Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052570.D
Acq On : 29 Nov 2018 17:31
Operator : MD\SY
Sample : VN1129WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1129WBSD01

Manual Integrations APPROVED
MMDadoda
11/30/2018 11:11:33 AM

Quant Time: Nov 30 03:29:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1079751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1675786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1471421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	654719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	548891	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.38%			
35) Dibromofluoromethane	7.59	113	499774	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.76%			
50) Toluene-d8	10.09	98	1917999	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.38%			
62) 4-Bromofluorobenzene	12.40	95	638948	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	177677	17.574	ug/l	95
3) Chloromethane	2.06	50	230947	17.305	ug/l	99
4) Vinyl Chloride	2.19	62	242269	17.672	ug/l	100
5) Bromomethane	2.57	94	142547	16.665	ug/l	98
6) Chloroethane	2.71	64	148418	17.873	ug/l	100
7) Trichlorofluoromethane	3.02	101	308361	18.312	ug/l	99
8) Diethyl Ether	3.41	74	115731	18.610	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	188232	17.914	ug/l	99
10) Methyl Iodide	3.96	142	260608	18.622	ug/l	99
11) Tert butyl alcohol	4.78	59	56229	95.536	ug/l	97
12) 1,1-Dichloroethene	3.74	96	186706	18.459	ug/l	98
13) Acrolein	3.61	56	74216	95.737	ug/l	98
14) Allyl chloride	4.33	41	313935	18.009	ug/l	99
15) Acrylonitrile	4.99	53	330012	88.578	ug/l	99
16) Acetone	3.82	43	223233	71.990	ug/l	98
17) Carbon Disulfide	4.06	76	526582	16.544	ug/l	99
18) Methyl Acetate	4.33	43	158825	17.856	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	509757	18.942	ug/l	100
20) Methylene Chloride	4.55	84	215678	17.774	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	198345	18.361	ug/l	98
22) Diisopropyl ether	5.95	45	675907	18.459	ug/l	98
23) Vinyl Acetate	5.90	43	2058650	90.264	ug/l	99
24) 1,1-Dichloroethane	5.85	63	384723	18.402	ug/l	99
25) 2-Butanone	6.84	43	357175	81.265	ug/l	96
26) 2,2-Dichloropropane	6.83	77	246405	17.027	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	233565	18.561	ug/l	97
28) Bromochloromethane	7.20	49	176294	18.462	ug/l	95
29) Tetrahydrofuran	7.21	42	242993	85.715	ug/l	98
30) Chloroform	7.37	83	377885	18.116	ug/l	97
31) Cyclohexane	7.66	56	363303	17.718	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	310007	18.758	ug/l	99
36) 1,1-Dichloropropene	7.79	75	286151	18.082	ug/l	98
37) Ethyl Acetate	6.93	43	167171	17.309	ug/l	98
38) Carbon Tetrachloride	7.78	117	265620	18.541	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052570.D
Acq On : 29 Nov 2018 17:31
Operator : MD\SY
Sample : VN1129WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Manual Integrations APPROVED
MMDadoda
11/30/2018 11:11:33 AM

Quant Time: Nov 30 03:29:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	338295	17.588	ug/l		99
40) Benzene	8.04	78	882199	18.706	ug/l		100
41) Methacrylonitrile	7.19	41	99280m	18.803	ug/l		
42) 1,2-Dichloroethane	8.12	62	267751	18.750	ug/l		99
43) Isopropyl Acetate	8.17	43	310025	18.969	ug/l	#	87
44) Trichloroethene	8.84	130	227990	18.873	ug/l		99
45) 1,2-Dichloropropane	9.12	63	231100	18.431	ug/l		99
46) Dibromomethane	9.21	93	128163	18.464	ug/l		98
47) Bromodichloromethane	9.40	83	276674	18.334	ug/l		97
48) Methyl methacrylate	9.20	41	151202	17.742	ug/l		97
49) 1,4-Dioxane	9.20	88	37179	420.359	ug/l		99
51) 4-Methyl-2-Pentanone	9.99	43	819996	89.421	ug/l		99
52) Toluene	10.16	92	530923	18.948	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	263778	18.169	ug/l		99
54) cis-1,3-Dichloropropene	9.84	75	317459	18.247	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	185308	18.801	ug/l		98
56) Ethyl methacrylate	10.43	69	232597	18.772	ug/l		98
57) 1,3-Dichloropropane	10.71	76	323841	18.608	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	676240	94.552	ug/l		98
59) 2-Hexanone	10.75	43	528206	85.824	ug/l		100
60) Dibromochloromethane	10.90	129	198291	18.523	ug/l		99
61) 1,2-Dibromoethane	11.01	107	182300	18.622	ug/l		99
64) Tetrachloroethene	10.63	164	223114	19.557	ug/l		97
65) Chlorobenzene	11.44	112	577027	19.018	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	201163	19.068	ug/l		99
67) Ethyl Benzene	11.51	91	998705	18.797	ug/l		99
68) m/p-Xylenes	11.62	106	757226	38.283	ug/l		100
69) o-Xylene	11.95	106	370586	19.294	ug/l		100
70) Styrene	11.96	104	593210	19.390	ug/l		100
71) Bromoform	12.13	173	126135	18.058	ug/l	#	100
73) Isopropylbenzene	12.25	105	986240	19.200	ug/l		99
74) N-amyl acetate	12.07	43	247176	19.047	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	216525	18.530	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	180198m	17.848	ug/l		
77) Bromobenzene	12.53	156	244694	19.273	ug/l		97
78) n-propylbenzene	12.59	91	1115677	19.119	ug/l		100
79) 2-Chlorotoluene	12.68	91	655316	18.858	ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	795344	19.414	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	50699	16.770	ug/l		95
82) 4-Chlorotoluene	12.77	91	663662	18.949	ug/l		100
83) tert-Butylbenzene	12.99	119	701668	19.212	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	803689	19.575	ug/l		99
85) sec-Butylbenzene	13.17	105	952926	19.156	ug/l		100
86) p-Isopropyltoluene	13.29	119	810440	19.128	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	419461	18.887	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	412805	18.870	ug/l		99
89) n-Butylbenzene	13.62	91	667214	18.936	ug/l		100
90) Hexachloroethane	13.88	117	126758	17.669	ug/l		97
91) 1,2-Dichlorobenzene	13.65	146	407269	19.194	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29101	17.413	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052570.D
Acq On : 29 Nov 2018 17:31
Operator : MD\SY
Sample : VN1129WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Manual Integrations APPROVED
MMDadoda
11/30/2018 11:11:33 AM

Quant Time: Nov 30 03:29:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	199289	19.005	ug/l	99
94) Hexachlorobutadiene	15.01	225	126580	18.544	ug/l	99
95) Naphthalene	15.14	128	402969	18.655	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	184346	19.036	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052570.D
Acq On : 29 Nov 2018 17:31
Operator : MD\SY
Sample : VN1129WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 28

Quant Time: Nov 30 03:29:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Manual Integrations APPROVED
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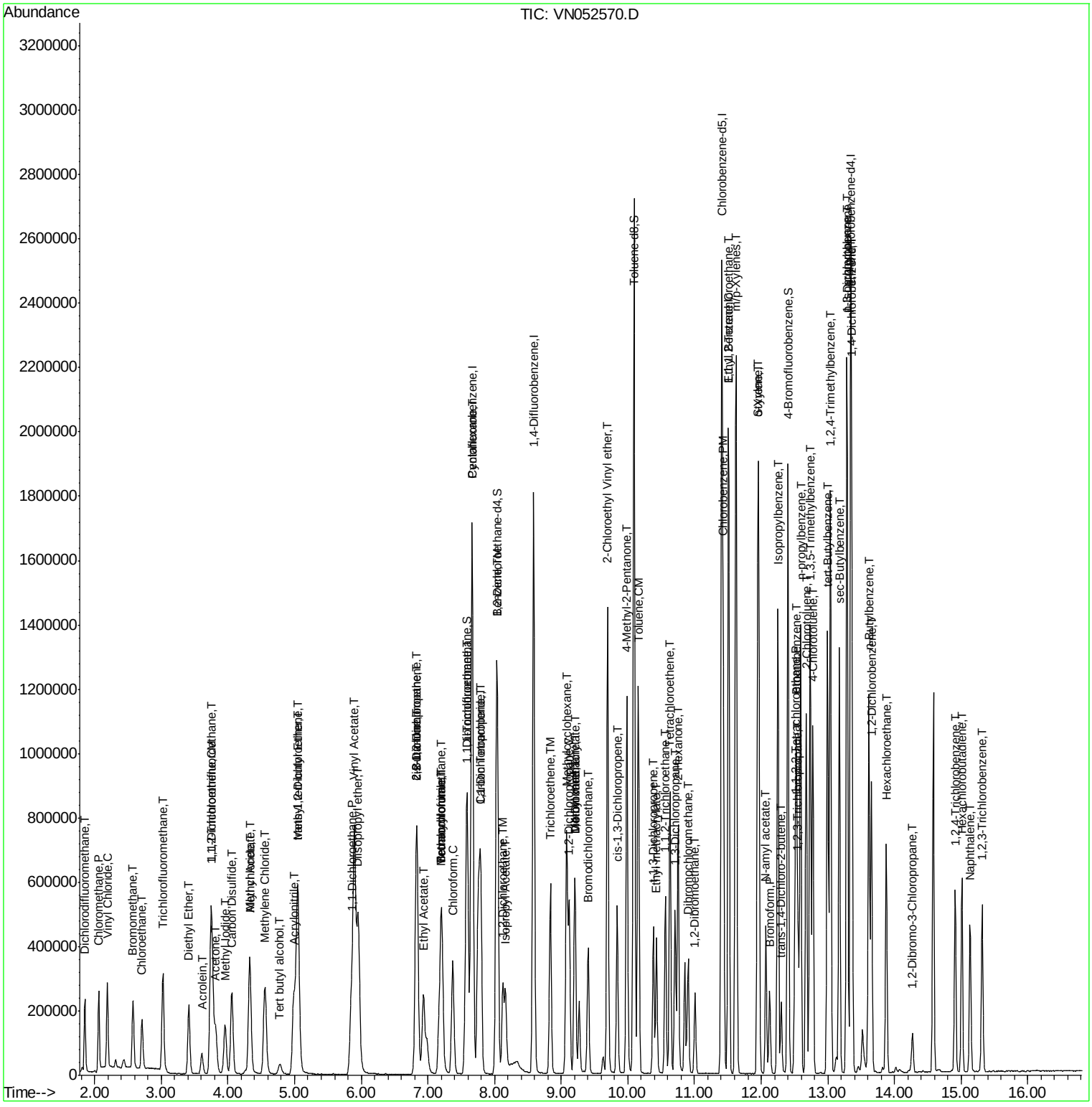
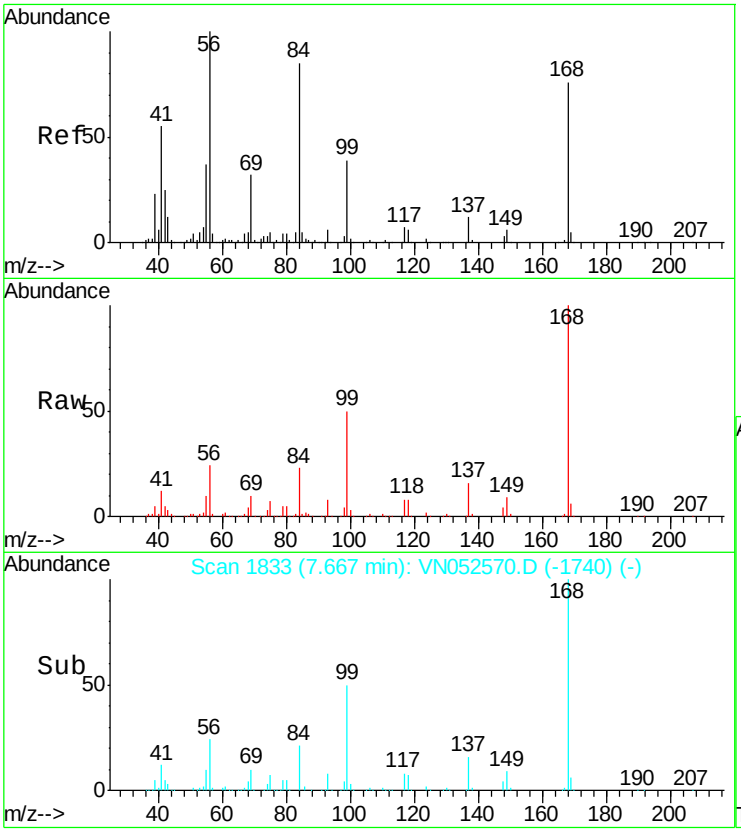
11/30/2018 11:11:33 AM

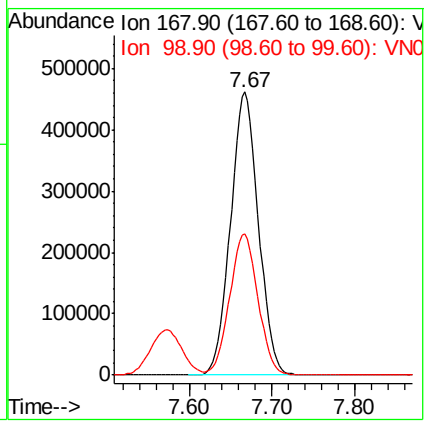




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion:168 Resp: 1079751

Ion	Ratio	Lower	Upper
168	100		
99	49.8	41.7	62.5



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Manual Integrations APPROVED
MMDadoda
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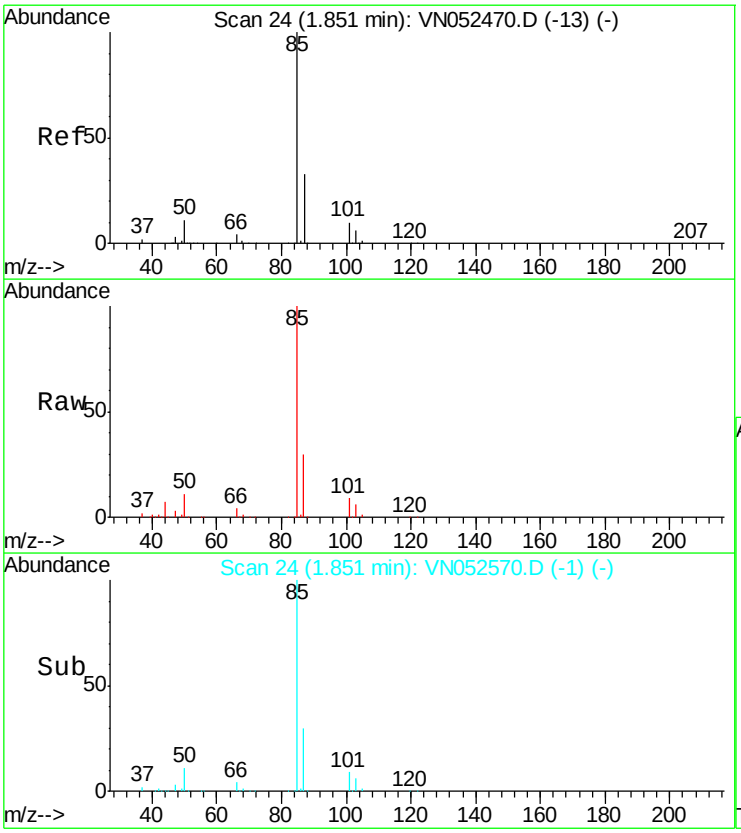
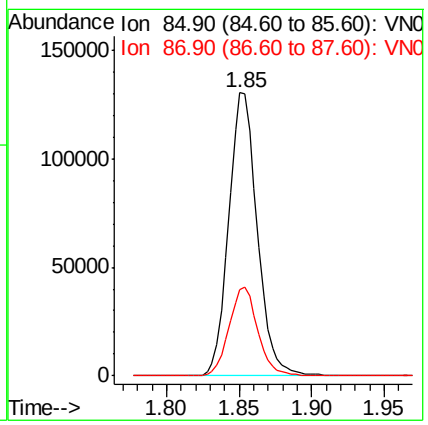
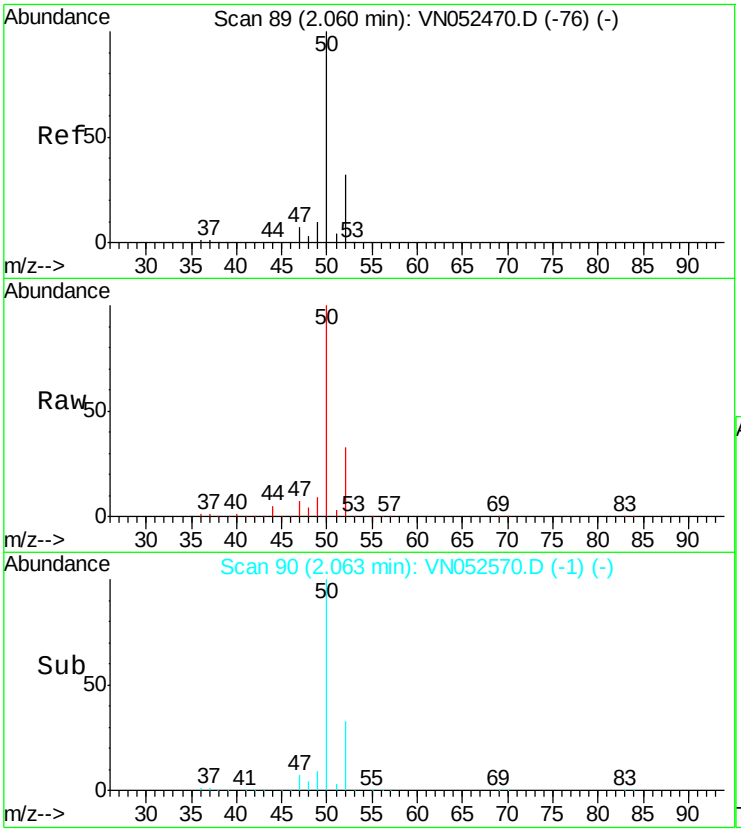


#2
Dichlorodifluoromethane
Concen: 17.574 ug/l
RT: 1.85 min Scan# 24
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 85 Resp: 177677

Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.7	50.1

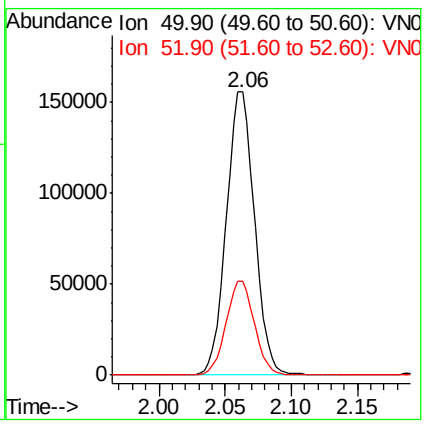




#3
Chloromethane
Concen: 17.305 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 50 Resp: 230947

Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.9	38.9



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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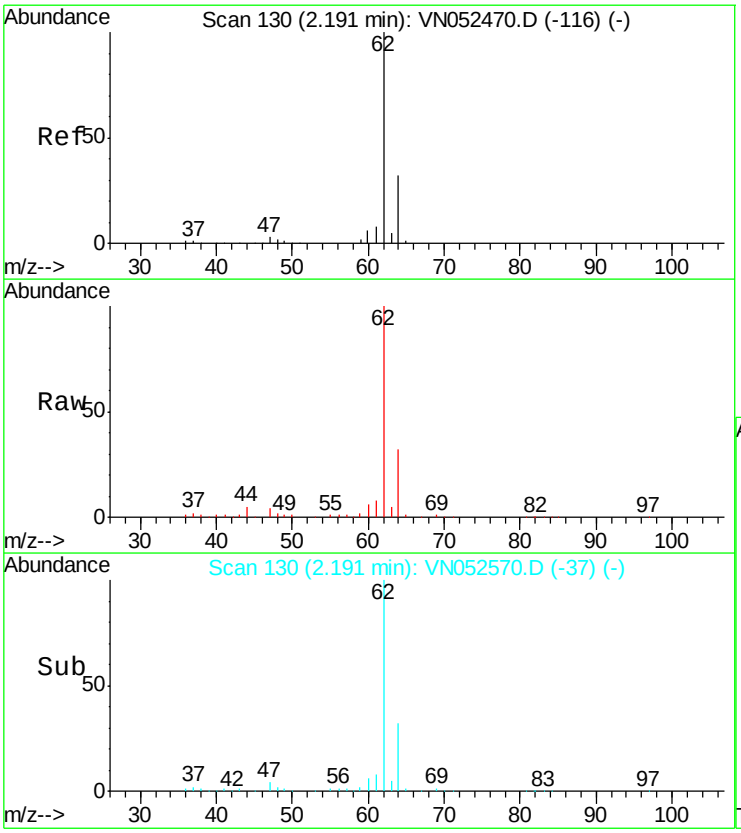
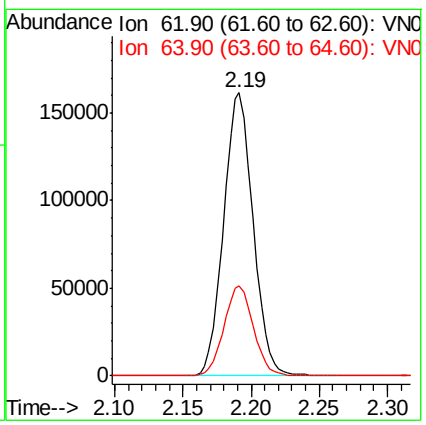
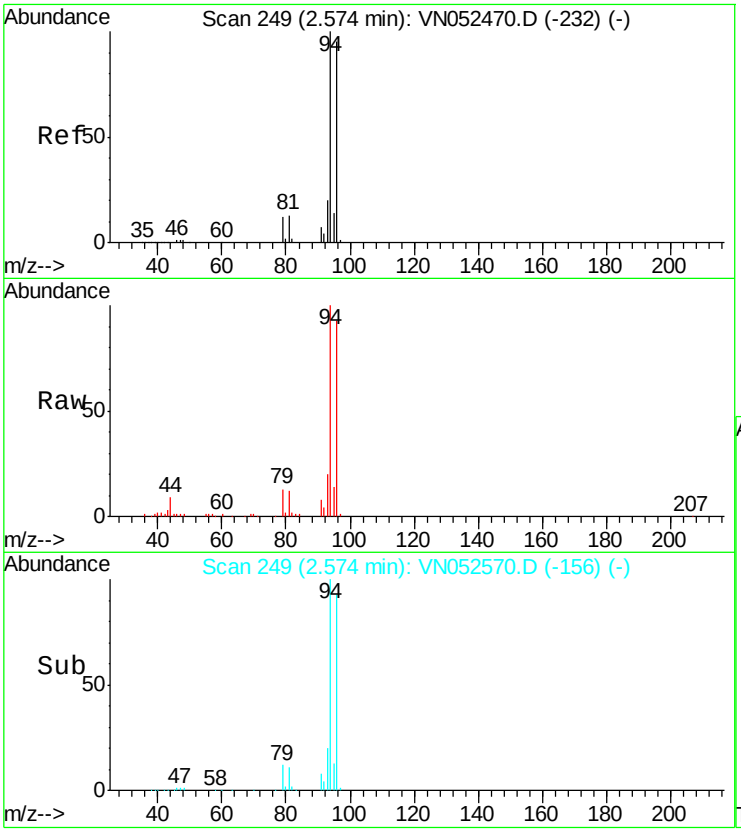


#4
Vinyl Chloride
Concen: 17.672 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 62 Resp: 242269

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.4	38.2

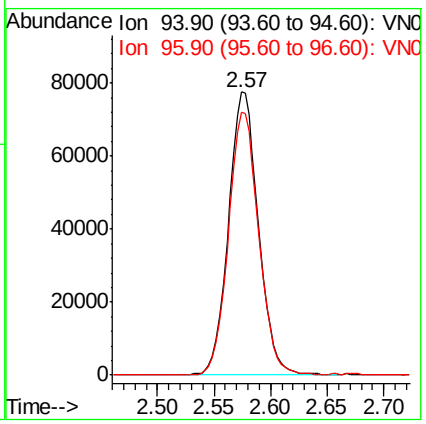




#5
Bromomethane
Concen: 16.665 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 94 Resp: 142547

Ion	Ratio	Lower	Upper
94	100		
96	92.8	75.8	113.8



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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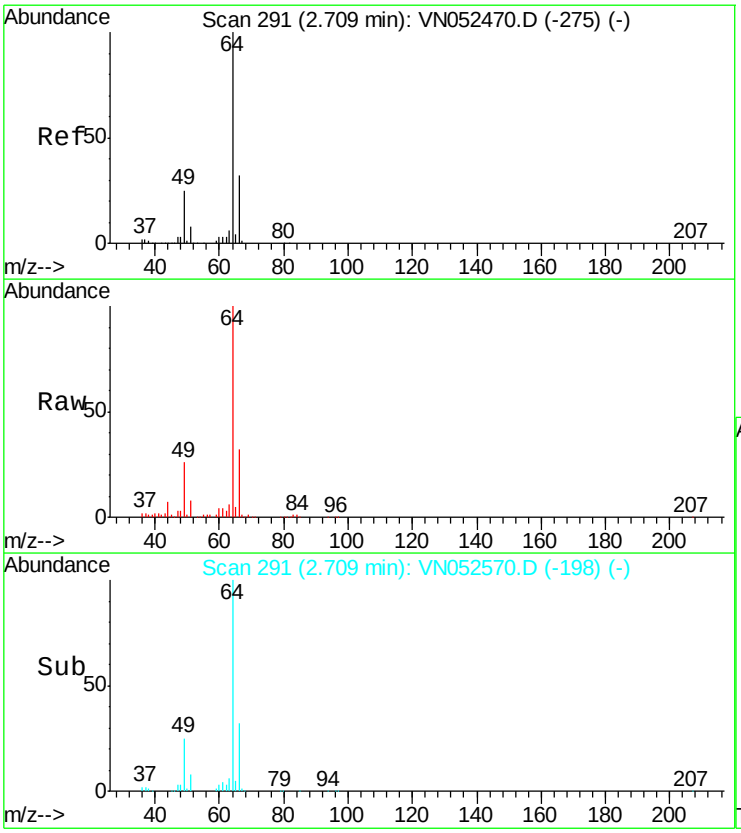
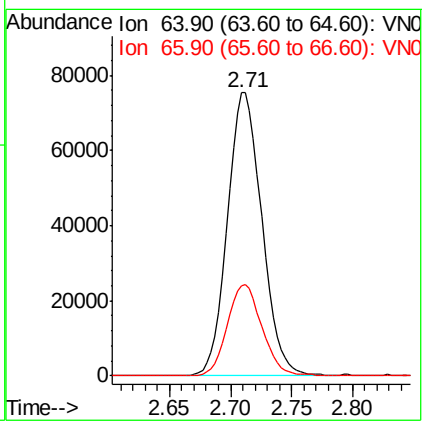
11/30/2018 11:11:33 AM

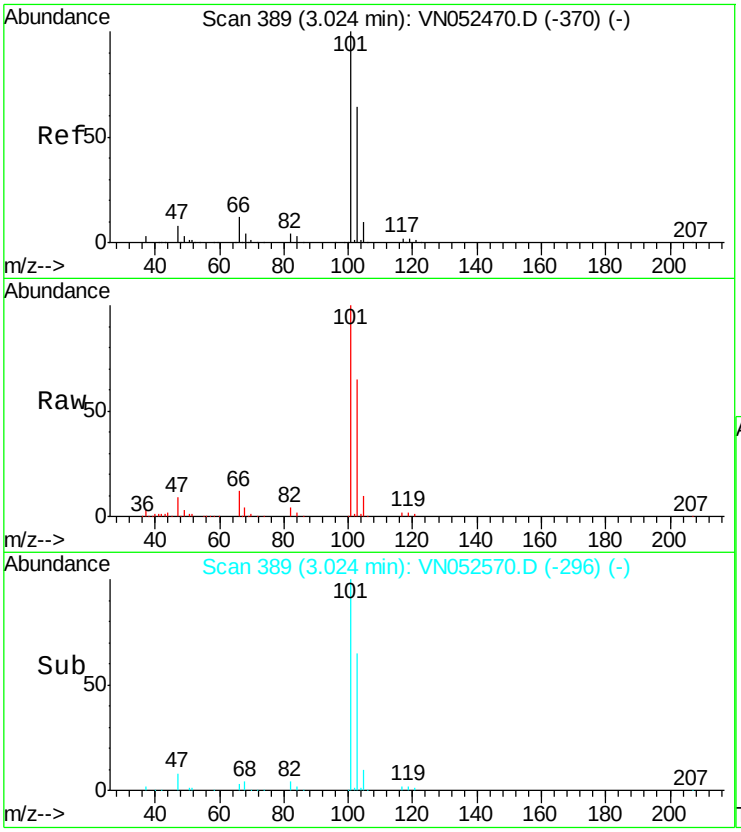


#6
Chloroethane
Concen: 17.873 ug/l
RT: 2.71 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 64 Resp: 148418

Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.7	38.5

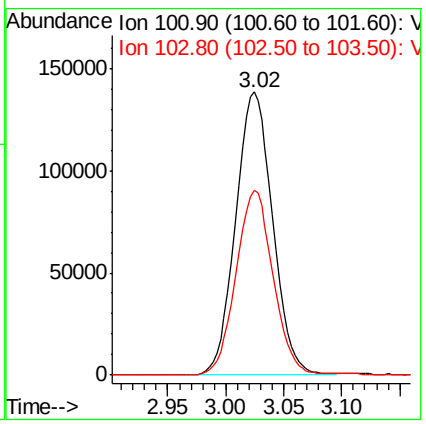




#7
Trichlorofluoromethane
Concen: 18.312 ug/l
RT: 3.02 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

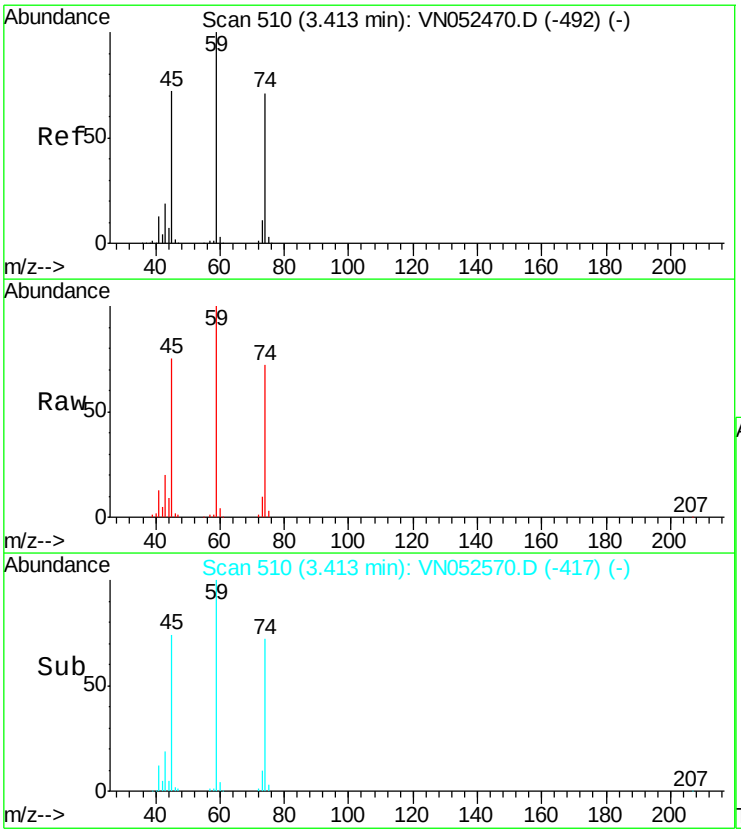
Tgt Ion:101 Resp: 308361

Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.2



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

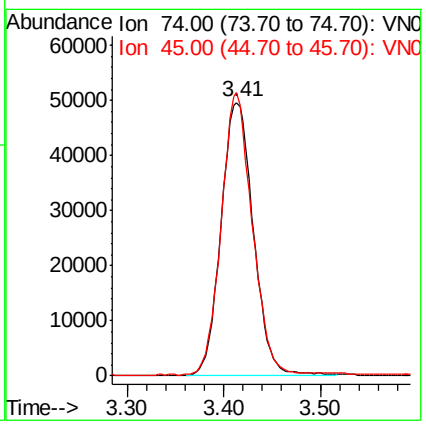
Manual Integrations APPROVED
MMDadoda
11/30/2018 11:11:33 AM

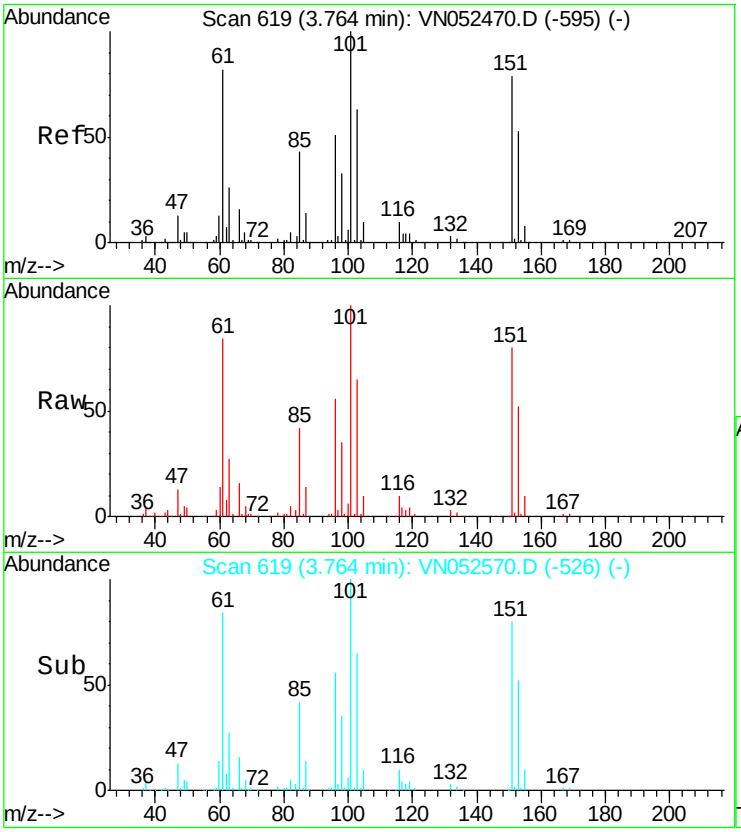


#8
Diethyl Ether
Concen: 18.610 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 74 Resp: 115731

Ion	Ratio	Lower	Upper
74	100		
45	98.2	50.4	151.3

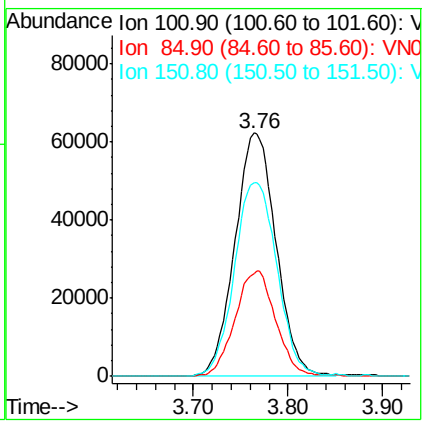




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.914 ug/l
RT: 3.76 min Scan# 619
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

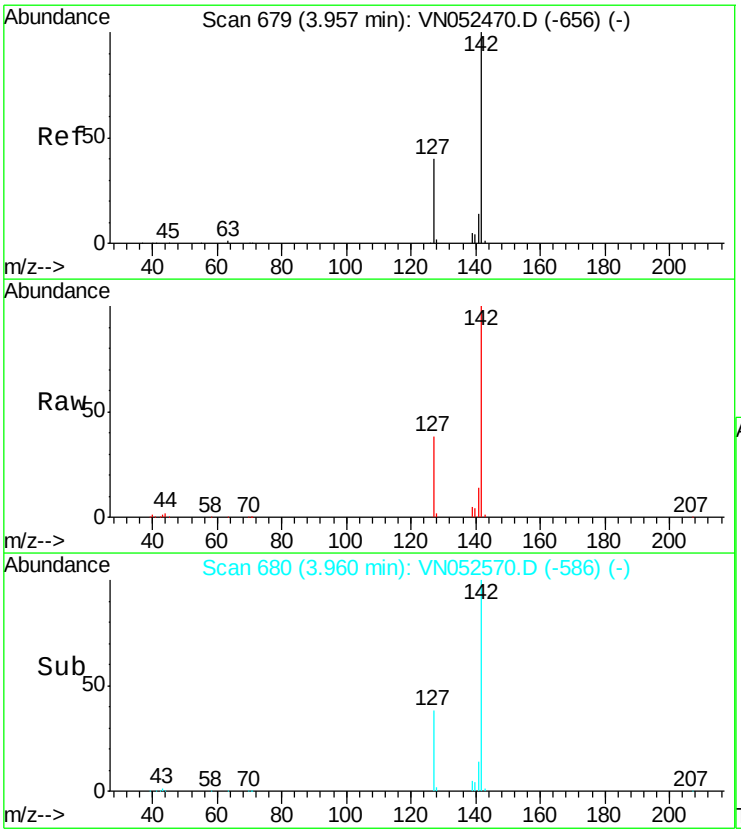
Tgt Ion:101 Resp: 188232

Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.2	51.4
151	82.5	64.6	96.8



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

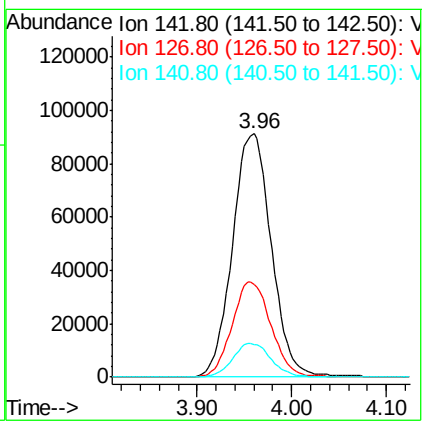
Manual Integrations APPROVED
MMDadoda
11/30/2018 11:11:33 AM

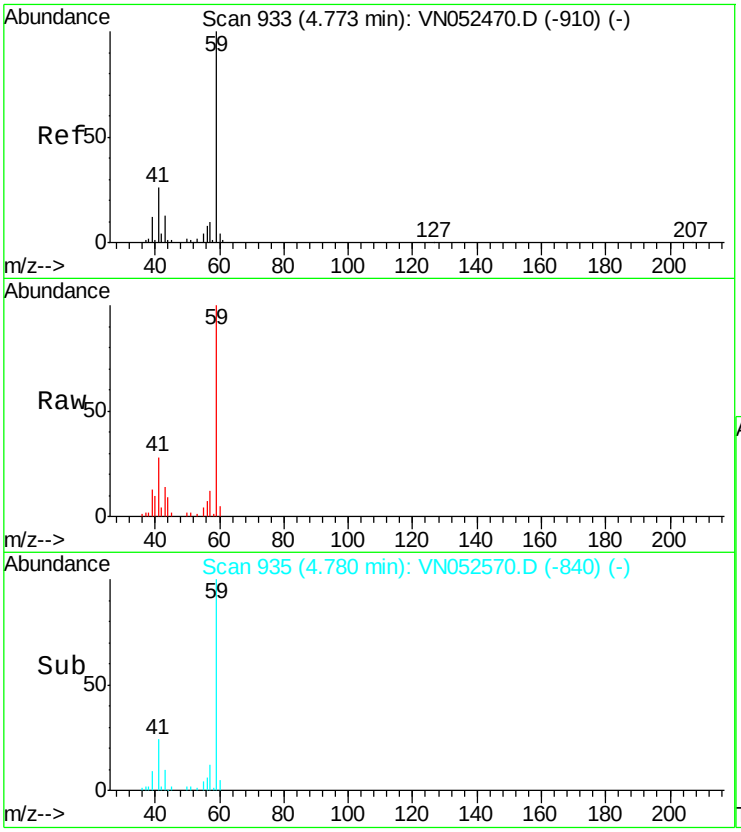


#10
Methyl Iodide
Concen: 18.622 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion:142 Resp: 260608

Ion	Ratio	Lower	Upper
142	100		
127	39.2	31.8	47.6
141	13.7	11.4	17.0

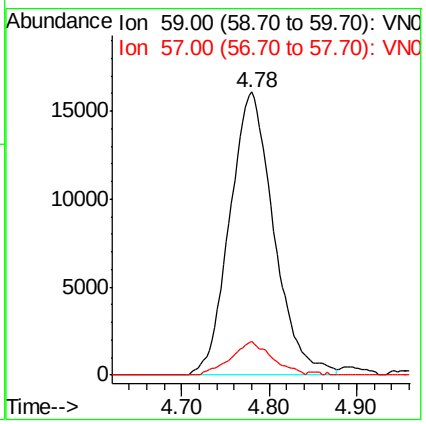




#11
Tert butyl alcohol
Concen: 95.536 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 59 Resp: 56229

Ion	Ratio	Lower	Upper
59	100		
57	11.1	7.9	11.9



Instrument :
MSVOA_N
ClientSampleId :
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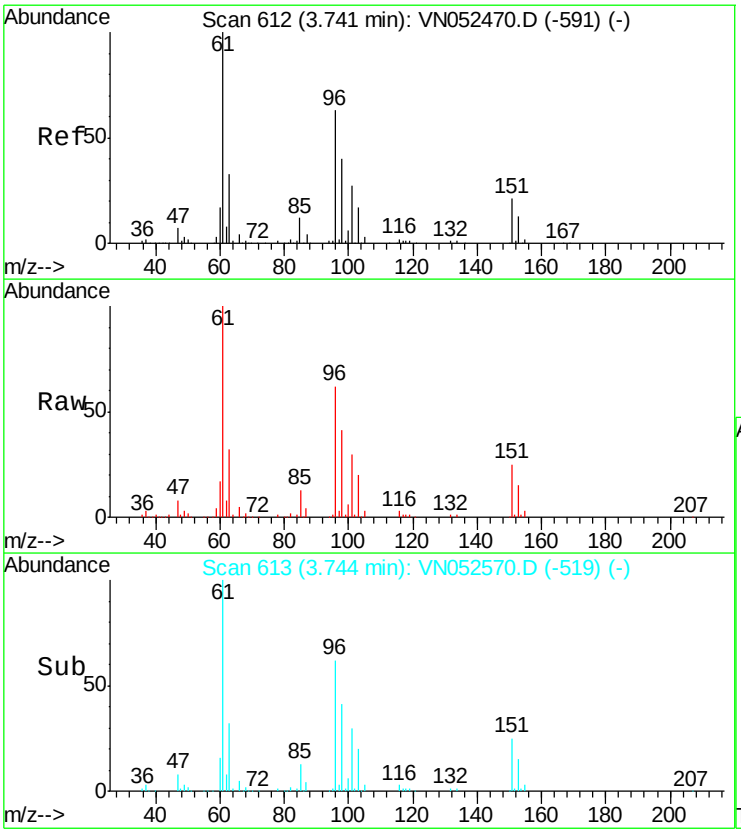
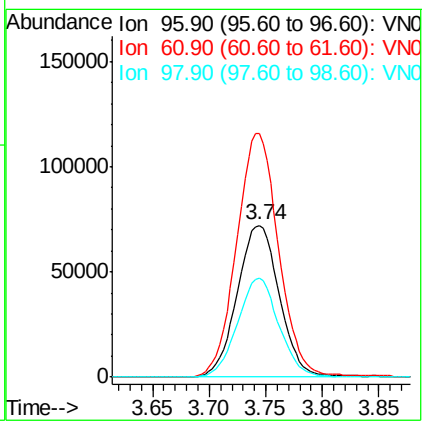
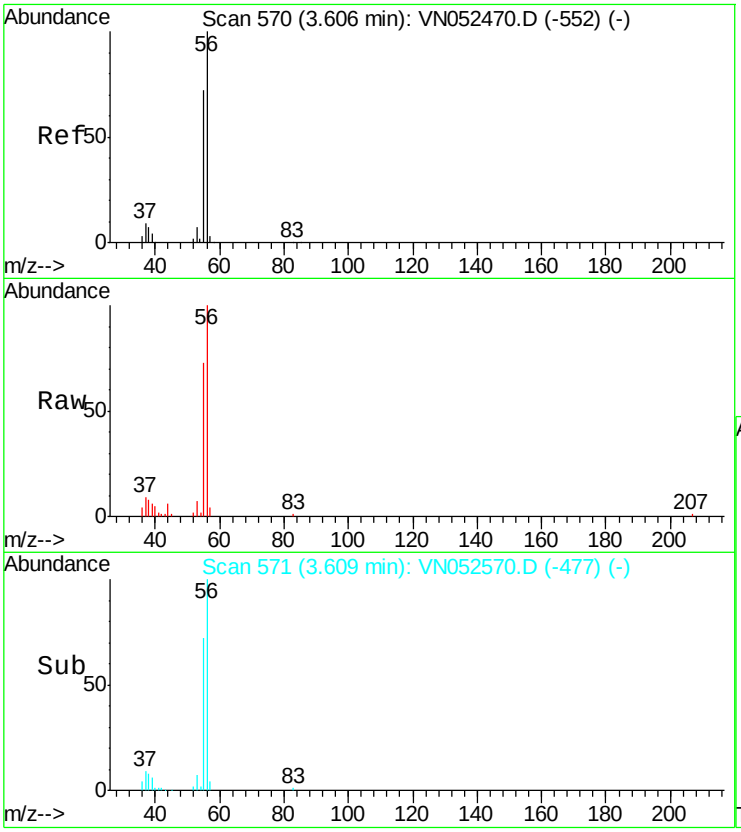


#12
1,1-Dichloroethene
Concen: 18.459 ug/l
RT: 3.74 min Scan# 613
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 96 Resp: 186706

Ion	Ratio	Lower	Upper
96	100		
61	160.5	127.0	190.6
98	65.4	50.3	75.5

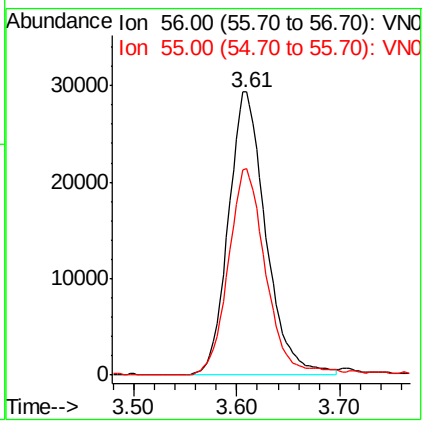




#13
Acrolein
Concen: 95.737 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 56 Resp: 74216

Ion	Ratio	Lower	Upper
56	100		
55	72.9	56.8	85.2



Instrument :
MSVOA_N
ClientSampleId :
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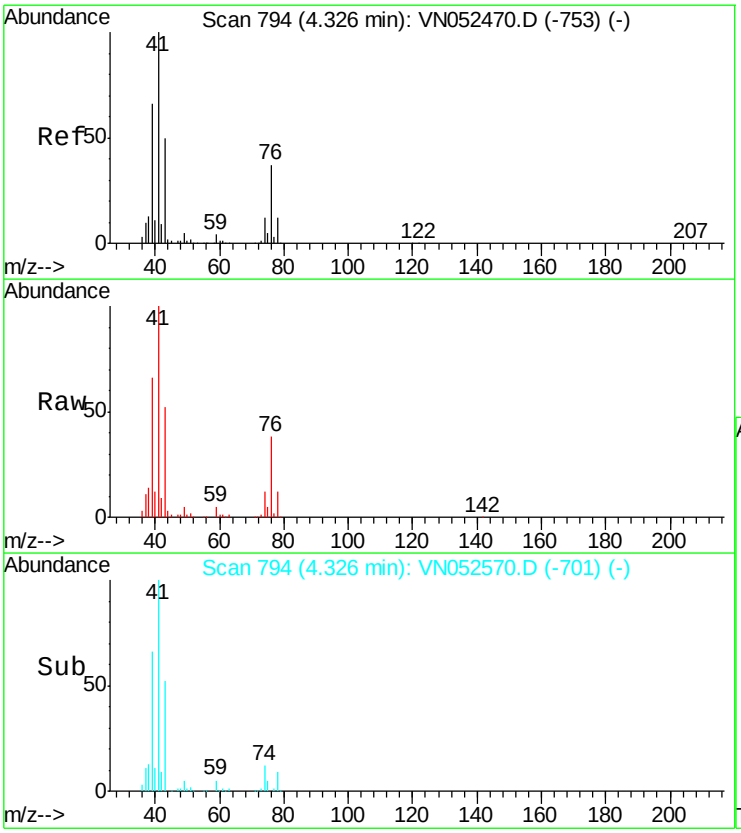
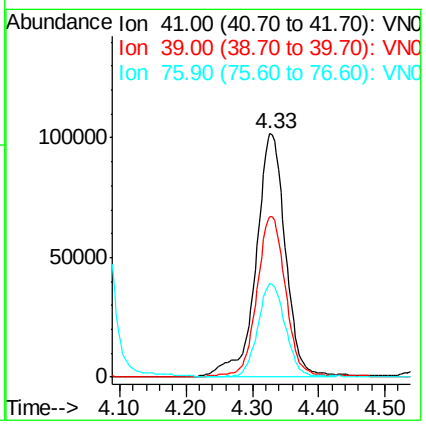
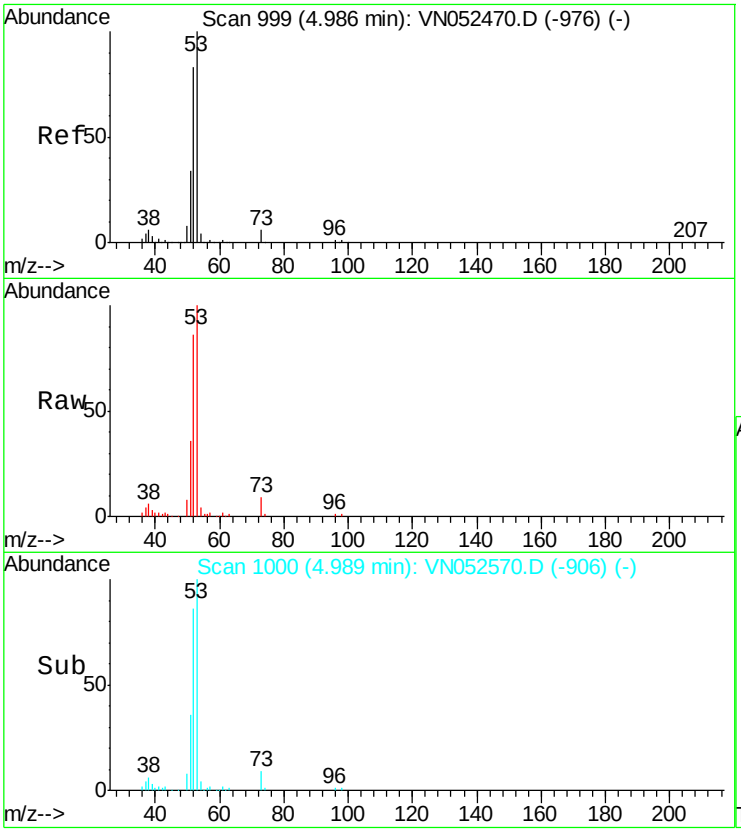


#14
Allyl chloride
Concen: 18.009 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 41 Resp: 313935

Ion	Ratio	Lower	Upper
41	100		
39	64.5	50.6	76.0
76	35.0	27.4	41.2

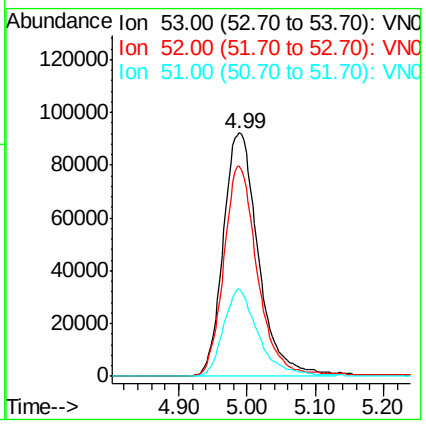




#15
Acrylonitrile
Concen: 88.578 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 53 Resp: 330012

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.2
51	35.6	28.1	42.1



Instrument :
MSVOA_N
ClientSampleId :
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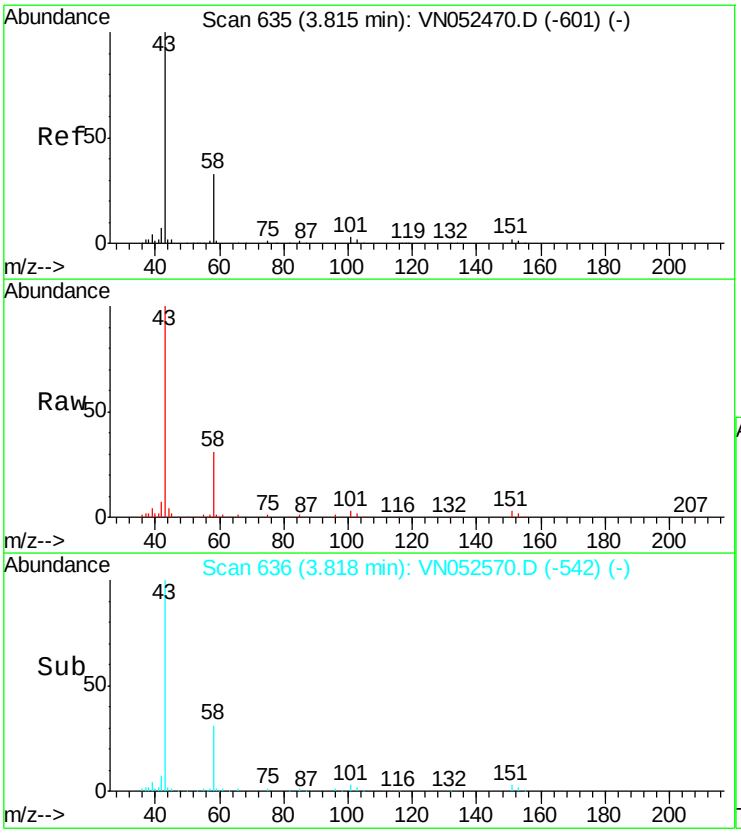
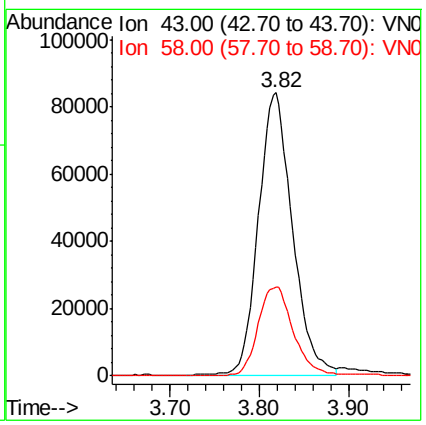
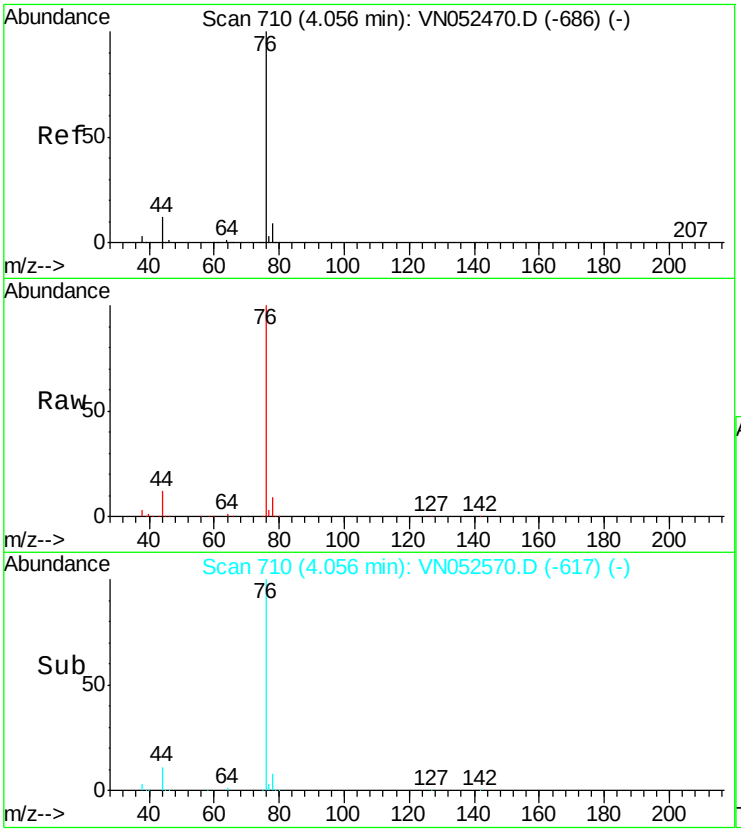


#16
Acetone
Concen: 71.990 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 43 Resp: 223233

Ion	Ratio	Lower	Upper
43	100		
58	31.3	26.0	39.0

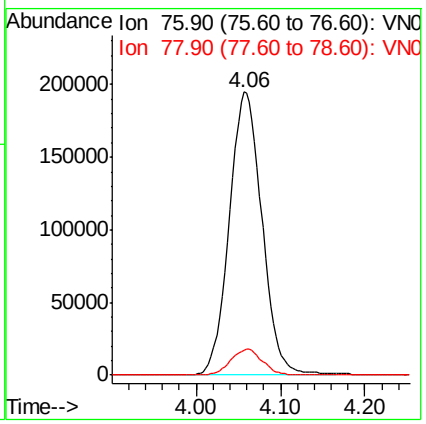




#17
Carbon Disulfide
Concen: 16.544 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 76 Resp: 526582

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0



Instrument :
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ClientSampleId :
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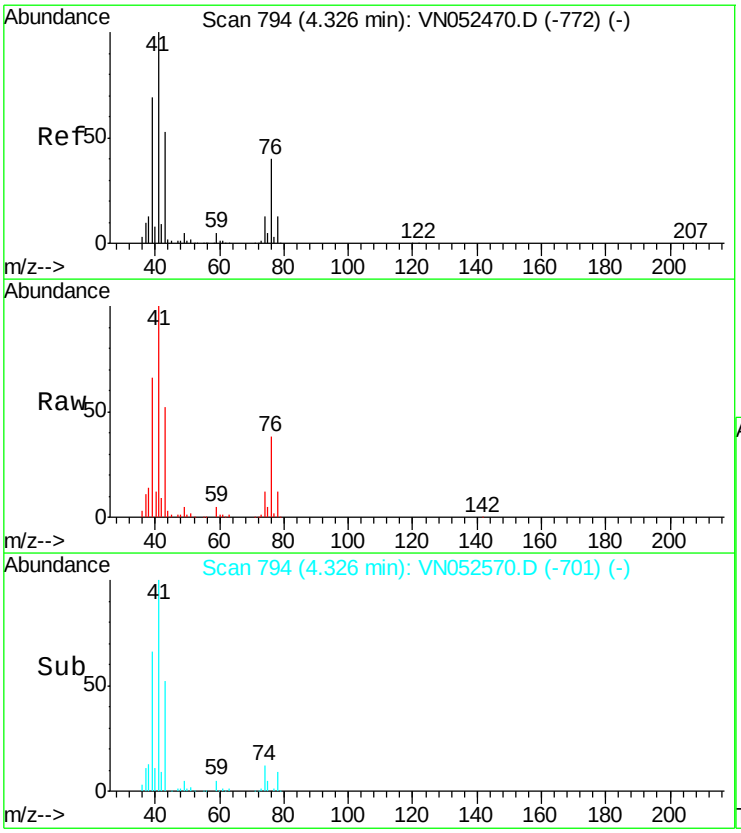
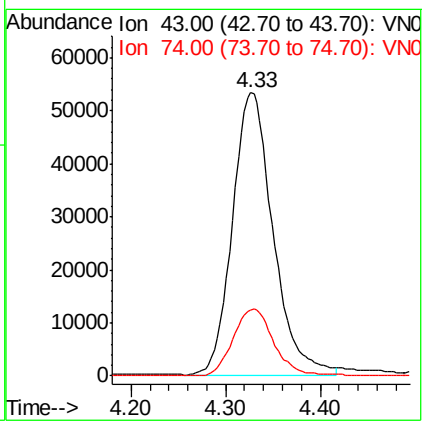
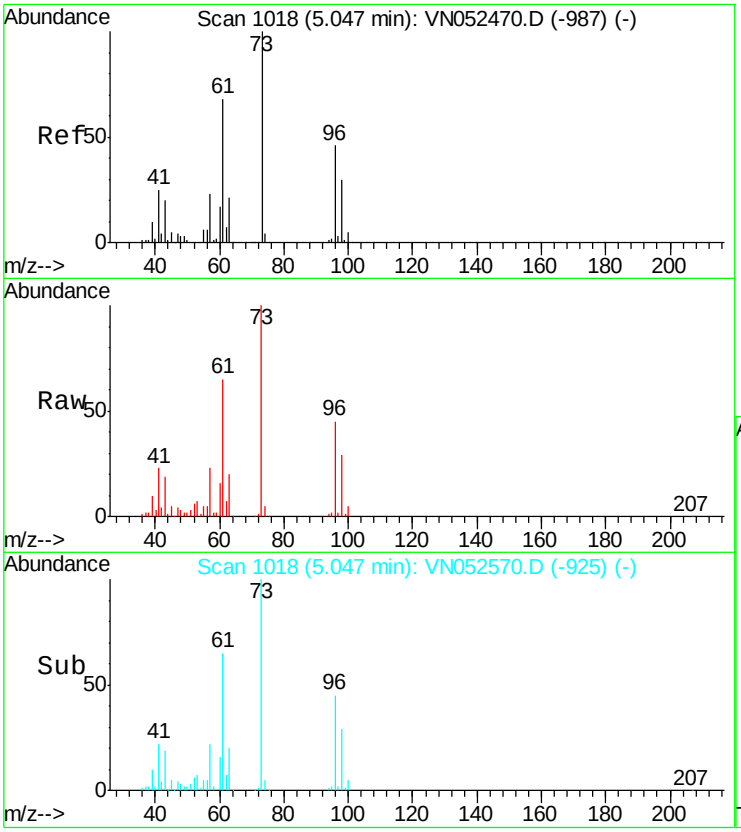


#18
Methyl Acetate
Concen: 17.856 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 43 Resp: 158825

Ion	Ratio	Lower	Upper
43	100		
74	23.6	18.6	27.8





#19
Methyl tert-butyl Ether
Concen: 18.942 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 73 Resp: 509757

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.2	27.2

Instrument :
MSVOA_N
ClientSampleId :
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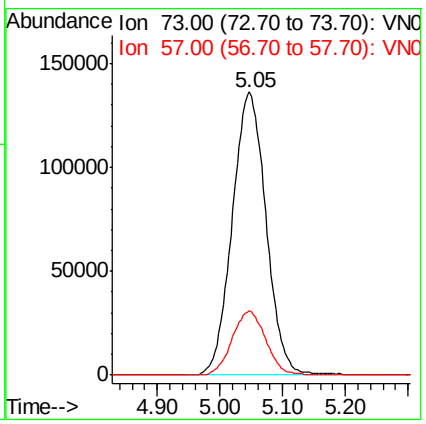
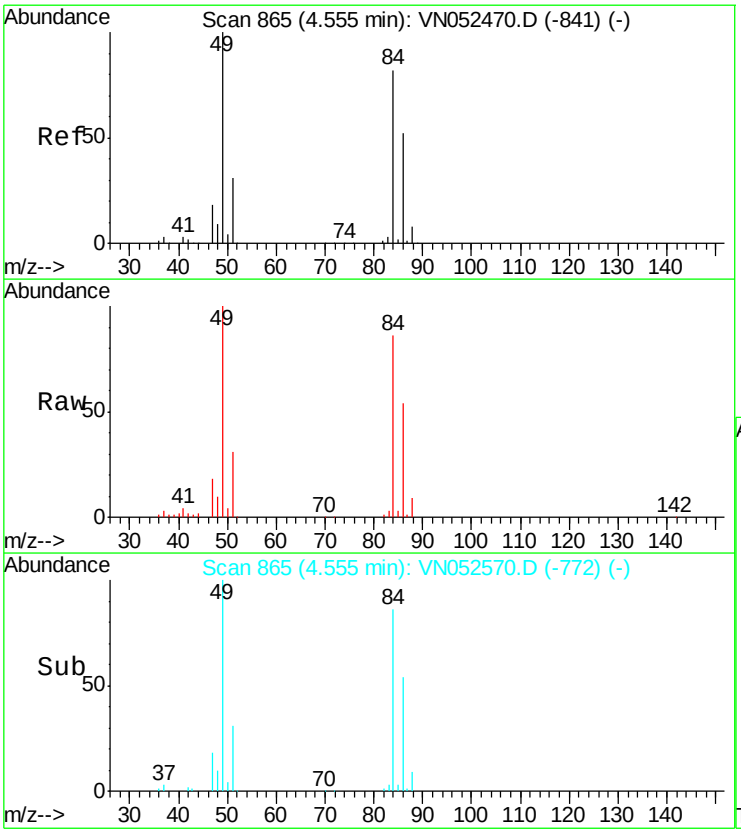
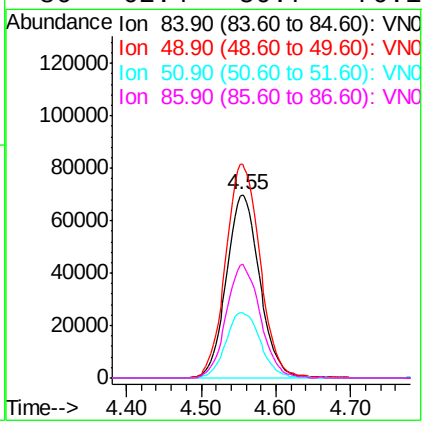


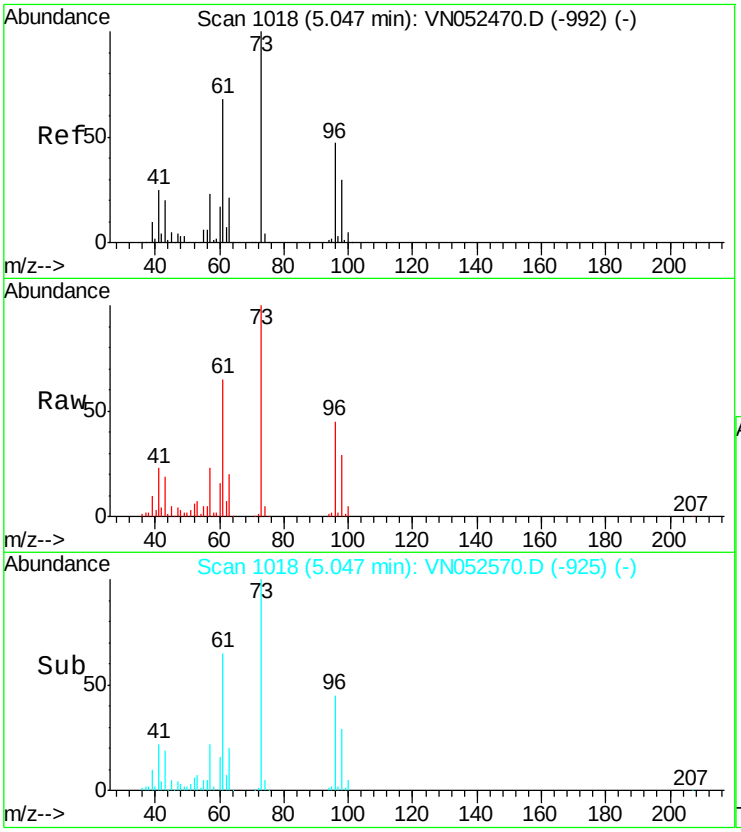


#20
Methylene Chloride
Concen: 17.774 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 84 Resp: 215678

Ion	Ratio	Lower	Upper
84	100		
49	116.3	98.0	147.0
51	35.6	30.1	45.1
86	62.4	50.7	76.1

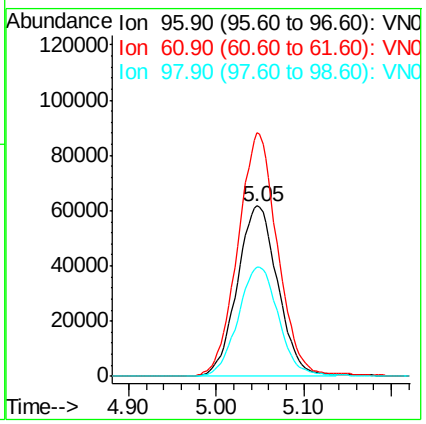




#21
trans-1,2-Dichloroethene
Concen: 18.361 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 96 Resp: 198345

Ion	Ratio	Lower	Upper
96	100		
61	143.1	117.0	175.4
98	63.9	51.8	77.6



Instrument :
MSVOA_N
ClientSampleId :
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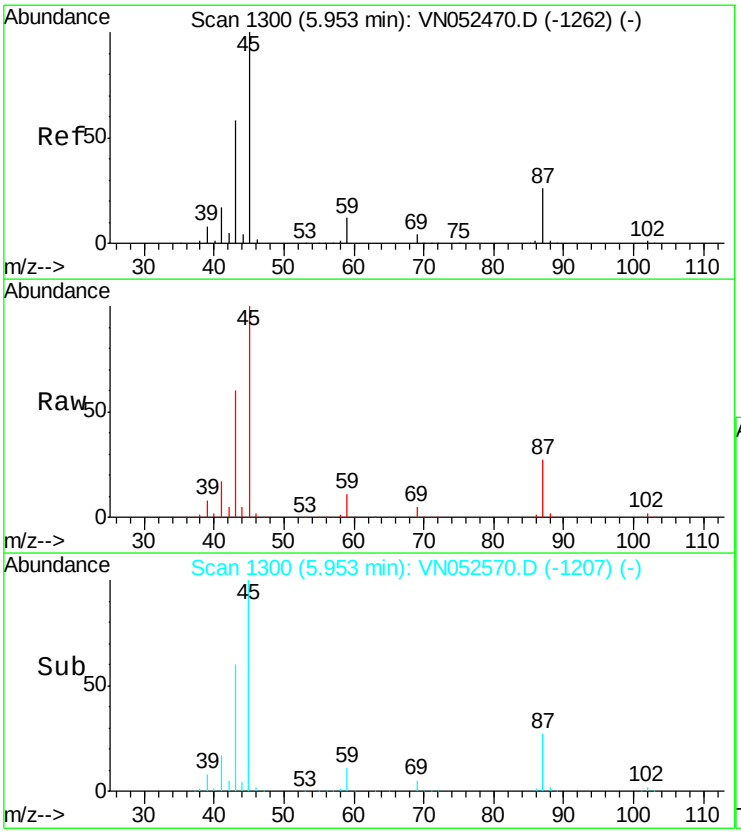
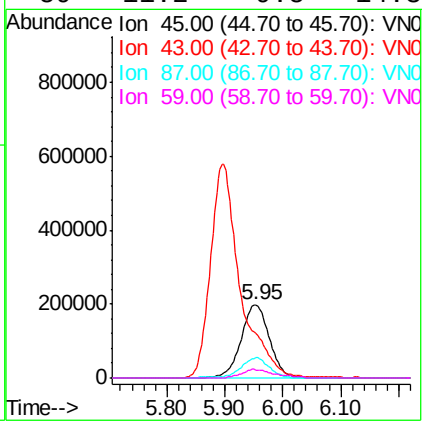
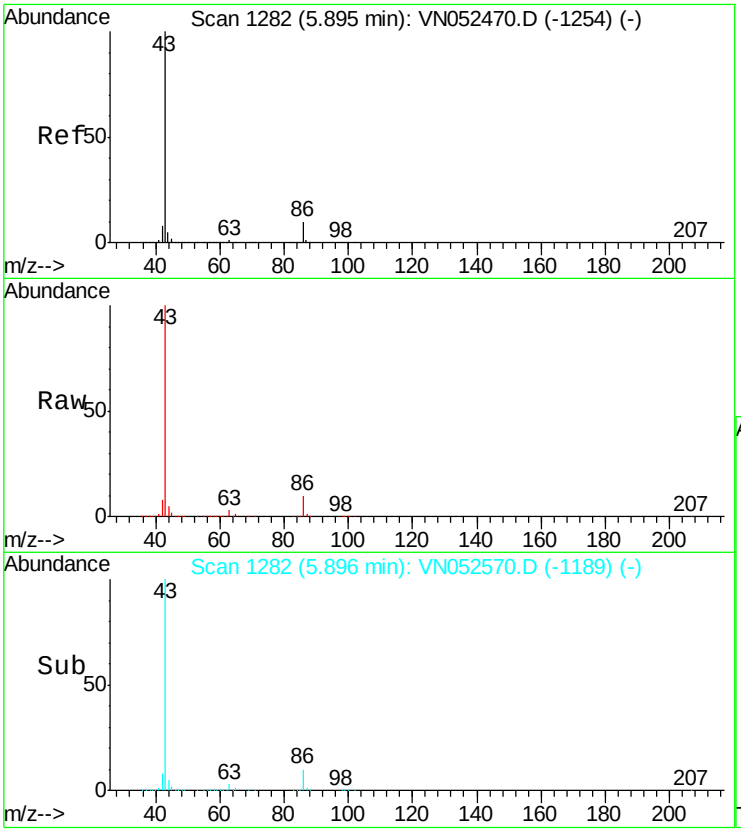


#22
Diisopropyl ether
Concen: 18.459 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 45 Resp: 675907

Ion	Ratio	Lower	Upper
45	100		
43	59.3	46.1	69.1
87	27.2	21.3	31.9
59	11.2	9.5	14.3

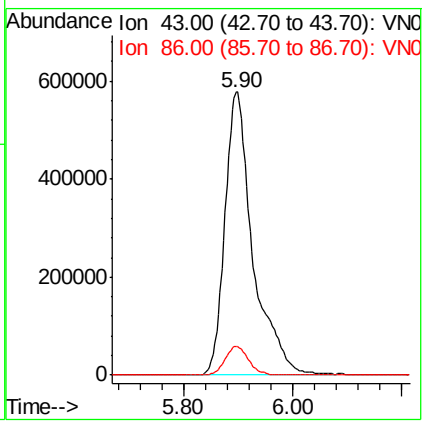




#23
Vinyl Acetate
Concen: 90.264 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 43 Resp: 2058650

Ion	Ratio	Lower	Upper
43	100		
86	10.2	7.8	11.8



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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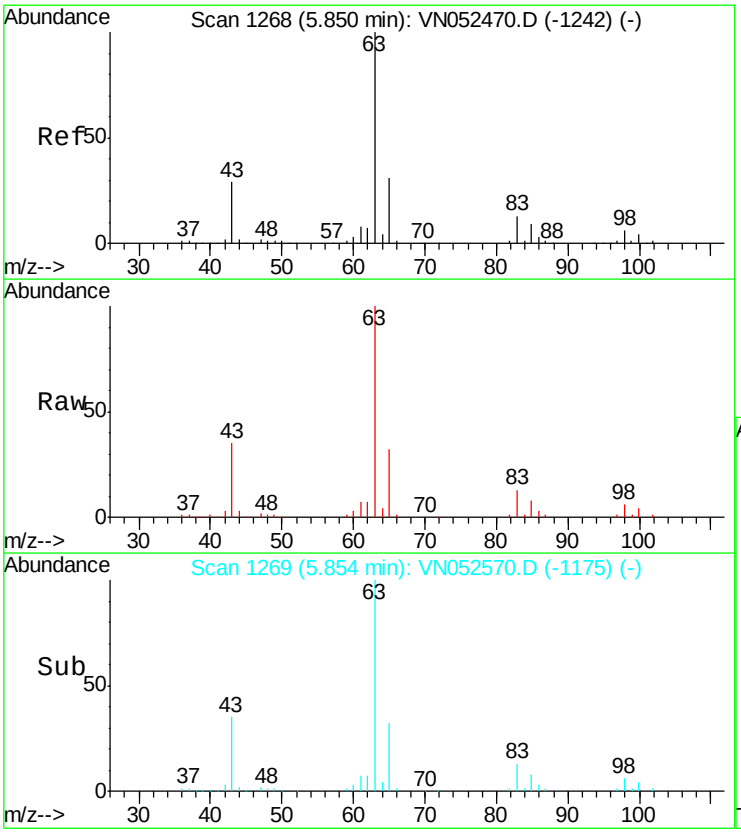
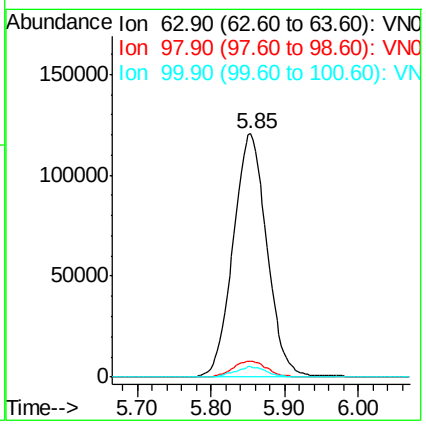
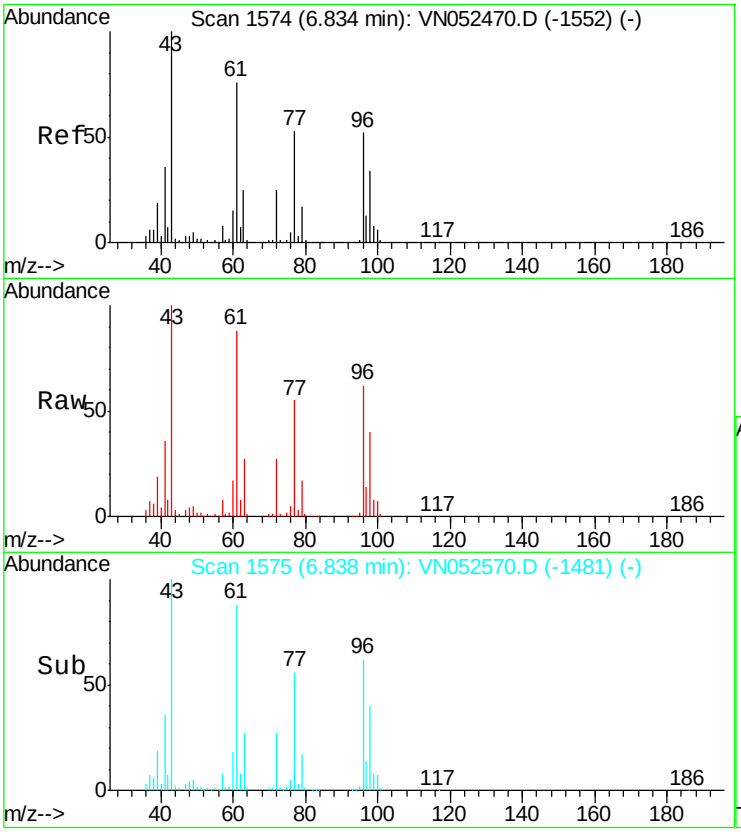


#24
1,1-Dichloroethane
Concen: 18.402 ug/l
RT: 5.85 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 63 Resp: 384723

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.0	9.2
100	4.3	2.0	5.8

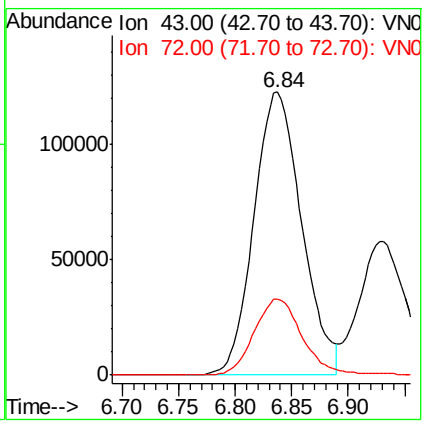




#25
2-Butanone
Concen: 81.265 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 43 Resp: 357175

Ion	Ratio	Lower	Upper
43	100		
72	27.0	20.1	30.1



Instrument :
MSVOA_N
ClientSampleId :
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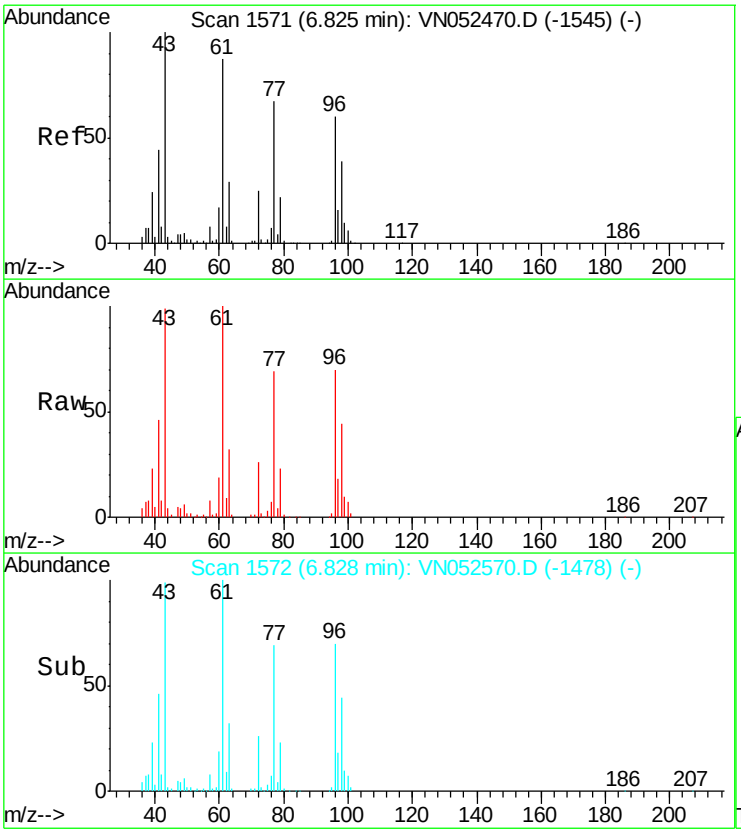
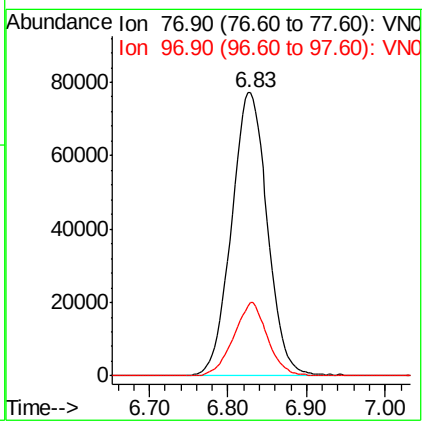
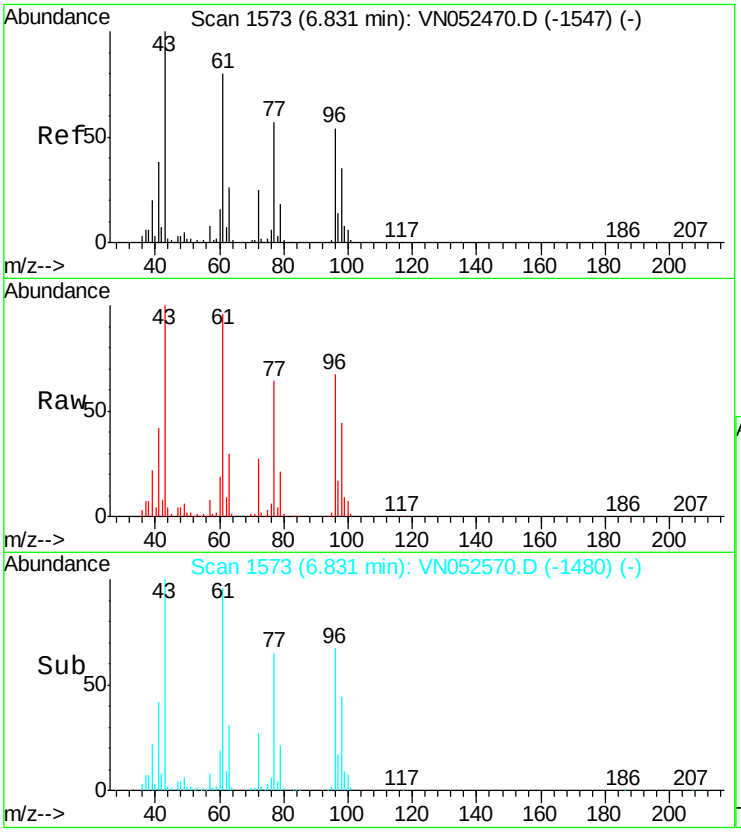


#26
2,2-Dichloropropane
Concen: 17.027 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 77 Resp: 246405

Ion	Ratio	Lower	Upper
77	100		
97	24.5	11.8	35.3

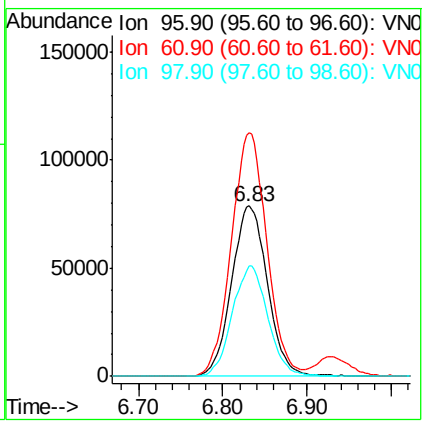




#27
cis-1,2-Dichloroethene
Concen: 18.561 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 96 Resp: 233565

Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	291.0
98	64.1	0.0	130.0



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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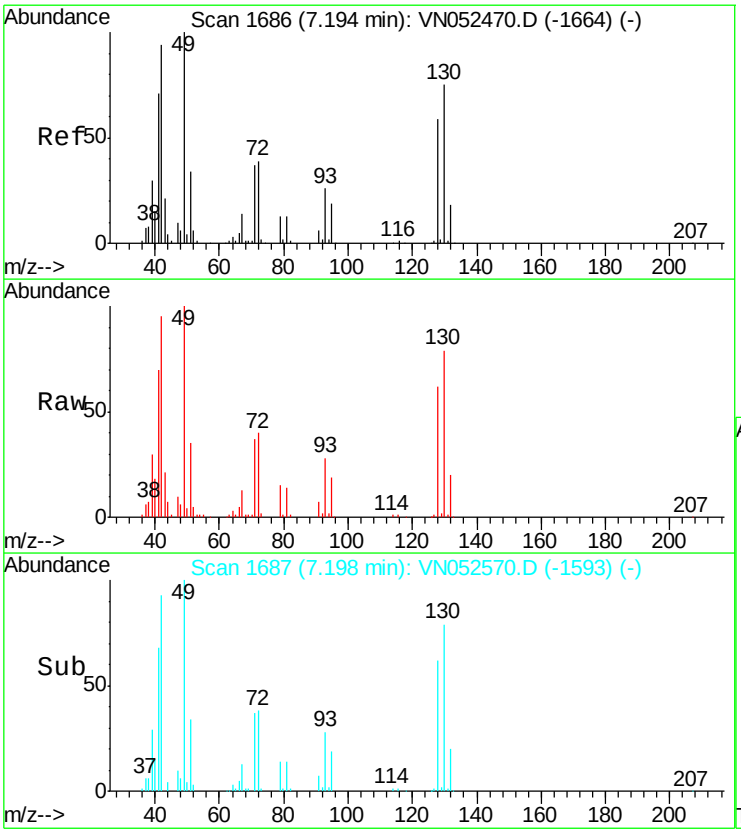
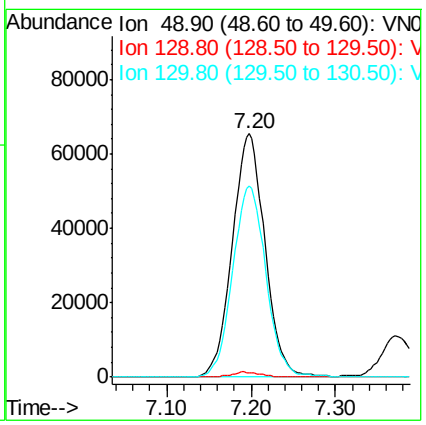
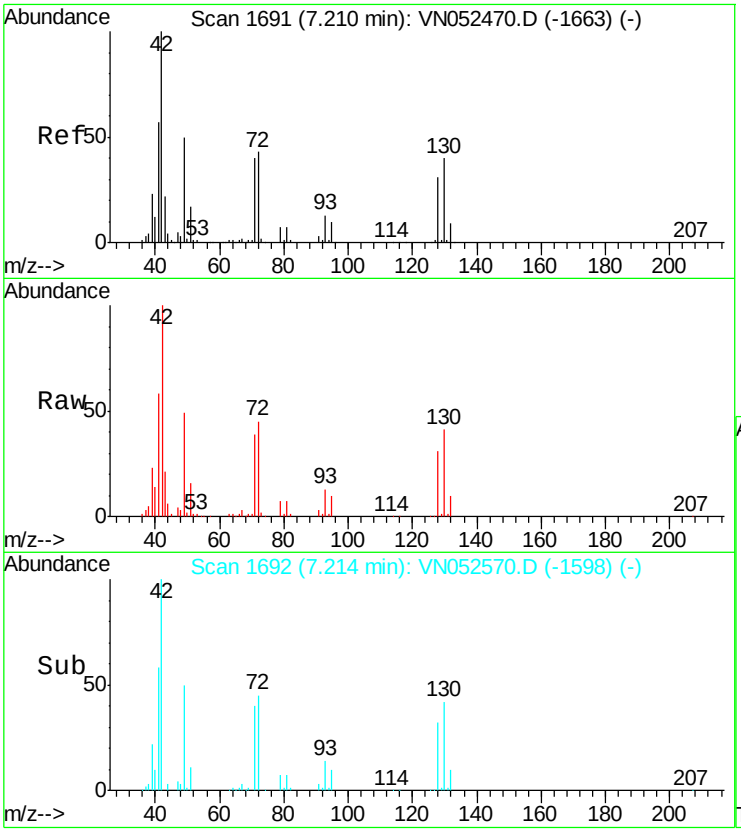


#28
Bromochloromethane
Concen: 18.462 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 49 Resp: 176294

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	79.9	60.2	90.2

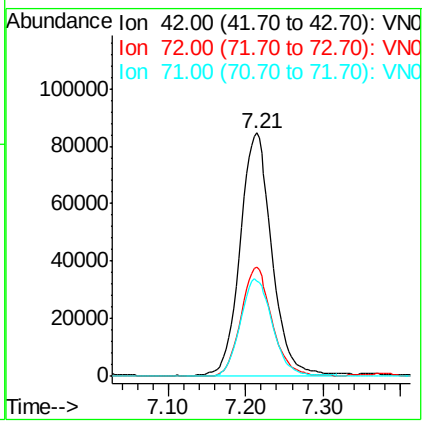




#29
Tetrahydrofuran
Concen: 85.715 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 42 Resp: 242993

Ion	Ratio	Lower	Upper
42	100		
72	43.5	33.3	49.9
71	40.2	32.0	48.0



Instrument :
MSVOA_N
ClientSampleId :
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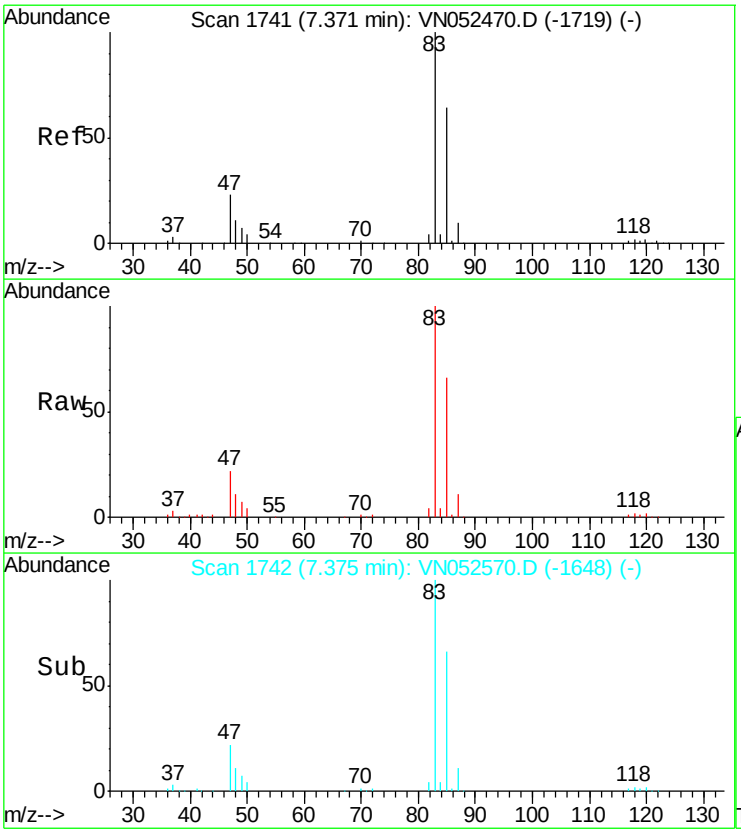
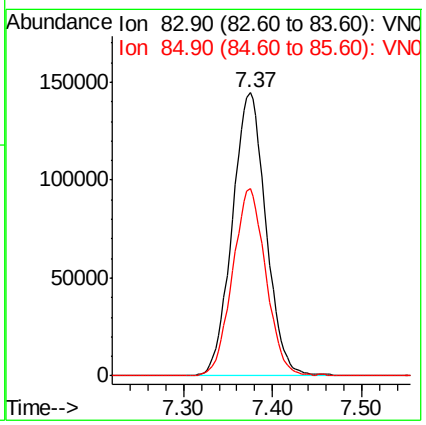
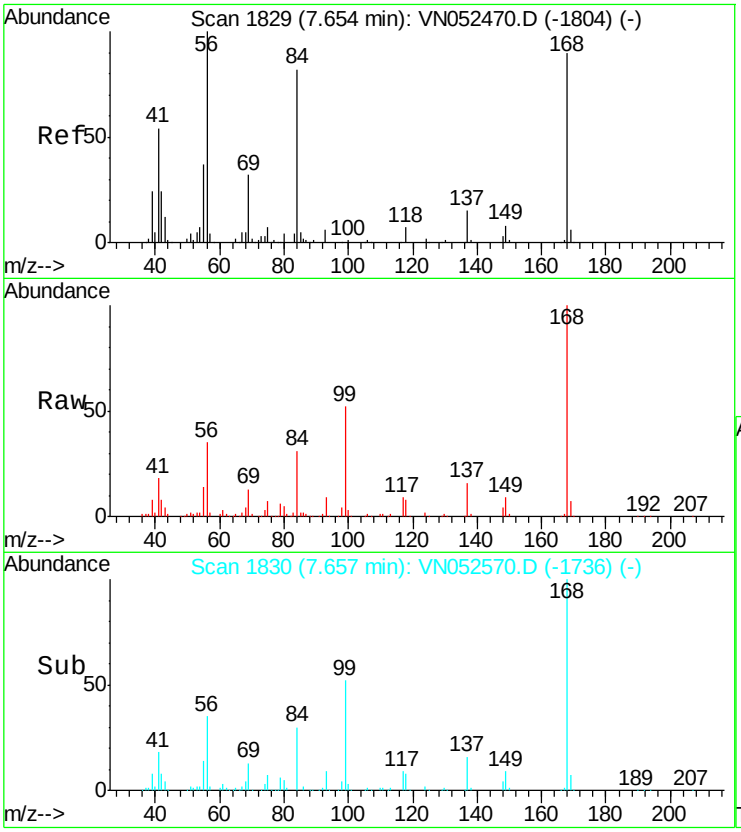


#30
Chloroform
Concen: 18.116 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 83 Resp: 377885

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.0	76.4

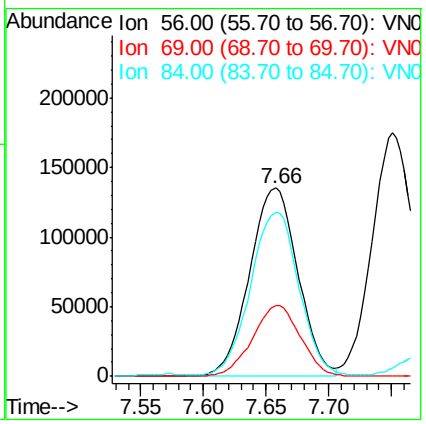




#31
Cyclohexane
Concen: 17.718 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 56 Resp: 363303

Ion	Ratio	Lower	Upper
56	100		
69	37.6	25.8	38.6
84	86.1	65.3	97.9



Instrument :
MSVOA_N
ClientSampleId :
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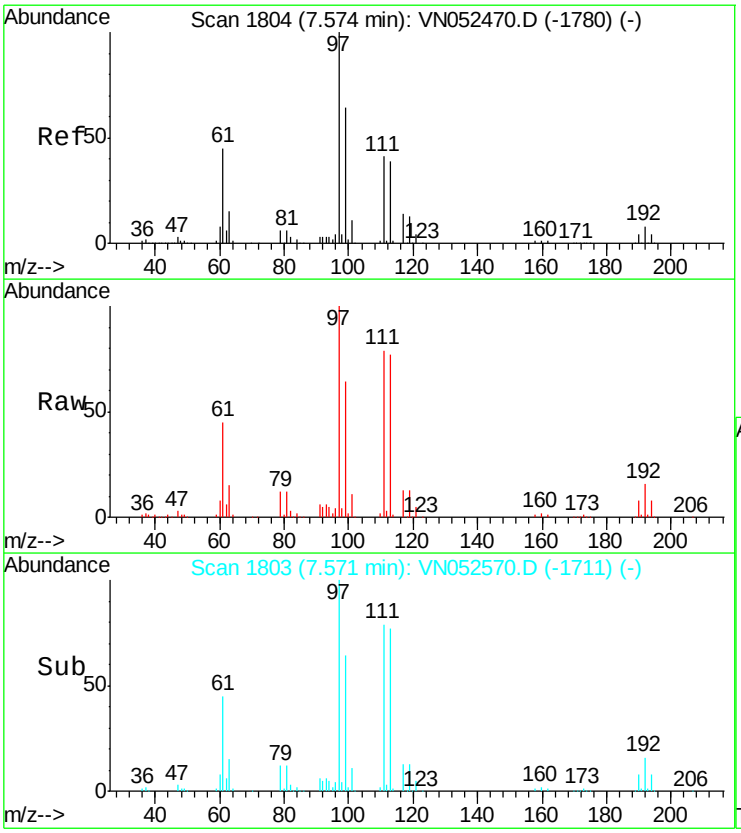
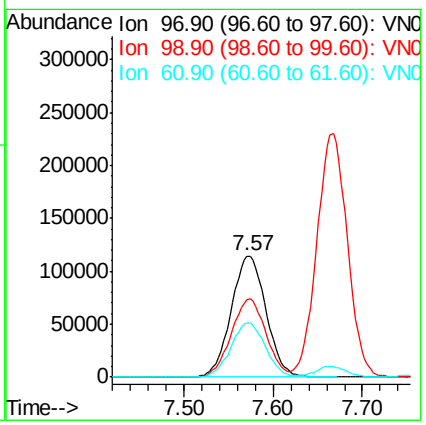
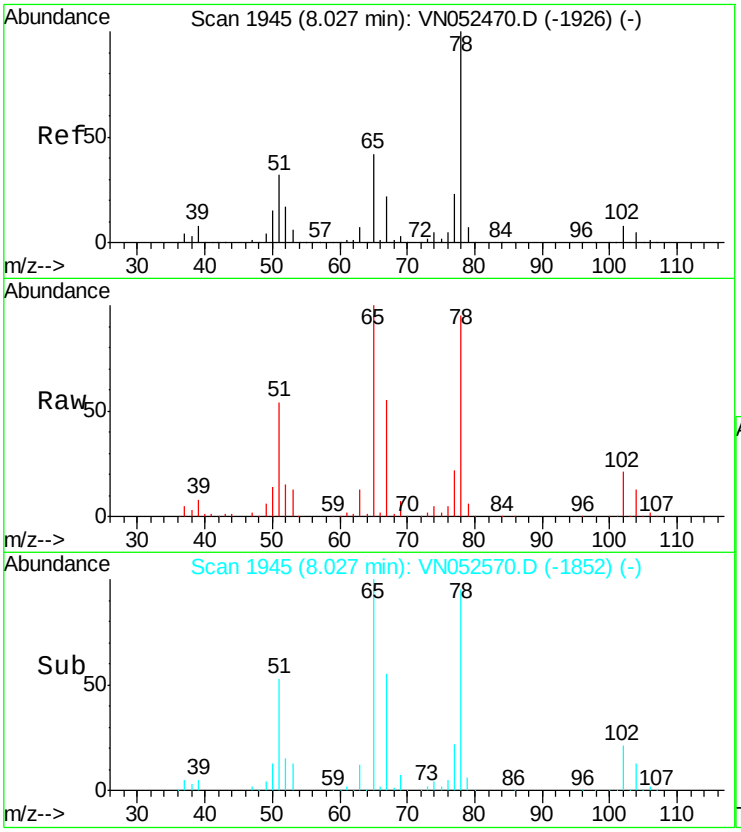


#32
1,1,1-Trichloroethane
Concen: 18.758 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 97 Resp: 310007

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	44.5	36.8	55.2

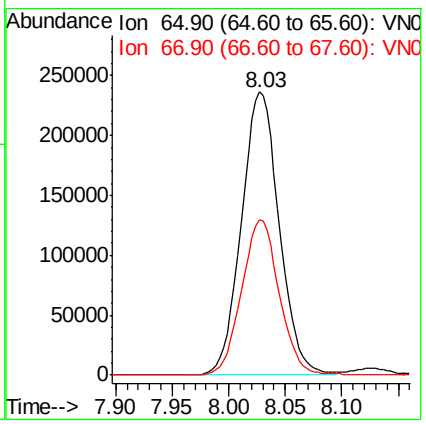




#33
1,2-Dichloroethane-d4
Concen: 18.758 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 65 Resp: 548891

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	109.8



Instrument :
MSVOA_N
ClientSampleId :
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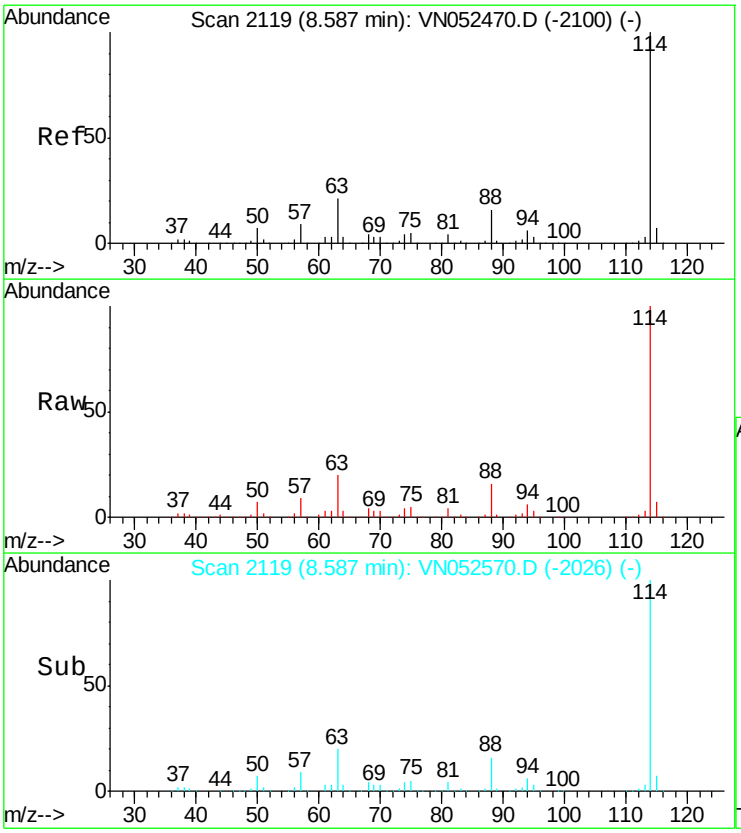
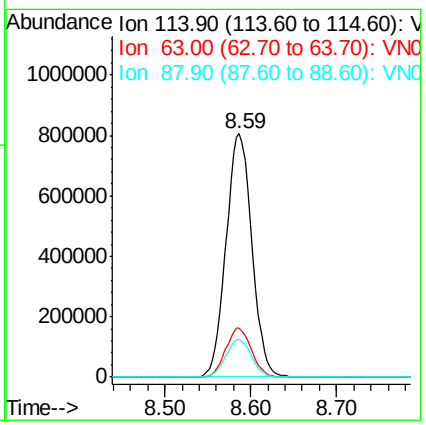
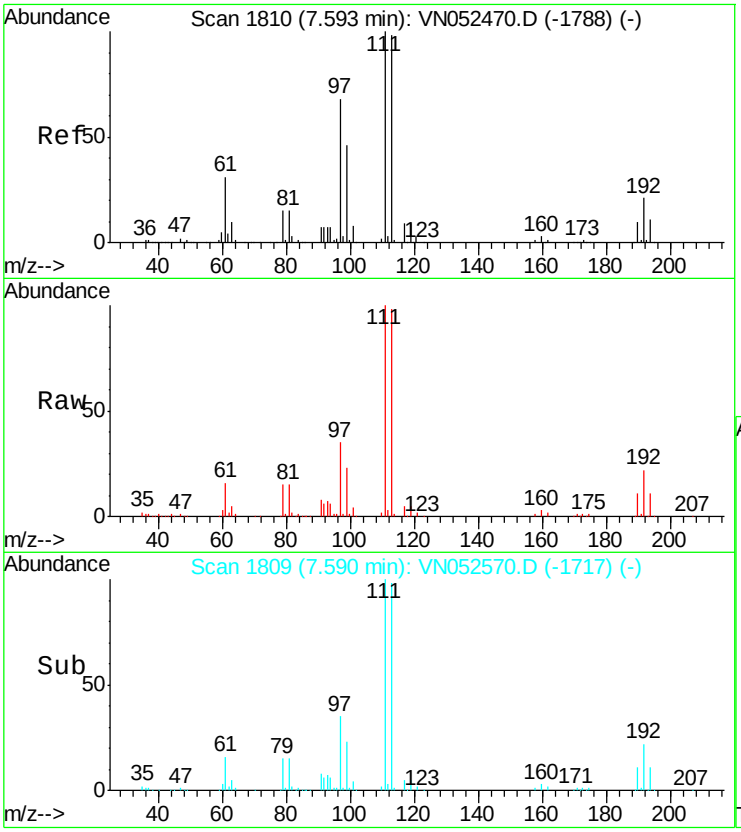


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion:114 Resp: 1675786

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.8
88	15.6	0.0	31.6

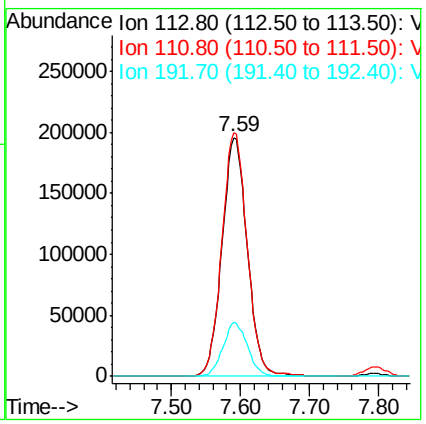




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion:113 Resp: 499774

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	22.0	17.0	25.6



Instrument :
MSVOA_N
ClientSampleId :
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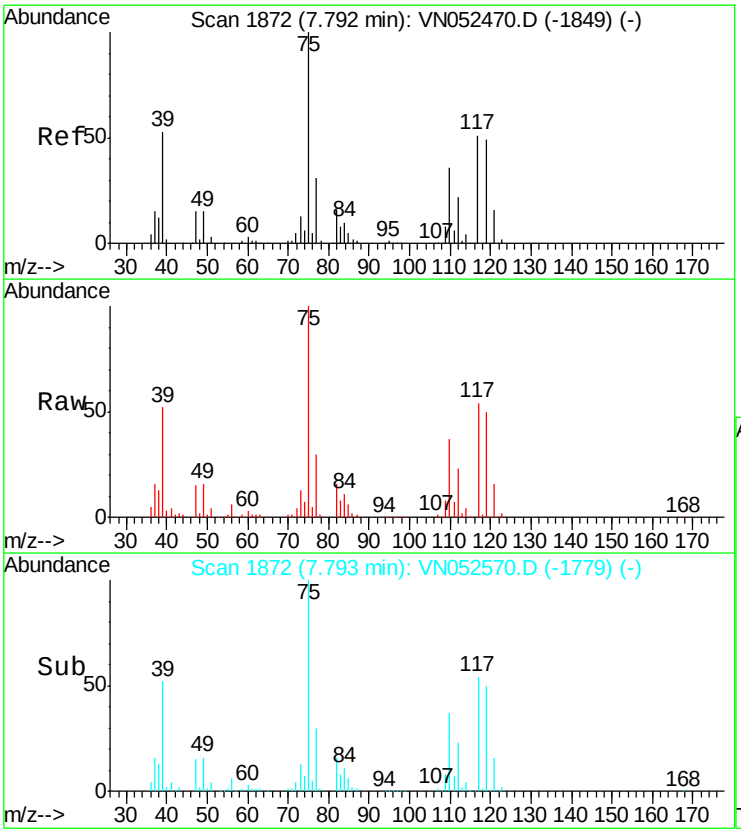
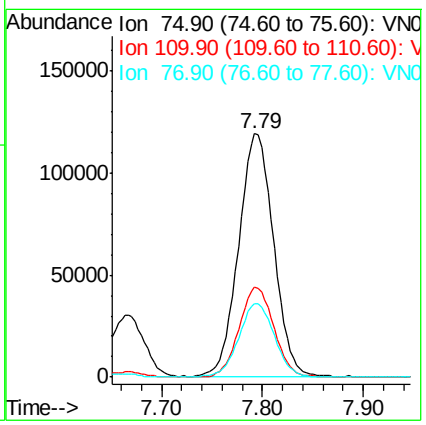
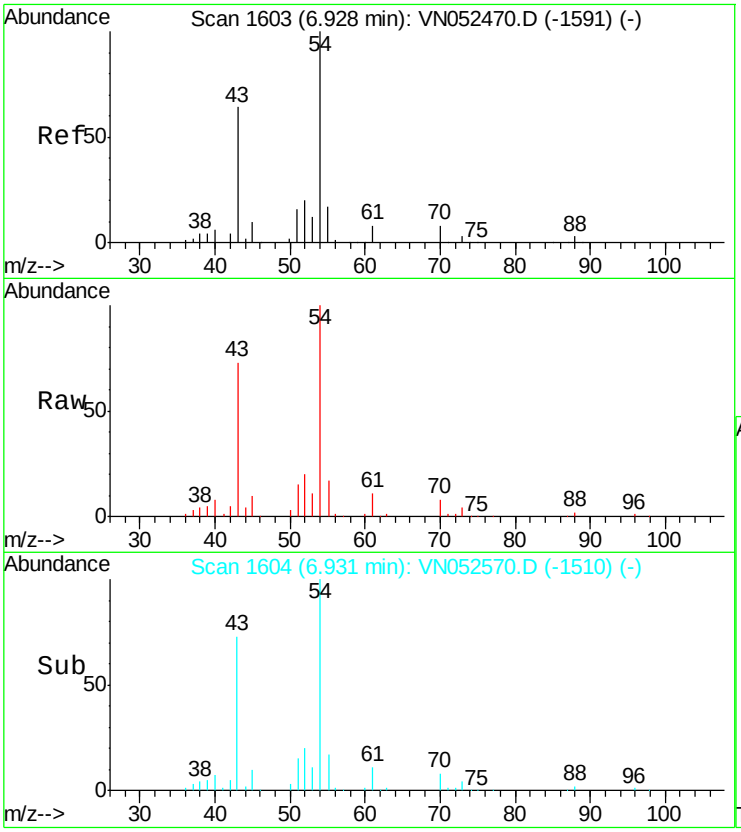


#36
1,1-Dichloropropene
Concen: 18.082 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 75 Resp: 286151

Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.5	52.6
77	31.0	24.5	36.7

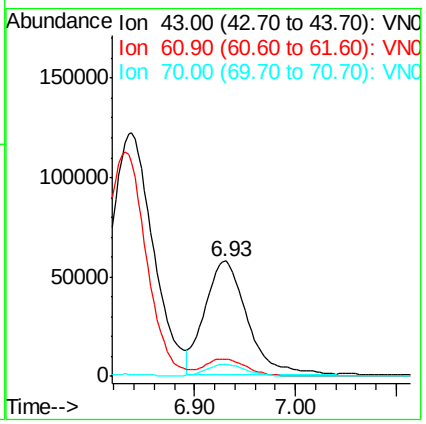




#37
Ethyl Acetate
Concen: 17.309 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 43 Resp: 167171

Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.8
70	10.3	7.8	11.8



Instrument :
MSVOA_N
ClientSampleId :
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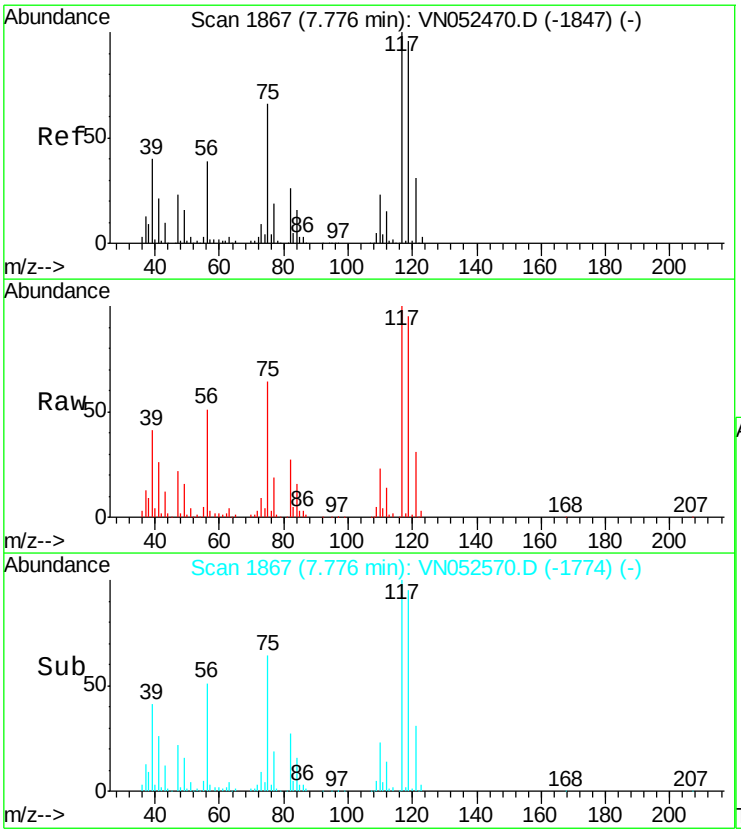
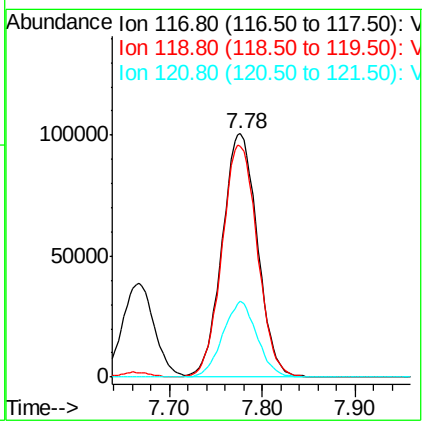
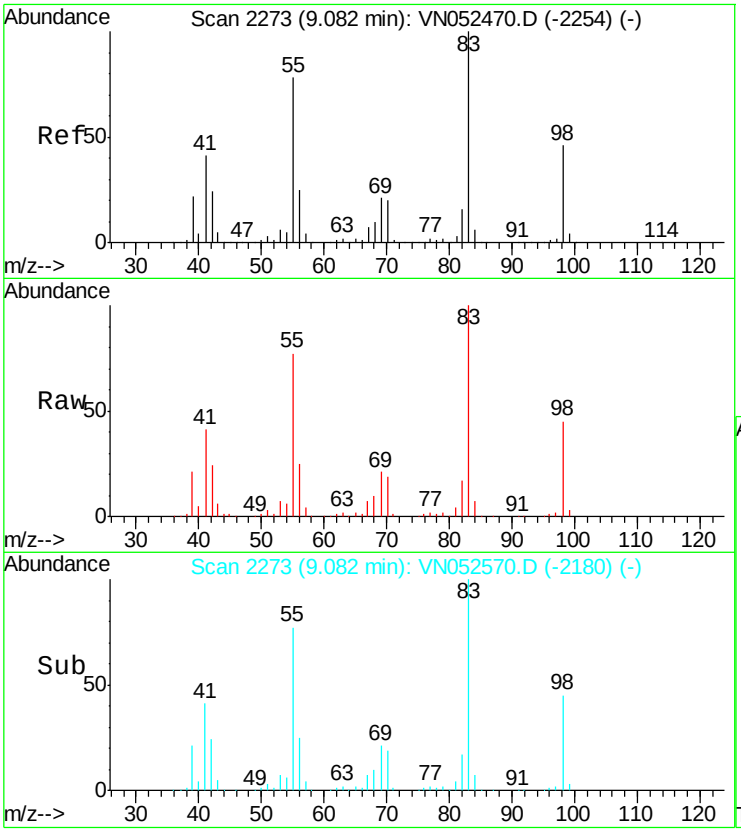


#38
Carbon Tetrachloride
Concen: 18.541 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion:117 Resp: 265620

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.8	115.2
121	31.1	24.9	37.3

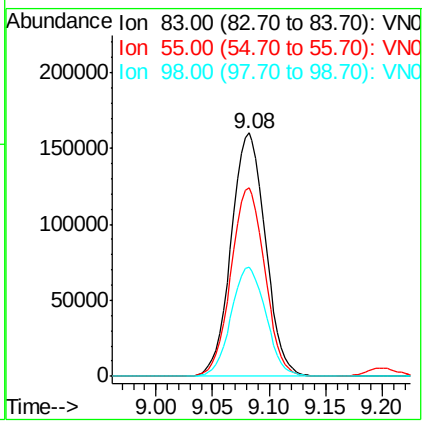




#39
Methylcyclohexane
Concen: 17.588 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 83 Resp: 338295

Ion	Ratio	Lower	Upper
83	100		
55	77.3	62.2	93.2
98	44.9	36.4	54.6



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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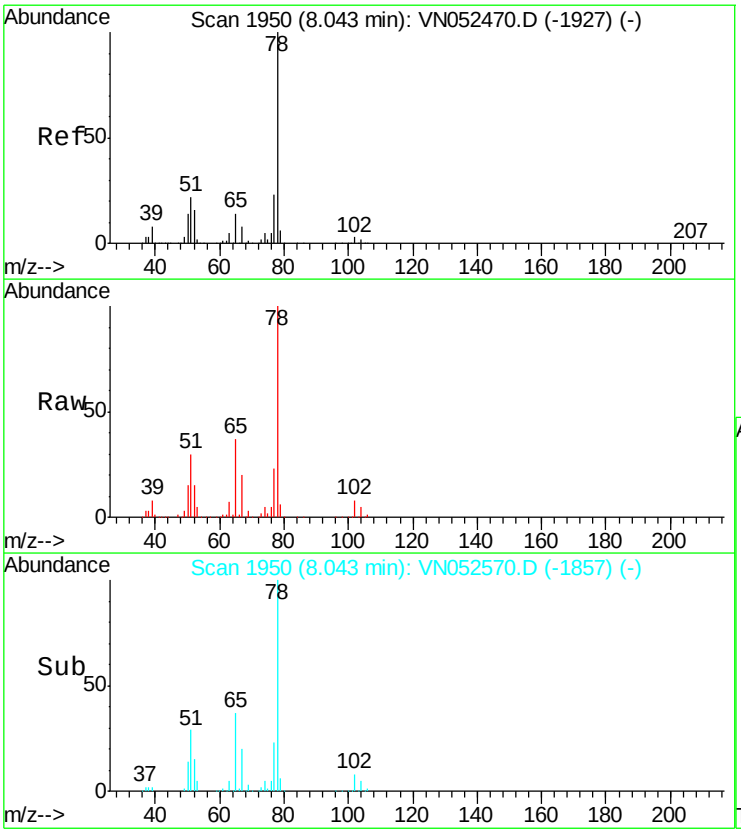
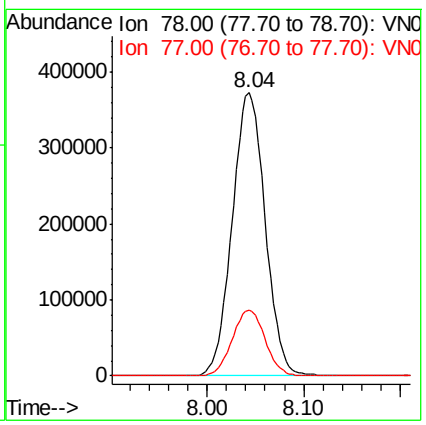
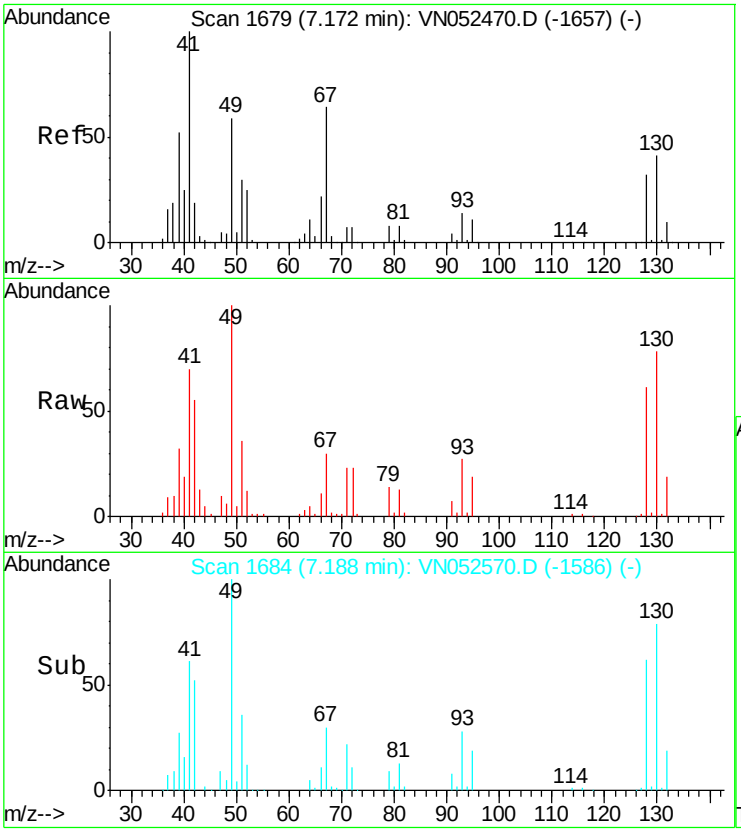


#40
Benzene
Concen: 18.706 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 78 Resp: 882199

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.8	28.2

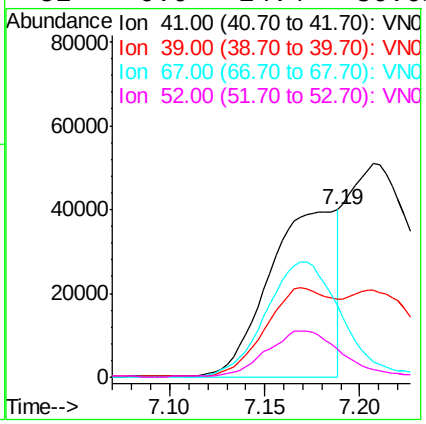




#41
Methacrylonitrile
Concen: 18.803 ug/l m
RT: 7.19 min Scan# 1684
Delta R.T. 0.02 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 41 Resp: 99280

Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.9	76.3#
67	0.0	63.6	95.4#
52	0.0	24.4	36.6#



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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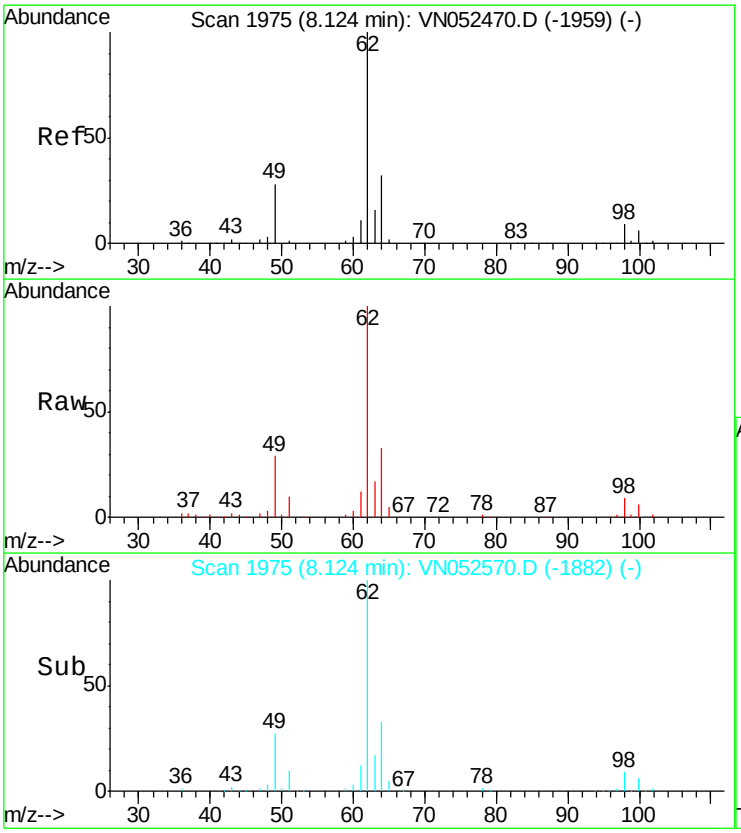
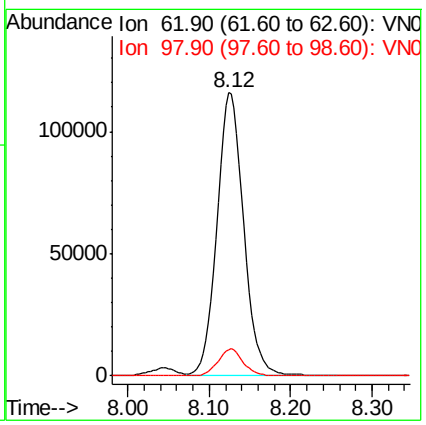
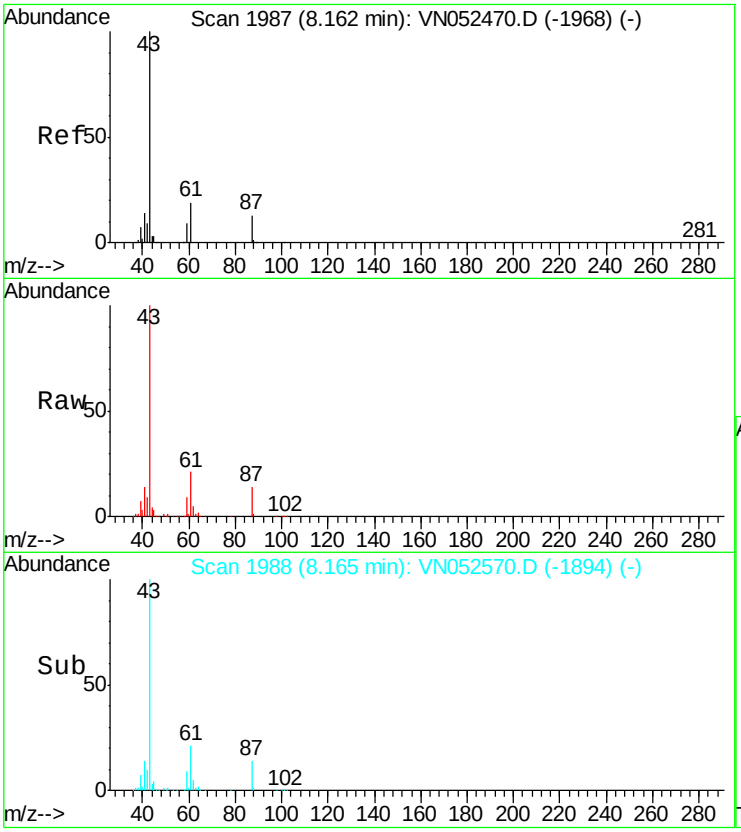


#42
1,2-Dichloroethane
Concen: 18.750 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 62 Resp: 267751

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6





#43
Isopropyl Acetate
Concen: 18.969 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 43 Resp: 310025

Ion	Ratio	Lower	Upper
43	100		
61	20.0	24.1	36.1#
87	12.8	10.6	15.8

Instrument :
MSVOA_N
ClientSampleId :
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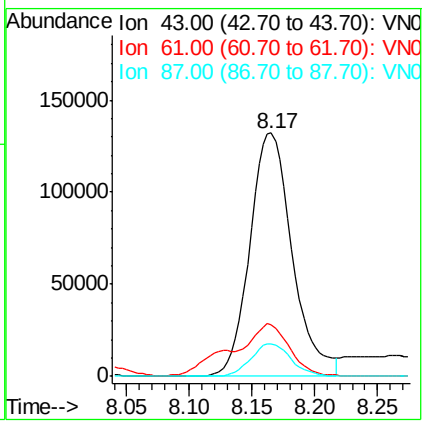
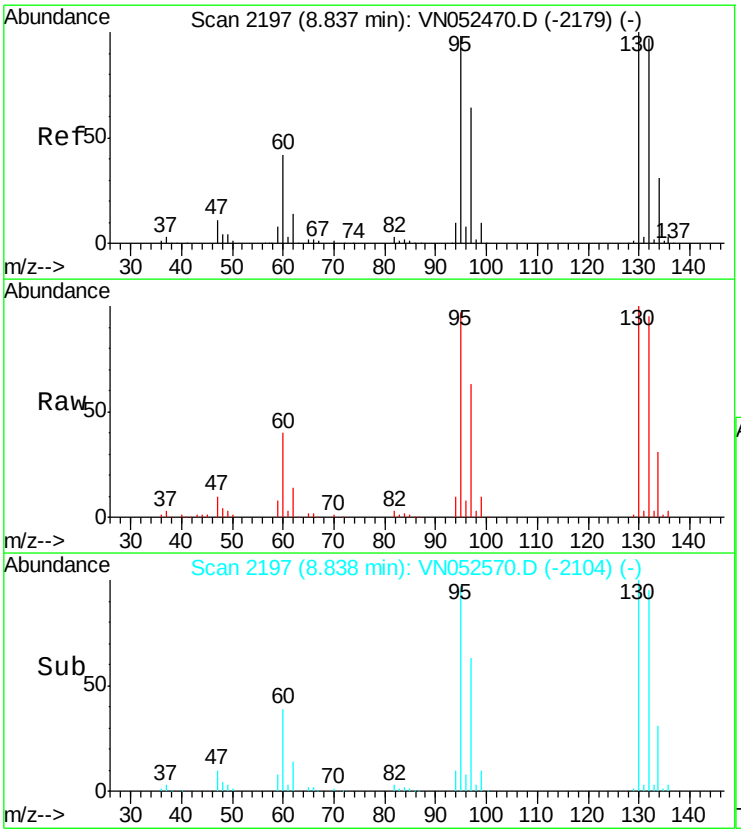
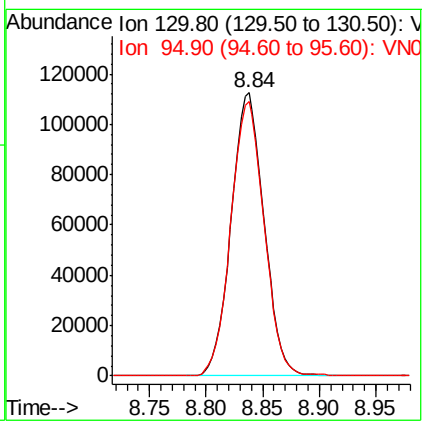


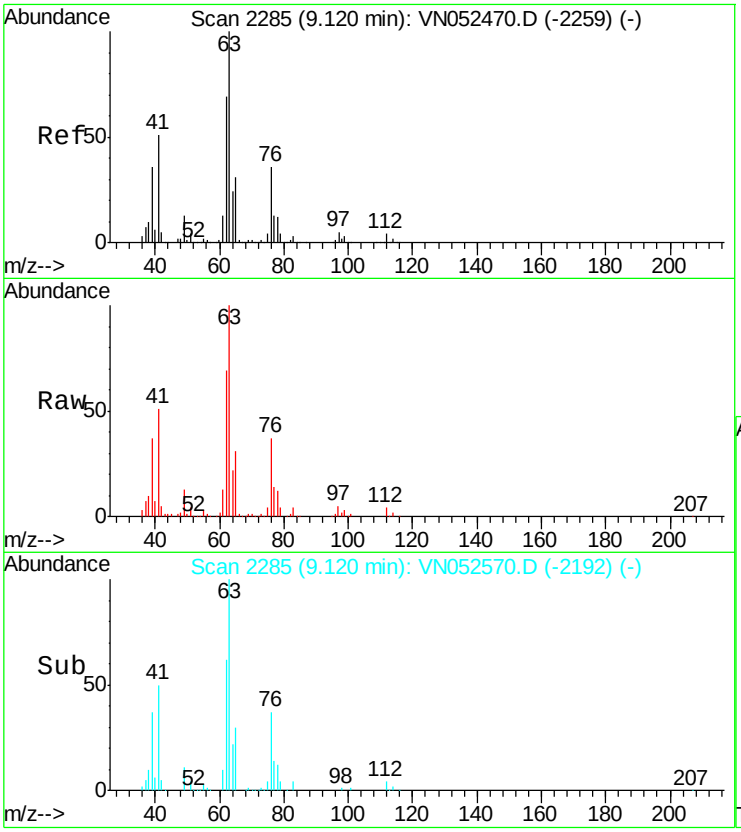


#44
Trichloroethene
Concen: 18.873 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion:130 Resp: 227990

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	195.6

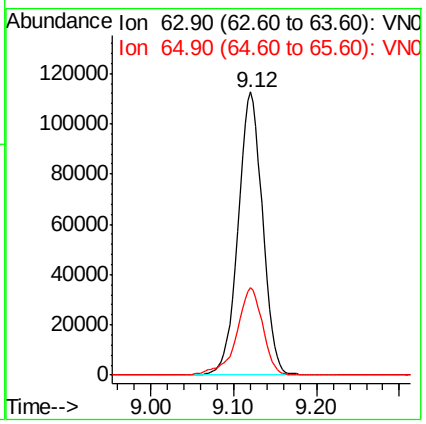




#45
1,2-Dichloropropane
Concen: 18.431 ug/l
RT: 9.12 min Scan# 2285
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 63 Resp: 231100

Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.0	37.6



Instrument :
MSVOA_N
ClientSampleId :
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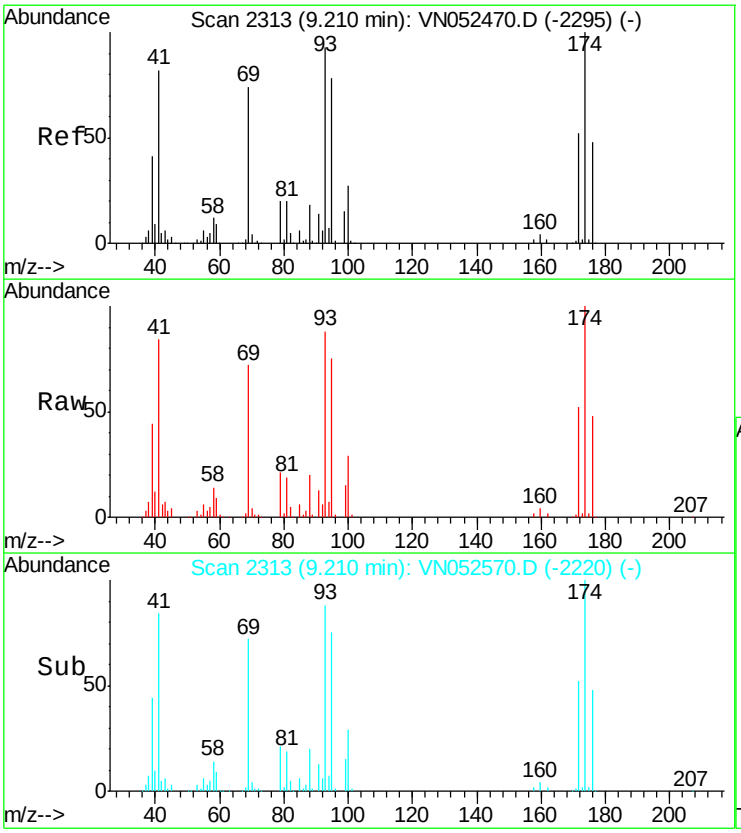
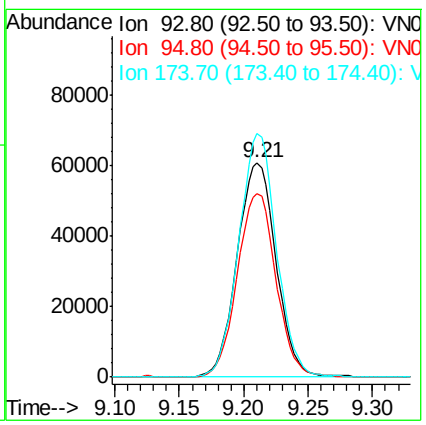
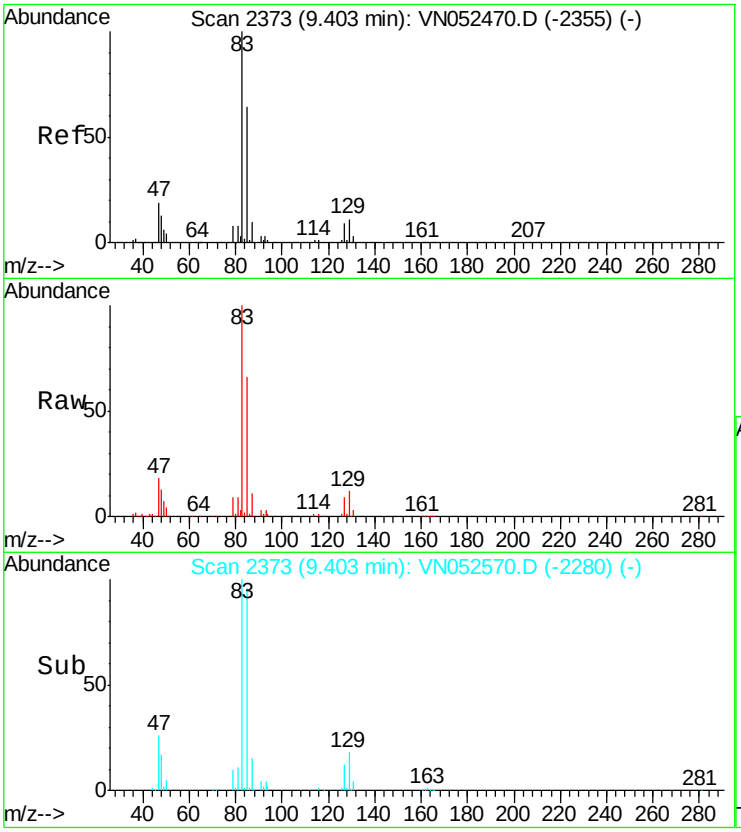


#46
Dibromomethane
Concen: 18.464 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 93 Resp: 128163

Ion	Ratio	Lower	Upper
93	100		
95	85.4	67.1	100.7
174	110.3	85.8	128.8

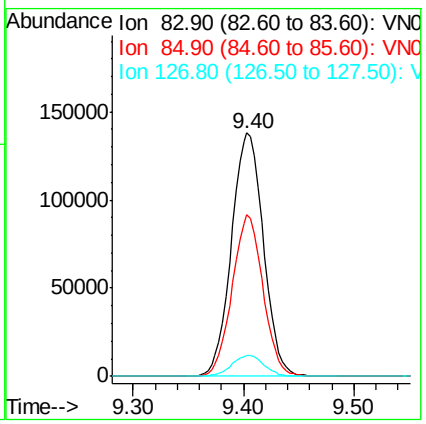




#47
Bromodichloromethane
Concen: 18.334 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 83 Resp: 276674

Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.3	76.9
127	8.5	6.9	10.3



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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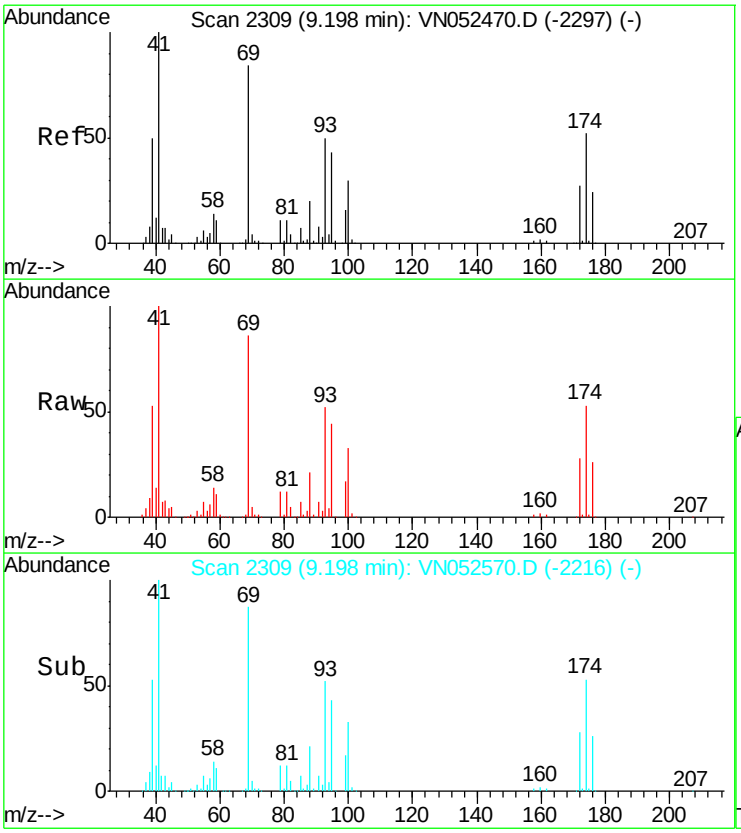
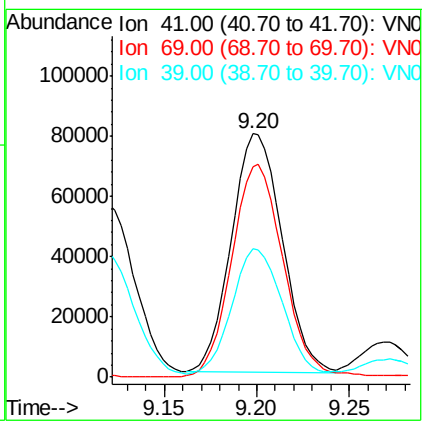
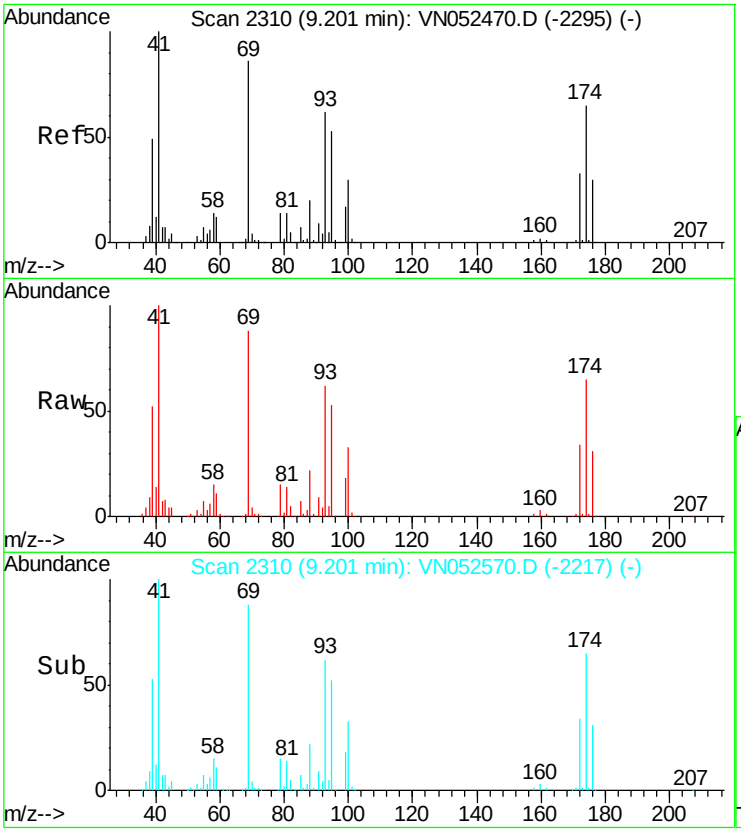


#48
Methyl methacrylate
Concen: 17.742 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 41 Resp: 151202

Ion	Ratio	Lower	Upper
41	100		
69	91.5	70.0	105.0
39	54.0	42.6	64.0

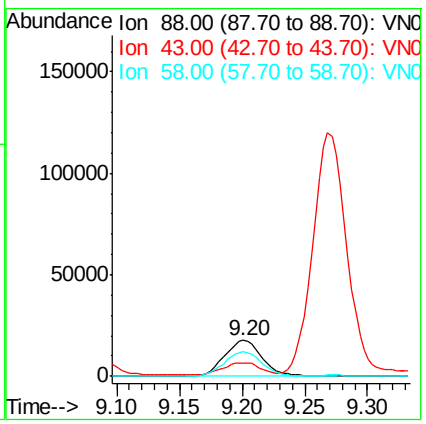




#49
1,4-Dioxane
Concen: 420.359 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 88 Resp: 37179

Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.4	39.6
58	69.4	55.4	83.0



Instrument :
MSVOA_N
ClientSampleId :
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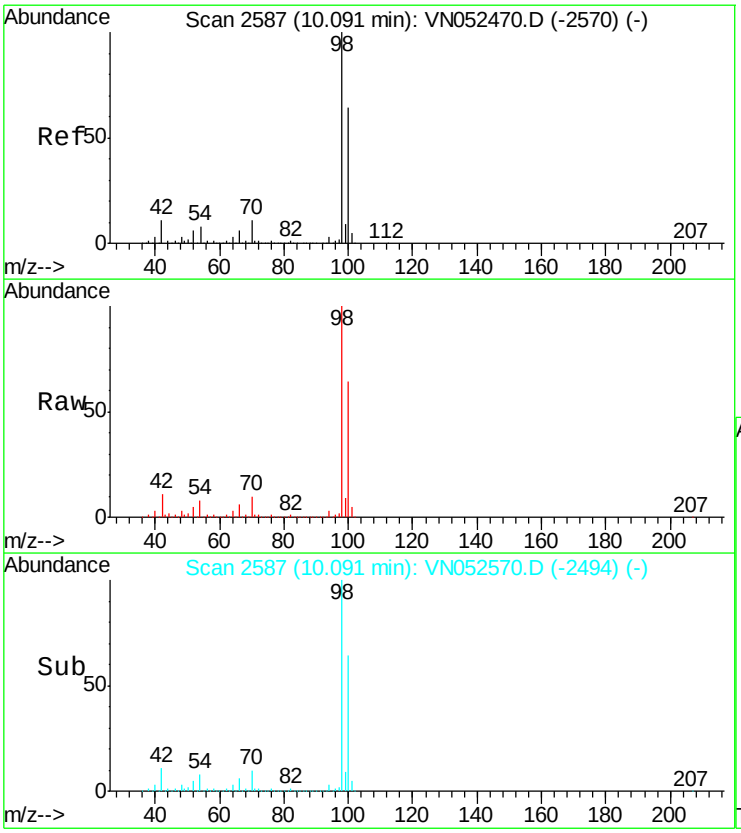
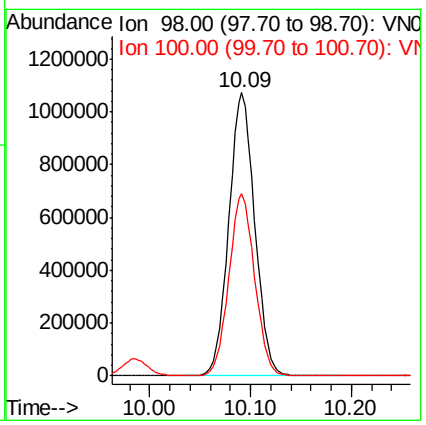
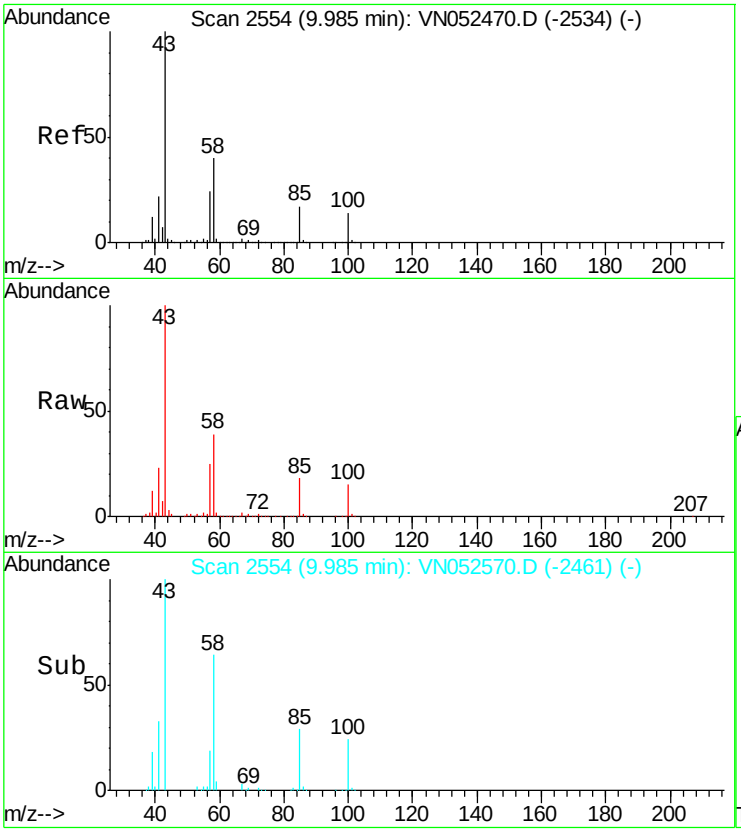


#50
Toluene-d8
Concen: 420.359 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 98 Resp: 1917999

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.3	76.9





#51
4-Methyl-2-Pentanone
Concen: 89.421 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 43 Resp: 819996

Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.5	47.3

Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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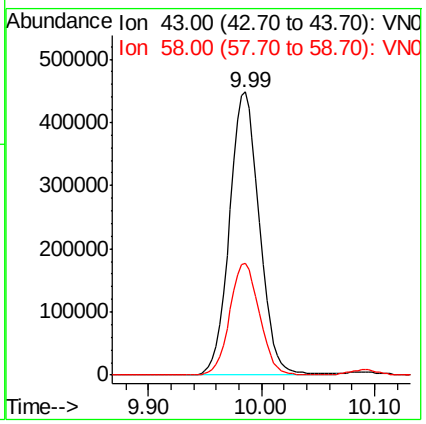
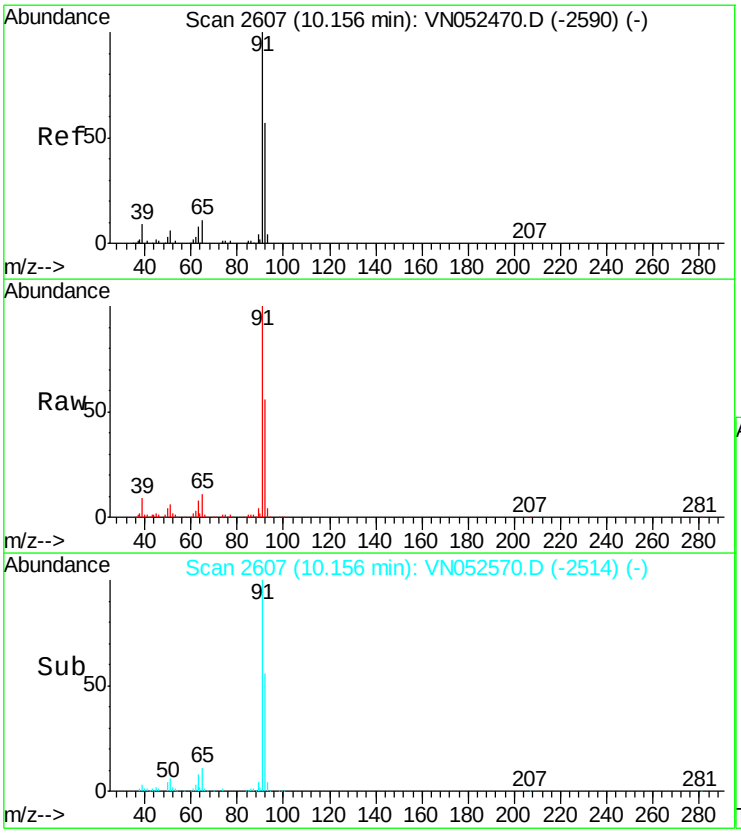
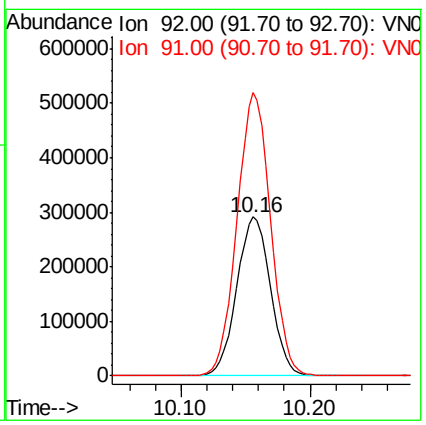


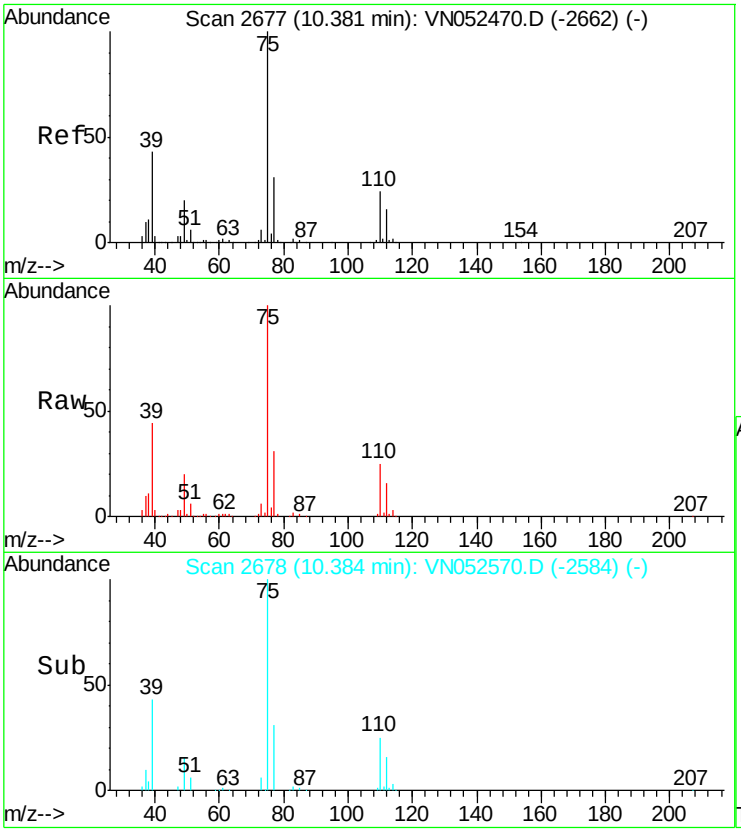


#52
Toluene
Concen: 18.948 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 92 Resp: 530923

Ion	Ratio	Lower	Upper
92	100		
91	176.8	141.0	211.4

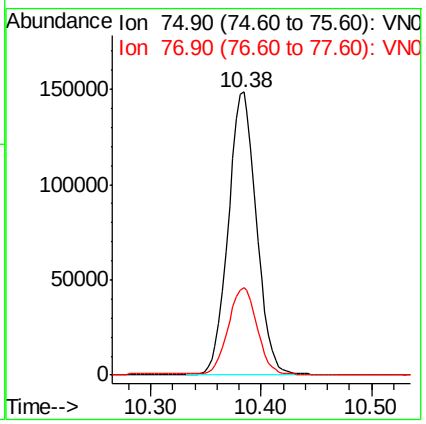




#53
t-1,3-Dichloropropene
Concen: 18.169 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 75 Resp: 263778

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.0	37.4



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

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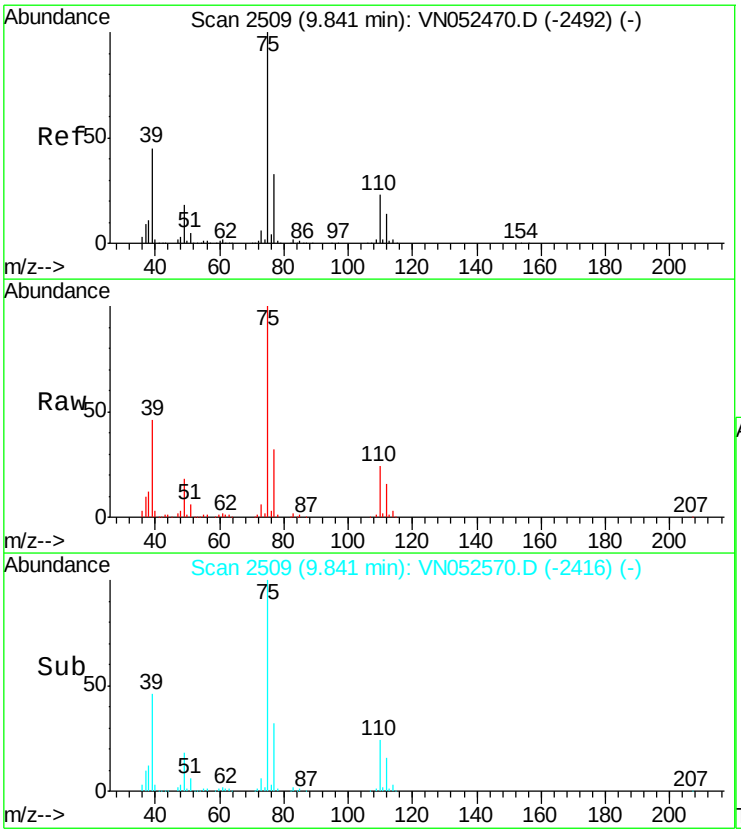
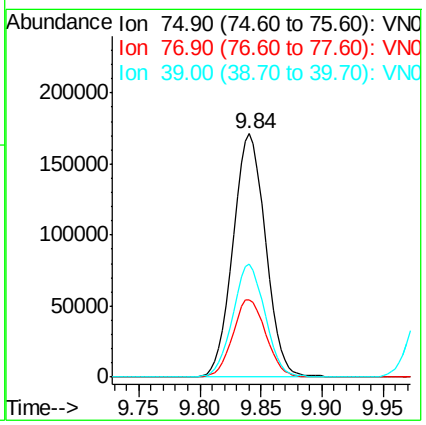
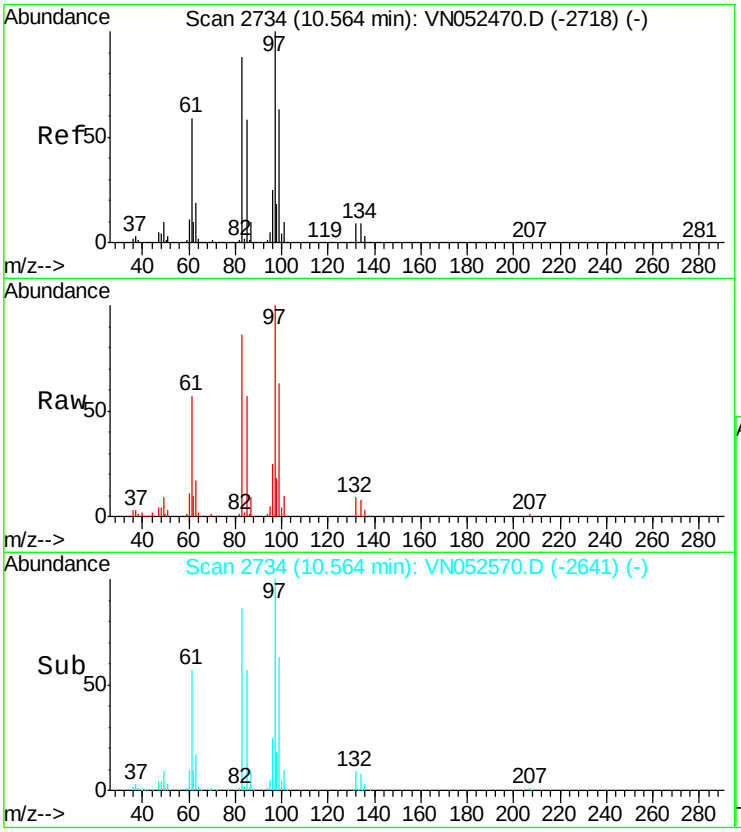


#54
cis-1,3-Dichloropropene
Concen: 18.247 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 75 Resp: 317459

Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.2	39.2
39	46.2	36.0	54.0

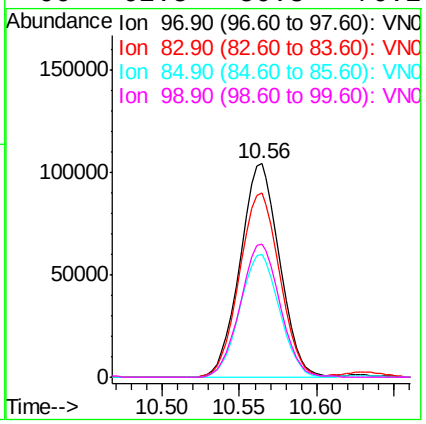




#55
1,1,2-Trichloroethane
Concen: 18.801 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 97 Resp: 185308

Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.7	106.1
85	57.3	46.1	69.1
99	62.5	50.8	76.2



Instrument :
MSVOA_N
ClientSampleId :
VN1129WBSD01

Manual Integrations APPROVED
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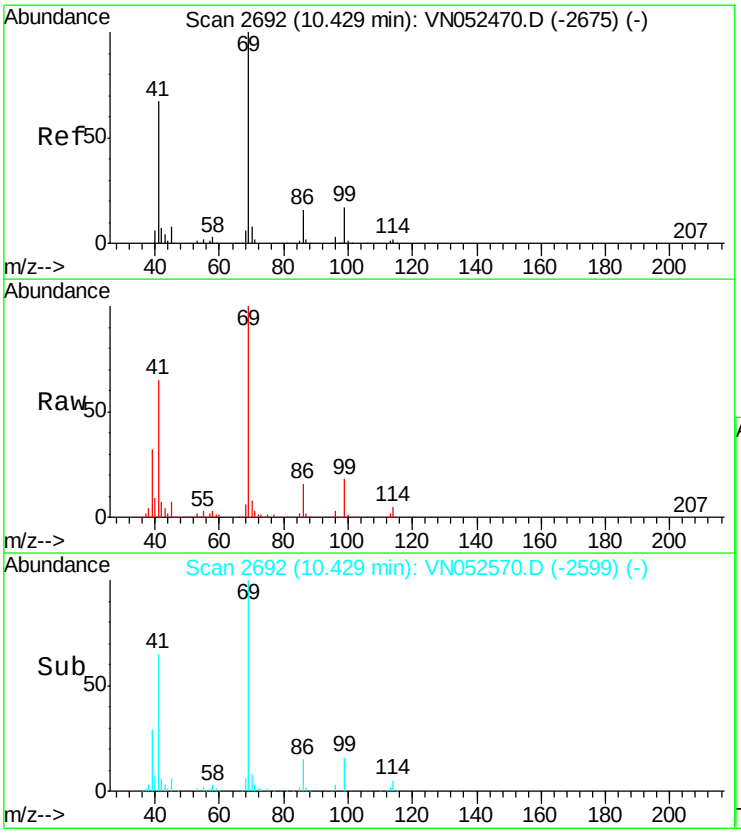

#56
Ethyl methacrylate
Concen: 18.772 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN052570.D
Acq: 29 Nov 2018 17:31

Tgt Ion: 69 Resp: 232597

Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.6	79.0
39	32.0	25.9	38.9