8

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

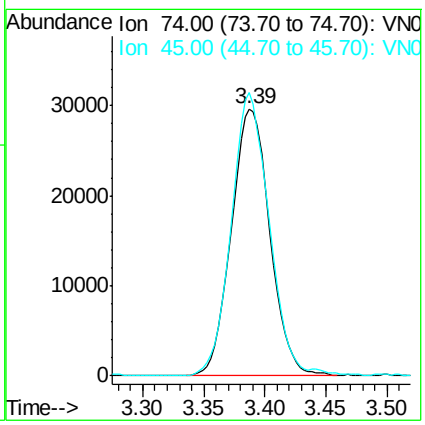


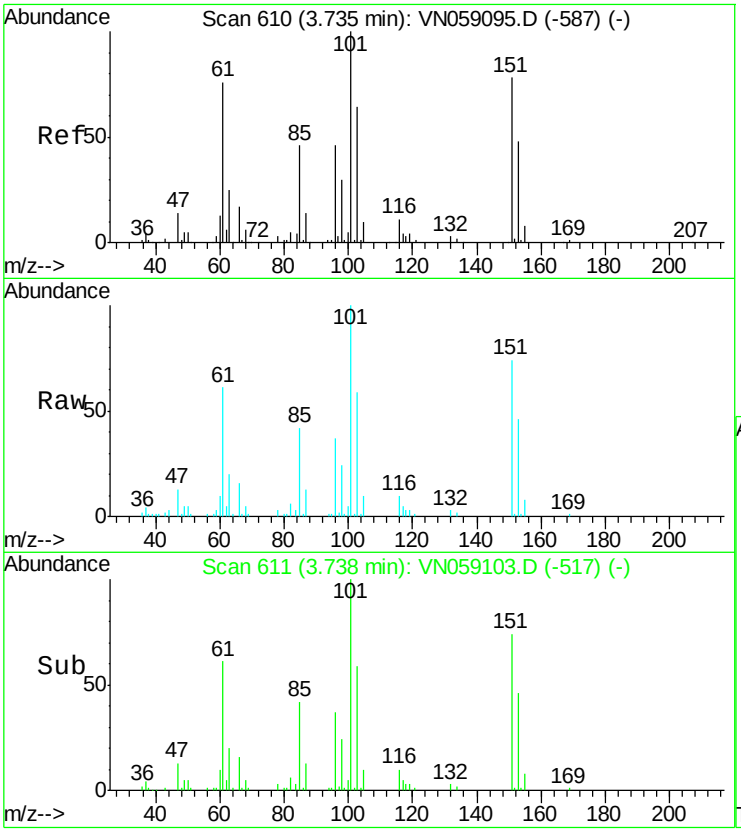


#8
Diethyl Ether
Concen: 20.546 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 74 Resp: 64774

Ion	Ratio	Lower	Upper
74	100		
45	104.7	51.6	154.9





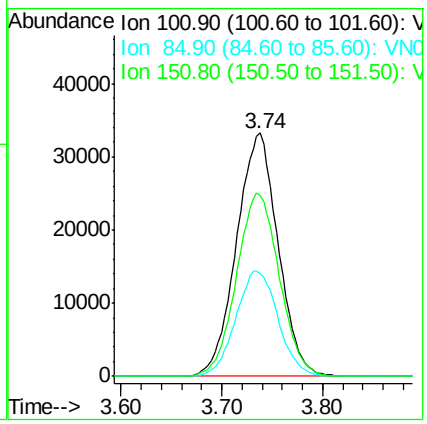
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.280 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

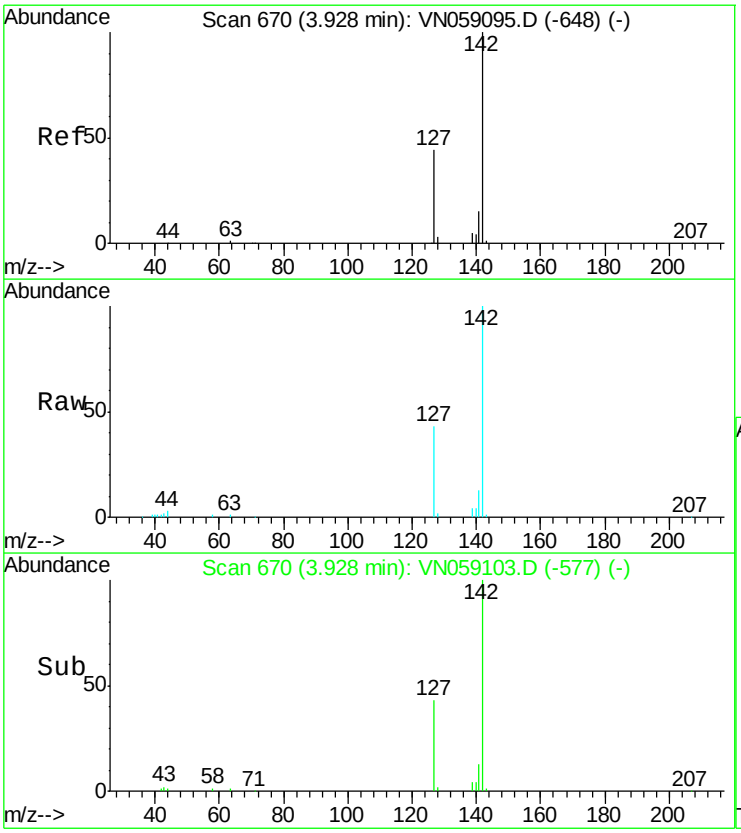
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

Tgt Ion:101 Resp: 94875

Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	77.5	62.2	93.2

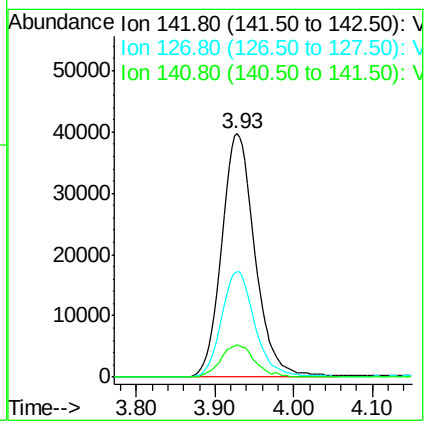


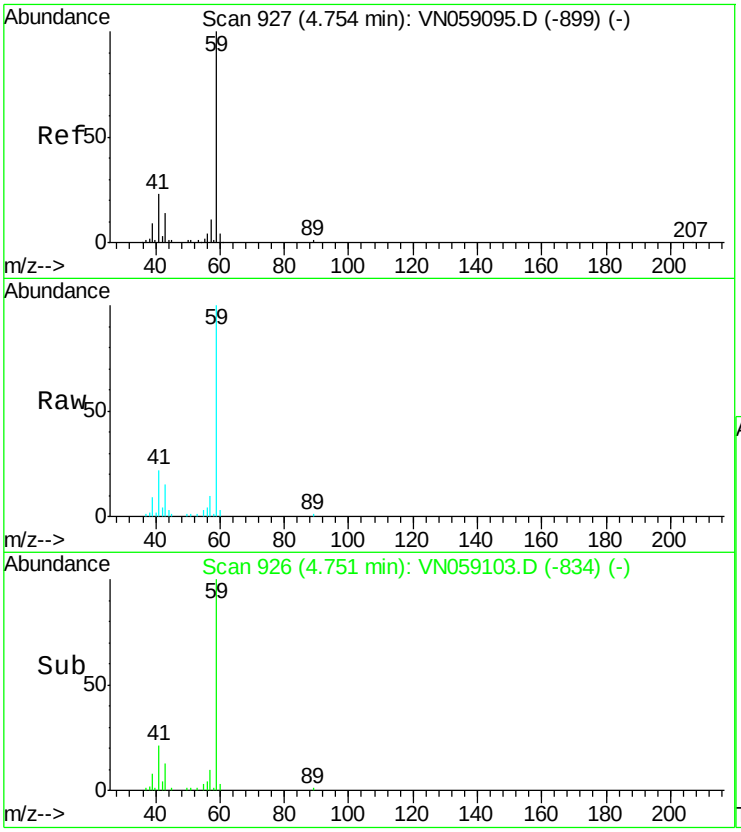


#10
Methyl Iodide
Concen: 20.083 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:142 Resp: 116295

Ion	Ratio	Lower	Upper
142	100		
127	43.0	34.2	51.2
141	13.4	11.4	17.0





#11
Tert butyl alcohol
Concen: 103.427 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 59 Resp: 118368

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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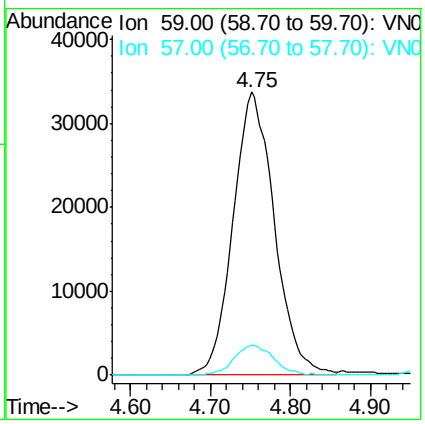
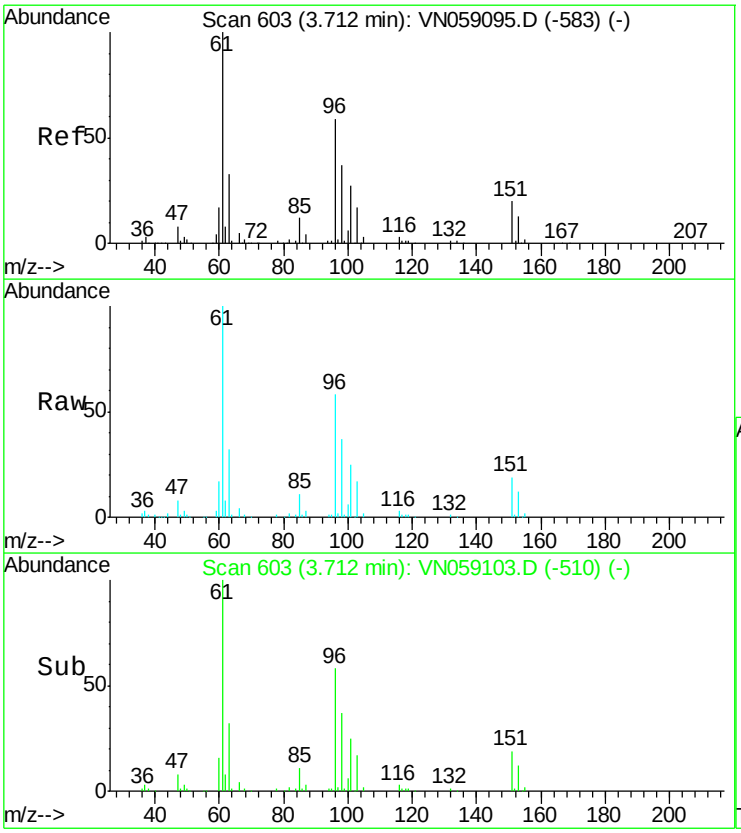
MMDadoda
11/7/2019 9:16:32 AM

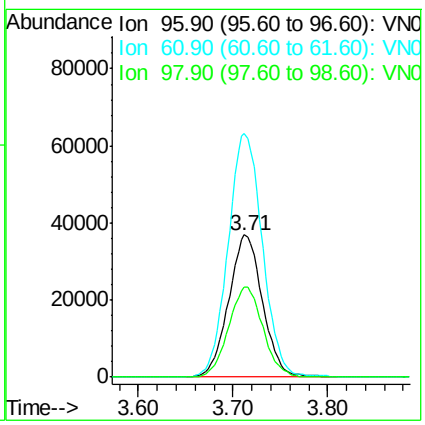


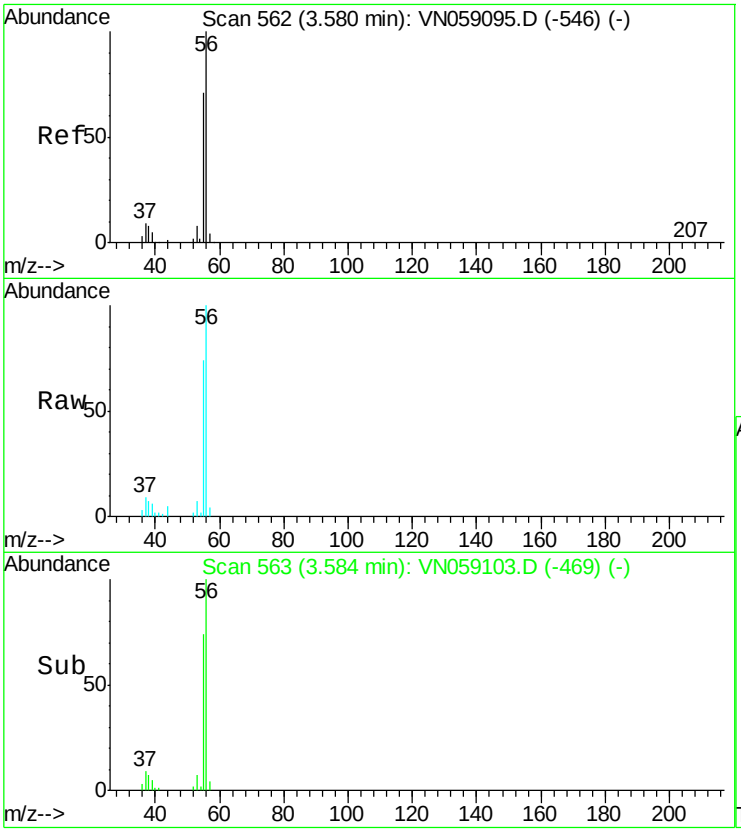


#12
1,1-Dichloroethene
Concen: 20.149 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 96 Resp: 91821

Ion	Ratio	Lower	Upper
96	100		
61	171.2	136.5	204.7
98	63.4	50.2	75.4





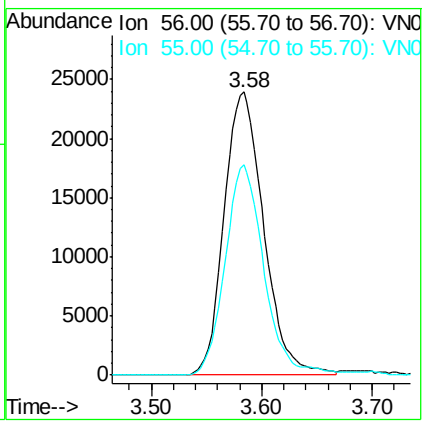
#13
Acrolein
Concen: 100.988 ug/l
RT: 3.58 min Scan# 563
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

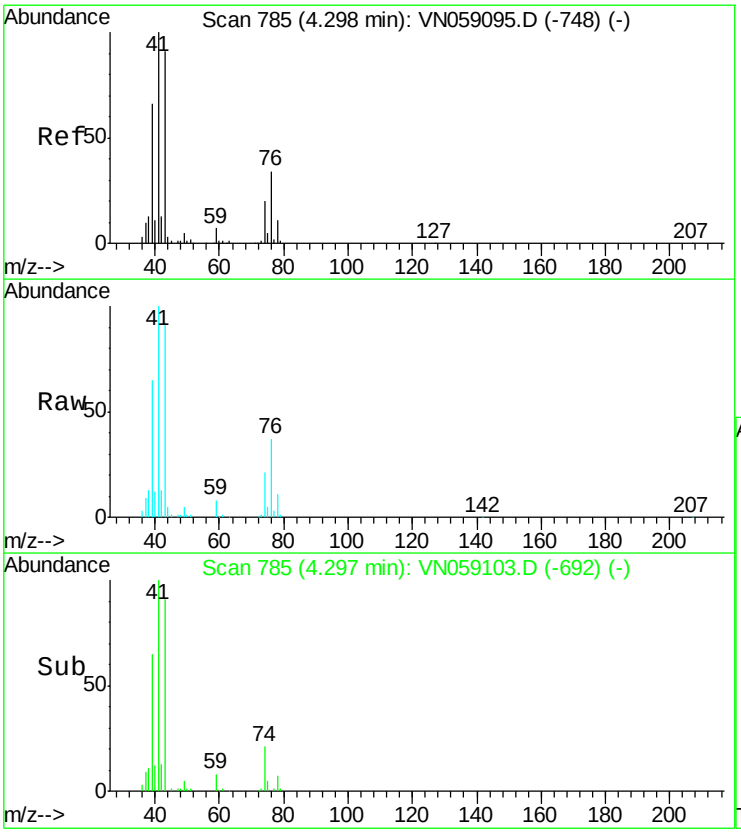
Tgt Ion: 56 Resp: 59589

Ion	Ratio	Lower	Upper
56	100		
55	72.9	56.4	84.6

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

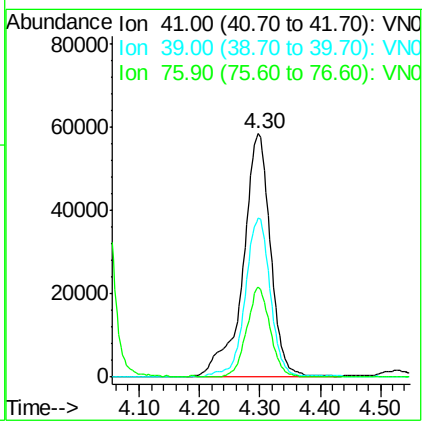


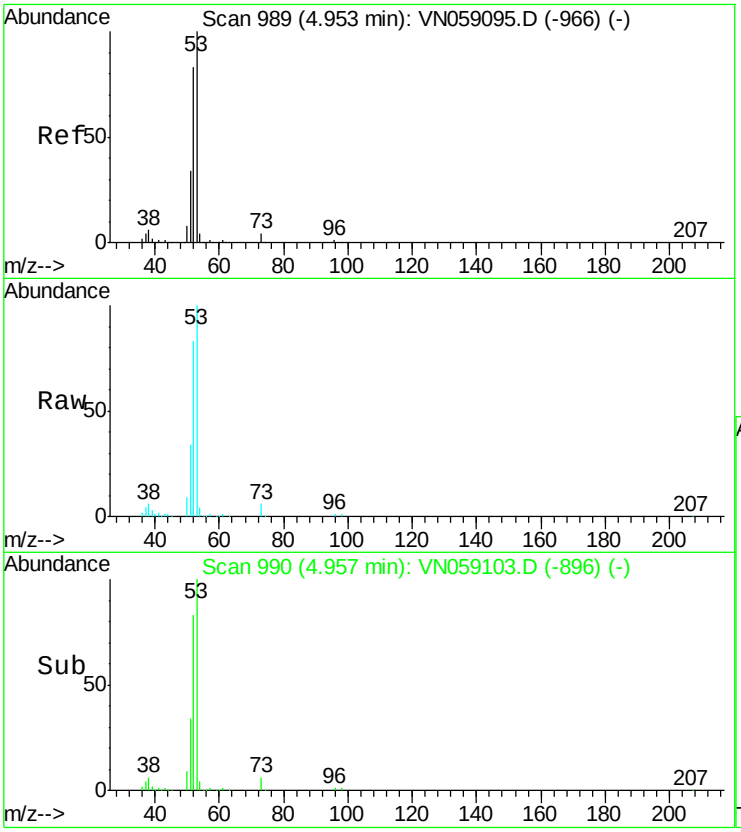


#14
Allyl chloride
Concen: 20.012 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 41 Resp: 187334

Ion	Ratio	Lower	Upper
41	100		
39	59.7	49.1	73.7
76	31.1	24.9	37.3





#15
Acrylonitrile
Concen: 105.745 ug/l
RT: 4.96 min Scan# 990
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 53 Resp: 301180

Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.0	97.6
51	35.1	28.0	42.0

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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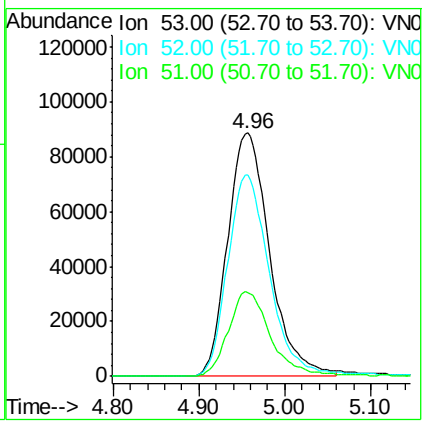
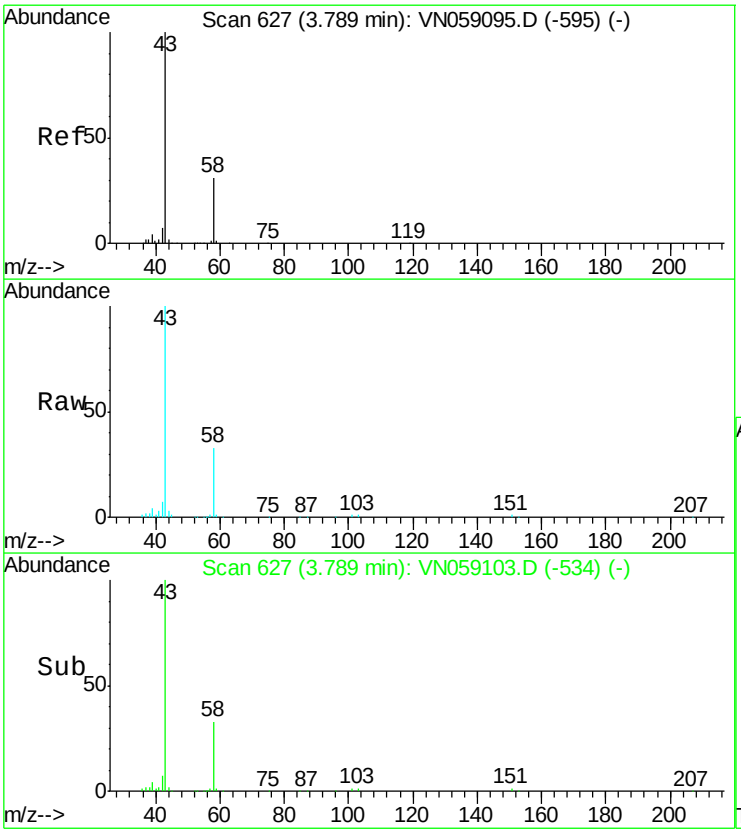
11/7/2019 9:16:32 AM

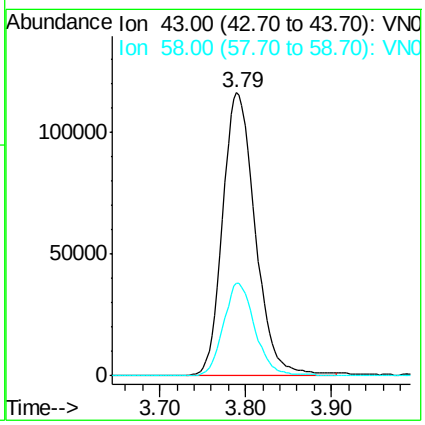


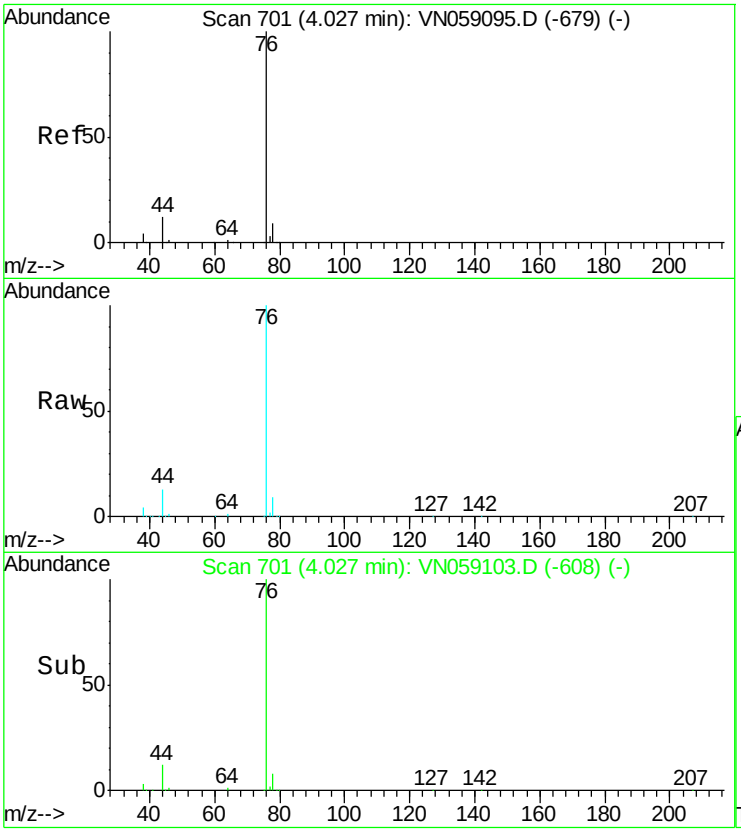


#16
Acetone
Concen: 97.161 ug/l
RT: 3.79 min Scan# 627
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 43 Resp: 303417

Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.9	37.3





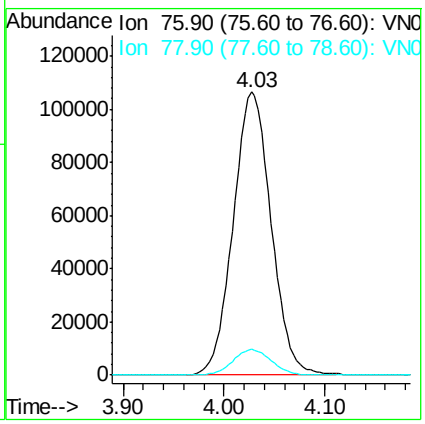
#17
Carbon Disulfide
Concen: 19.624 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

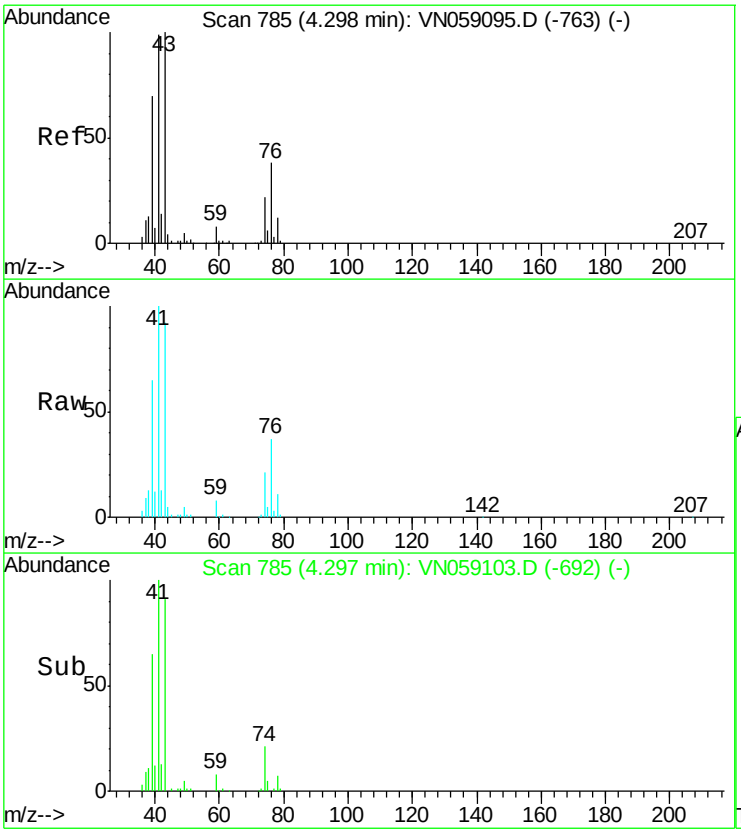
Tgt Ion: 76 Resp: 277608

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

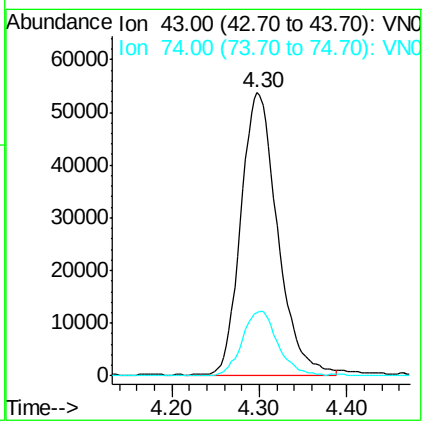


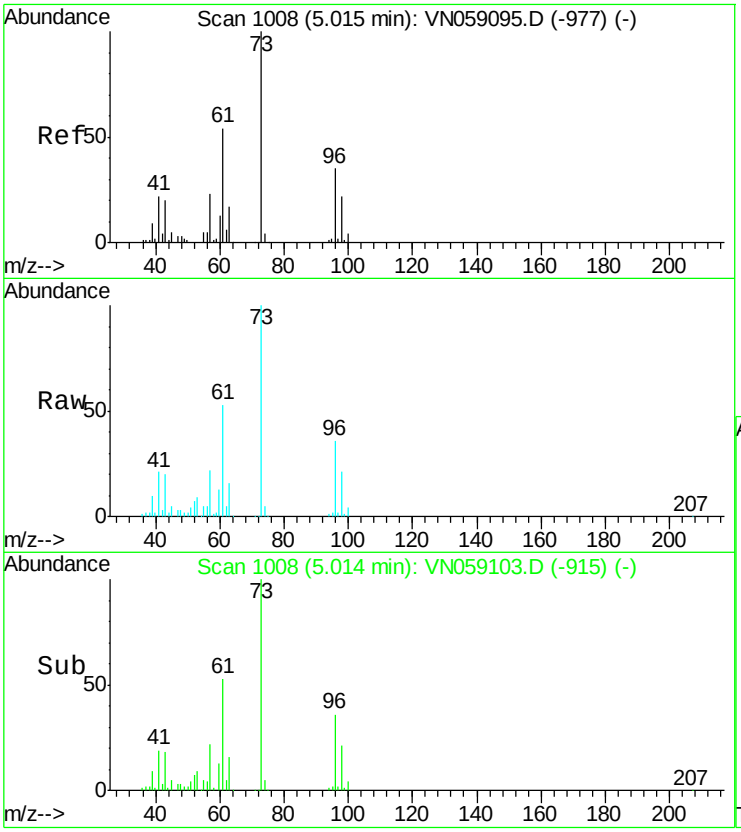


#18
Methyl Acetate
Concen: 20.972 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 43 Resp: 155452

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.8	26.8





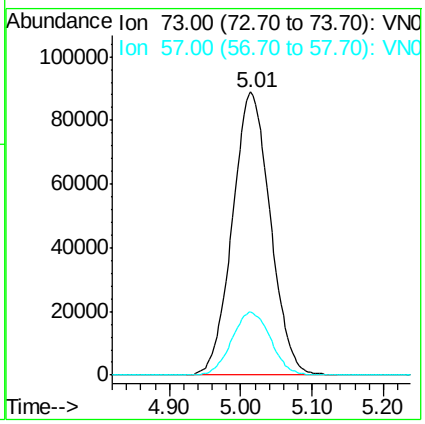
#19
Methyl tert-butyl Ether
Concen: 20.935 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

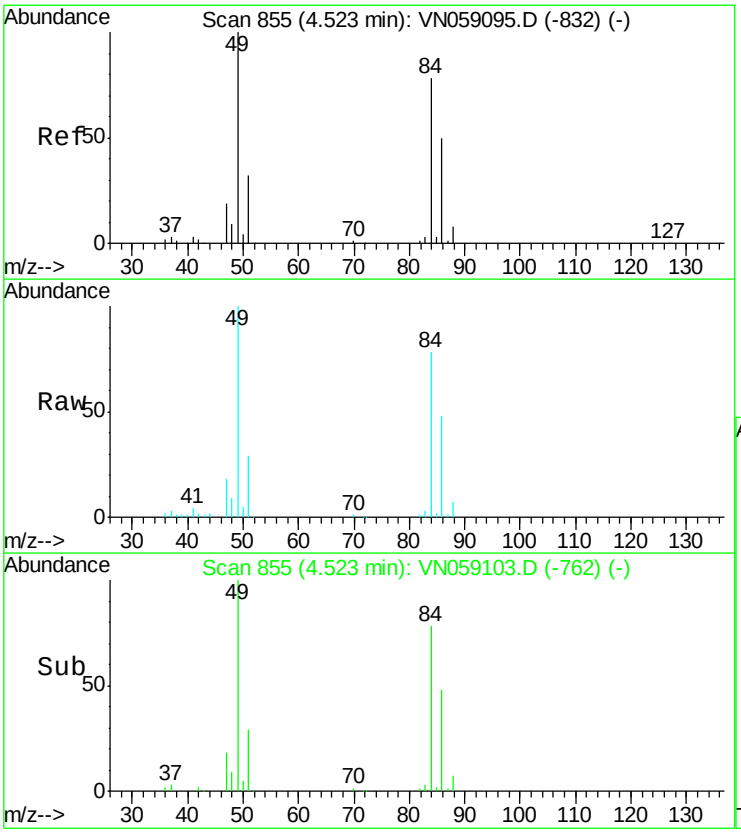
Tgt Ion: 73 Resp: 328470

Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.4	27.6

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

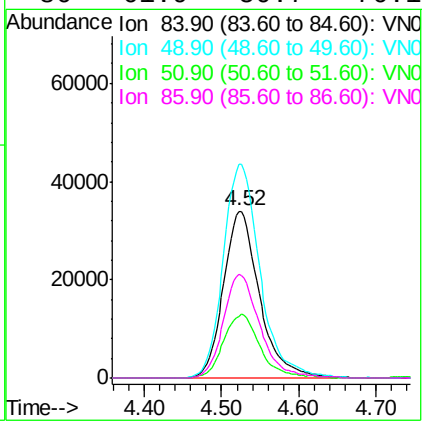


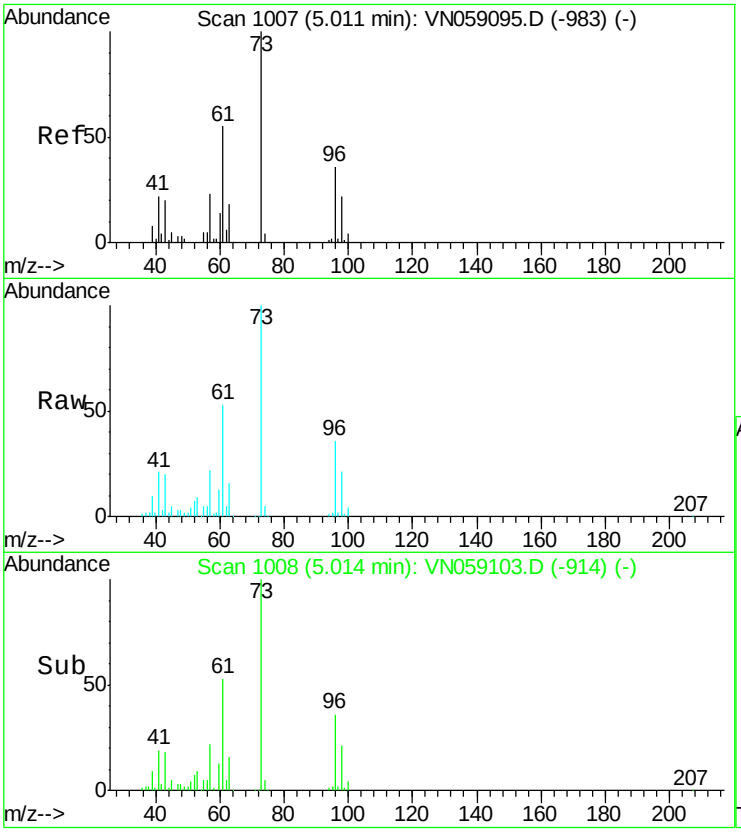


#20
Methylene Chloride
Concen: 20.170 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 84 Resp: 109734

Ion	Ratio	Lower	Upper
84	100		
49	127.8	102.0	153.0
51	37.2	32.2	48.2
86	61.9	50.7	76.1





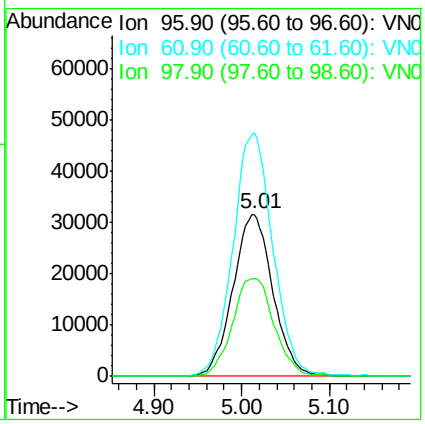
#21
trans-1,2-Dichloroethene
Concen: 20.437 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

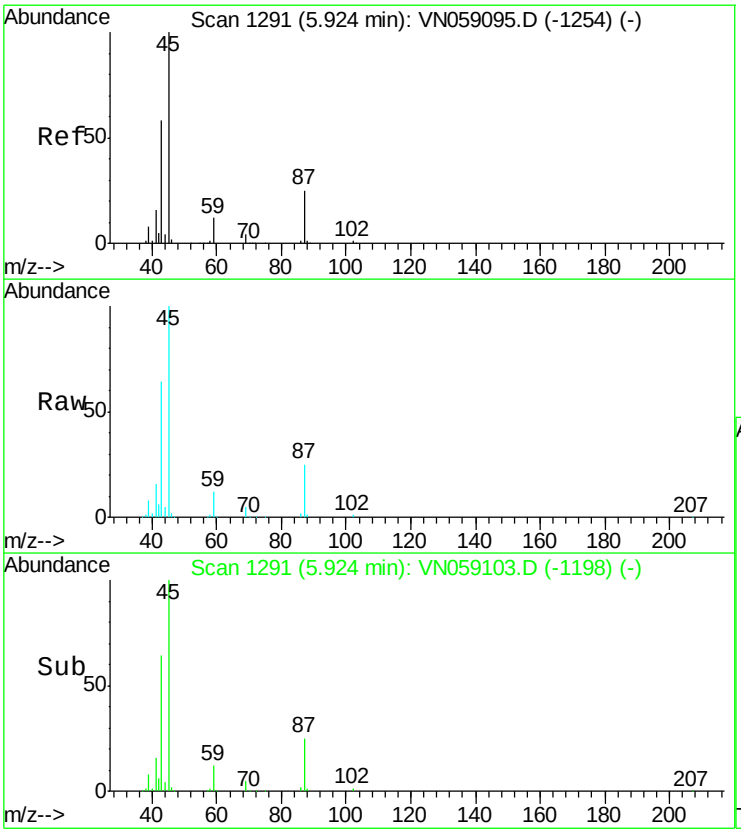
Tgt Ion: 96 Resp: 99973

Ion	Ratio	Lower	Upper
96	100		
61	150.3	122.6	183.8
98	59.9	50.3	75.5

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

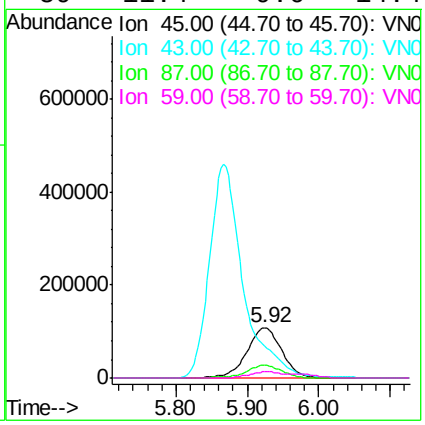


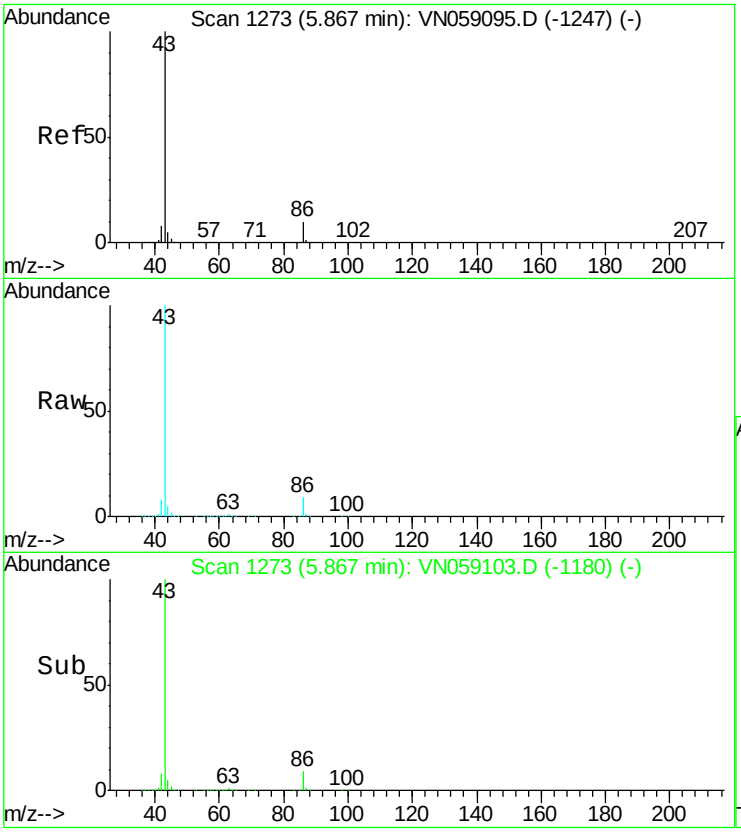


#22
Diisopropyl ether
Concen: 20.688 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 45 Resp: 365792

Ion	Ratio	Lower	Upper
45	100		
43	61.9	46.7	70.1
87	25.3	20.5	30.7
59	11.4	9.6	14.4





#23
Vinyl Acetate
Concen: 110.546 ug/l
RT: 5.87 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 43 Resp: 1514870

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.7	11.5

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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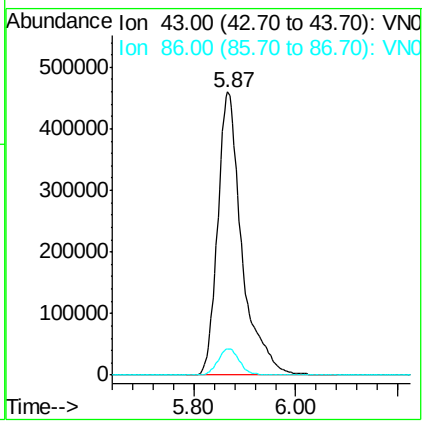
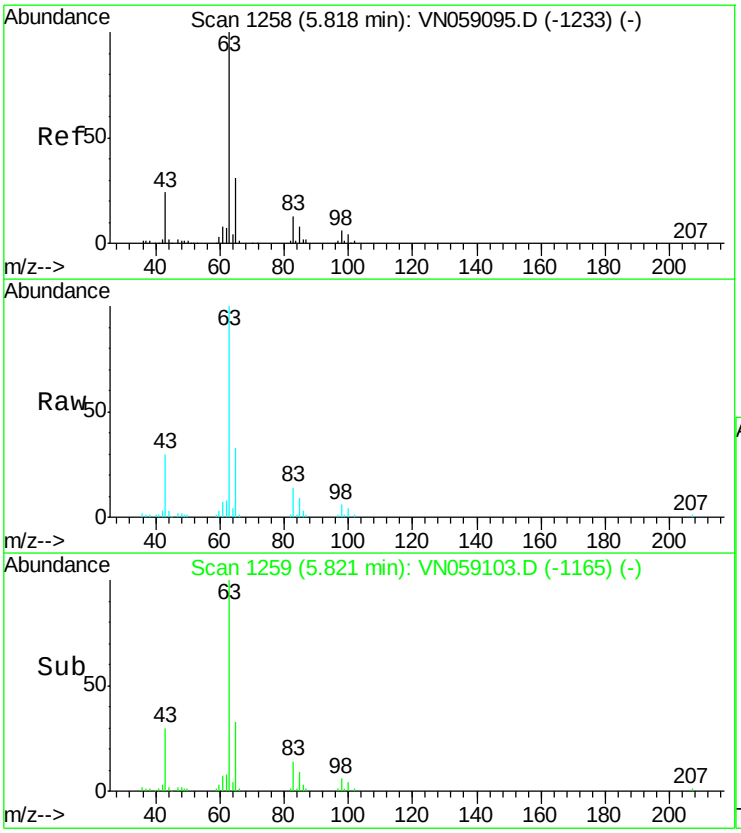
11/7/2019 9:16:32 AM

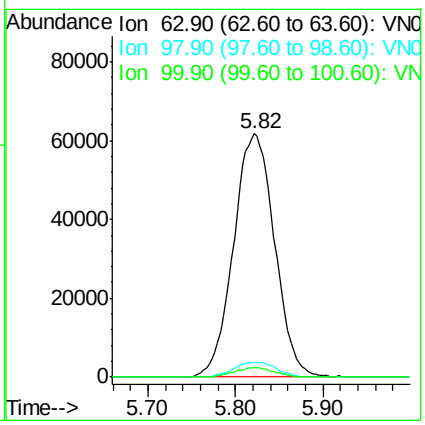


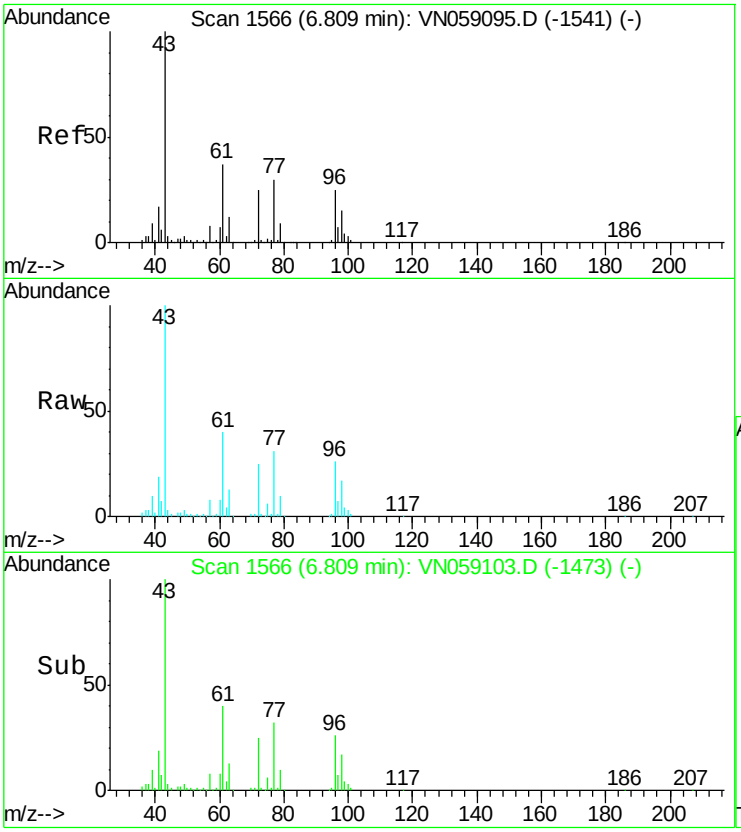


#24
1,1-Dichloroethane
Concen: 20.314 ug/l
RT: 5.82 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 63 Resp: 200610

Ion	Ratio	Lower	Upper
63	100		
98	6.1	2.8	8.4
100	4.0	1.9	5.7





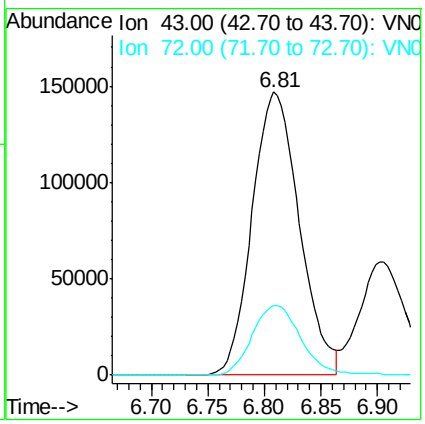
#25
2-Butanone
Concen: 103.180 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

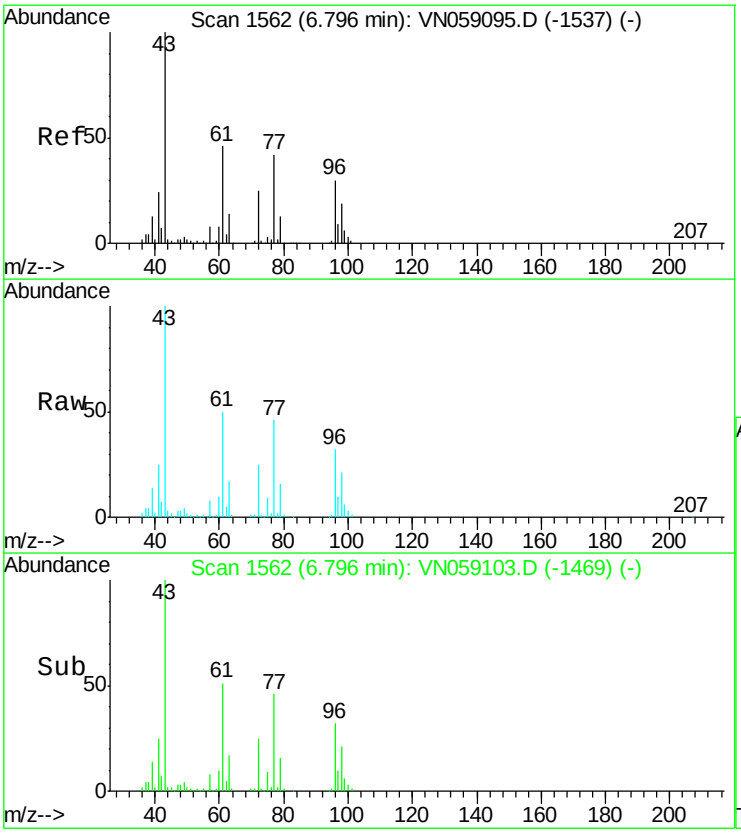
Tgt Ion: 43 Resp: 424659

Ion	Ratio	Lower	Upper
43	100		
72	24.6	20.3	30.5

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

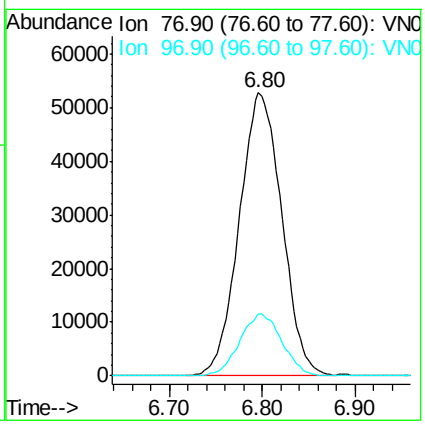


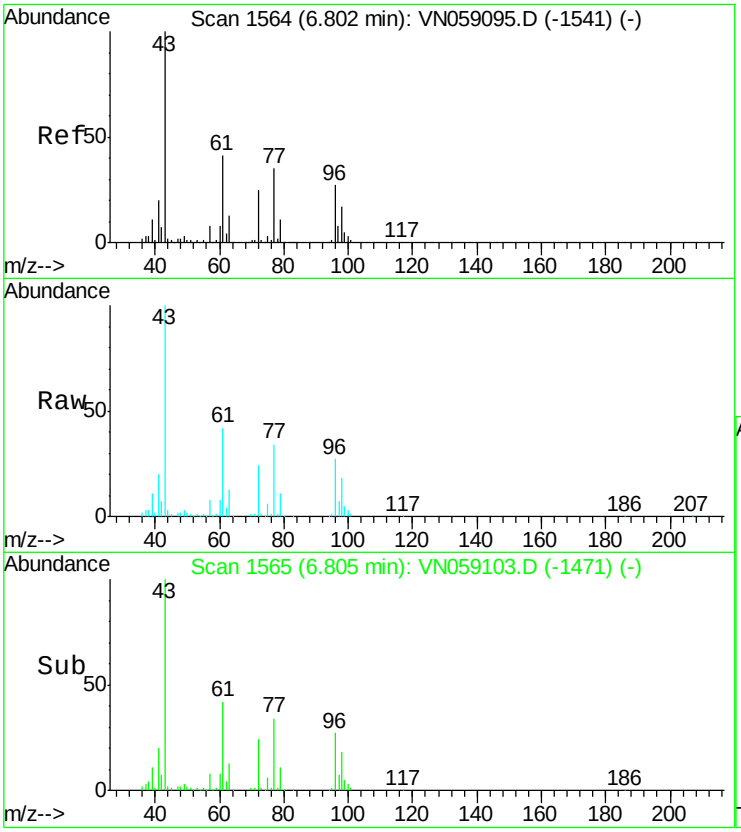


#26
2,2-Dichloropropane
Concen: 19.452 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 77 Resp: 167971

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.2	33.6





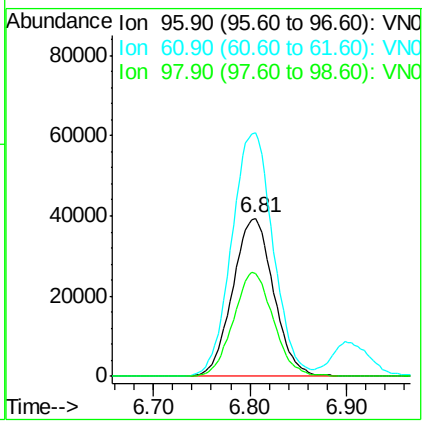
#27
cis-1,2-Dichloroethene
Concen: 20.414 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

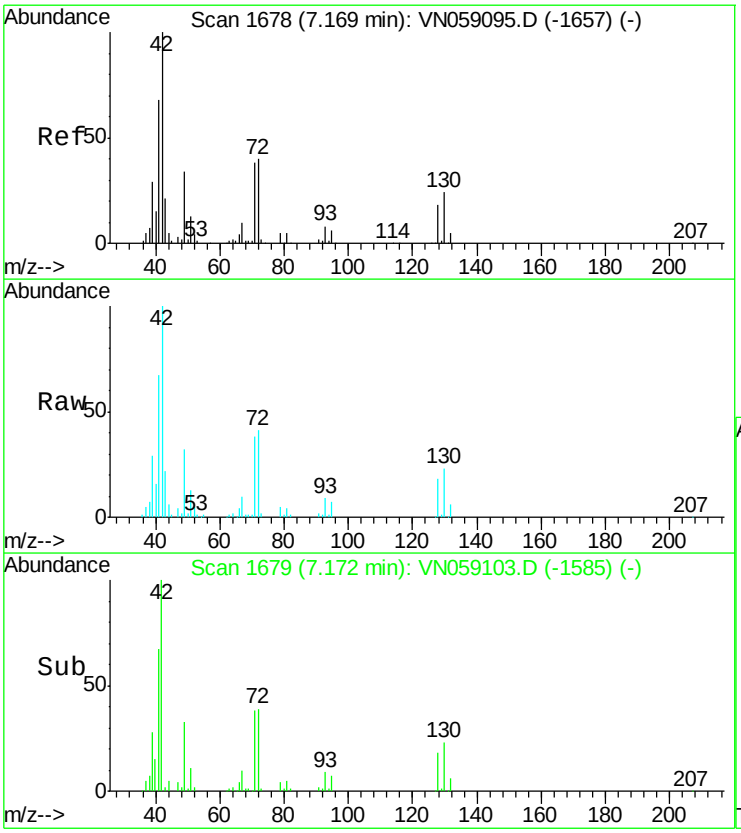
Tgt Ion: 96 Resp: 115851

Ion	Ratio	Lower	Upper
96	100		
61	155.9	0.0	311.6
98	64.1	0.0	129.8

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

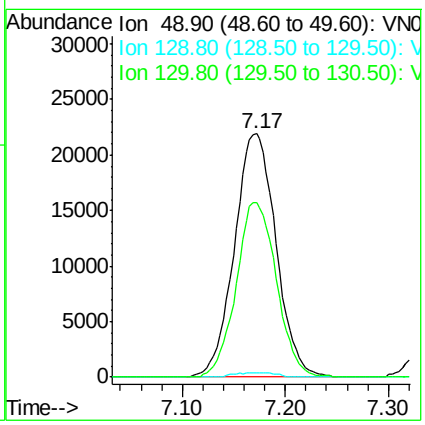


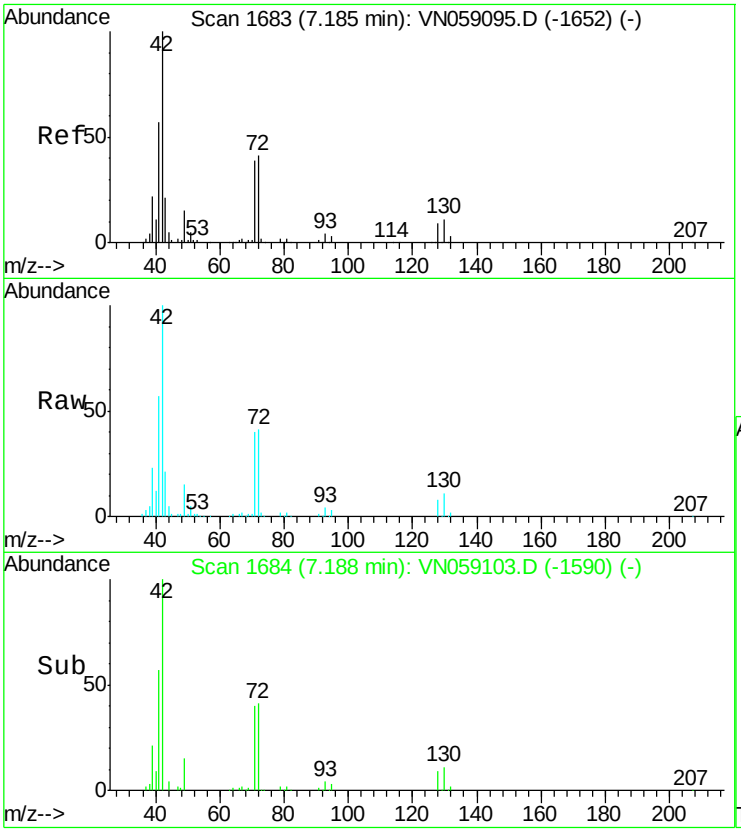


#28
Bromochloromethane
Concen: 20.670 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 49 Resp: 61415

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	69.4	55.6	83.4





#29
Tetrahydrofuran
Concen: 106.215 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 42 Resp: 277764

Ion	Ratio	Lower	Upper
42	100		
72	40.5	33.1	49.7
71	38.4	30.9	46.3

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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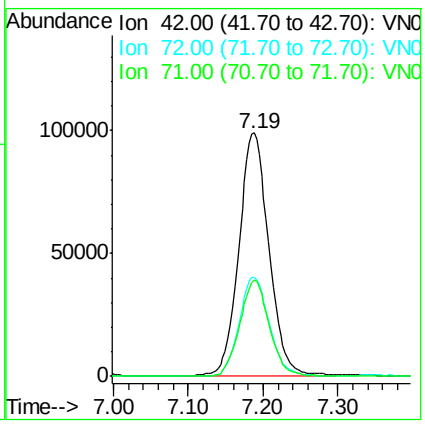
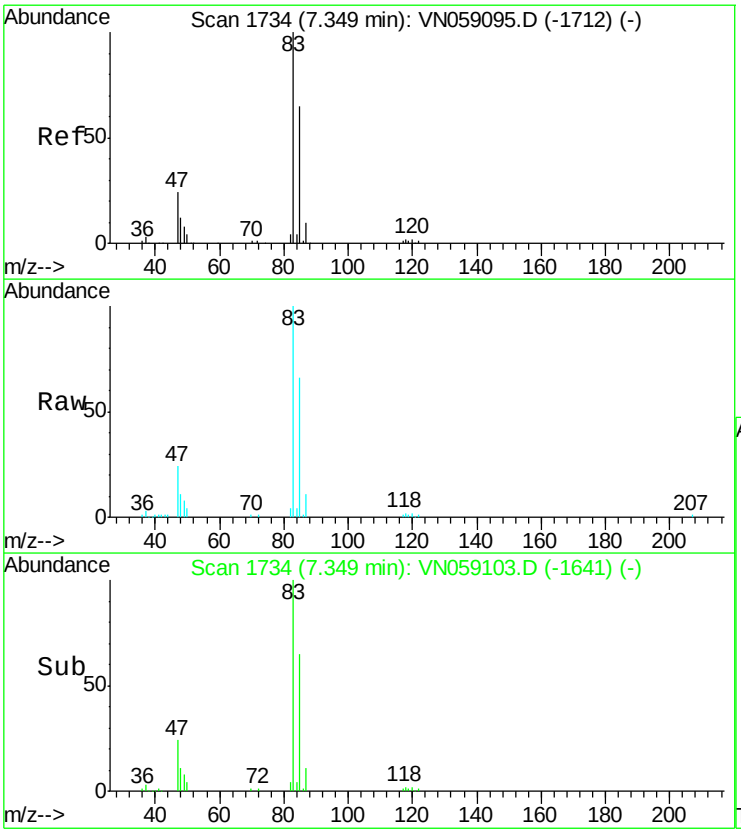
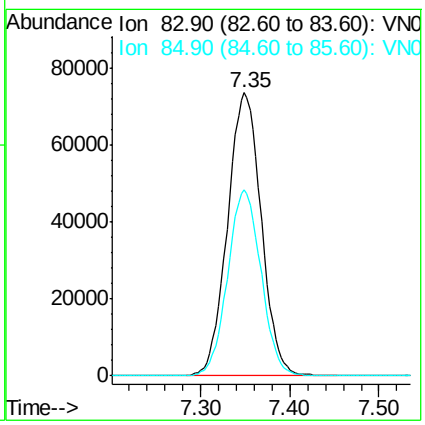


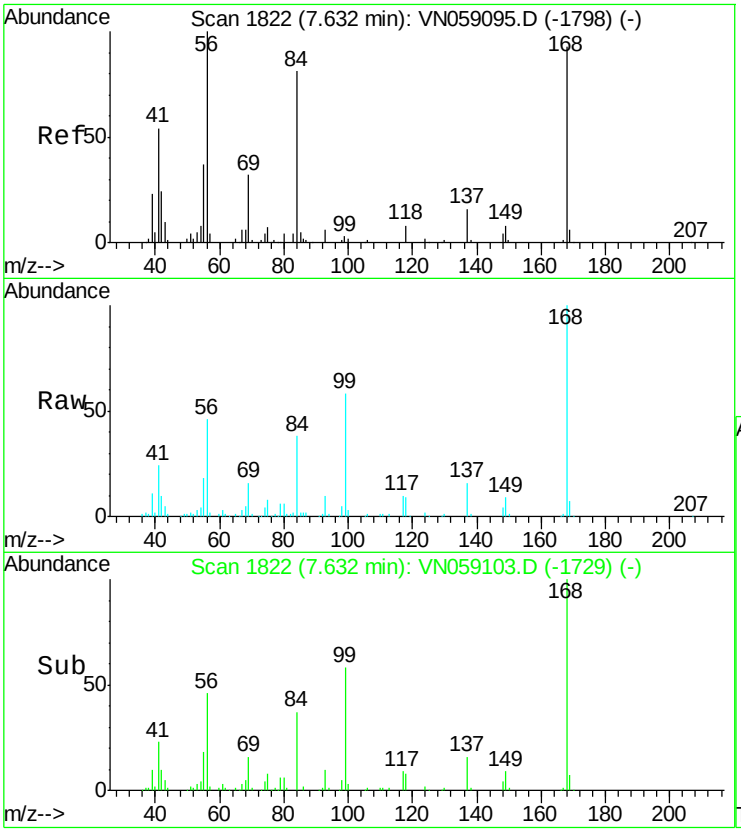


#30
Chloroform
Concen: 20.350 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 83 Resp: 192784

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.8	77.8





#31
Cyclohexane
Concen: 19.846 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 56 Resp: 185544

Ion	Ratio	Lower	Upper
56	100		
69	35.8	25.8	38.8
84	82.2	65.0	97.4

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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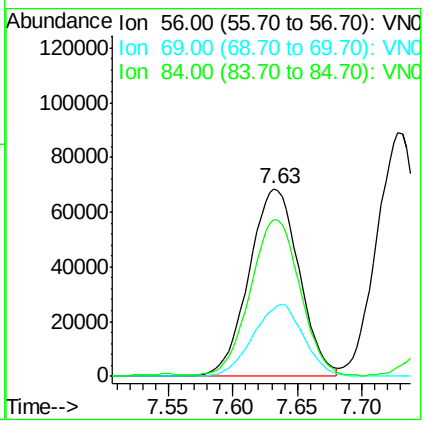
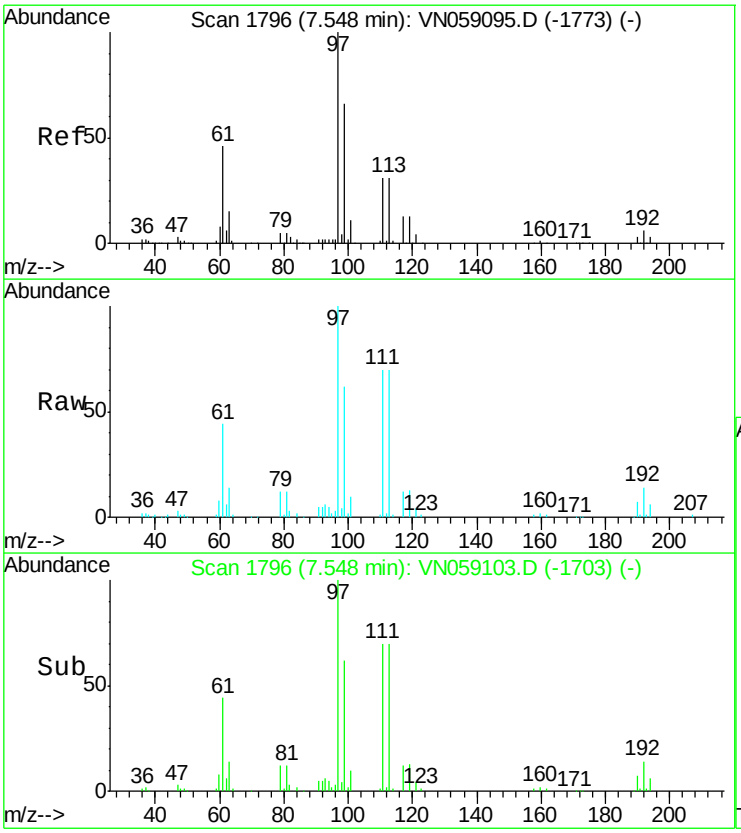
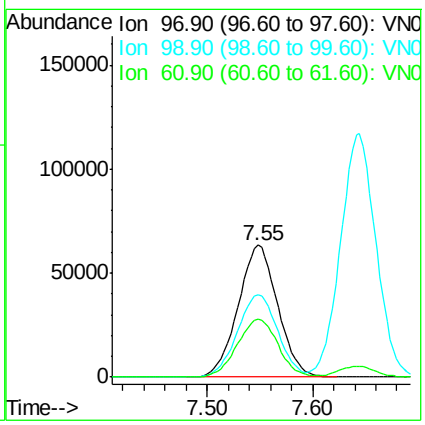


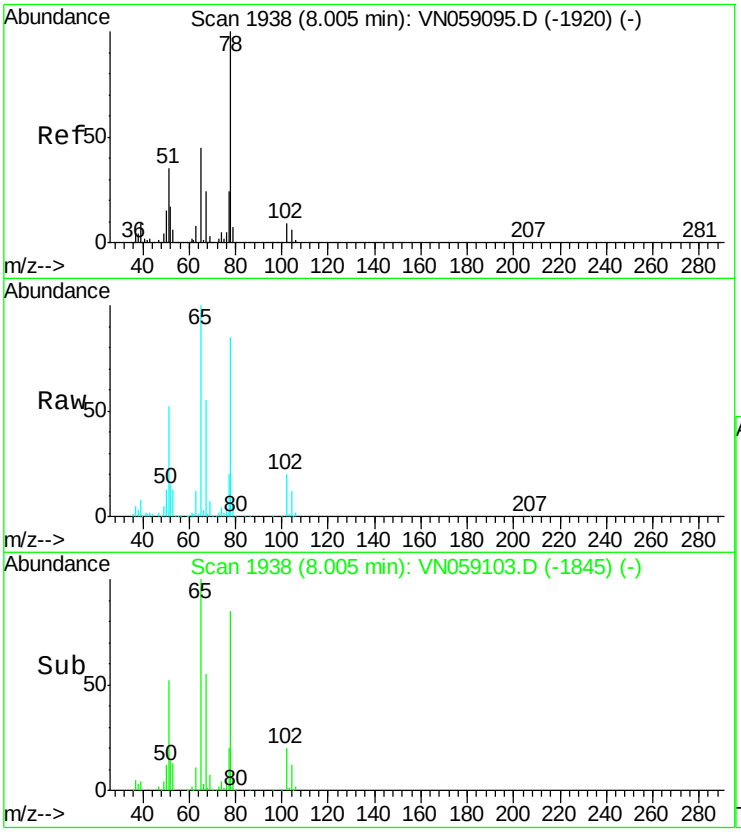


#32
1,1,1-Trichloroethane
Concen: 20.747 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 97 Resp: 165248

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	45.1	35.8	53.8





#33
1,2-Dichloroethane-d4
Concen: 49.931 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 65 Resp: 299847

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.4

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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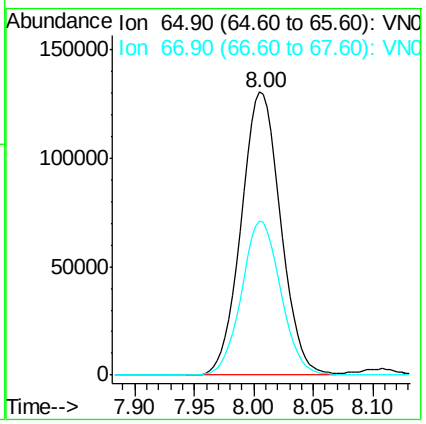
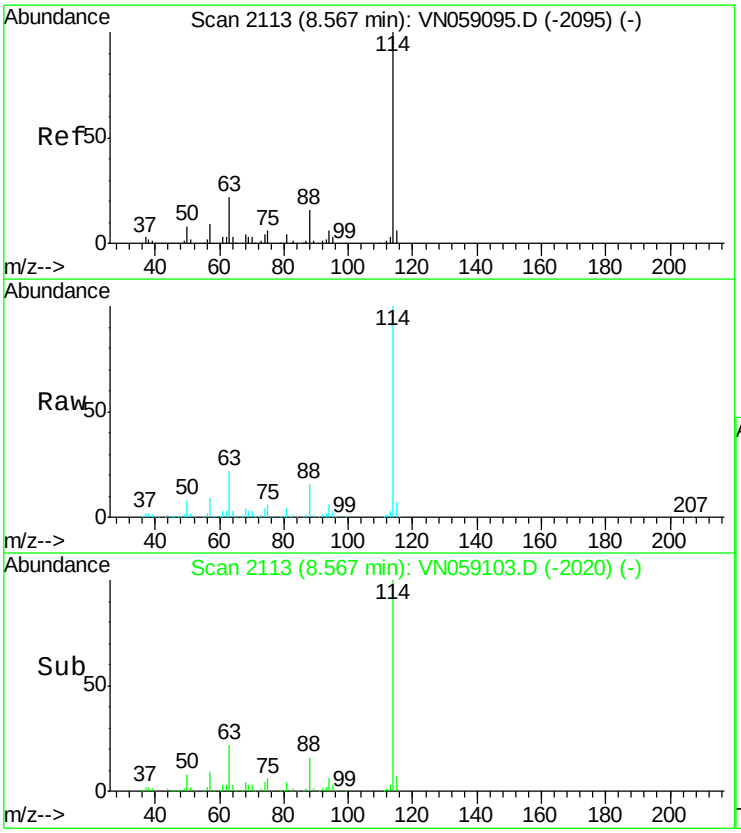
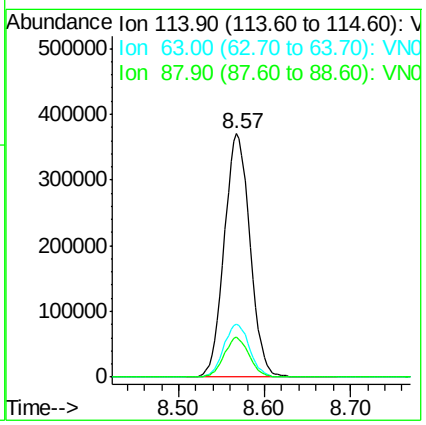


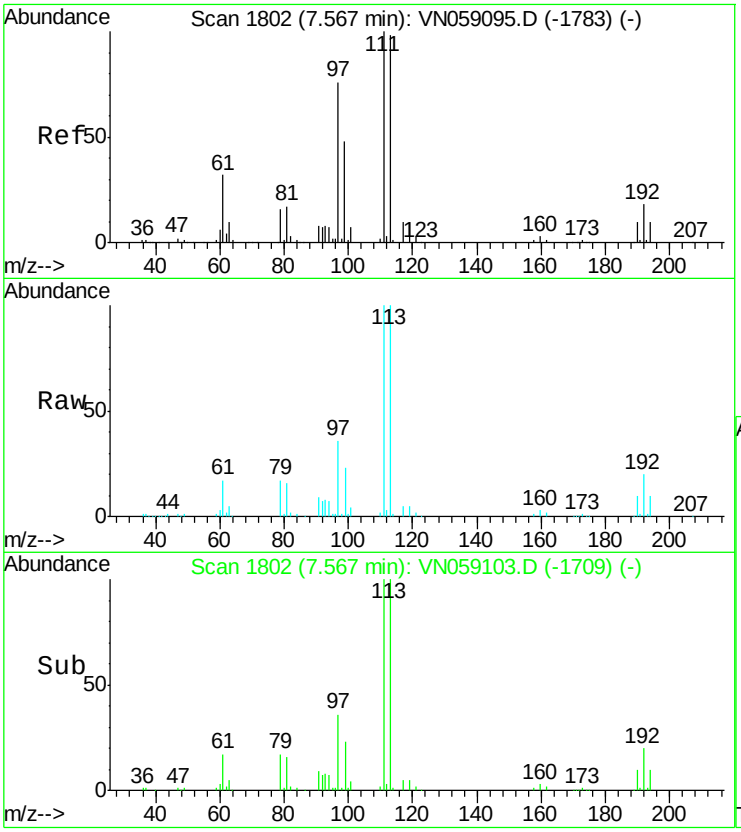


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:114 Resp: 769742

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.4
88	16.3	0.0	32.2





#35
Dibromofluoromethane
Concen: 50.522 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:113 Resp: 232206

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	20.2	16.1	24.1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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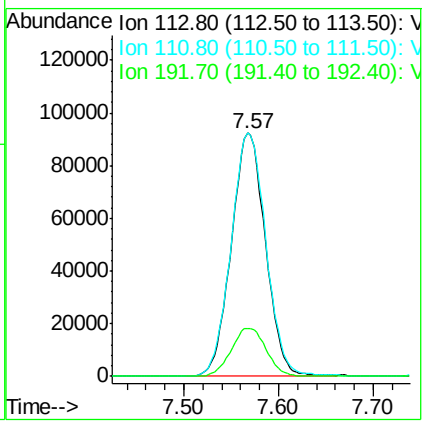
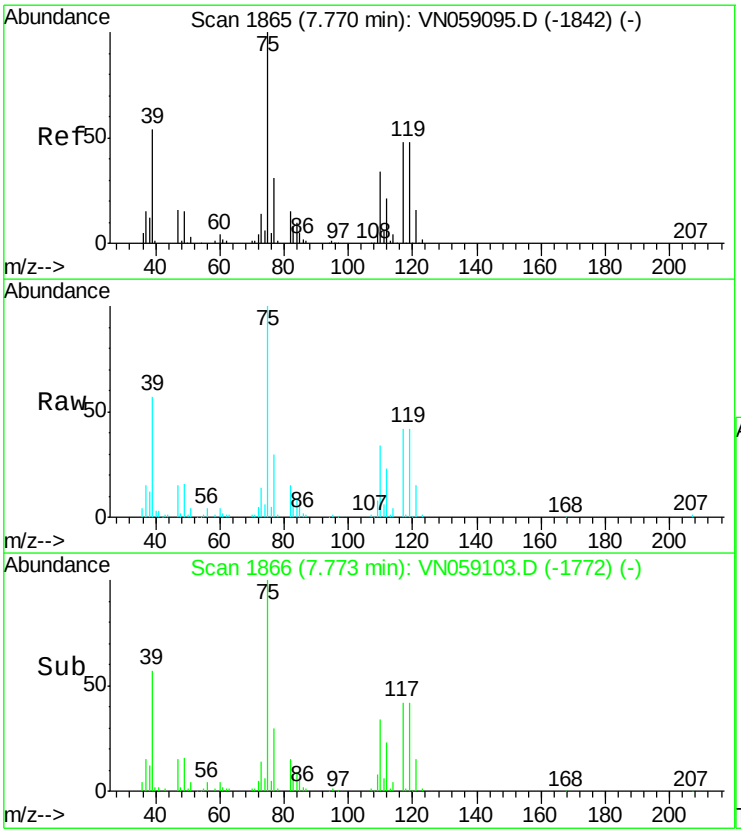
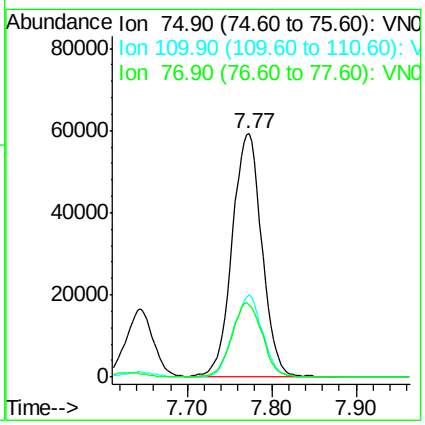


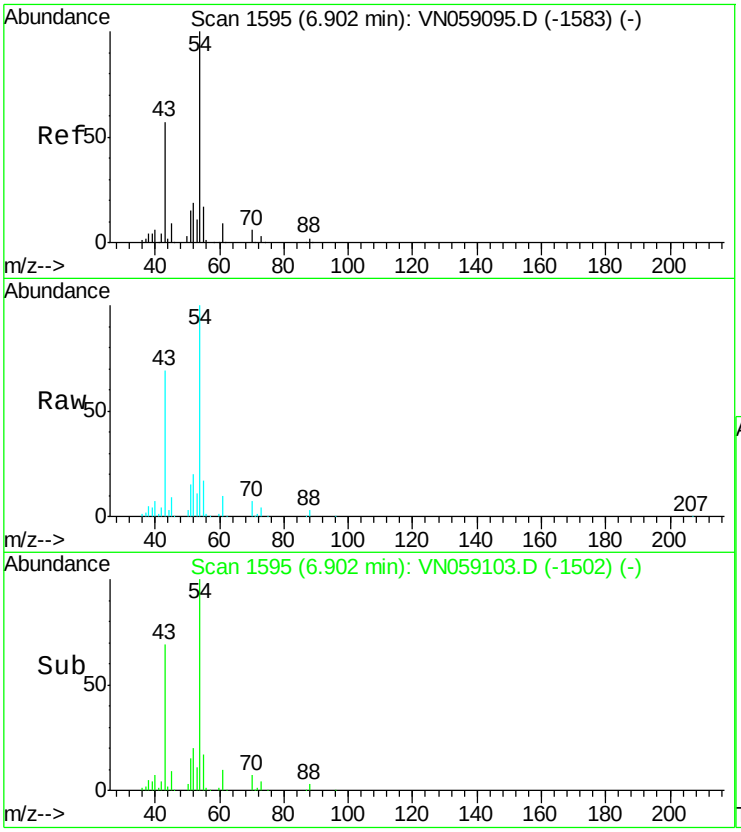


#36
1,1-Dichloropropene
Concen: 20.280 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 75 Resp: 145911

Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.1	51.2
77	31.2	24.8	37.2





#37
Ethyl Acetate
Concen: 19.408 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 43 Resp: 155344

Ion	Ratio	Lower	Upper
43	100		
61	15.5	11.2	16.8
70	11.0	7.8	11.8

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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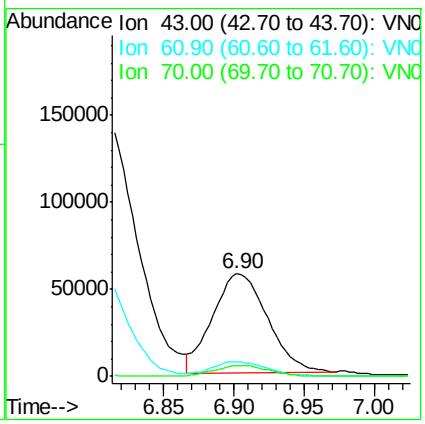
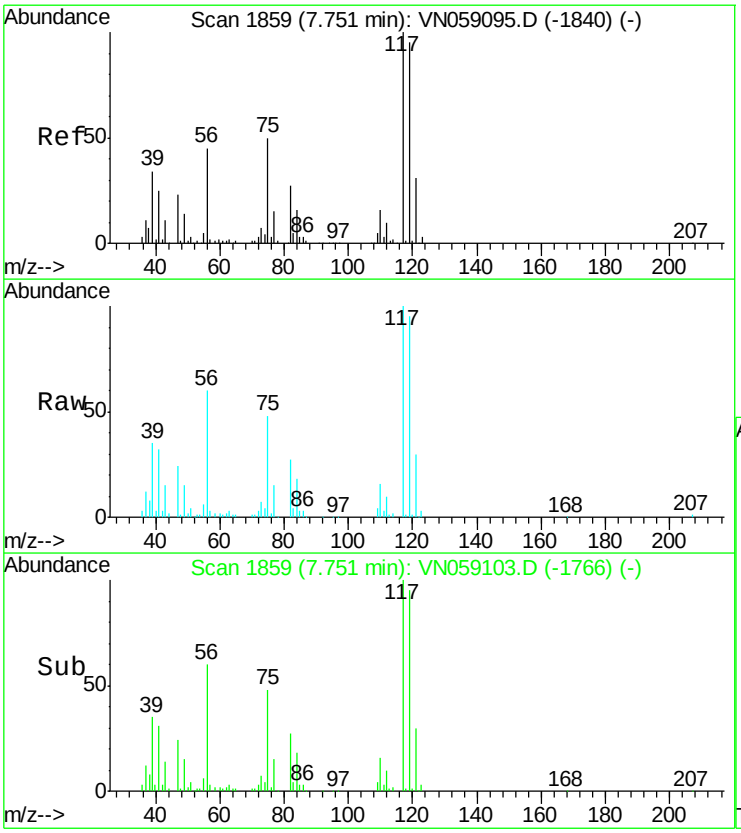
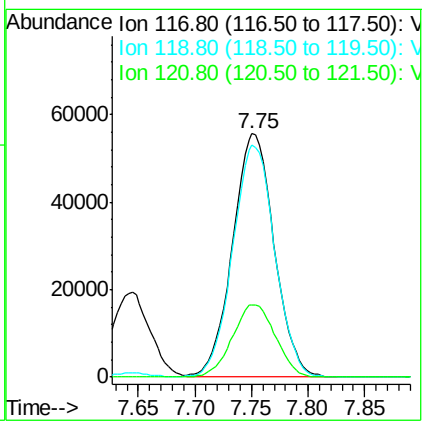


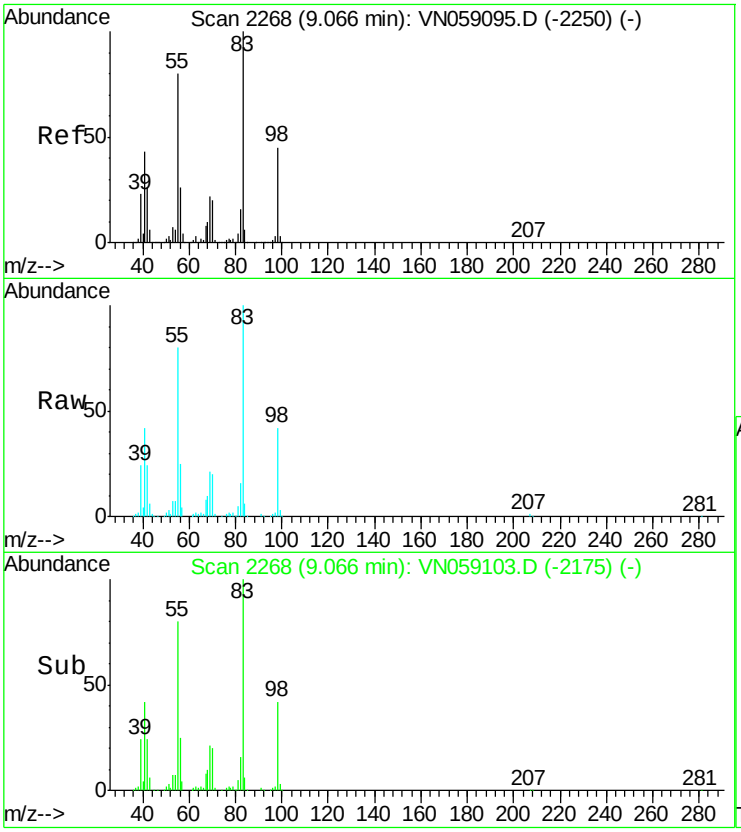


#38
Carbon Tetrachloride
Concen: 19.918 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:117 Resp: 142634

Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.6	113.4
121	29.7	24.6	36.8





#39
Methylcyclohexane
Concen: 20.493 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 83 Resp: 171124

Ion	Ratio	Lower	Upper
83	100		
55	79.7	63.9	95.9
98	42.0	35.6	53.4

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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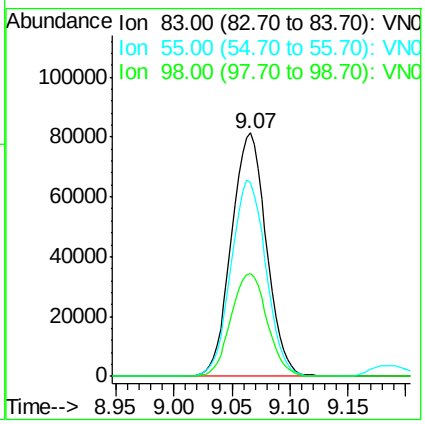
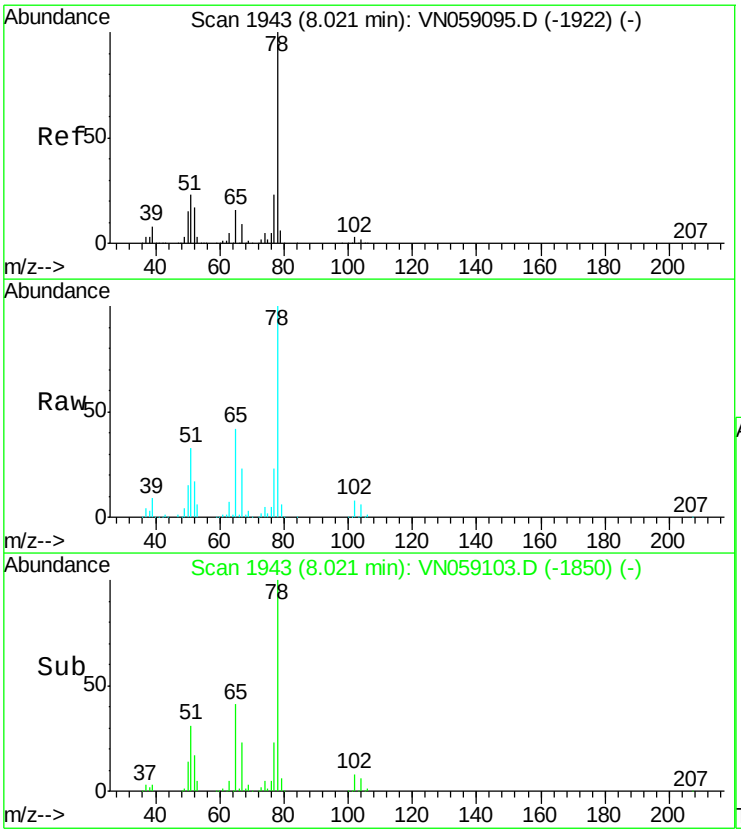
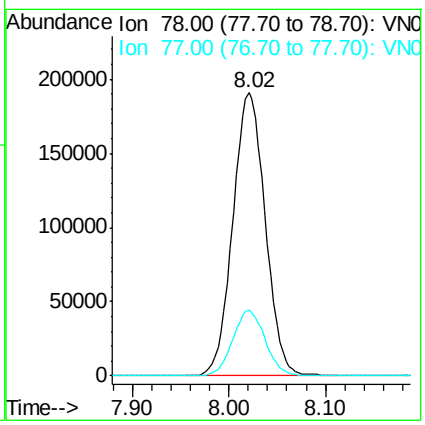


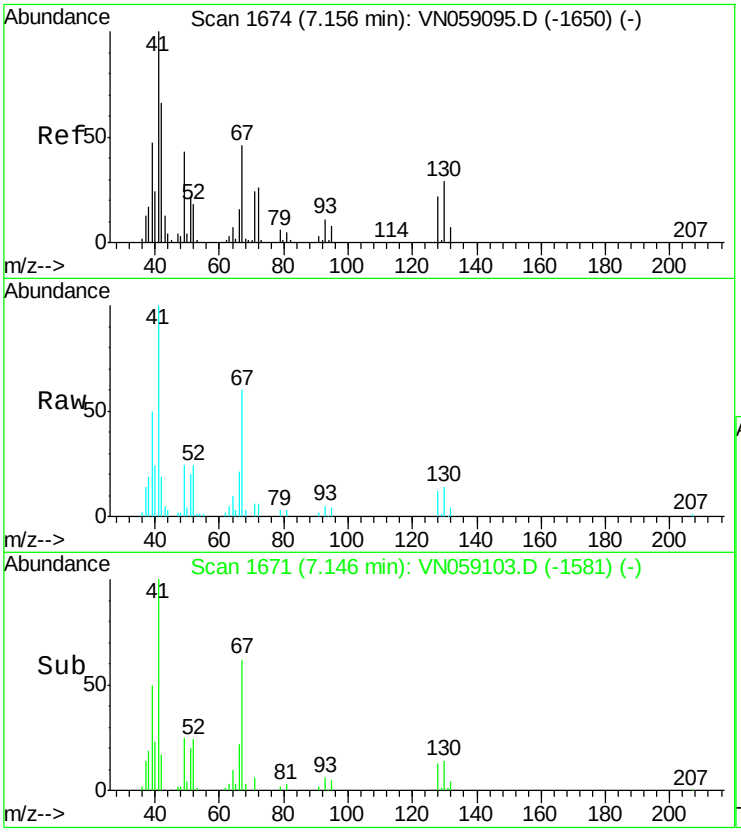


#40
Benzene
Concen: 20.550 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 78 Resp: 445238

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.8	28.2





#41
Methacrylonitrile
Concen: 21.687 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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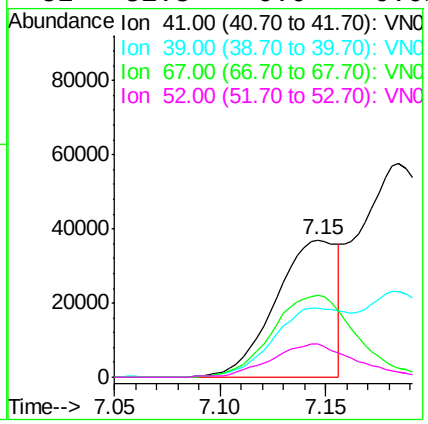
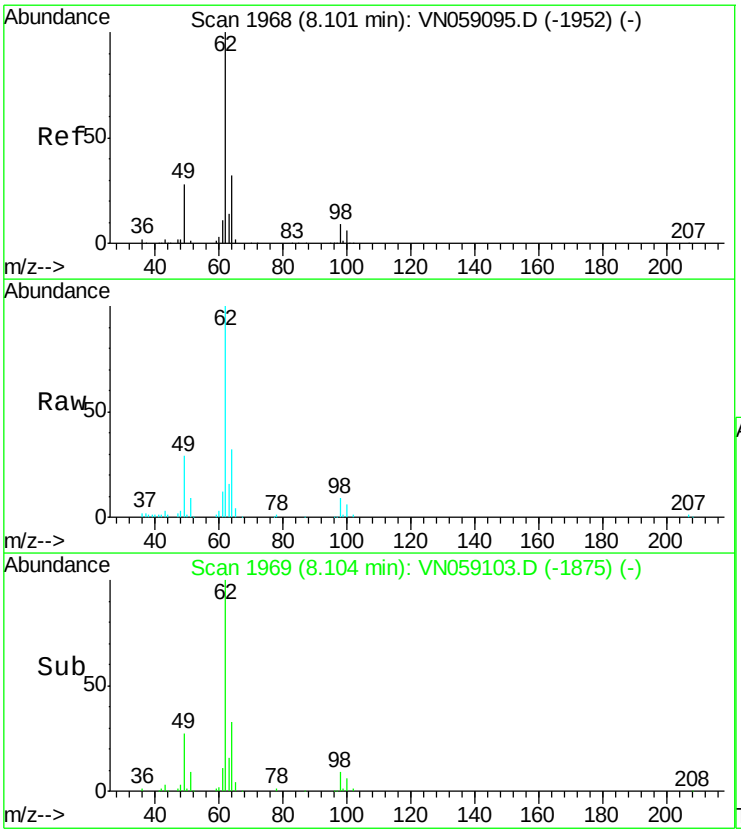
Tgt Ion: 41 Resp: 75480

Ion	Ratio	Lower	Upper
41	100		
39	60.8	0.0	0.0#
67	81.5	0.0	0.0#
52	31.8	0.0	0.0#

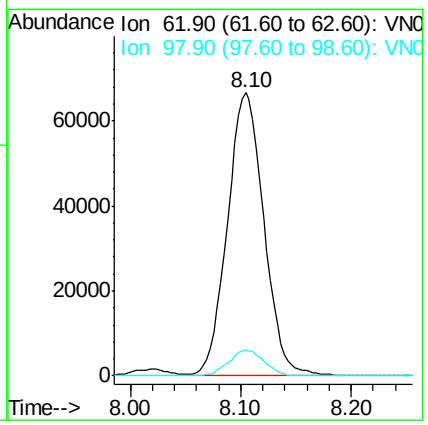


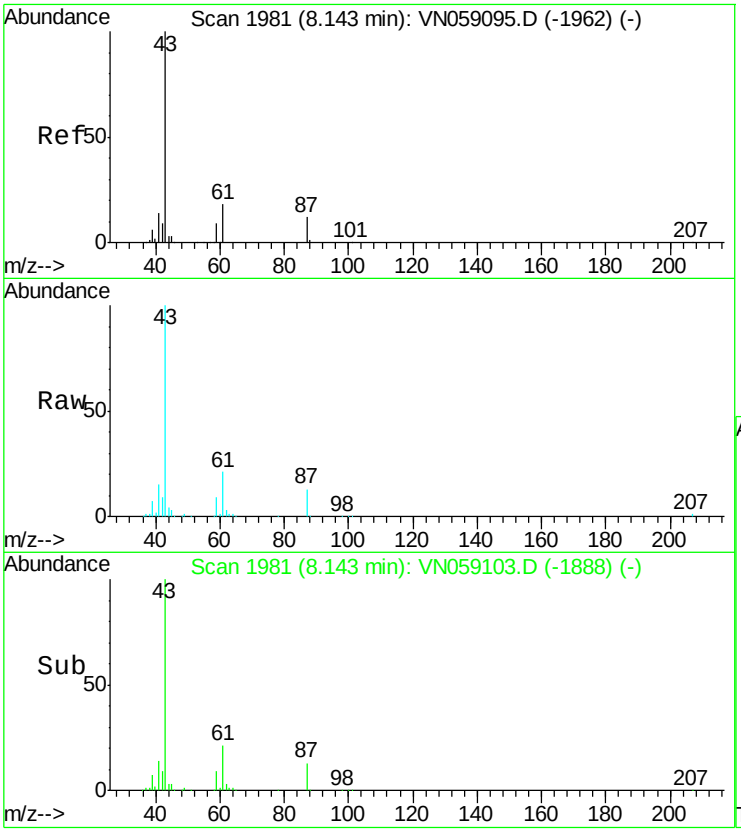


#42
1,2-Dichloroethane
Concen: 20.405 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 62 Resp: 151628

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8





#43
Isopropyl Acetate
Concen: 19.981 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 43 Resp: 254972

Ion	Ratio	Lower	Upper
43	100		
61	26.3	21.0	31.6
87	12.7	9.8	14.6

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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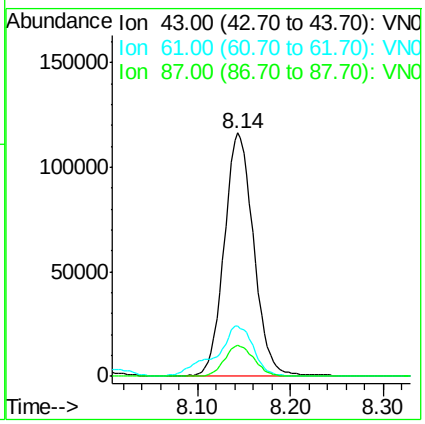
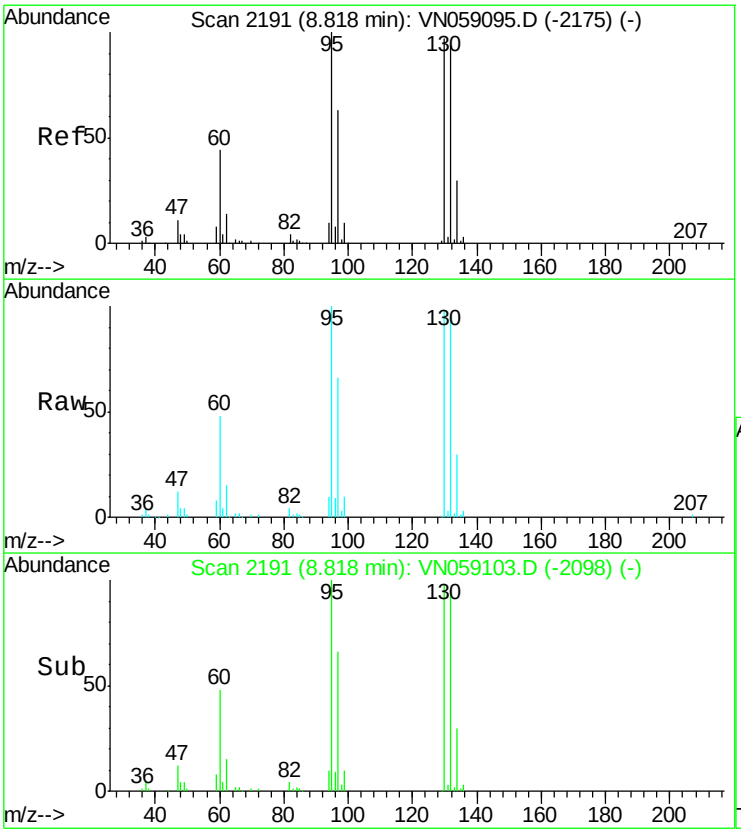
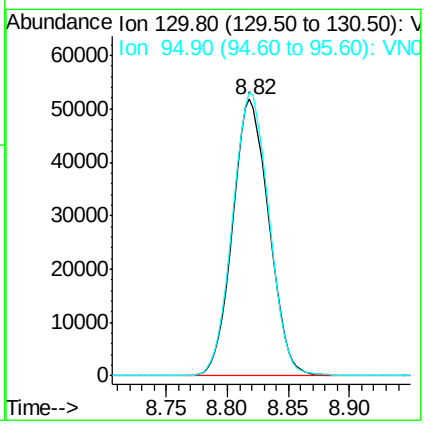


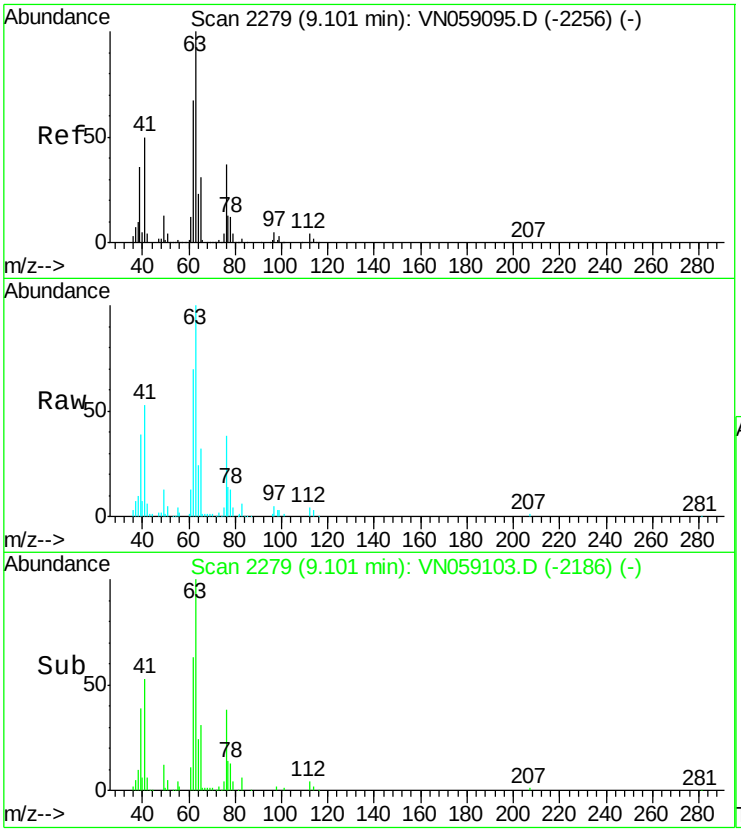


#44
Trichloroethene
Concen: 20.056 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:130 Resp: 106817

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	206.4





#45
1,2-Dichloropropane
Concen: 20.478 ug/l
RT: 9.10 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 63 Resp: 120511

Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.6	37.0

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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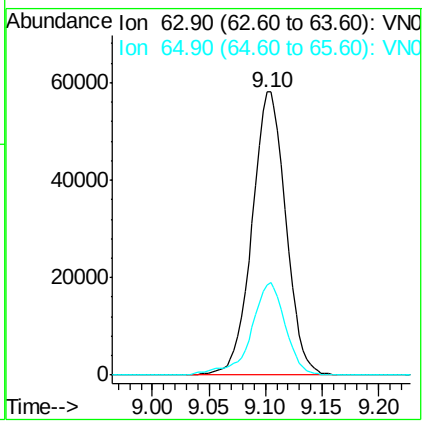
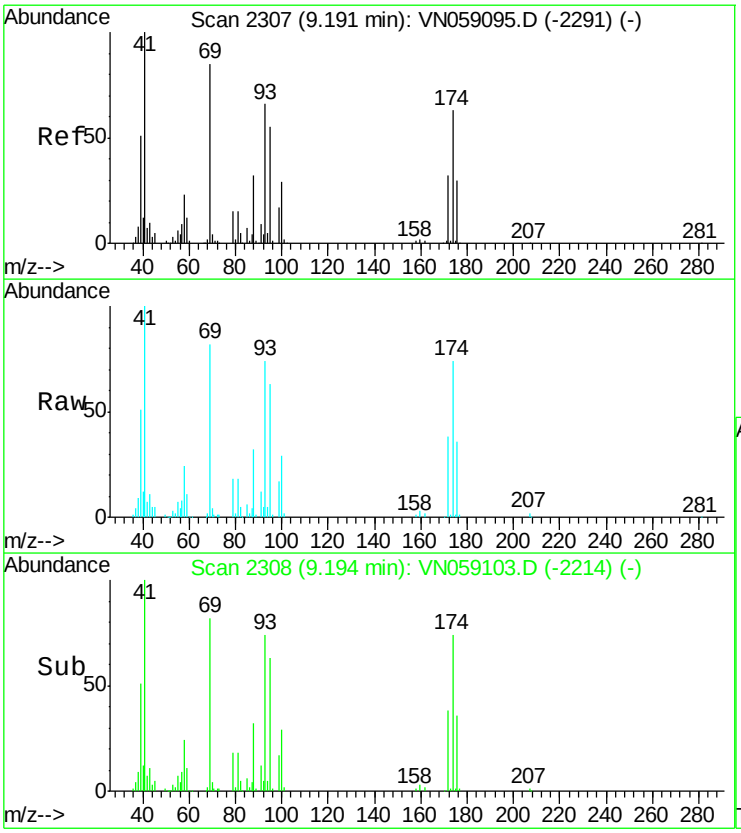
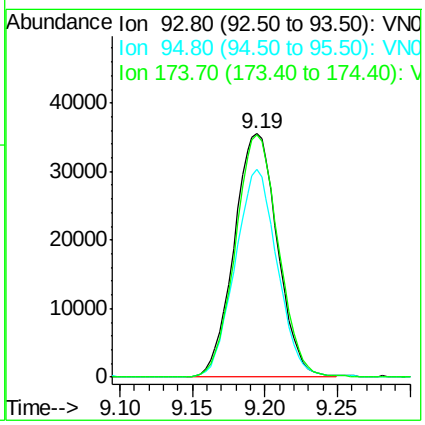


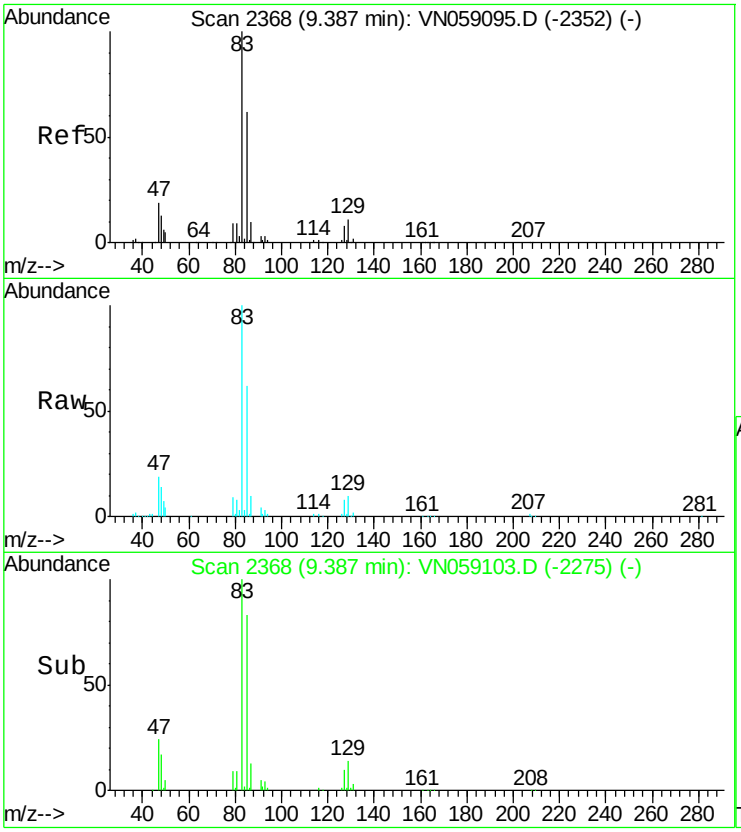


#46
Dibromomethane
Concen: 20.168 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 93 Resp: 73959

Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.6	100.0
174	98.5	78.2	117.2





#47
Bromodichloromethane
Concen: 20.712 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 83 Resp: 151669

Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.7	74.5
127	7.8	6.4	9.6

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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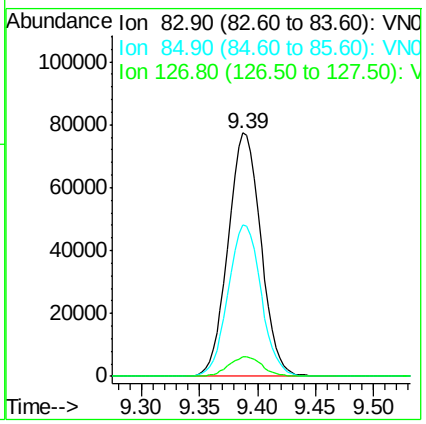
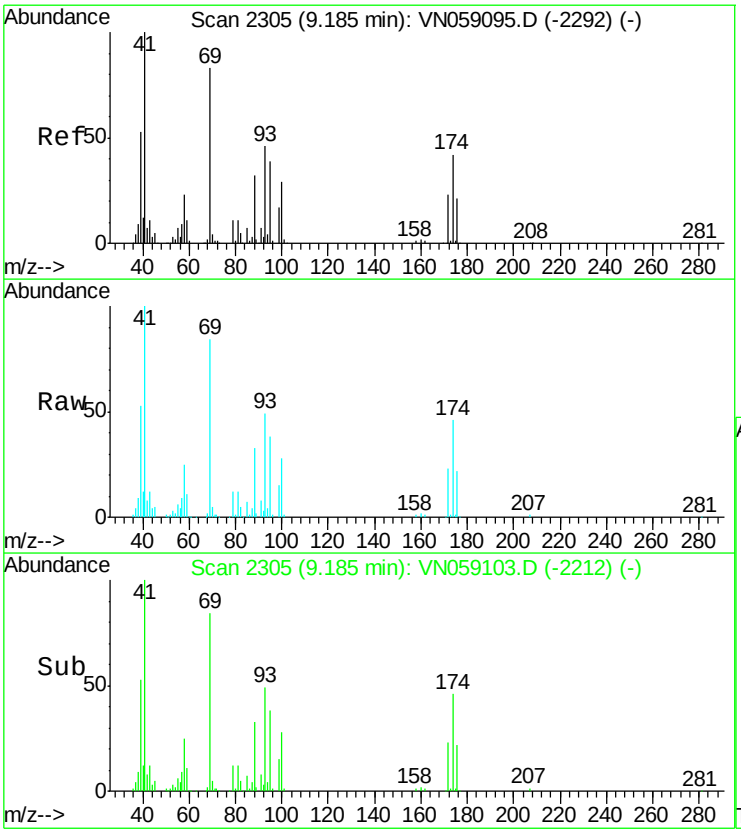
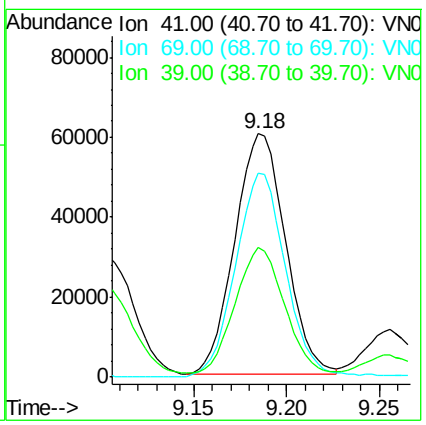


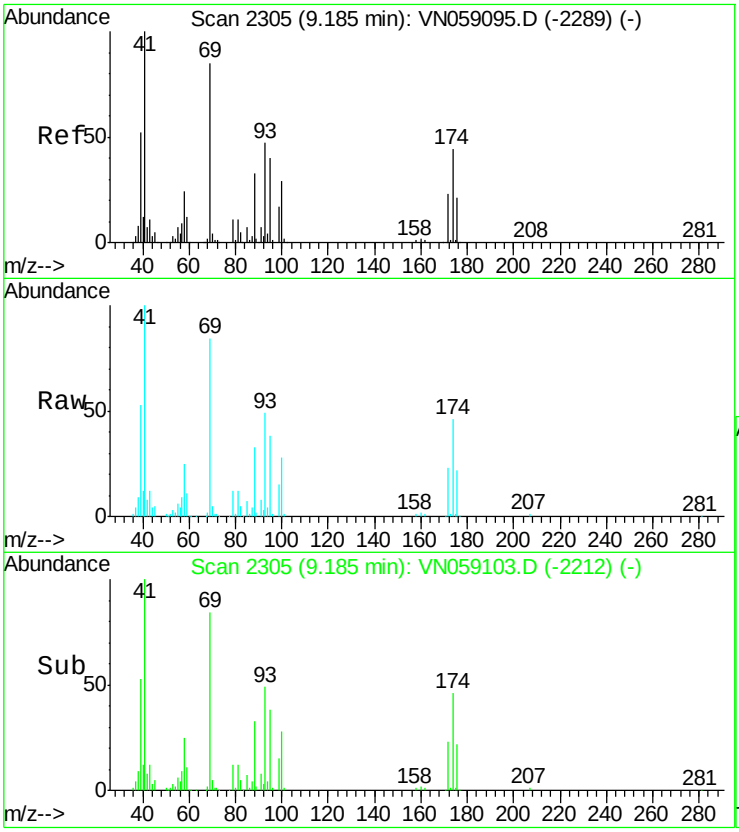


#48
Methyl methacrylate
Concen: 20.076 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 41 Resp: 114586

Ion	Ratio	Lower	Upper
41	100		
69	83.4	67.3	100.9
39	53.4	43.3	64.9





#49
1,4-Dioxane
Concen: 418.910 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 88 Resp: 42492

Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.3	39.5
58	74.1	60.6	90.8

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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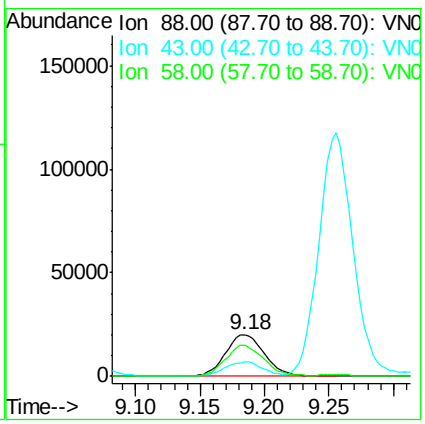
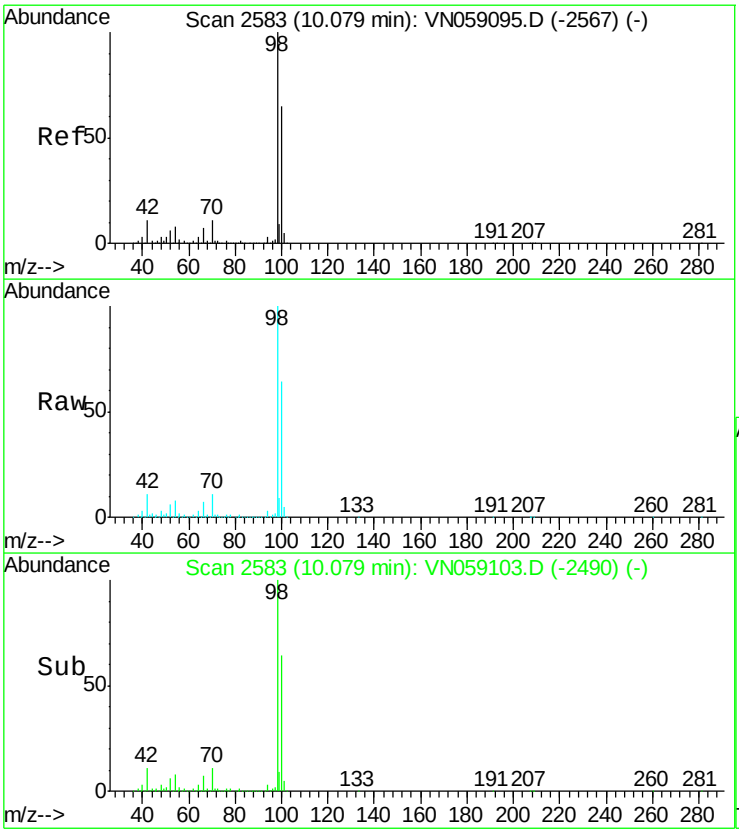
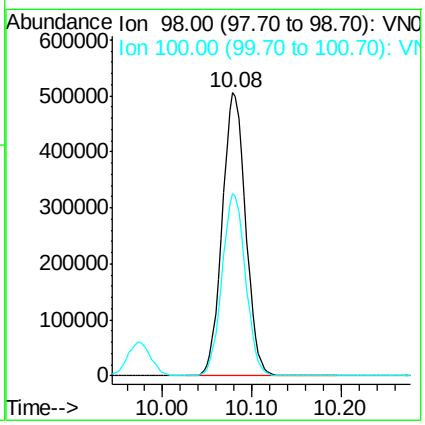


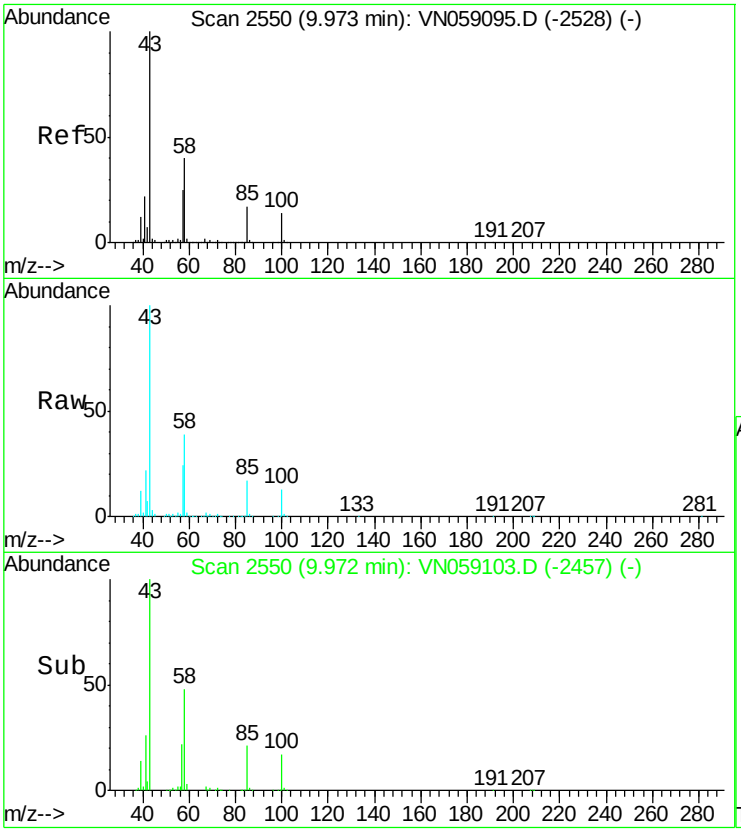


#50
Toluene-d8
Concen: 50.718 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 98 Resp: 918174

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 112.610 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 43 Resp: 813064

Ion	Ratio	Lower	Upper
43	100		
58	38.8	31.5	47.3

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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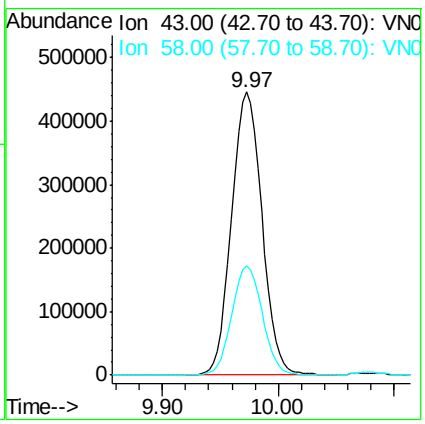
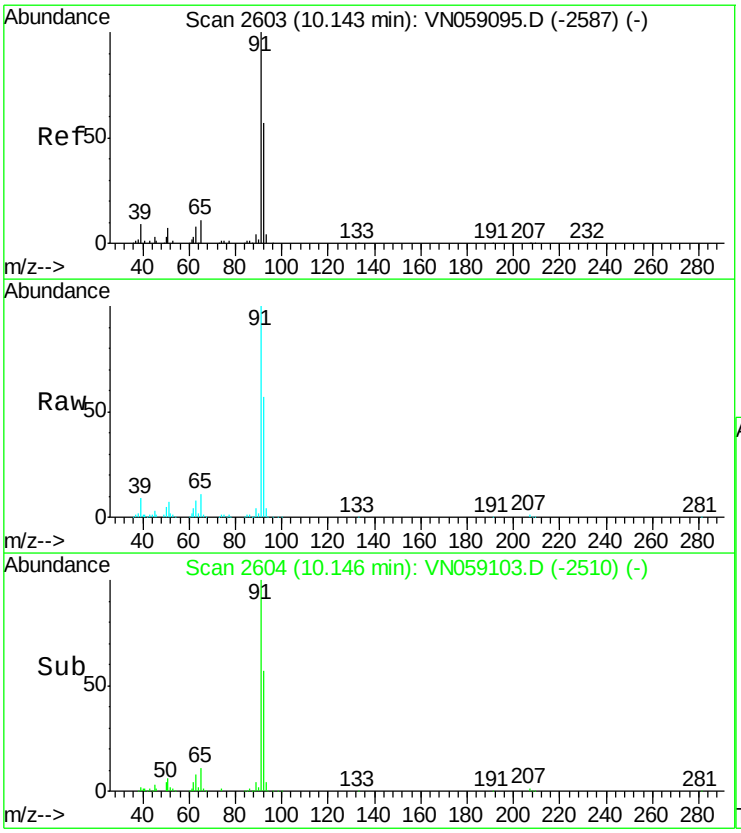
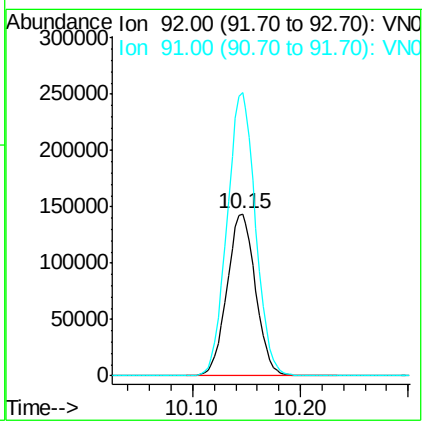


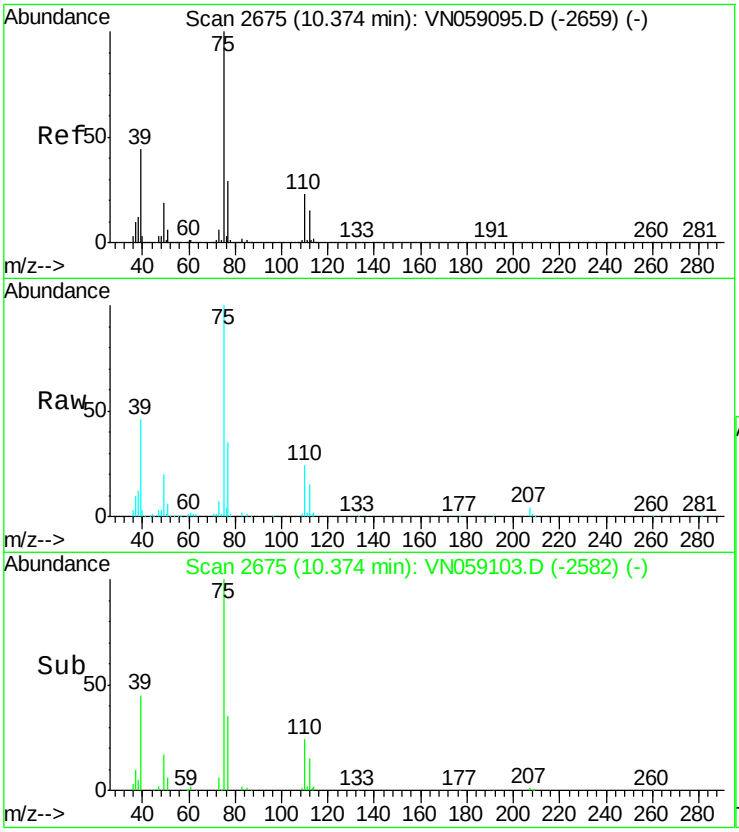


#52
Toluene
Concen: 20.398 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 92 Resp: 264890

Ion	Ratio	Lower	Upper
92	100		
91	174.5	139.5	209.3





#53
t-1,3-Dichloropropene
Concen: 19.898 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 75 Resp: 168345

Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.3	37.9

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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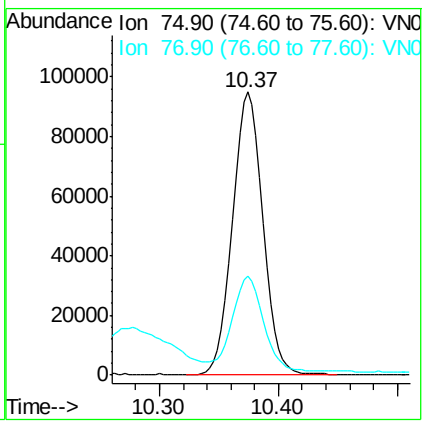
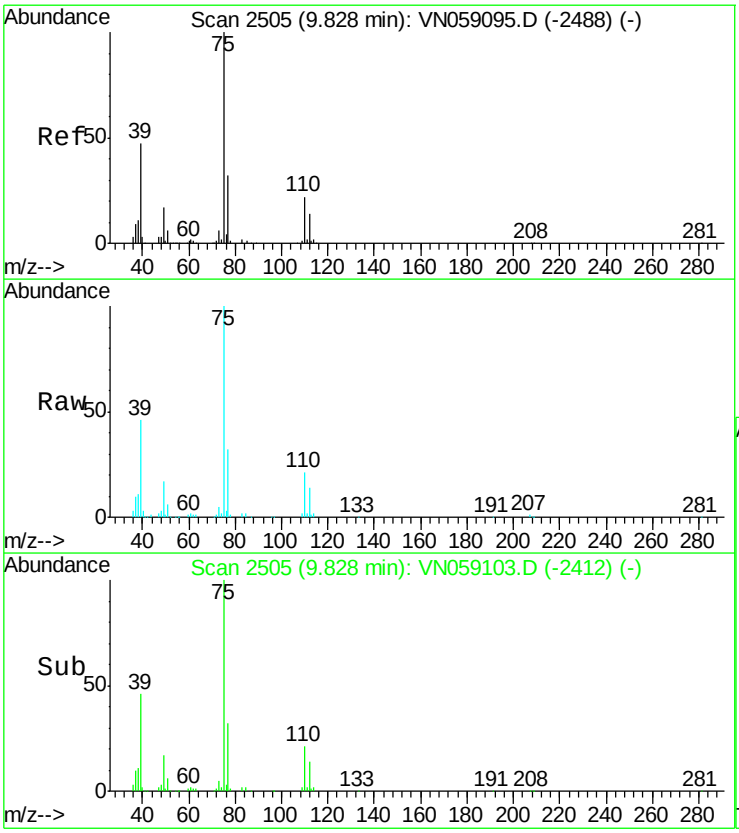
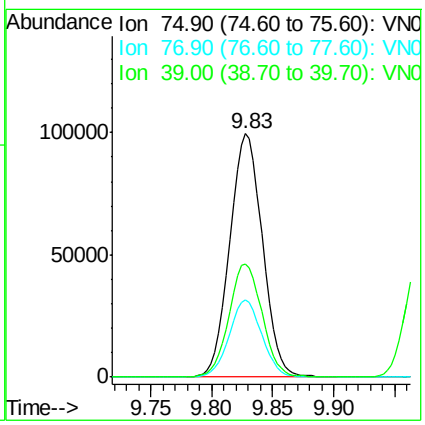


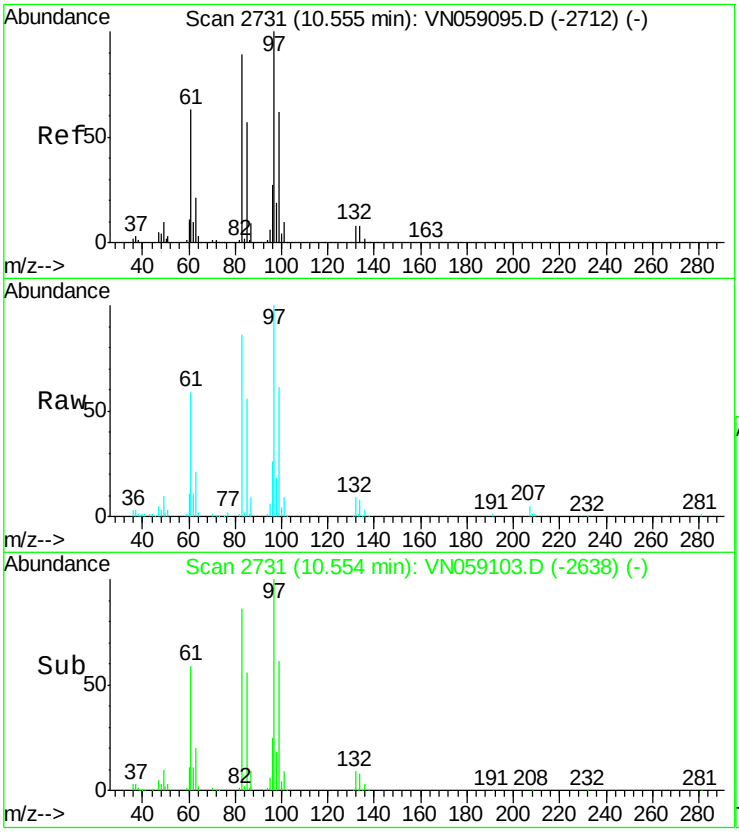


#54
cis-1,3-Dichloropropene
Concen: 20.394 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 75 Resp: 185595

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.5	38.3
39	46.5	37.3	55.9





#55
1,1,2-Trichloroethane
Concen: 20.531 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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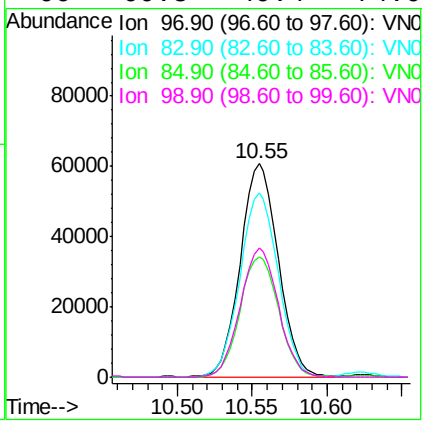
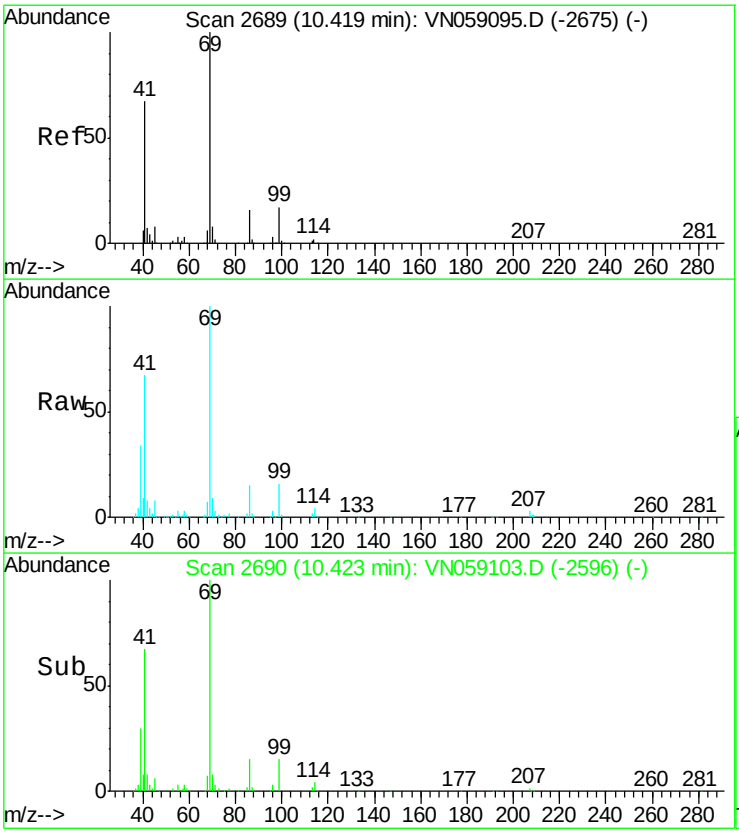
Tgt Ion: 97 Resp: 107904

Ion	Ratio	Lower	Upper
97	100		
83	86.4	71.0	106.4
85	56.2	45.8	68.8
99	60.8	49.4	74.0

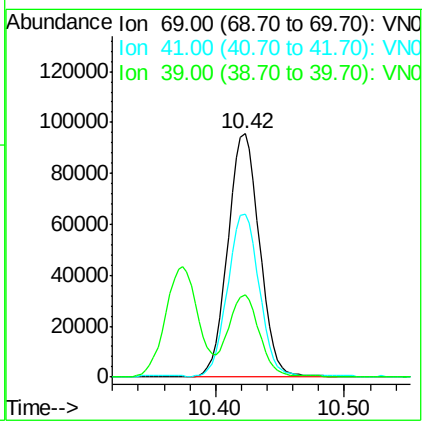


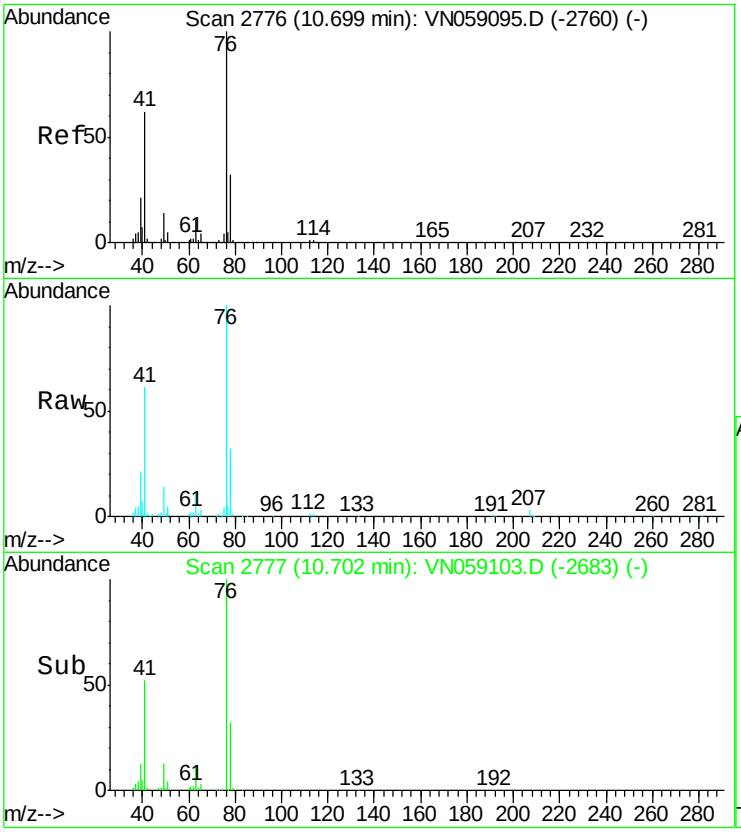


#56
Ethyl methacrylate
Concen: 19.834 ug/l
RT: 10.42 min Scan# 2690
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 69 Resp: 163569

Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.6	80.4
39	32.8	26.2	39.4





#57
1,3-Dichloropropane
Concen: 20.383 ug/l
RT: 10.70 min Scan# 2777
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 76 Resp: 184376

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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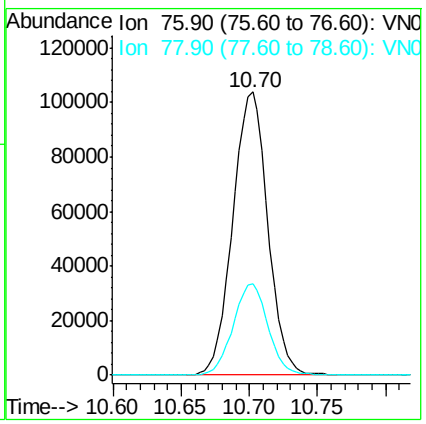
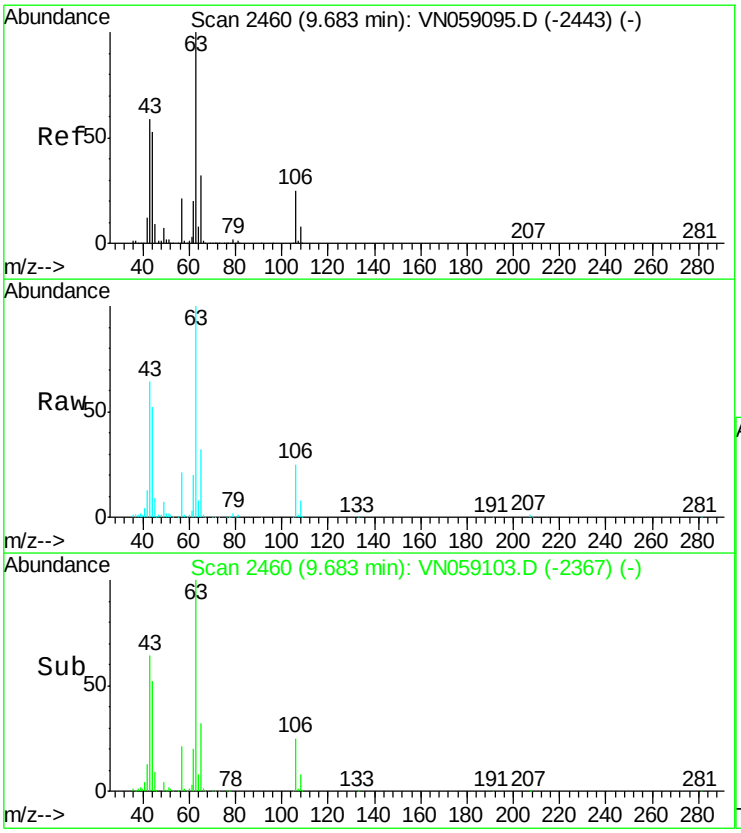
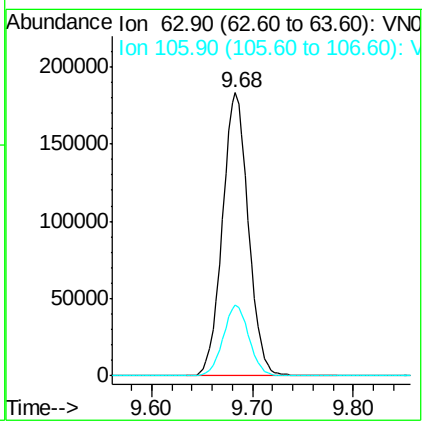


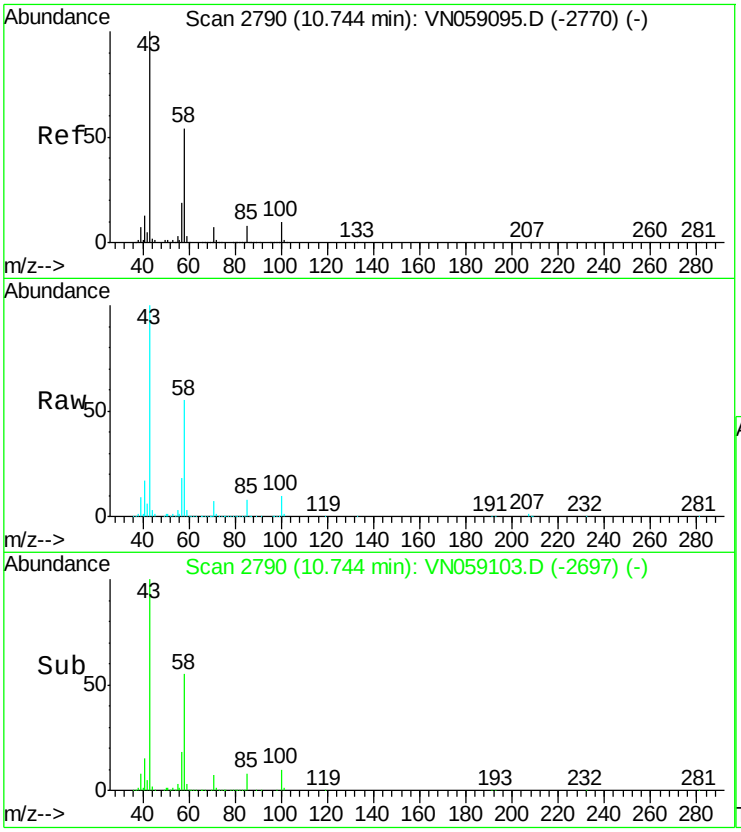


#58
2-Chloroethyl Vinyl ether
Concen: 112.535 ug/l
RT: 9.68 min Scan# 2460
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 63 Resp: 329149

Ion	Ratio	Lower	Upper
63	100		
106	25.0	20.2	30.2





#59
2-Hexanone
Concen: 109.107 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 43 Resp: 604655

Ion	Ratio	Lower	Upper
43	100		
58	54.4	27.3	81.8

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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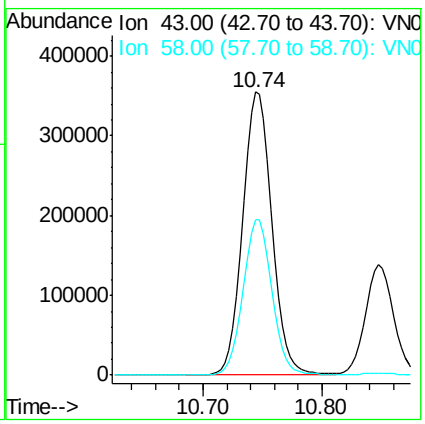
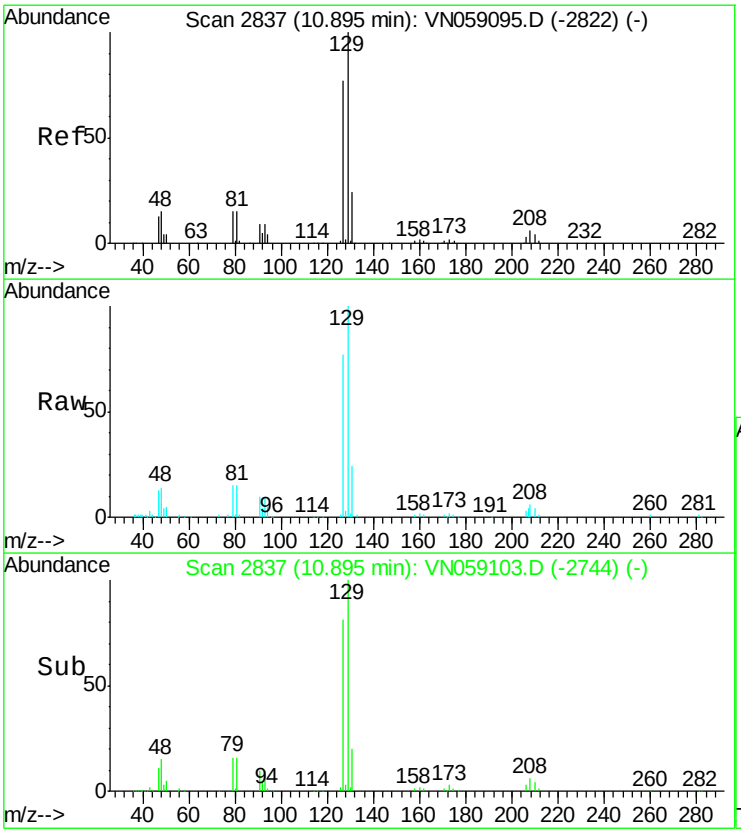
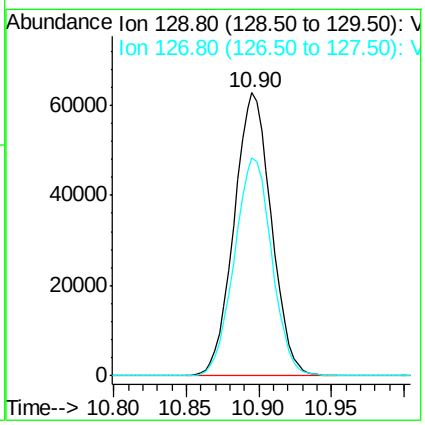


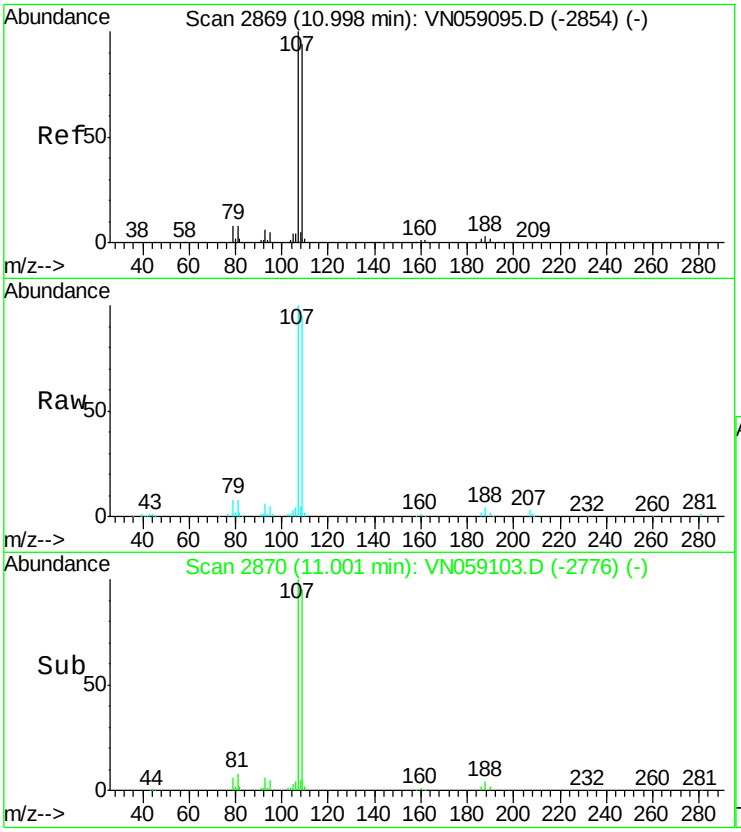


#60
Dibromochloromethane
Concen: 20.154 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:129 Resp: 111990

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.6	115.8





#61
1,2-Dibromoethane
Concen: 20.193 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:107 Resp: 107433

Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.5	113.3

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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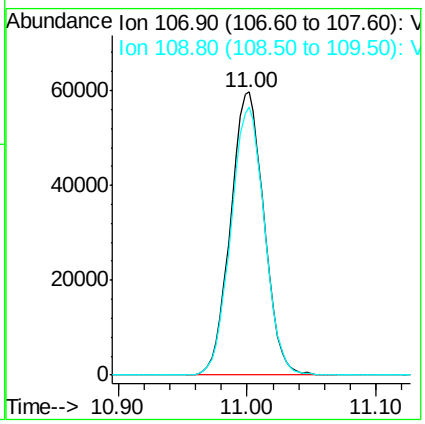
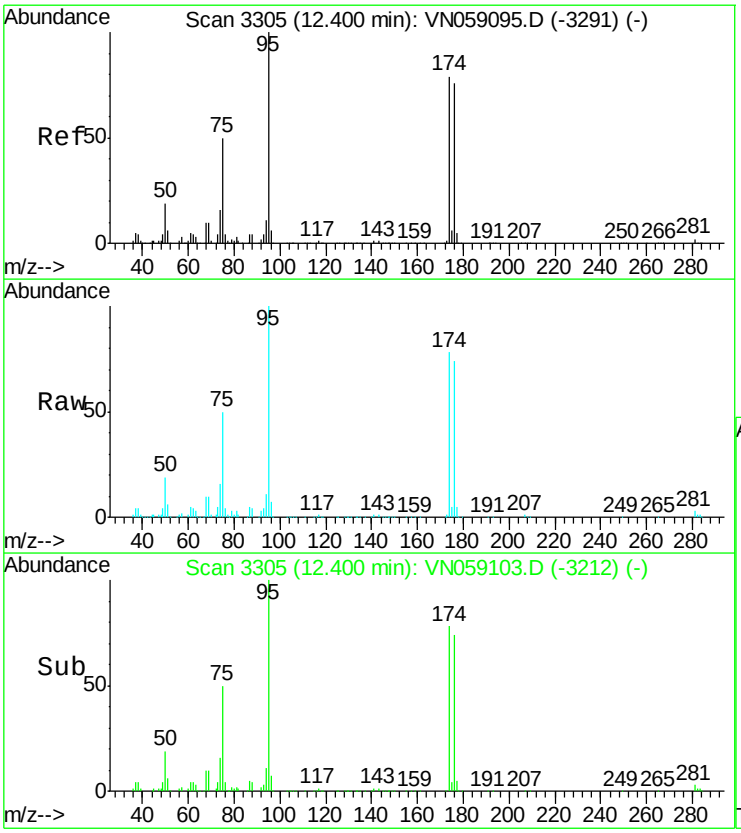
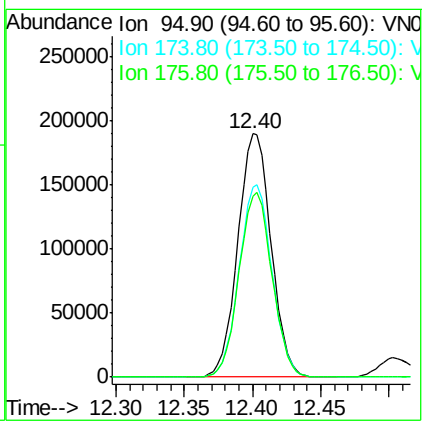


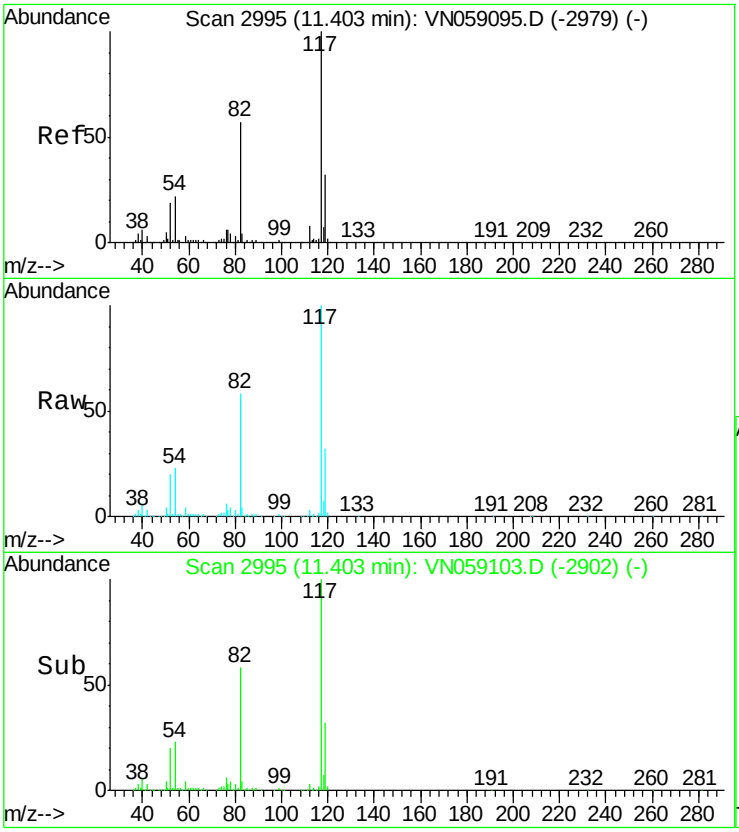


#62
4-Bromofluorobenzene
Concen: 49.271 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 95 Resp: 321614

Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	158.2
176	75.5	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: VN059103.D
Acq: 6 Nov 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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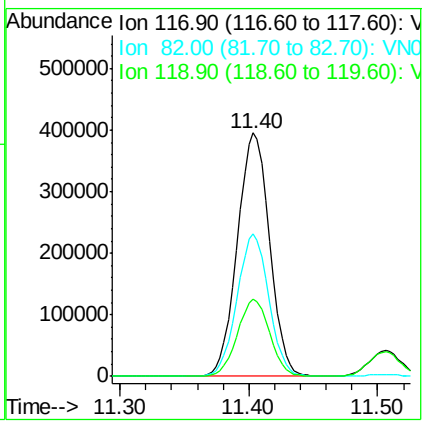
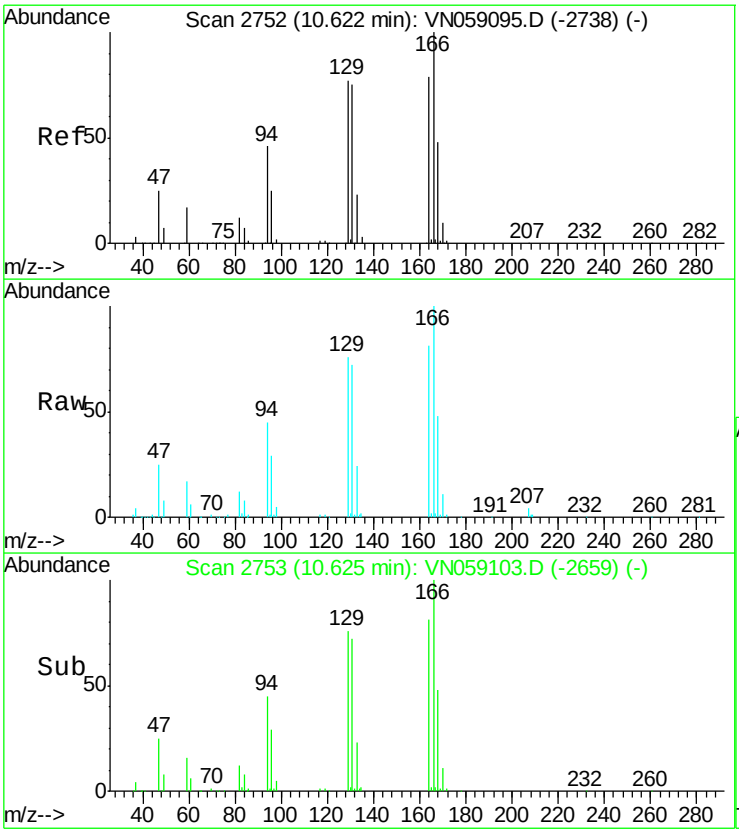
Tgt Ion:117 Resp: 687805

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.8	68.8
119	31.5	25.8	38.6

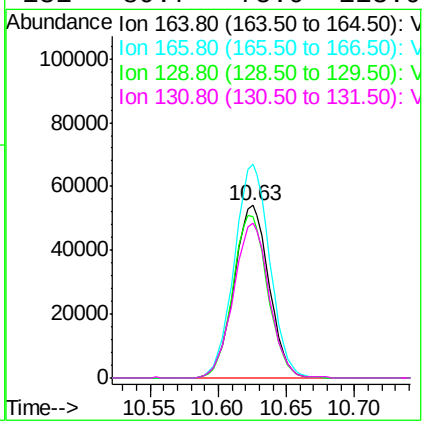


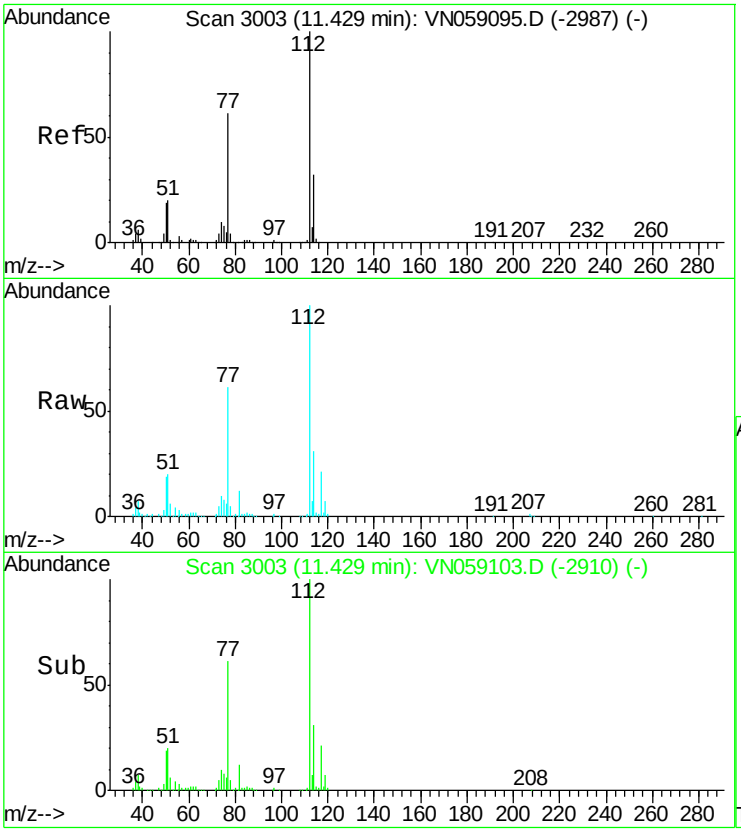


#64
Tetrachloroethene
Concen: 20.629 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:164 Resp: 96479

Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.5	152.3
129	93.7	78.3	117.5
131	89.7	75.9	113.9





#65
Chlorobenzene
Concen: 20.990 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:112 Resp: 281439

Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.2	37.8

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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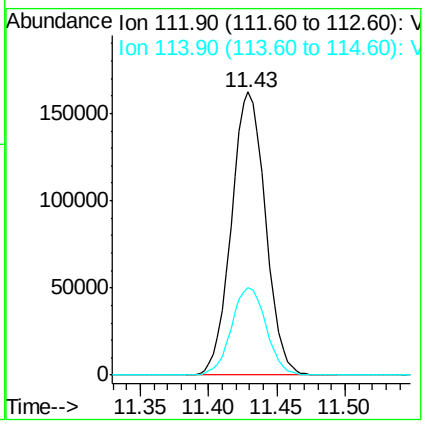
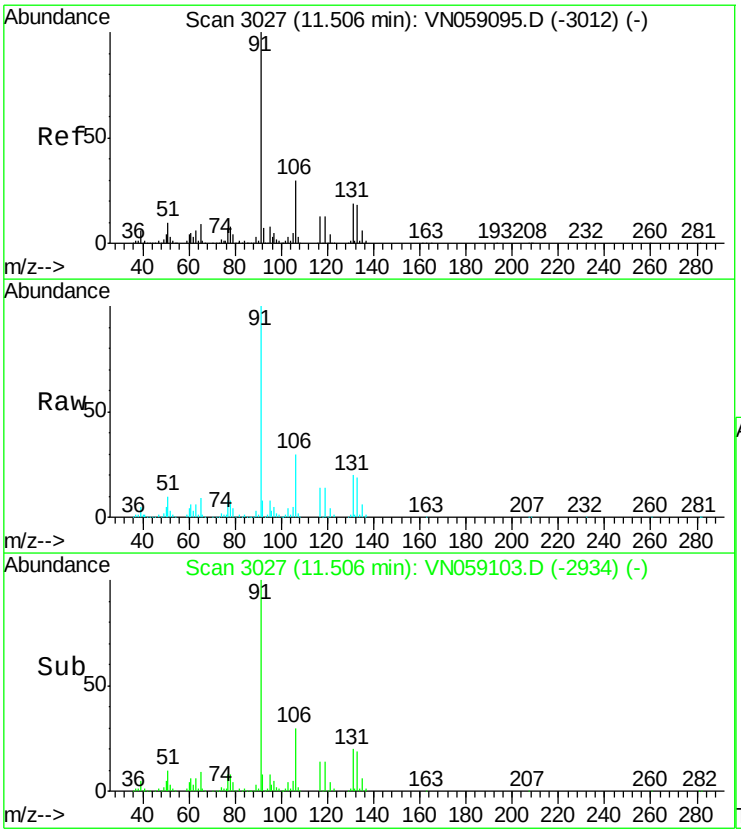
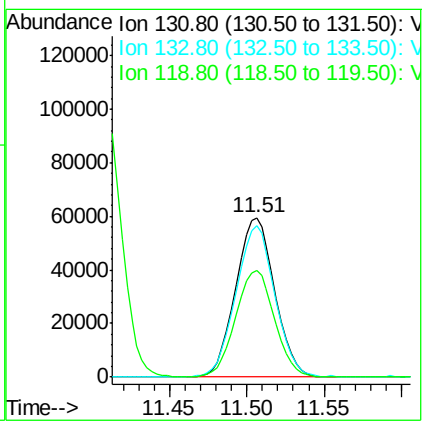


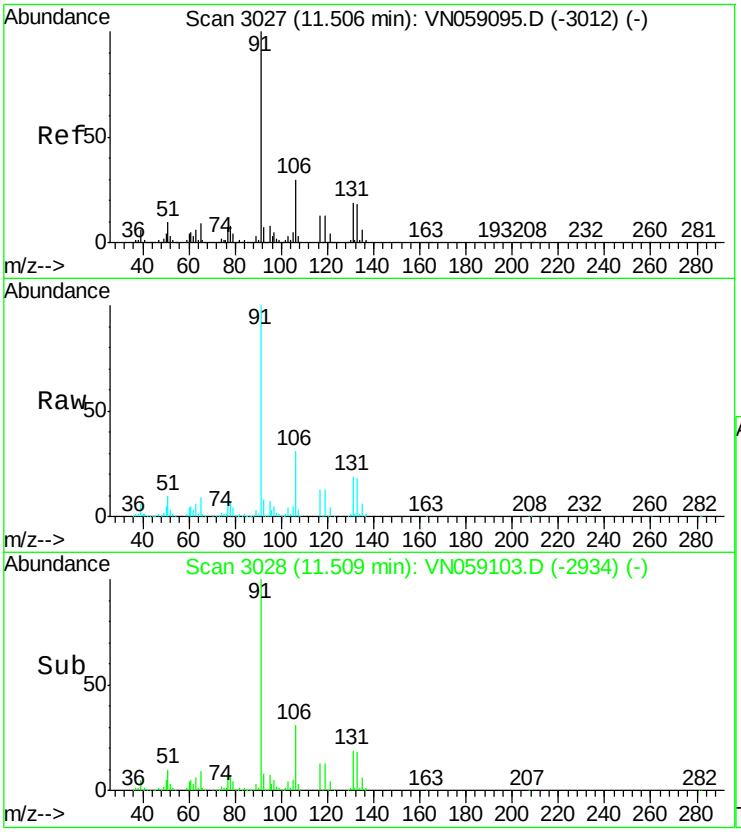


#66
1,1,1,2-Tetrachloroethane
Concen: 20.761 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:131 Resp: 104419

Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.4	142.3
119	67.0	33.2	99.6





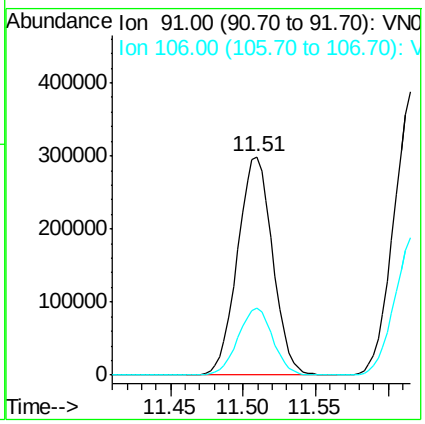
#67
Ethyl Benzene
Concen: 21.146 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

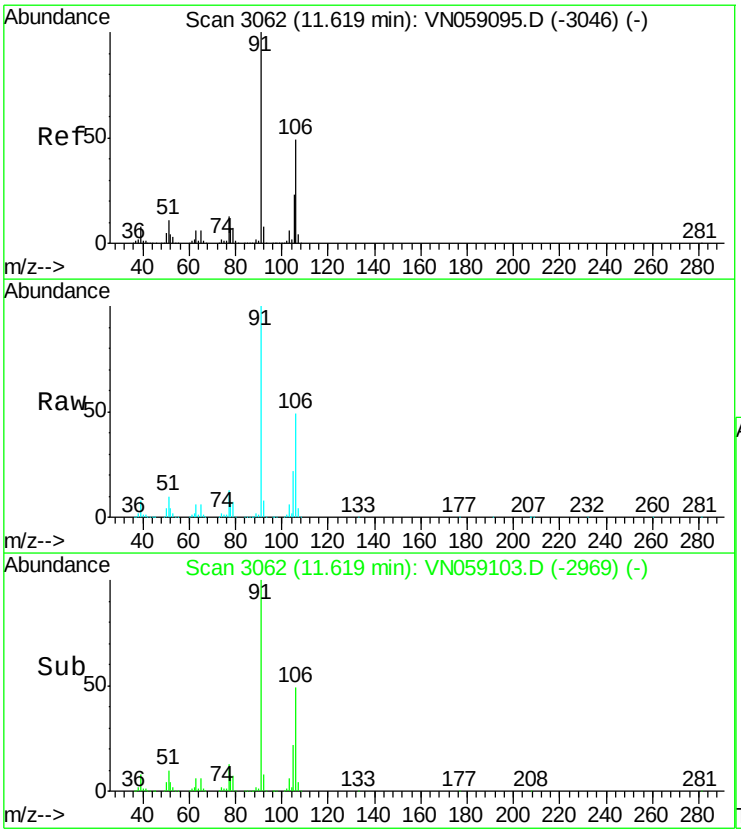
Tgt Ion: 91 Resp: 503034

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.1	36.1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

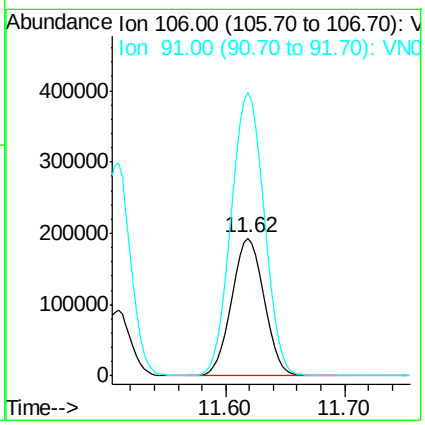


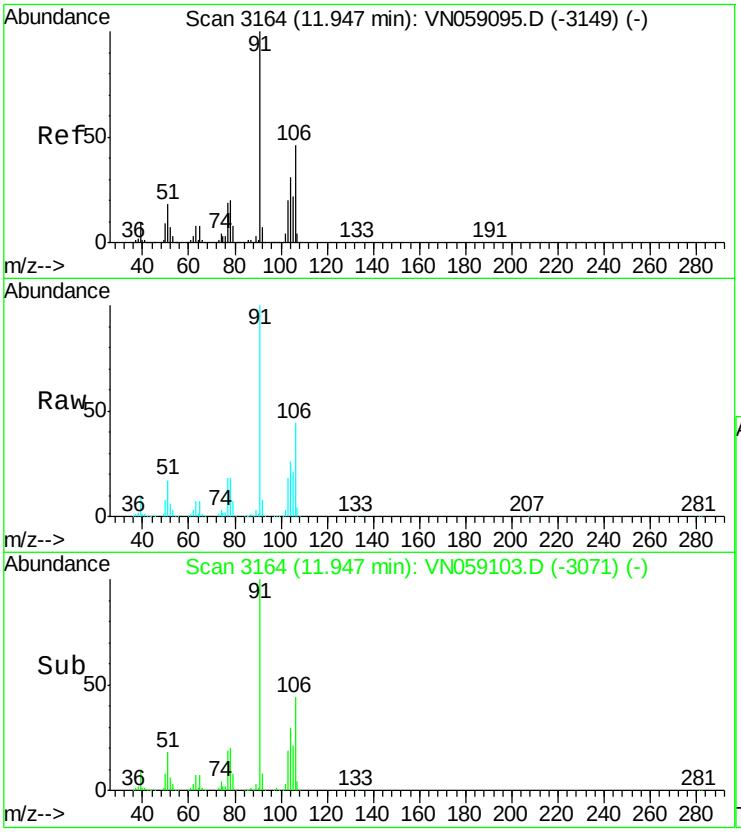


#68
m/p-Xylenes
Concen: 41.127 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:106 Resp: 366482

Ion	Ratio	Lower	Upper
106	100		
91	209.7	164.7	247.1





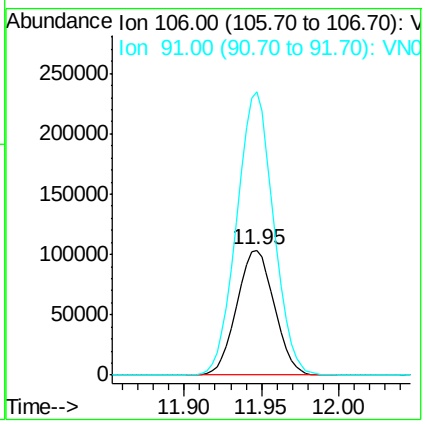
#69
o-Xylene
Concen: 20.385 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

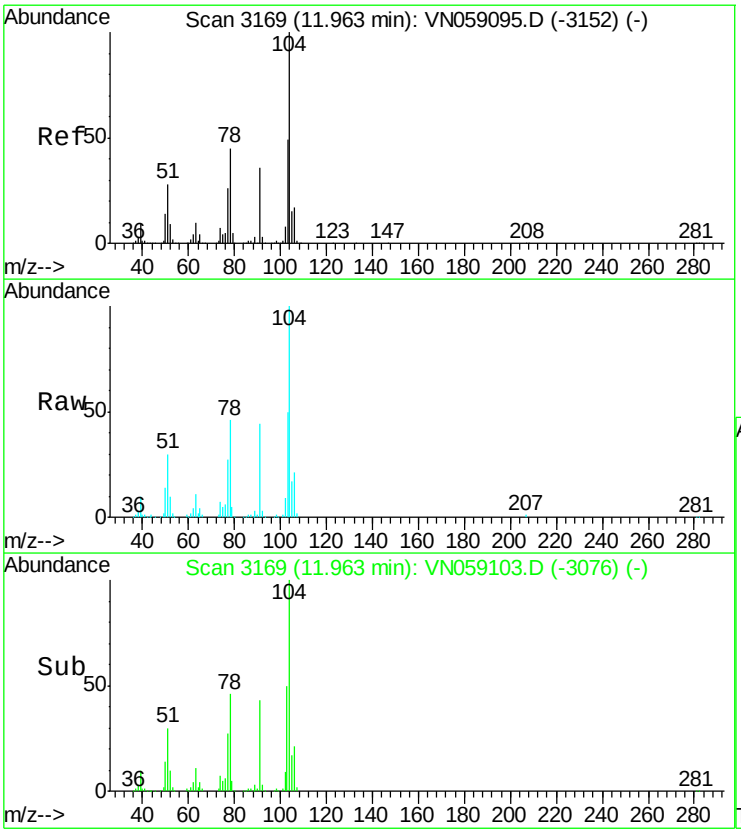
Tgt Ion:106 Resp: 175545

Ion	Ratio	Lower	Upper
106	100		
91	221.5	110.1	330.3

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

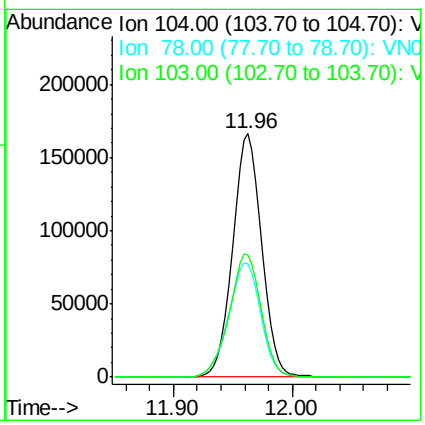


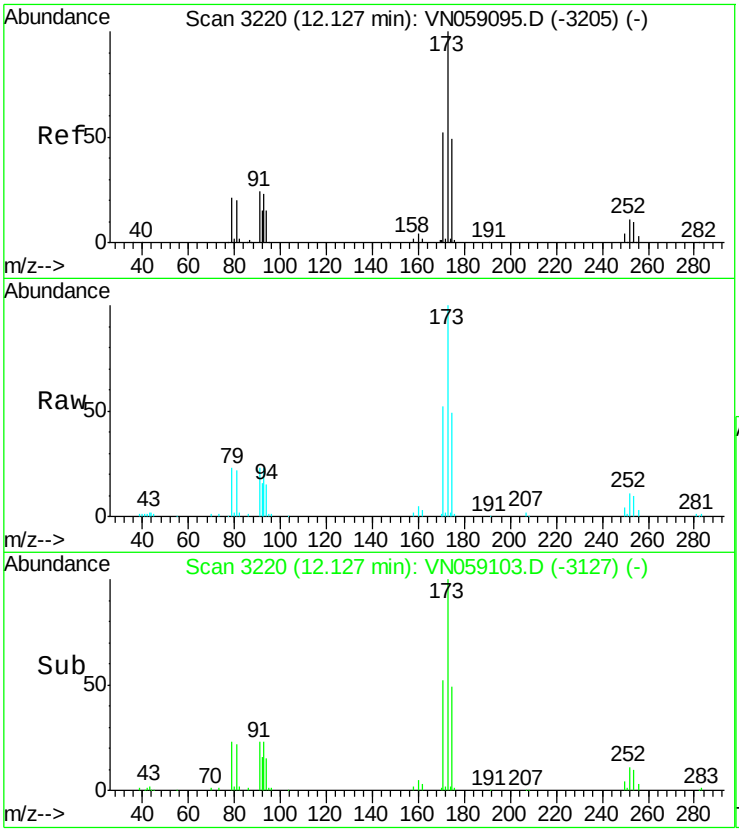


#70
Styrene
Concen: 20.721 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:104 Resp: 280642

Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.2	61.8
103	55.4	43.8	65.6





#71
Bromoform
Concen: 20.006 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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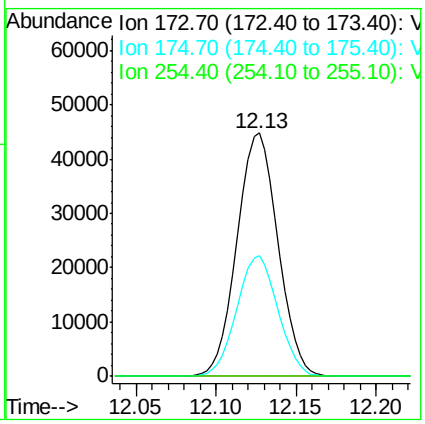
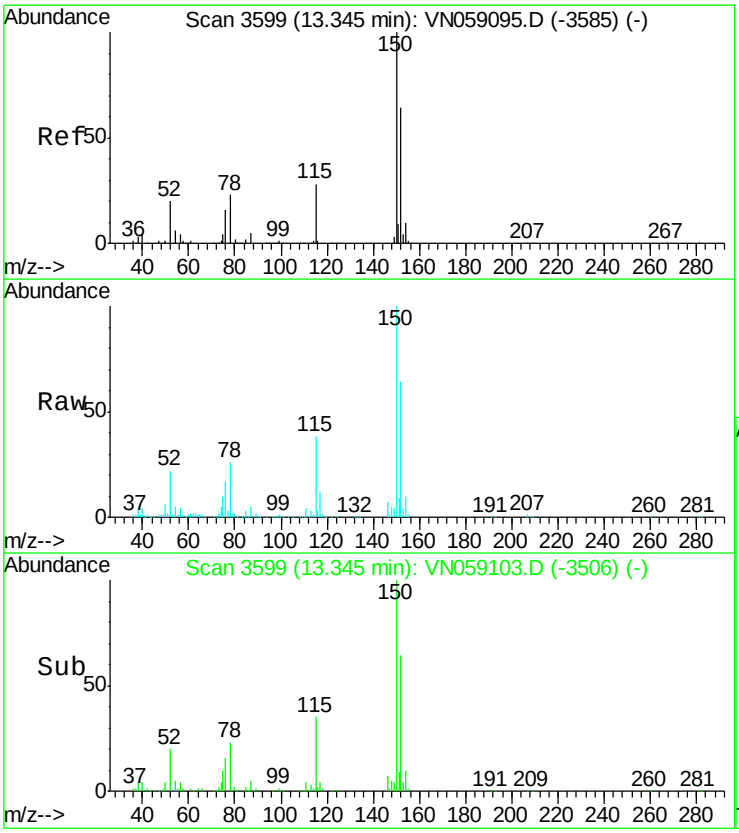
11/7/2019 9:16:32 AM

Tgt Ion:173 Resp: 78269

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.2	72.6
254	0.0	0.1	0.1#

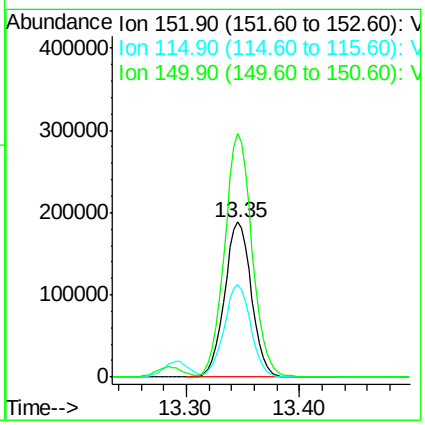


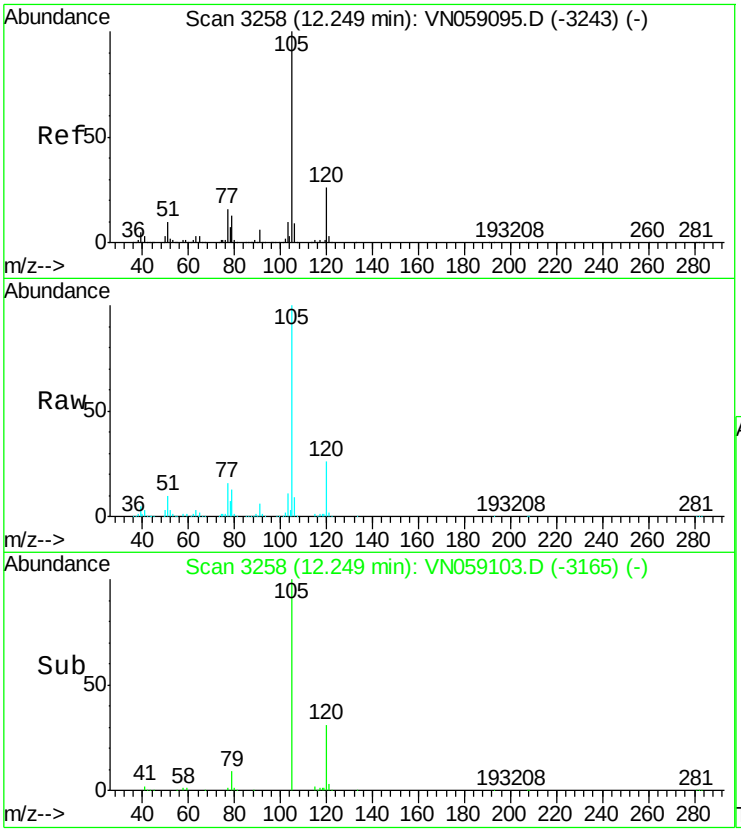


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:152 Resp: 309511

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.4	88.2
150	162.2	0.0	345.8





#73
Isopropylbenzene
Concen: 21.251 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:105 Resp: 478449

Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.3

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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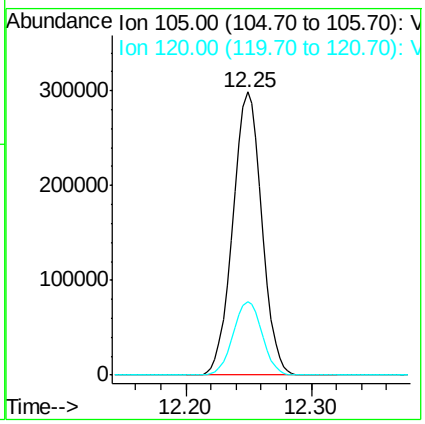
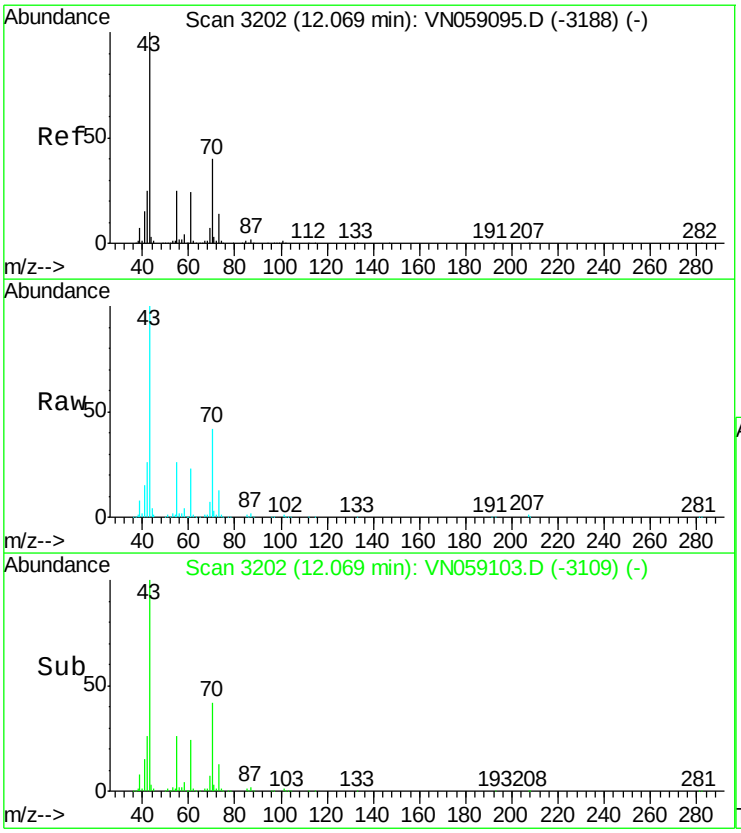
11/7/2019 9:16:32 AM

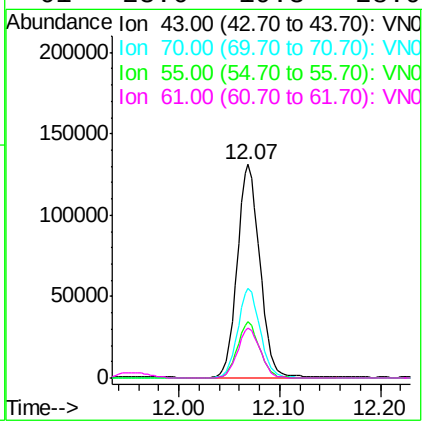


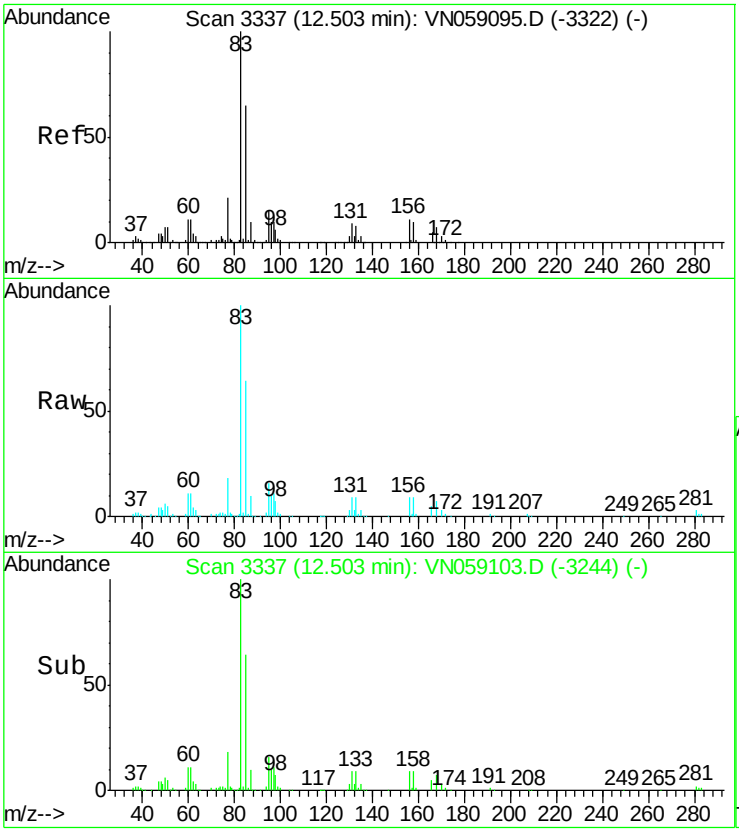


#74
N-amyl acetate
Concen: 21.297 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 43 Resp: 203177

Ion	Ratio	Lower	Upper
43	100		
70	41.6	32.2	48.4
55	25.8	20.4	30.6
61	23.6	19.3	28.9





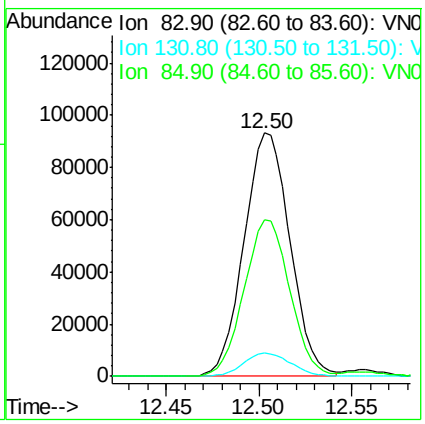
#75
1,1,2,2-Tetrachloroethane
Concen: 21.078 ug/l
RT: 12.50 min Scan# 3337
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

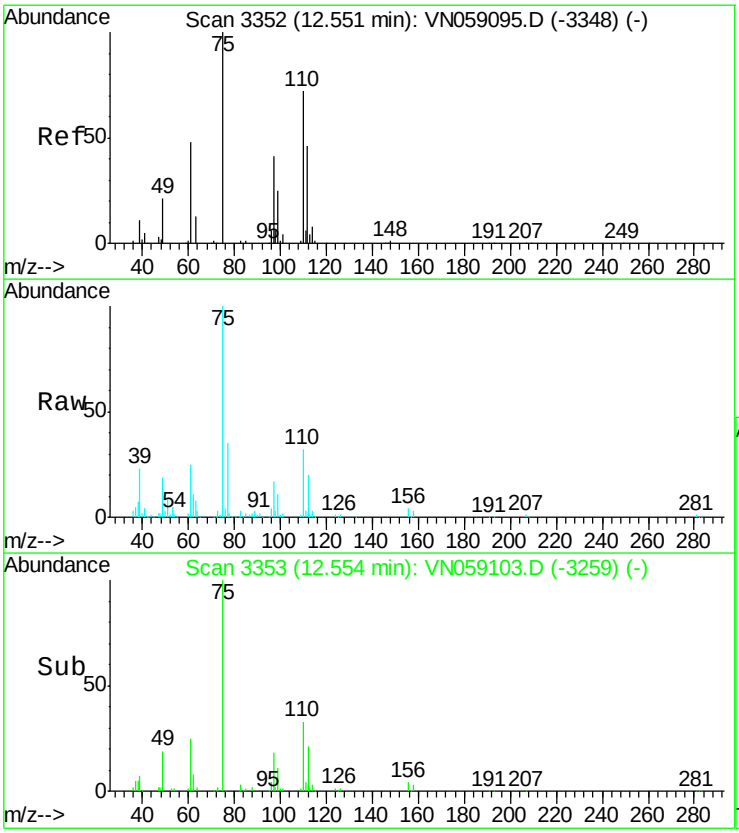
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

Tgt Ion: 83 Resp: 161605

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.6
85	63.8	32.4	97.2

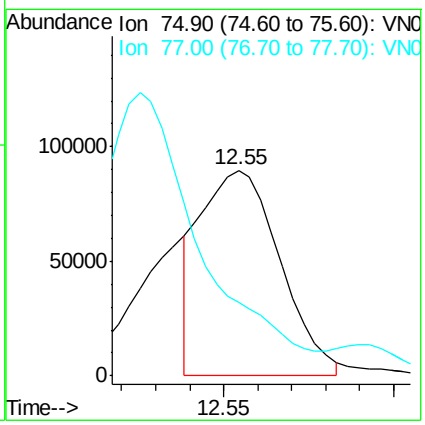


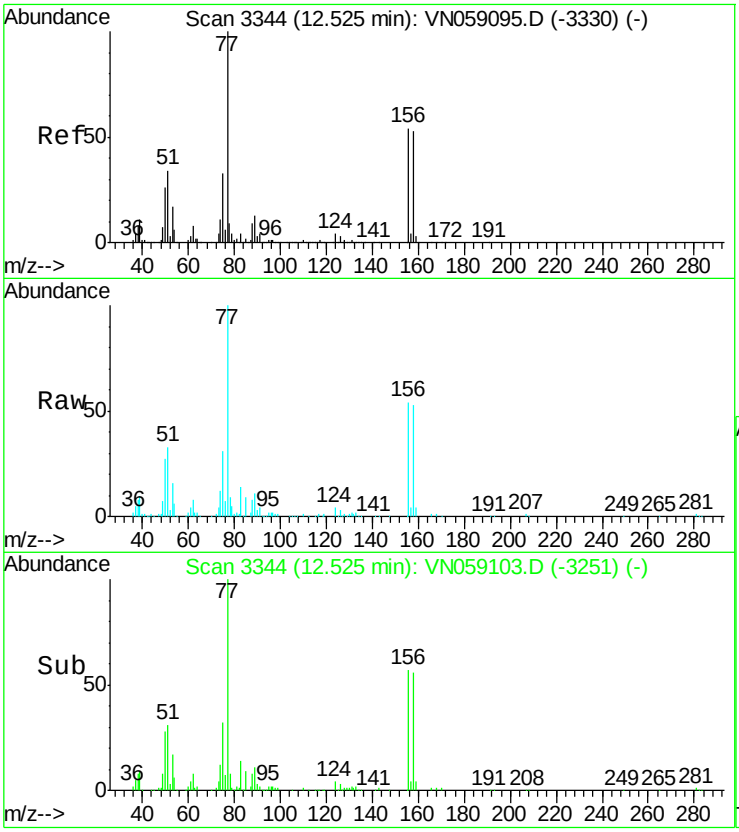


#76
1,2,3-Trichloropropane
Concen: 20.715 ug/l m
RT: 12.55 min Scan# 3353
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 75 Resp: 145968

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





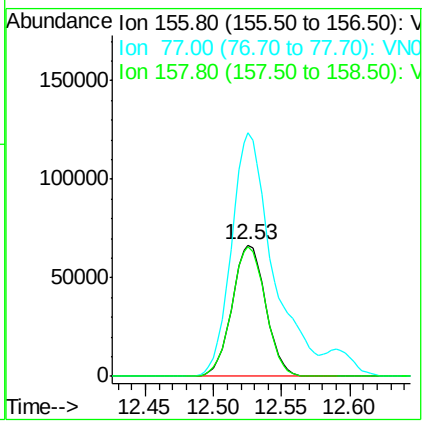
#77
Bromobenzene
Concen: 20.139 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

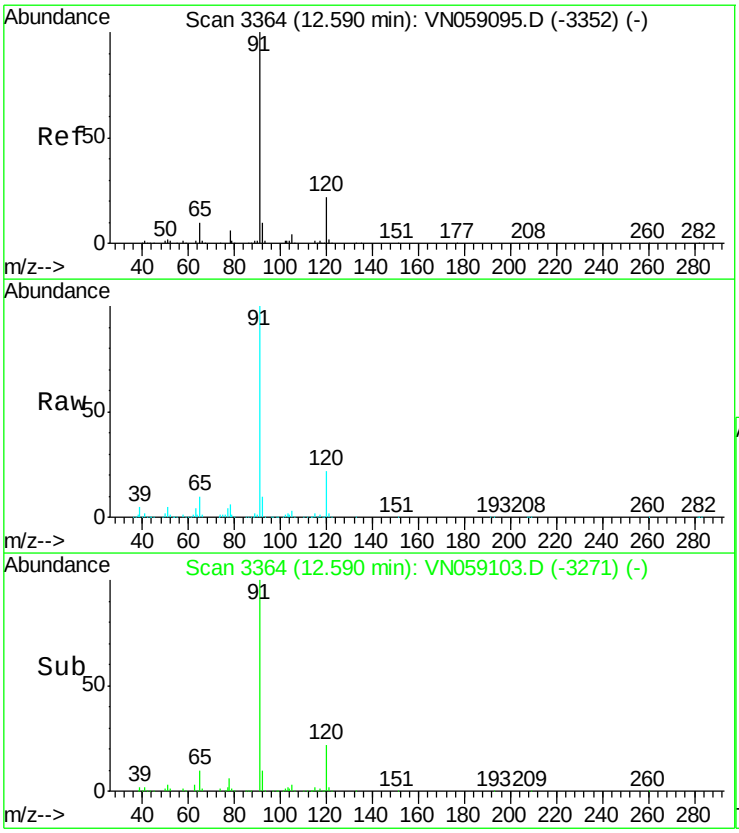
Tgt Ion:156 Resp: 113917

Ion	Ratio	Lower	Upper
156	100		
77	227.6	112.8	338.3
158	98.9	48.4	145.3

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

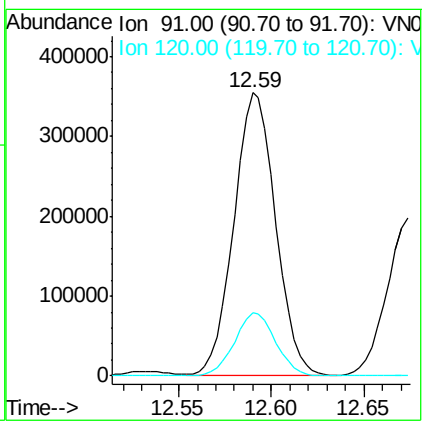


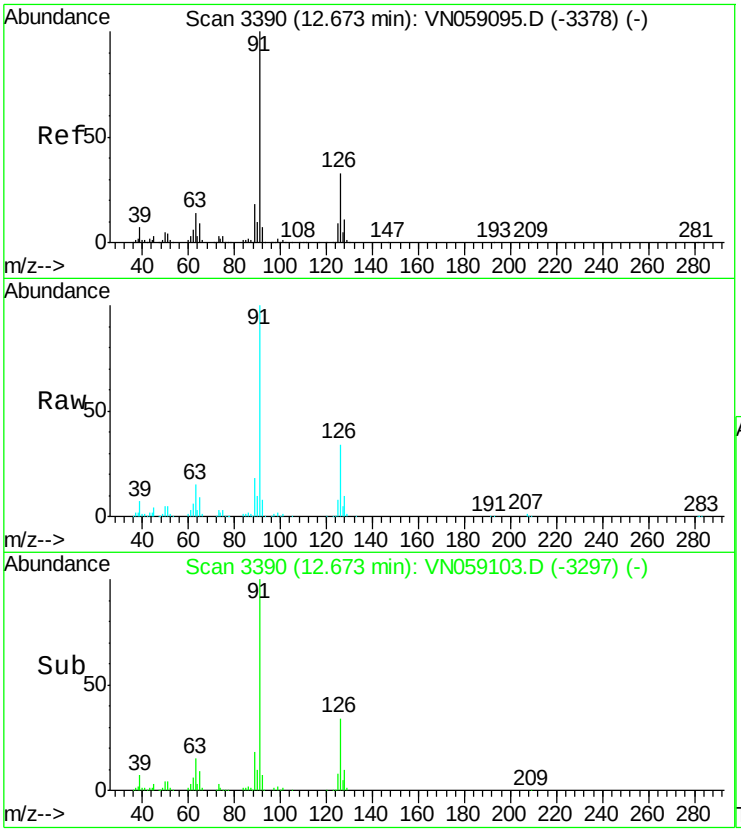


#78
n-propylbenzene
Concen: 21.317 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 91 Resp: 549529

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.2	33.5





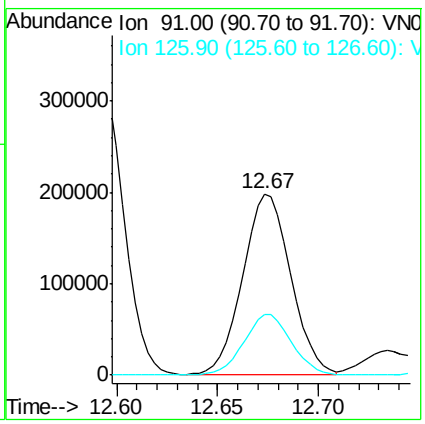
#79
2-Chlorotoluene
Concen: 20.547 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

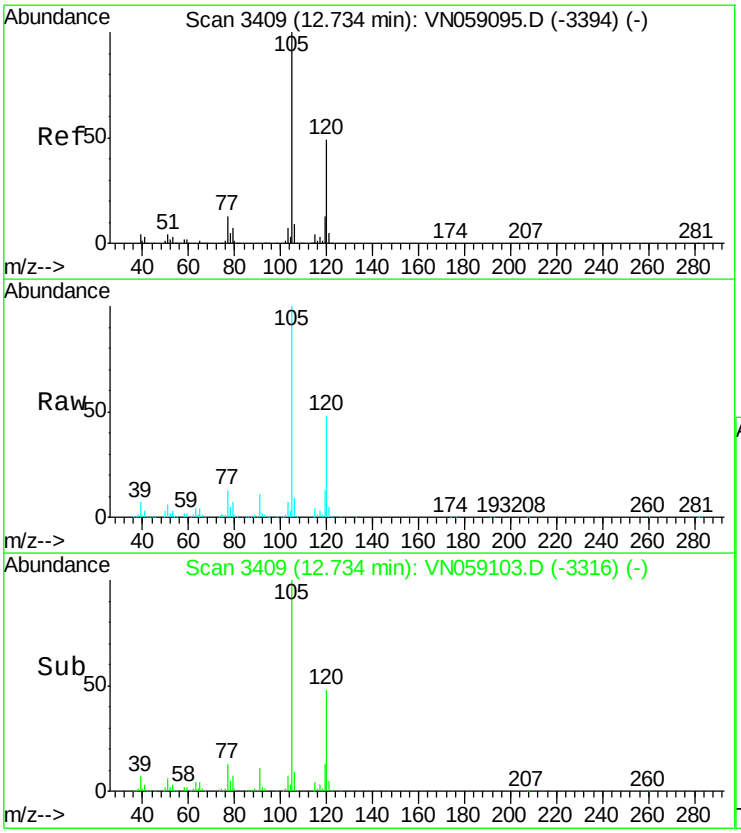
Tgt Ion: 91 Resp: 328583

Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.7	50.1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

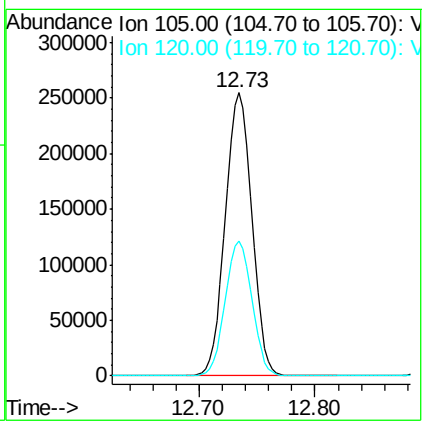


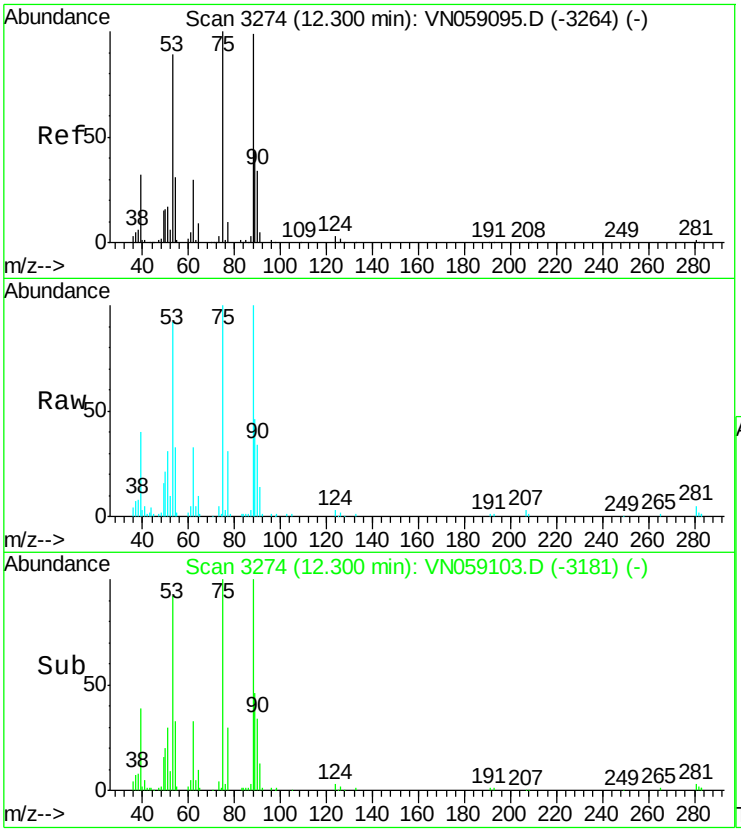


#80
1,3,5-Trimethylbenzene
Concen: 21.039 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:105 Resp: 401373

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.0	72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 20.320 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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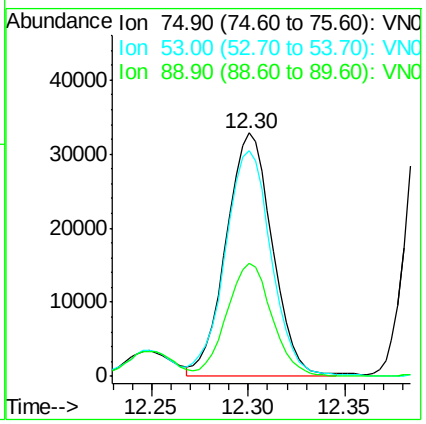
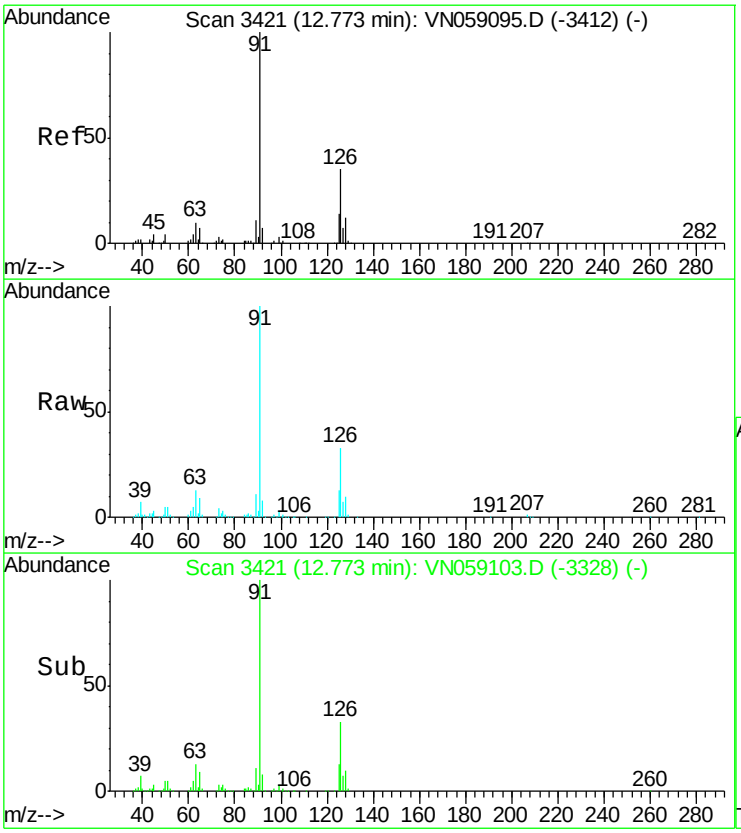
11/7/2019 9:16:32 AM

Tgt Ion: 75 Resp: 54212

Ion	Ratio	Lower	Upper
75	100		
53	93.6	72.2	108.2
89	45.5	35.8	53.8

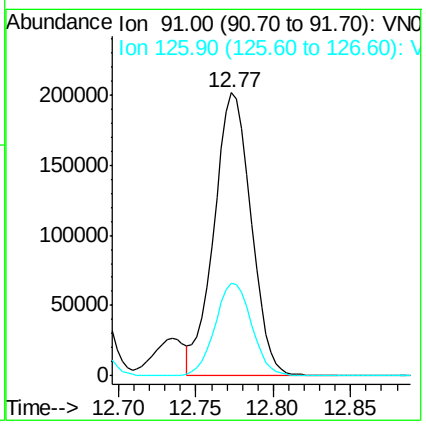


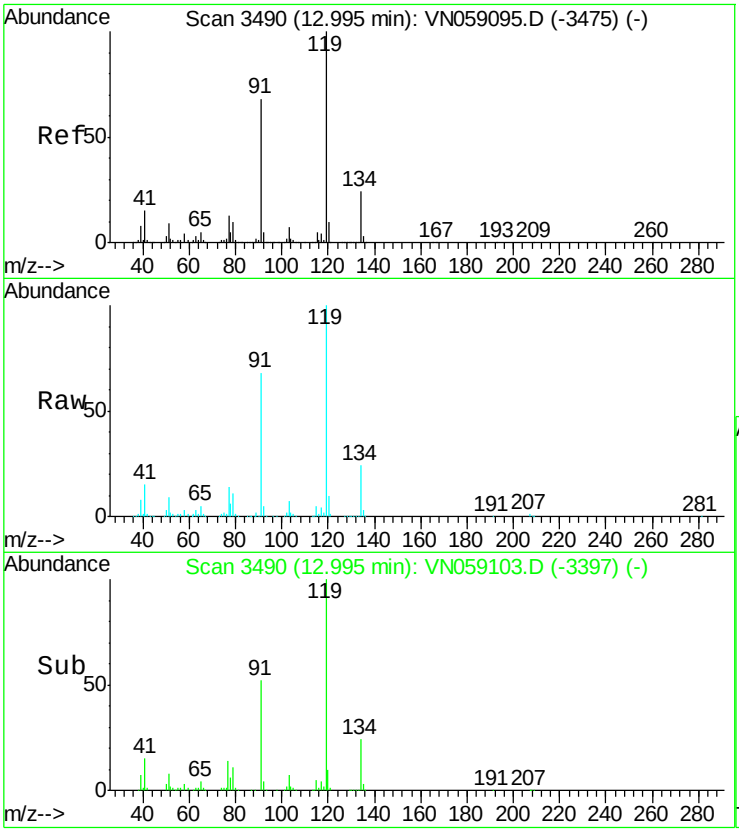


#82
4-Chlorotoluene
Concen: 20.810 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 91 Resp: 333771

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.1	48.2





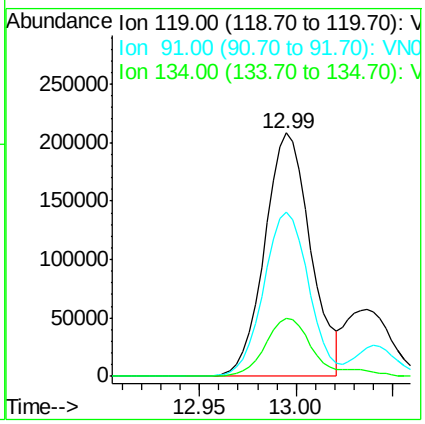
#83
tert-Butylbenzene
Concen: 20.829 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

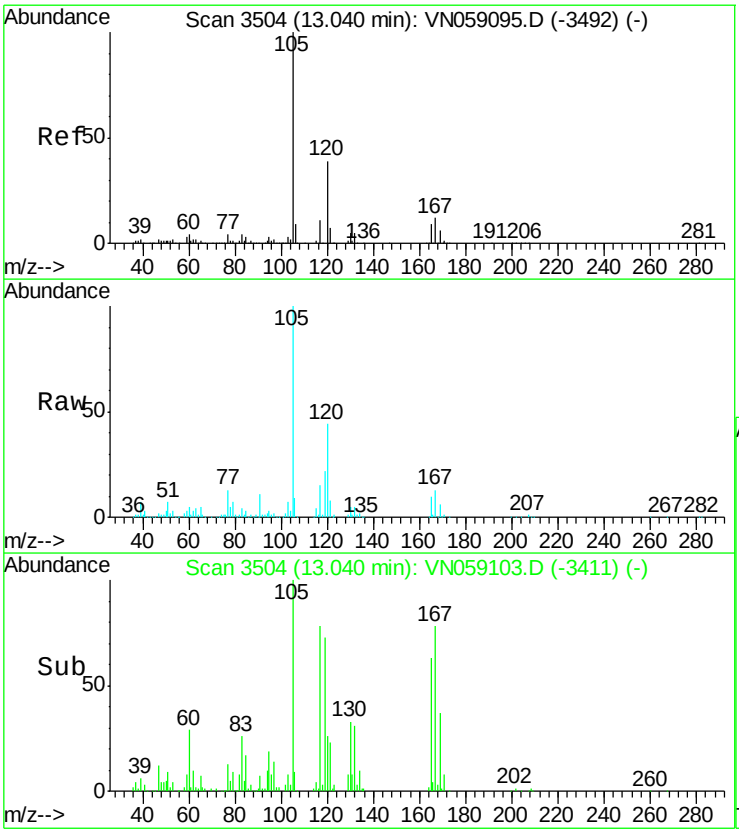
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

Tgt Ion:119 Resp: 343144

Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.2	99.6
134	25.5	12.7	38.1

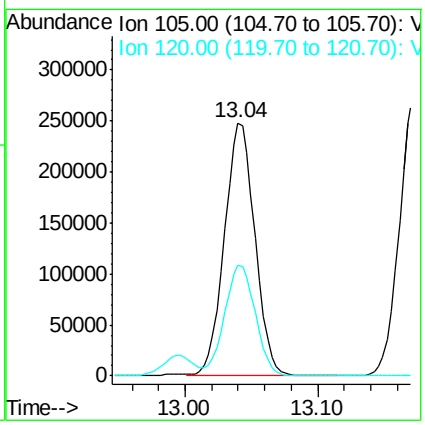


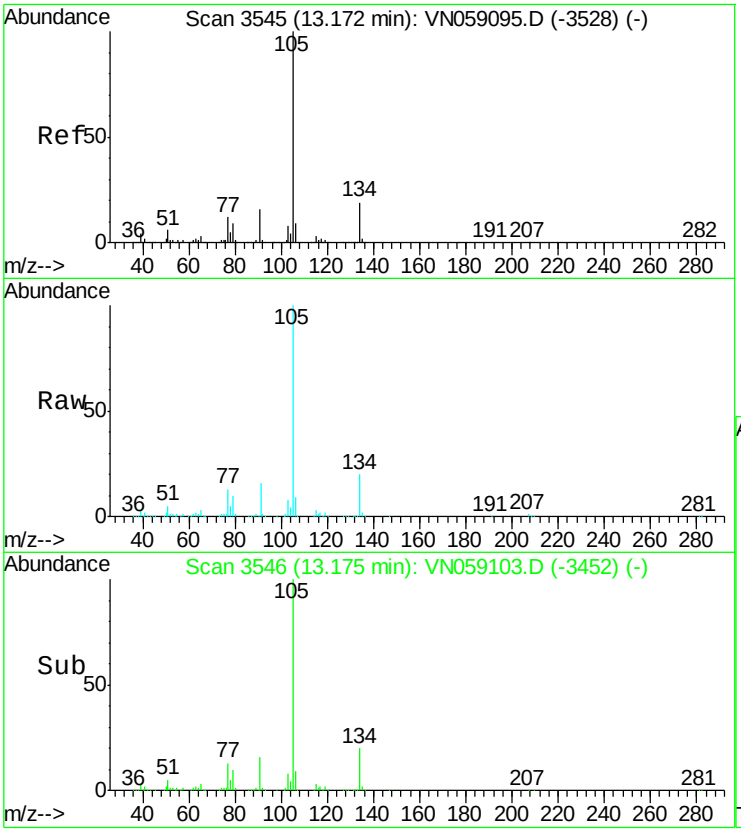


#84
1,2,4-Trimethylbenzene
Concen: 21.436 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:105 Resp: 395647

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.8	68.4





#85
sec-Butylbenzene
Concen: 20.940 ug/l
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:105 Resp: 448654

Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.7	29.1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

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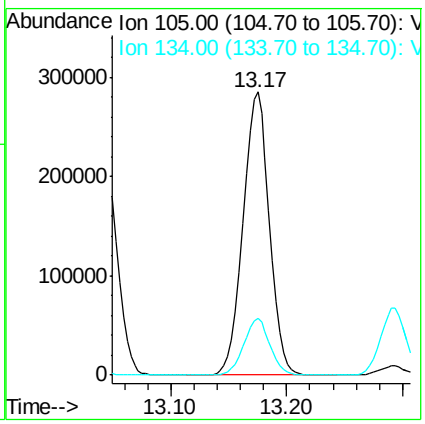
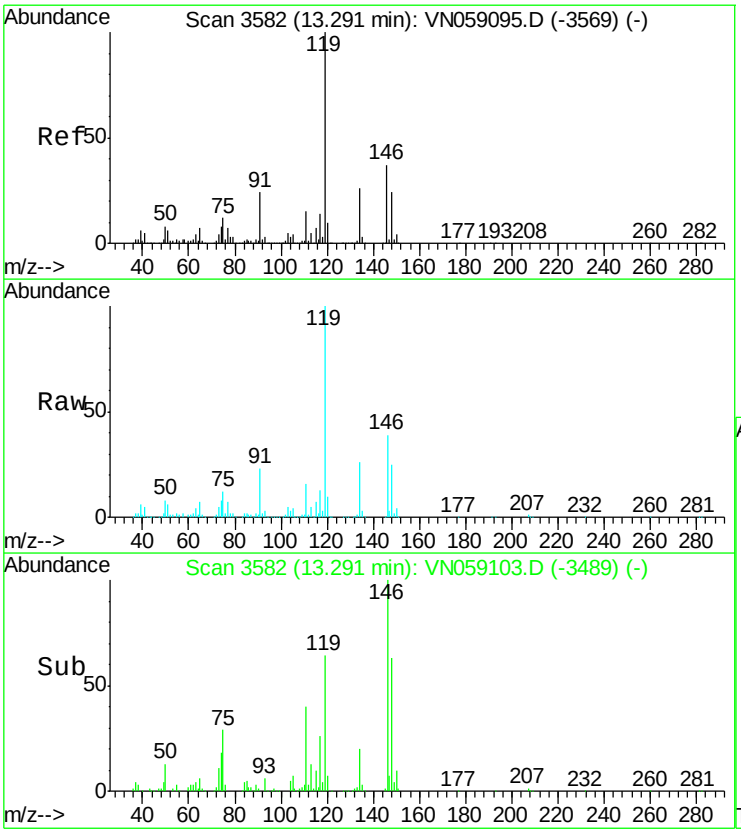
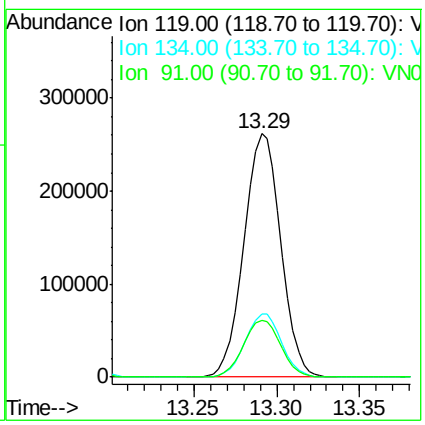


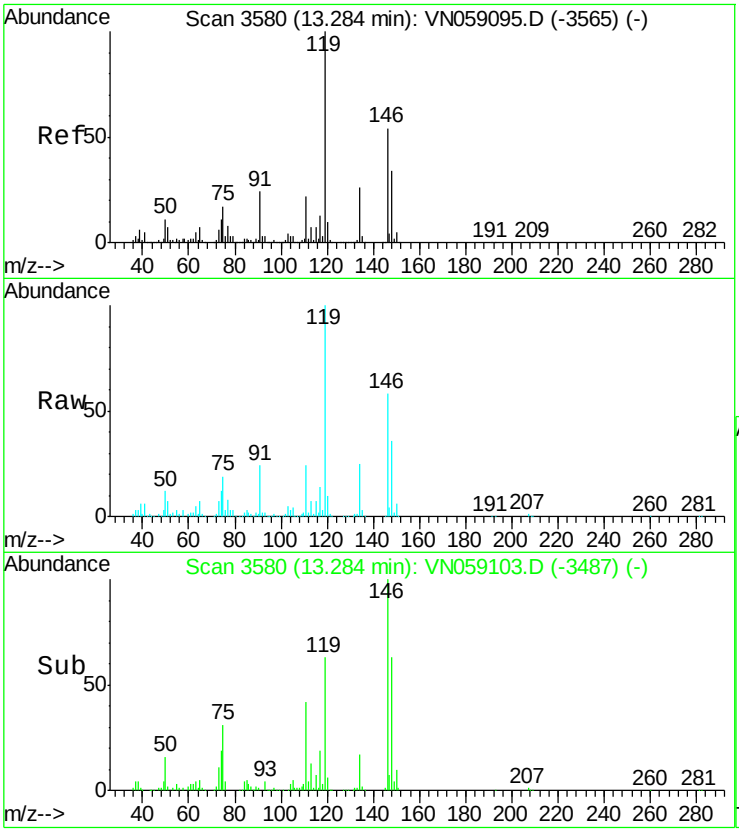


#86
p-Isopropyltoluene
Concen: 21.368 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:119 Resp: 404246

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	38.9
91	23.6	11.7	35.1





#87
1,3-Dichlorobenzene
Concen: 20.585 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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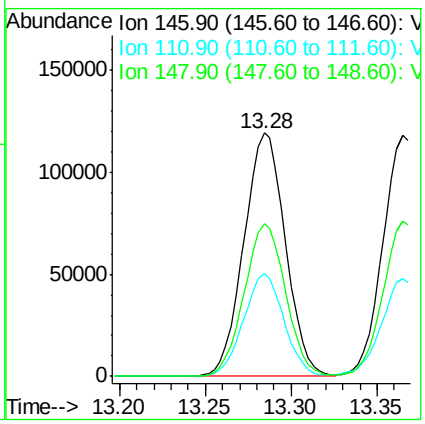
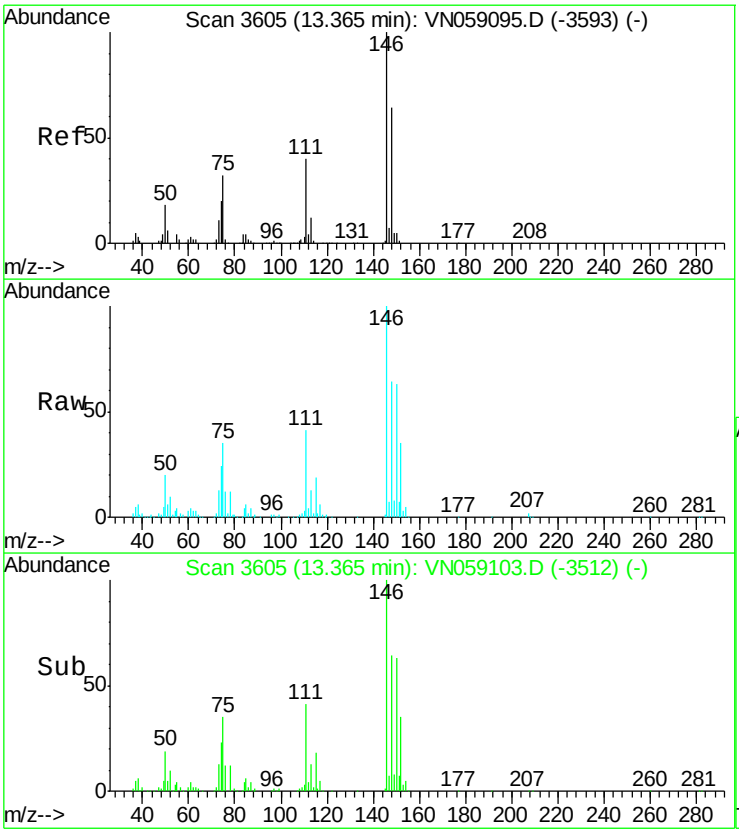
Tgt Ion:146 Resp: 199392

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.3
148	62.5	32.2	96.6

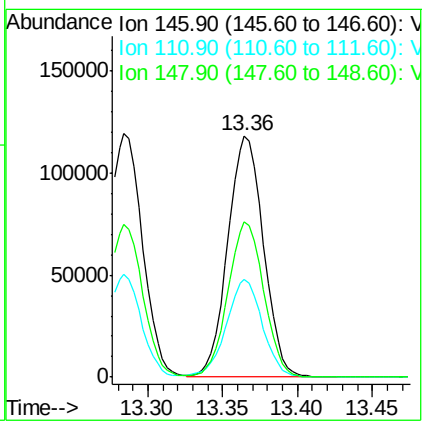


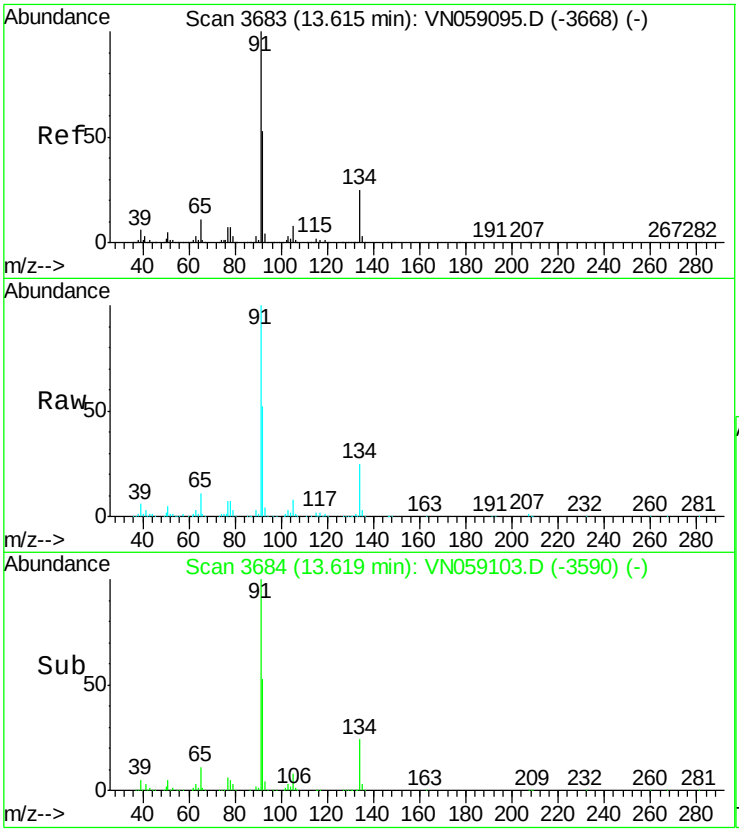


#88
1,4-Dichlorobenzene
Concen: 20.219 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:146 Resp: 195948

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	64.9	31.9	95.7





#89
n-Butylbenzene
Concen: 20.607 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 91 Resp: 341215

Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.1	78.3
134	24.9	12.6	37.8

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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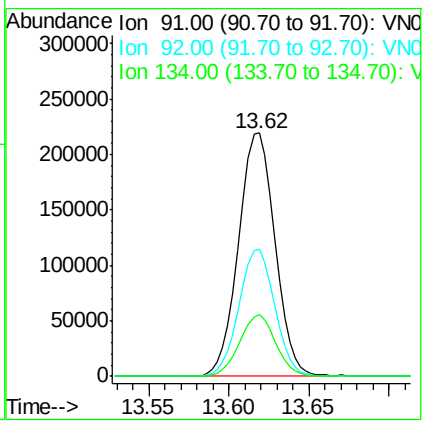
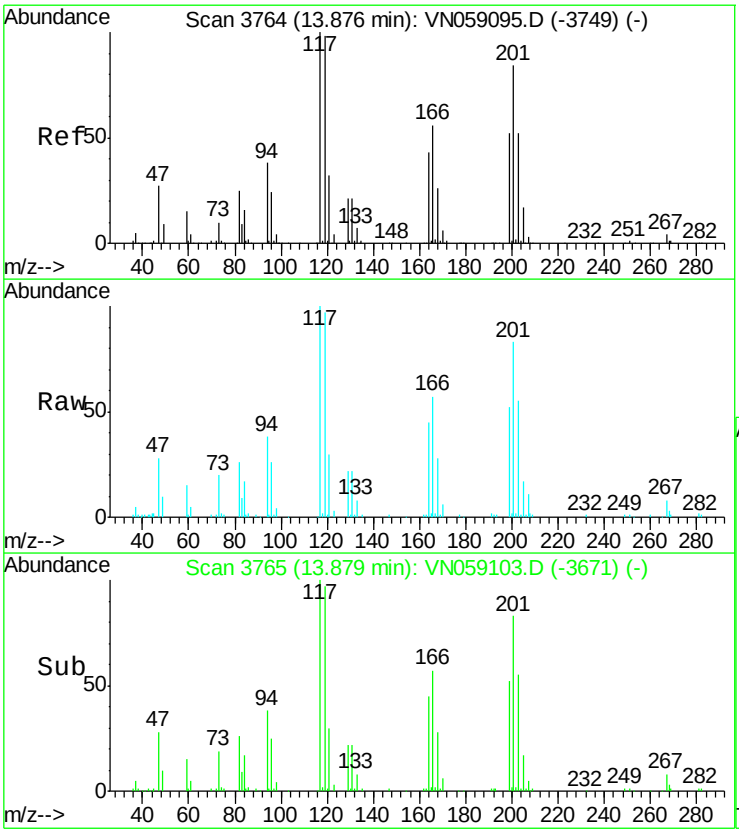
11/7/2019 9:16:32 AM

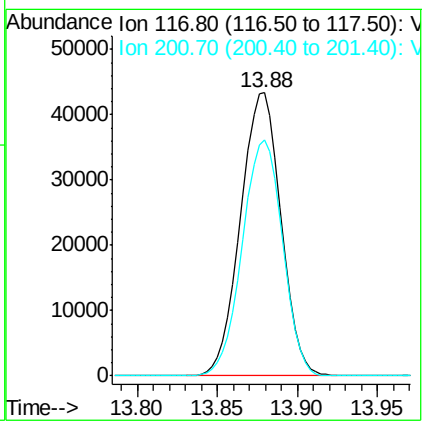


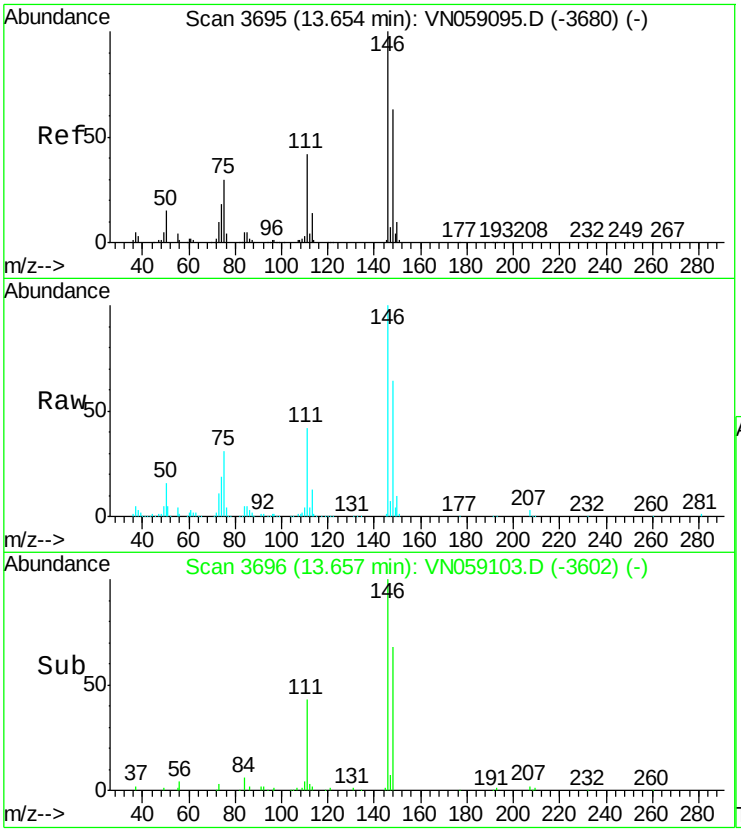


#90
Hexachloroethane
Concen: 19.729 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:117 Resp: 74947

Ion	Ratio	Lower	Upper
117	100		
201	82.8	41.8	125.3





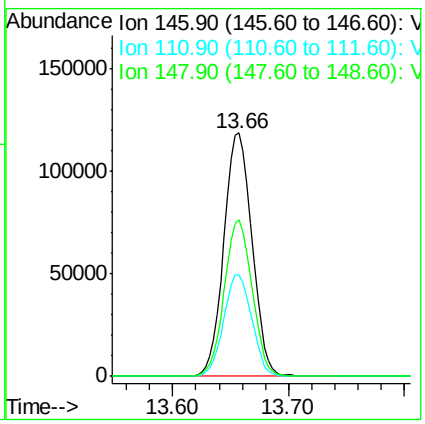
#91
1,2-Dichlorobenzene
Concen: 20.948 ug/l
RT: 13.66 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

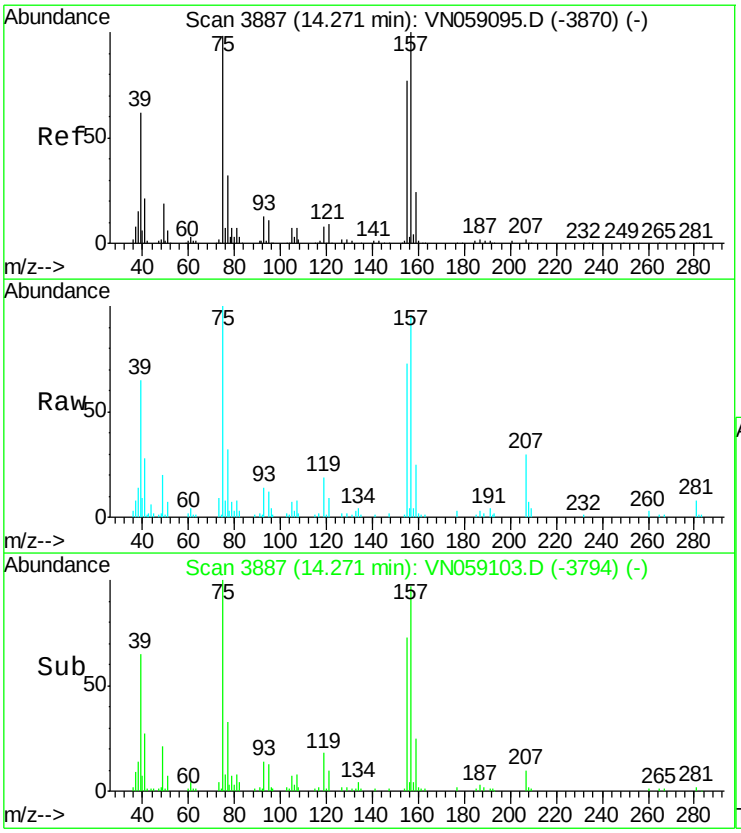
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM

Tgt Ion:146 Resp: 199604

Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.2	63.6
148	63.5	31.6	94.7

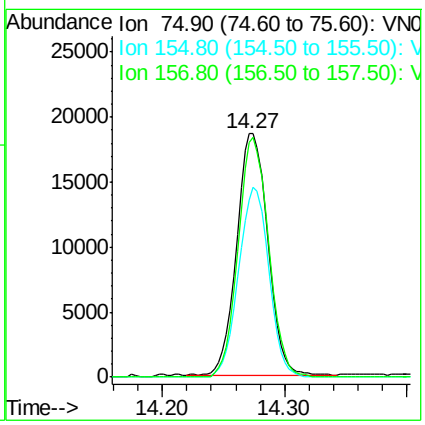


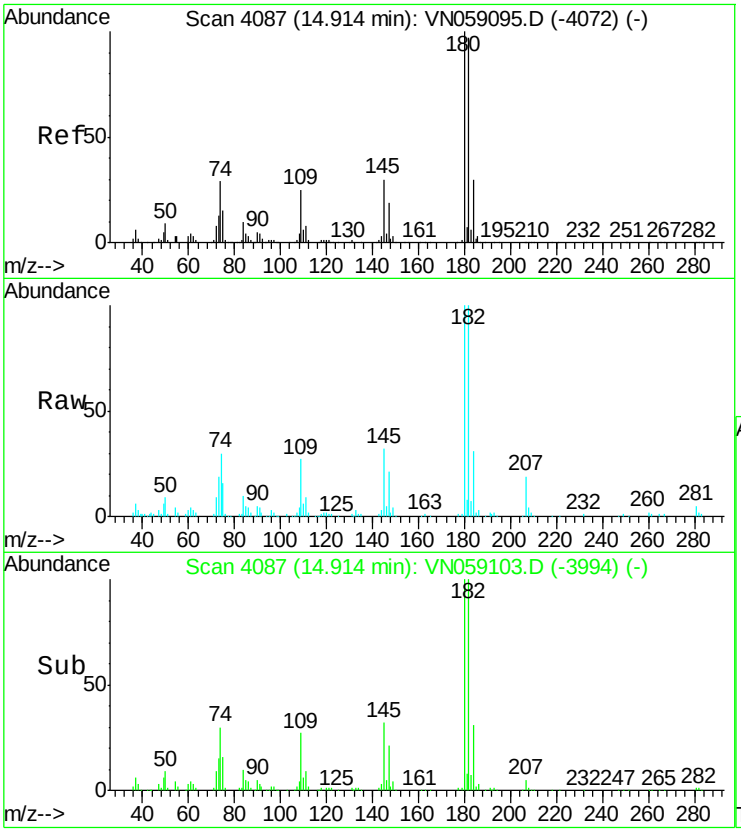


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.308 ug/l
RT: 14.27 min Scan# 3887
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion: 75 Resp: 32571

Ion	Ratio	Lower	Upper
75	100		
155	76.2	40.2	120.6
157	96.7	51.8	155.5





#93
1,2,4-Trichlorobenzene
Concen: 19.464 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
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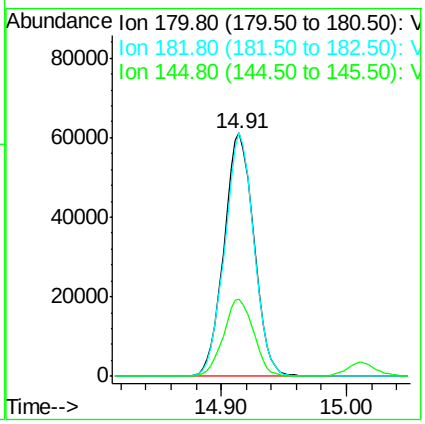
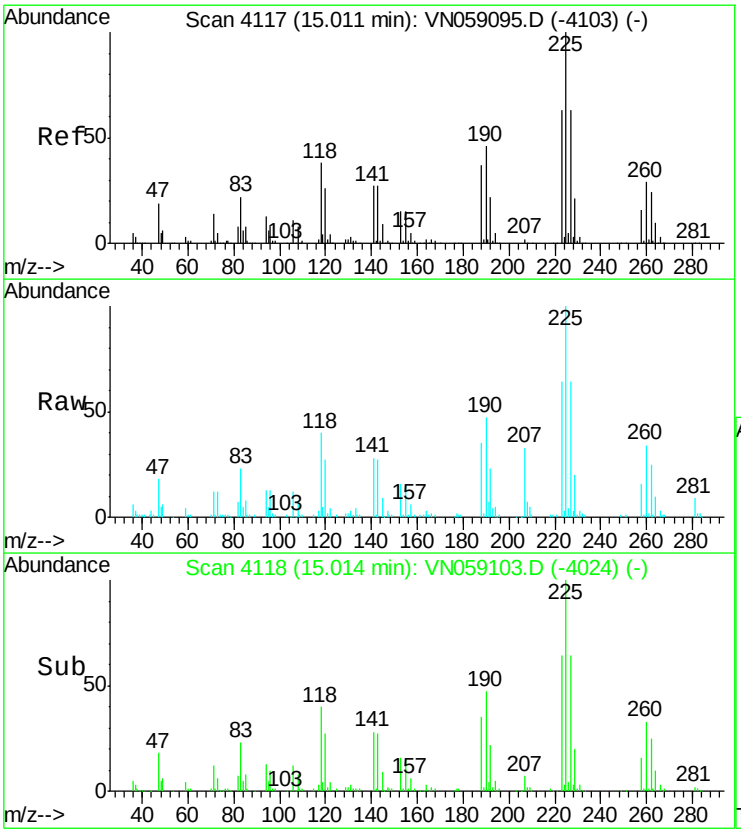
Tgt Ion:180 Resp: 101067

Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.1	144.3
145	31.9	15.1	45.3

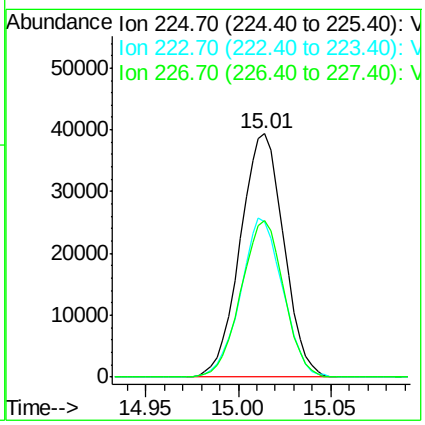


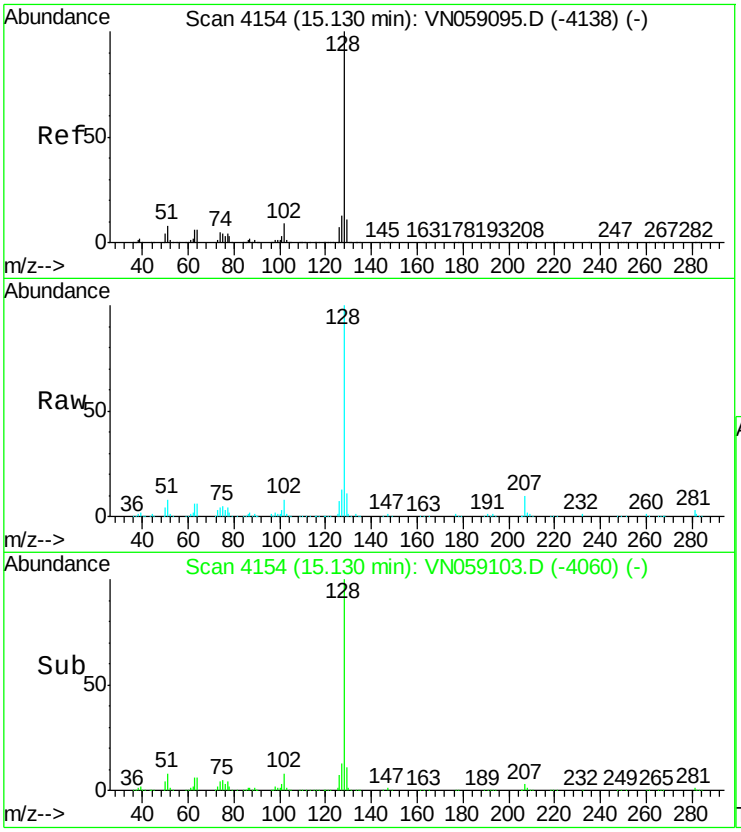


#94
Hexachlorobutadiene
Concen: 19.548 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:225 Resp: 64222

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.9
227	62.8	31.5	94.5





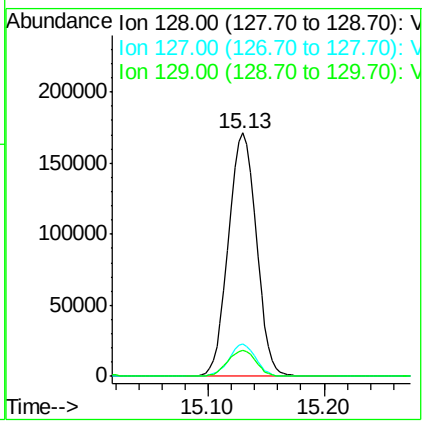
#95
Naphthalene
Concen: 19.780 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

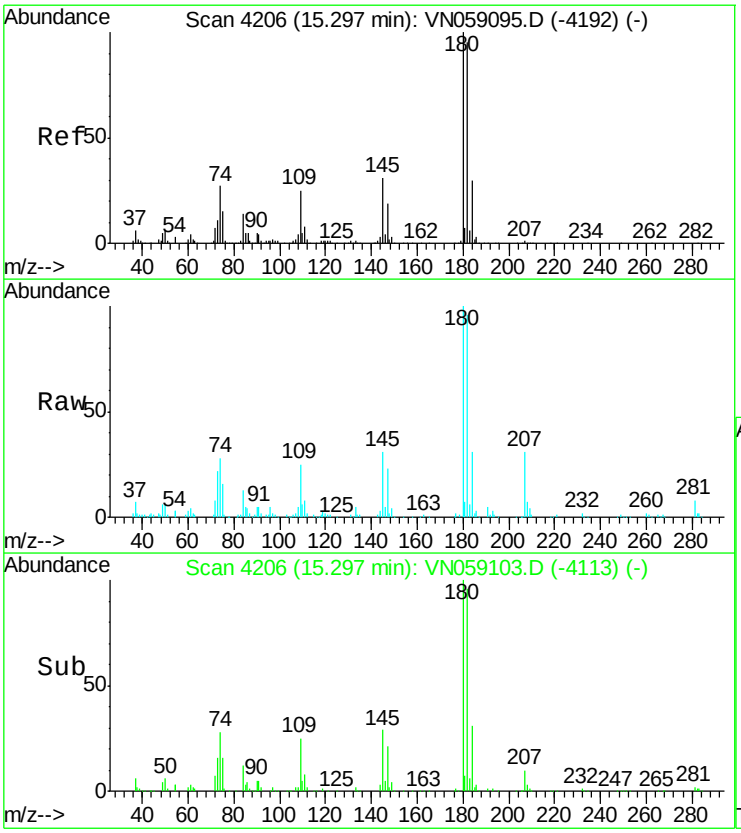
Tgt Ion:128 Resp: 285809

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.6	12.8

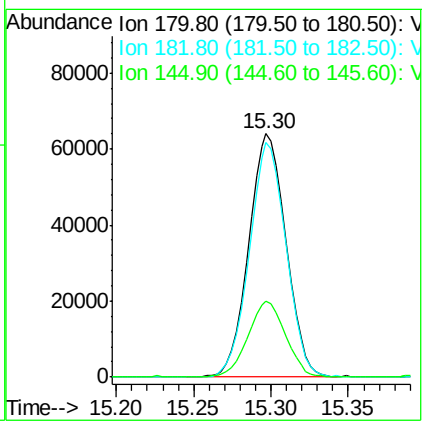
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations APPROVED
MMDadoda
11/7/2019 9:16:32 AM





#96
1,2,3-Trichlorobenzene
Concen: 20.112 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059103.D
Acq: 6 Nov 2019 13:34

Tgt Ion:180 Resp: 107398

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	31.6	15.8	47.3