Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070364.D
Acq On : 29 Dec 2021 22:39
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 30 01:53:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2021
Supervised By :Mahesh Dadoda 12/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	902435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1492604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1427140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	578898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	633823	48.848	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.700%			
35) Dibromofluoromethane	8.021	113	456863	50.588	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.180%			
50) Toluene-d8	10.440	98	1832413	49.669	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.340%			
62) 4-Bromofluorobenzene	12.731	95	676829	50.795	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	557547	54.479	ug/l	98
3) Chloromethane	2.303	50	740041	53.158	ug/l	99
4) Vinyl Chloride	2.445	62	682390	53.838	ug/l	98
5) Bromomethane	2.837	94	349294	53.392	ug/l	100
6) Chloroethane	3.009	64	398338	52.186	ug/l	98
7) Trichlorofluoromethane	3.371	101	780233	51.143	ug/l	98
8) Diethyl Ether	3.824	74	367987	54.717	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	509096	54.559	ug/l	95
10) Methyl Iodide	4.417	142	704254	55.770	ug/l	99
11) Tert butyl alcohol	5.385	59	556220	257.456	ug/l #	86
12) 1,1-Dichloroethene	4.178	96	495354	53.896	ug/l	92
13) Acrolein	4.039	56	471290	268.853	ug/l	99
14) Allyl chloride	4.838	41	1189646	57.090	ug/l #	86
15) Acrylonitrile	5.557	53	2036058	302.006	ug/l	99
16) Acetone	4.288	43	1772632	210.452	ug/l	99
17) Carbon Disulfide	4.524	76	1423586	56.744	ug/l	99
18) Methyl Acetate	4.857	43	1397505	57.357	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1899488	55.651	ug/l	94
20) Methylene Chloride	5.093	84	628402	53.923	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	537301	55.214	ug/l	88
22) Diisopropyl ether	6.498	45	2322595	57.225	ug/l #	91
23) Vinyl Acetate	6.436	43	9337047	296.506	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1160012	55.121	ug/l	98
25) 2-Butanone	7.337	43	2914926	274.849	ug/l	91
26) 2,2-Dichloropropane	7.327	77	799448	48.154	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	644253	55.484	ug/l	87
28) Bromochloromethane	7.657	49	523942	50.907	ug/l #	76
29) Tetrahydrofuran	7.686	42	1945123	307.400	ug/l	87
30) Chloroform	7.817	83	1114759	54.907	ug/l	100
31) Cyclohexane	8.094	56	1099466	53.697	ug/l	85
32) 1,1,1-Trichloroethane	8.013	97	949238	55.451	ug/l	96
36) 1,1-Dichloropropene	8.222	75	823883	55.147	ug/l	96
37) Ethyl Acetate	7.415	43	1153417	59.562	ug/l	96
38) Carbon Tetrachloride	8.206	117	814170	57.072	ug/l	99
39) Methylcyclohexane	9.459	83	974061	53.855	ug/l	89
40) Benzene	8.461	78	2546920	55.608	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2021
Supervised By :Mahesh Dadoda 12/30/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.638	41	614819	63.475	ug/l	#	86
42) 1,2-Dichloroethane	8.531	62	939891	54.595	ug/l		98
43) Isopropyl Acetate	8.563	43	1798608	58.910	ug/l	#	95
44) Trichloroethene	9.217	130	585079	53.761	ug/l		93
45) 1,2-Dichloropropane	9.491	63	706442	57.286	ug/l		99
46) Dibromomethane	9.577	93	431627	56.288	ug/l		95
47) Bromodichloromethane	9.762	83	912328	59.918	ug/l		99
48) Methyl methacrylate	9.561	41	848102	58.236	ug/l		85
49) 1,4-Dioxane	9.571	88	200206	939.152	ug/l	#	83
51) 4-Methyl-2-Pentanone	10.330	43	6015228	313.544	ug/l		96
52) Toluene	10.505	92	1577486	56.901	ug/l		98
53) t-1,3-Dichloropropene	10.719	75	968014	58.726	ug/l		99
54) cis-1,3-Dichloropropene	10.191	75	1045180	58.615	ug/l		94
55) 1,1,2-Trichloroethane	10.899	97	624182	56.904	ug/l		98
56) Ethyl methacrylate	10.762	69	1101701	60.785	ug/l		89
57) 1,3-Dichloropropane	11.044	76	1109412	57.182	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.041	63	1192744	257.071	ug/l		90
59) 2-Hexanone	11.084	43	4324942	309.138	ug/l		94
60) Dibromochloromethane	11.237	129	670439	62.644	ug/l		99
61) 1,2-Dibromoethane	11.347	107	641937	57.636	ug/l		100
64) Tetrachloroethene	10.977	164	527306	51.024	ug/l		95
65) Chlorobenzene	11.771	112	1641609	54.212	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.840	131	609642	56.395	ug/l		99
67) Ethyl Benzene	11.843	91	3086421	55.630	ug/l		96
68) m/p-Xylenes	11.953	106	2279432	112.868	ug/l		94
69) o-Xylene	12.280	106	1127736	56.141	ug/l		92
70) Styrene	12.294	104	1879254	59.109	ug/l		96
71) Bromoform	12.457	173	529219	65.964	ug/l	#	100
73) Isopropylbenzene	12.578	105	2932487	54.549	ug/l		98
74) N-amyl acetate	12.388	43	1378643	60.991	ug/l		95
75) 1,1,2,2-Tetrachloroethane	12.827	83	1008174	58.163	ug/l		99
76) 1,2,3-Trichloropropane	12.878	75	924287m	53.716	ug/l		
77) Bromobenzene	12.860	156	677974	54.931	ug/l		76
78) n-propylbenzene	12.921	91	3363382	56.467	ug/l		96
79) 2-Chlorotoluene	13.007	91	2065639	54.049	ug/l		93
80) 1,3,5-Trimethylbenzene	13.058	105	2388289	55.438	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.626	75	302193	63.778	ug/l		98
82) 4-Chlorotoluene	13.104	91	1985926	55.474	ug/l		92
83) tert-Butylbenzene	13.324	119	2031520	53.555	ug/l		93
84) 1,2,4-Trimethylbenzene	13.366	105	2350221	56.655	ug/l		97
85) sec-Butylbenzene	13.501	105	2872164	55.769	ug/l		97
86) p-Isopropyltoluene	13.616	119	2267544	56.050	ug/l		97
87) 1,3-Dichlorobenzene	13.616	146	1131788	54.778	ug/l		98
88) 1,4-Dichlorobenzene	13.694	146	1081221	53.051	ug/l		97
89) n-Butylbenzene	13.943	91	1878812	55.678	ug/l		97
90) Hexachloroethane	14.211	117	450223	64.060	ug/l		90
91) 1,2-Dichlorobenzene	13.989	146	1081743	53.406	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	191726	61.564	ug/l		80
93) 1,2,4-Trichlorobenzene	15.265	180	535506	56.111	ug/l		98
94) Hexachlorobutadiene	15.370	225	297523	53.640	ug/l		99
95) Naphthalene	15.504	128	1582185	59.627	ug/l		100
96) 1,2,3-Trichlorobenzene	15.700	180	531626	58.100	ug/l		98

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ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 30 01:53:26 2021
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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/30/2021
Supervised By :Mahesh Dadoda 12/30/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
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ClientSampleId :
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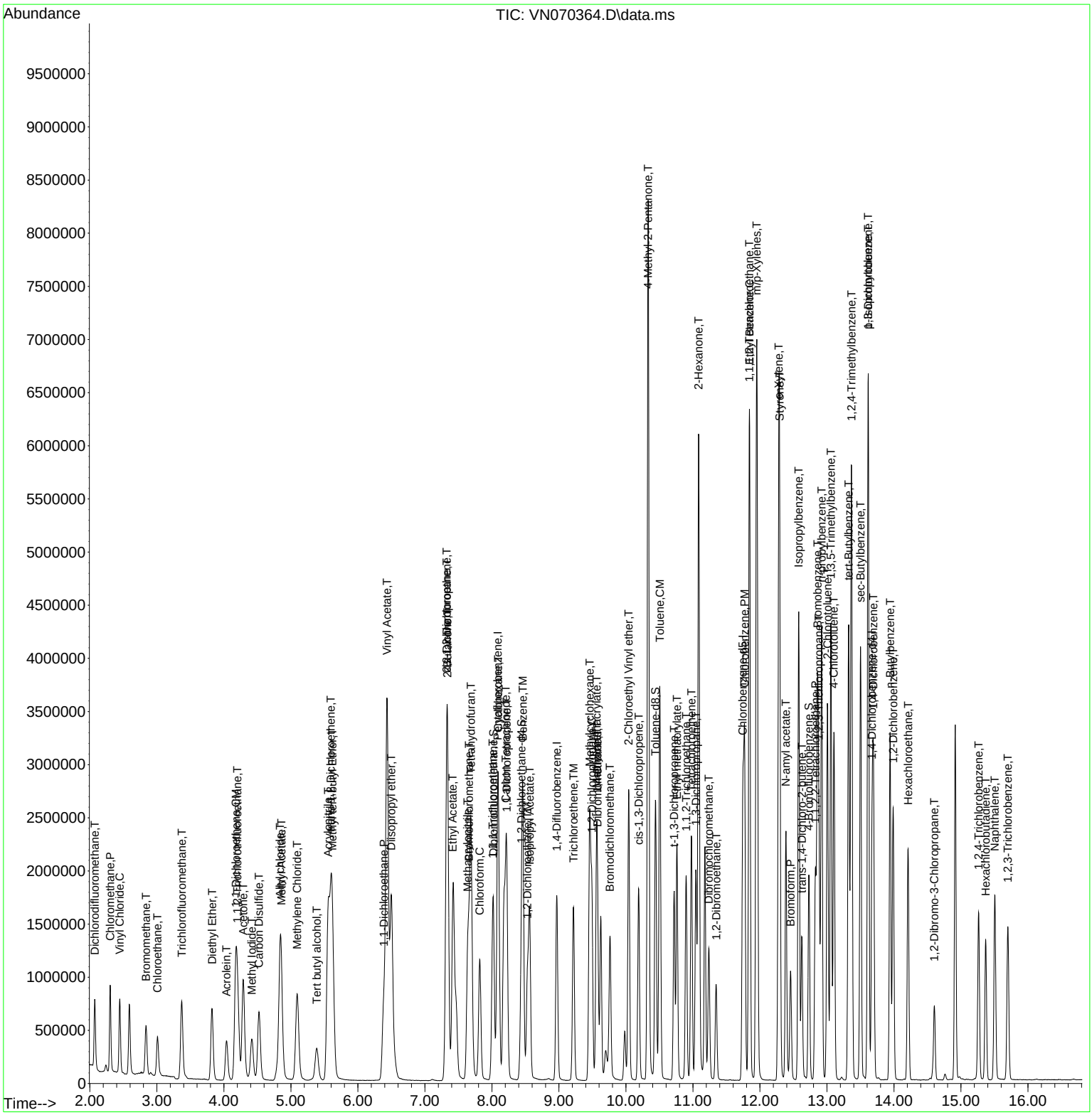
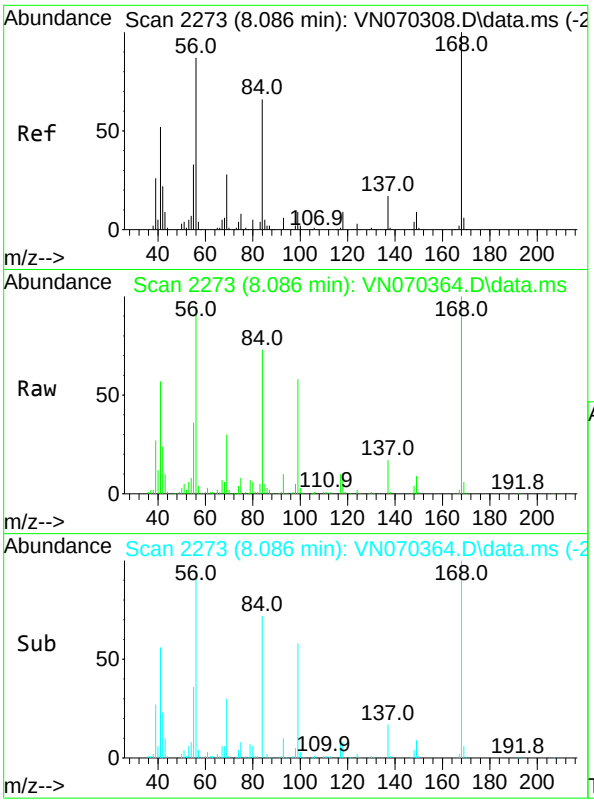
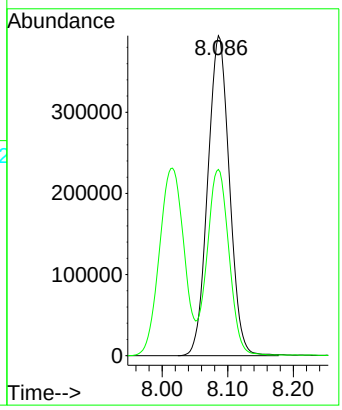




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:168 Resp: 90243

Ion	Ratio	Lower	Upper
168	100		
99	58.0	41.3	61.9



Instrument :
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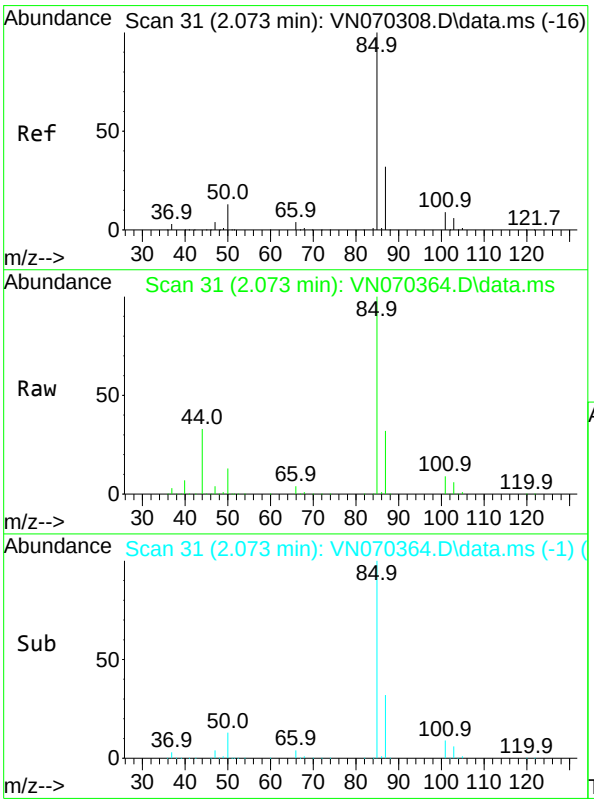
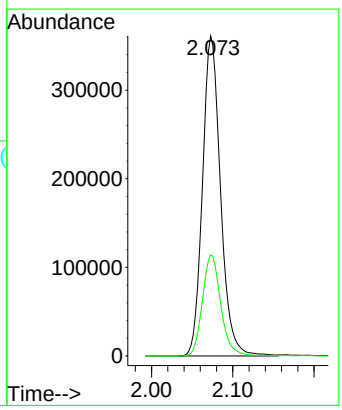
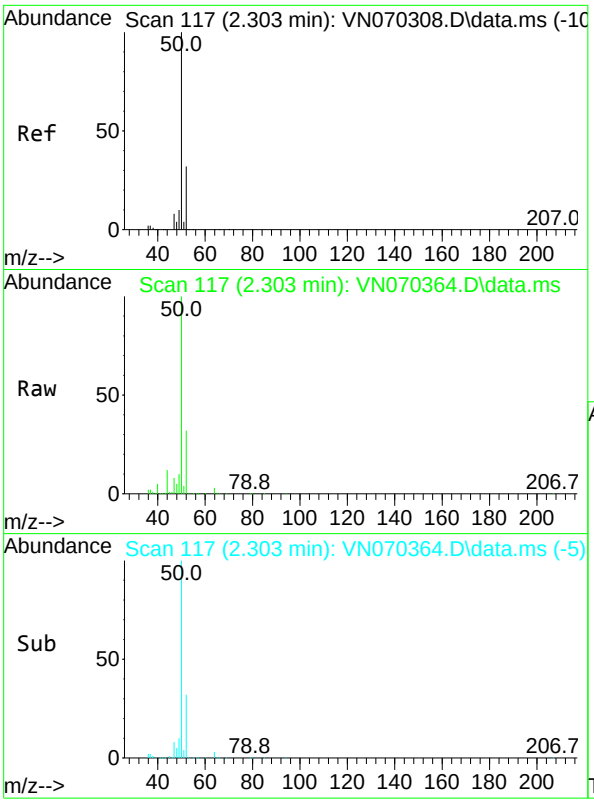


#2
Dichlorodifluoromethane
Concen: 54.479 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 85 Resp: 557547

Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.3	48.9

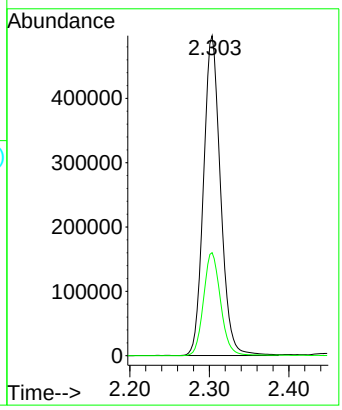




#3
Chloromethane
Concen: 53.158 ug/l
RT: 2.303 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 50 Resp: 74004

Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.4	38.0



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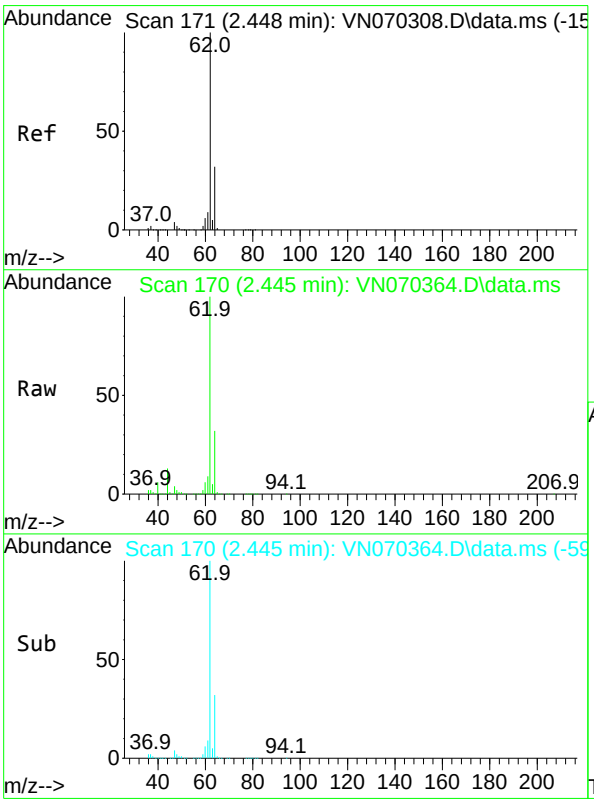
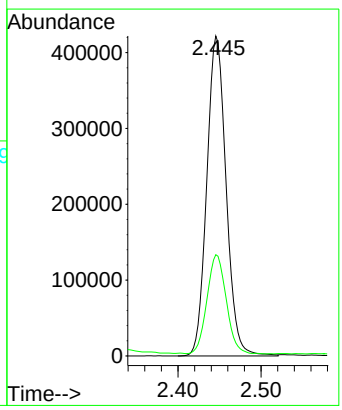
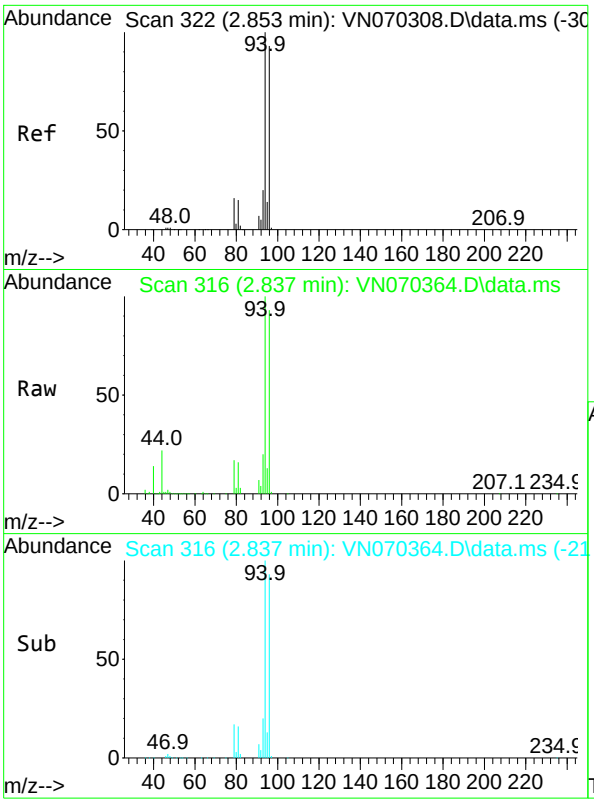


#4
Vinyl Chloride
Concen: 53.838 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 62 Resp: 682390

Ion	Ratio	Lower	Upper
62	100		
64	30.9	25.8	38.6

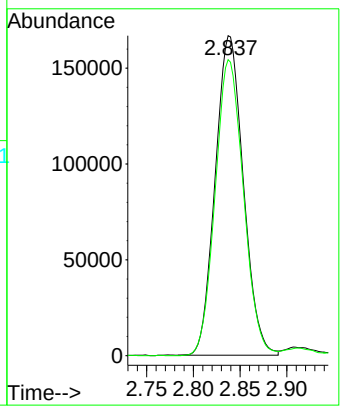




#5
Bromomethane
Concen: 53.392 ug/l
RT: 2.837 min Scan# 3
Delta R.T. -0.016 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 94 Resp: 34929

Ion	Ratio	Lower	Upper
94	100		
96	92.7	73.8	110.8



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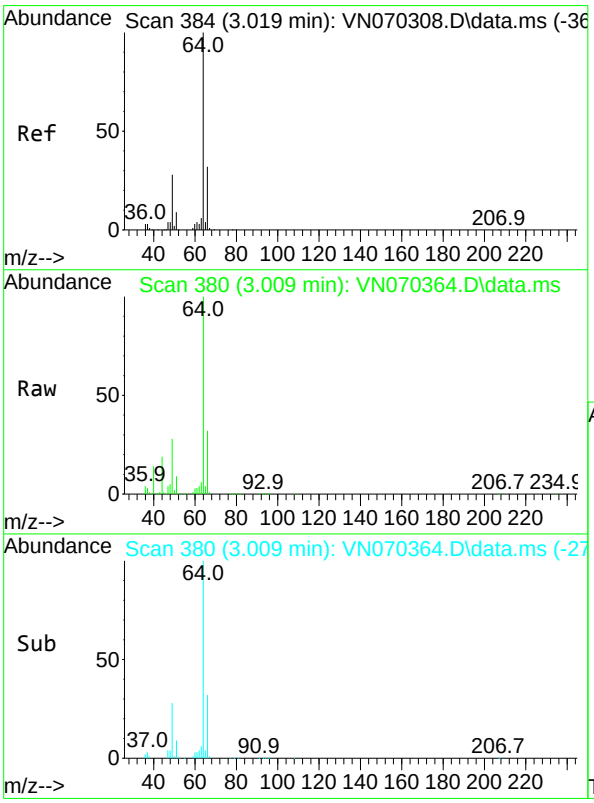
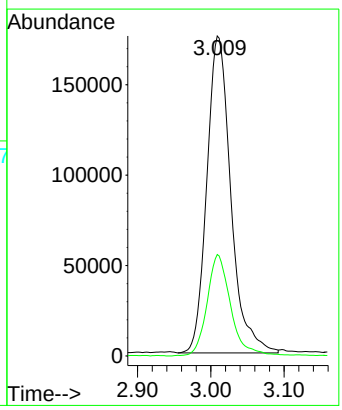
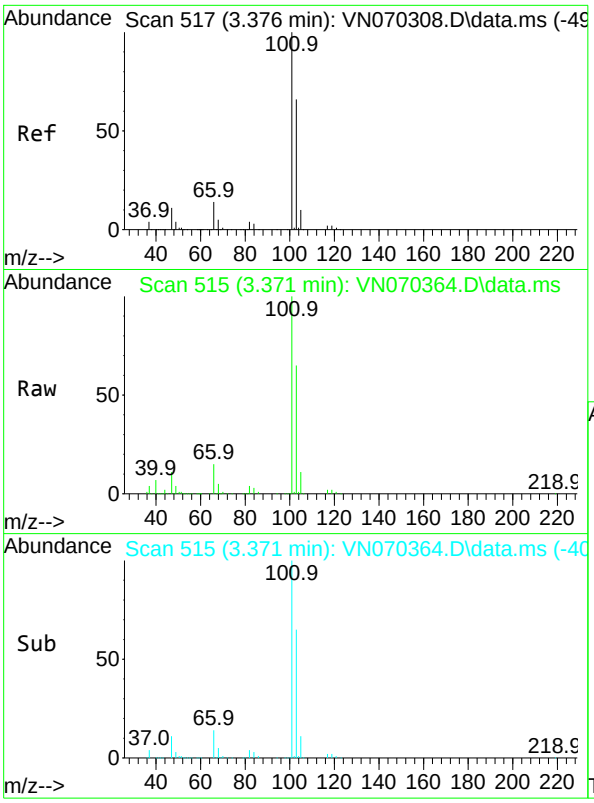


#6
Chloroethane
Concen: 52.186 ug/l
RT: 3.009 min Scan# 380
Delta R.T. -0.010 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 64 Resp: 398338

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.3	39.5

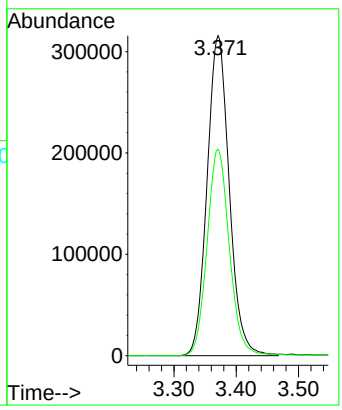




#7
Trichlorofluoromethane
Concen: 51.143 ug/l
RT: 3.371 min Scan# 5
Delta R.T. -0.005 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:101 Resp: 78023

Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.1	75.1



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MSVOA_N
ClientSampleId :
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Manual Integrations
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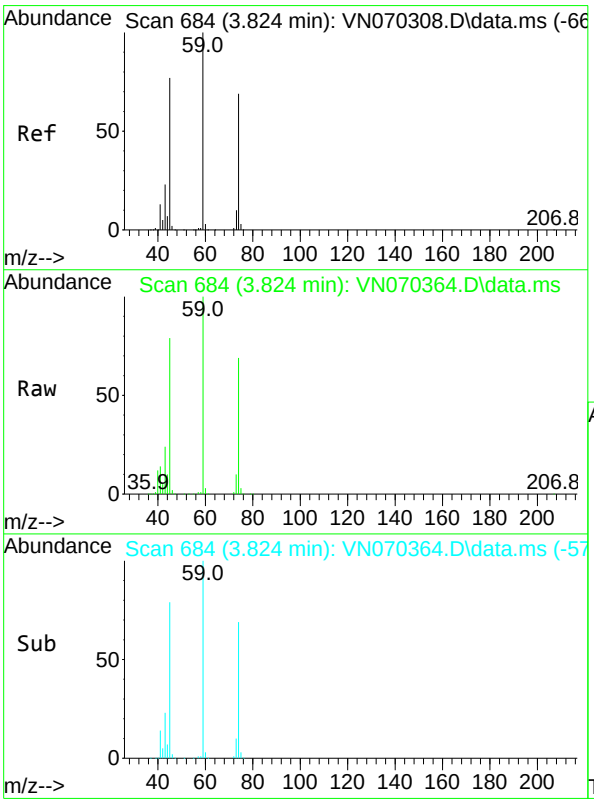
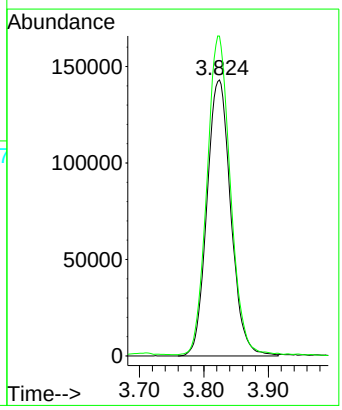
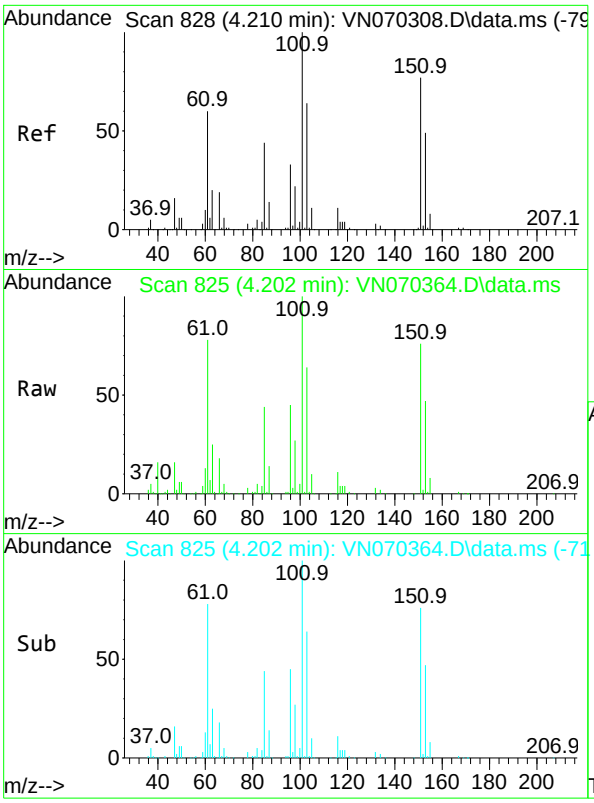


#8
Diethyl Ether
Concen: 54.717 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 74 Resp: 367987

Ion	Ratio	Lower	Upper
74	100		
45	113.1	47.0	141.2

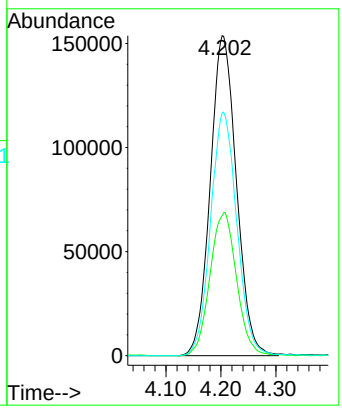




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.559 ug/l
RT: 4.202 min Scan# 8
Delta R.T. -0.008 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:101 Resp: 50909

Ion	Ratio	Lower	Upper
101	100		
85	45.5	37.2	55.8
151	76.4	65.9	98.9



Instrument :
MSVOA_N
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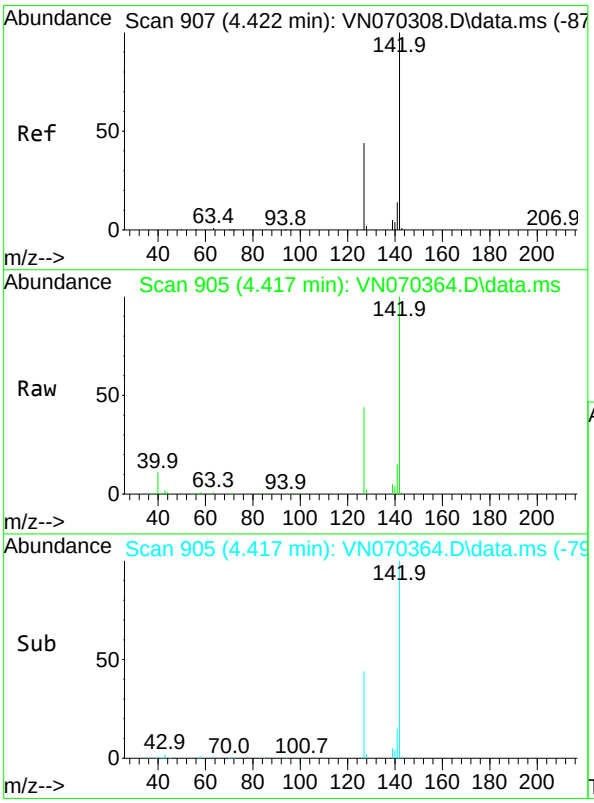
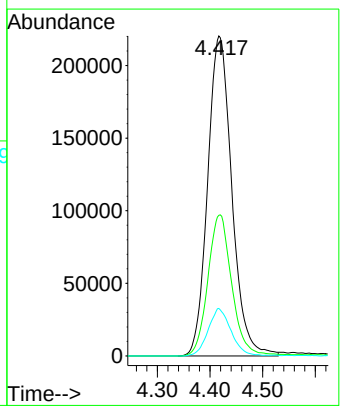
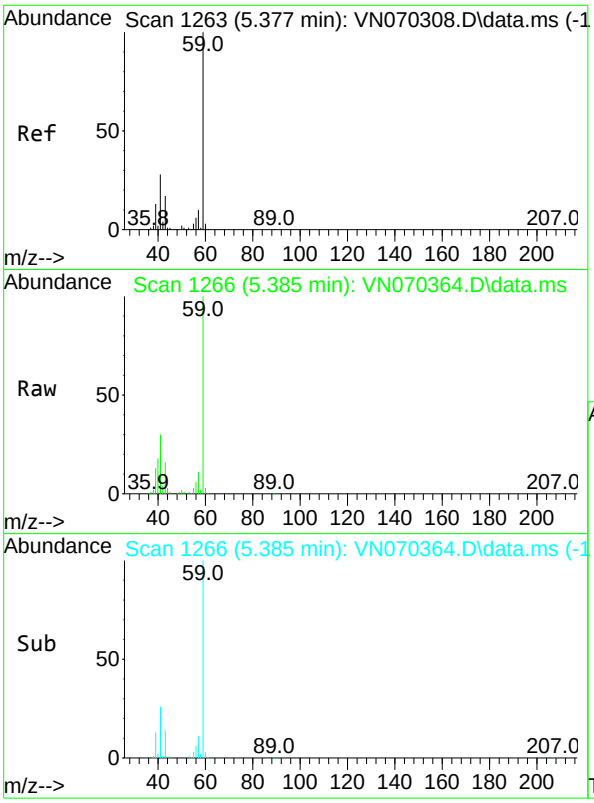


#10
Methyl Iodide
Concen: 55.770 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.005 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:142 Resp: 704254

Ion	Ratio	Lower	Upper
142	100		
127	43.6	35.4	53.0
141	14.0	11.6	17.4

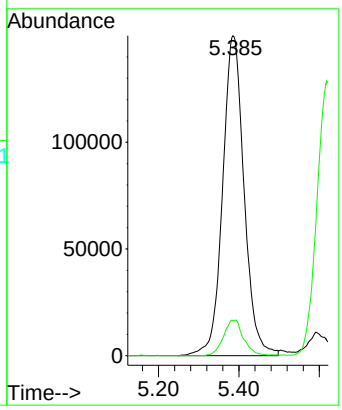




#11
Tert butyl alcohol
Concen: 257.456 ug/l
RT: 5.385 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 59 Resp: 55622

Ion	Ratio	Lower	Upper
59	100		
57	5.6	8.7	13.1#



Instrument :
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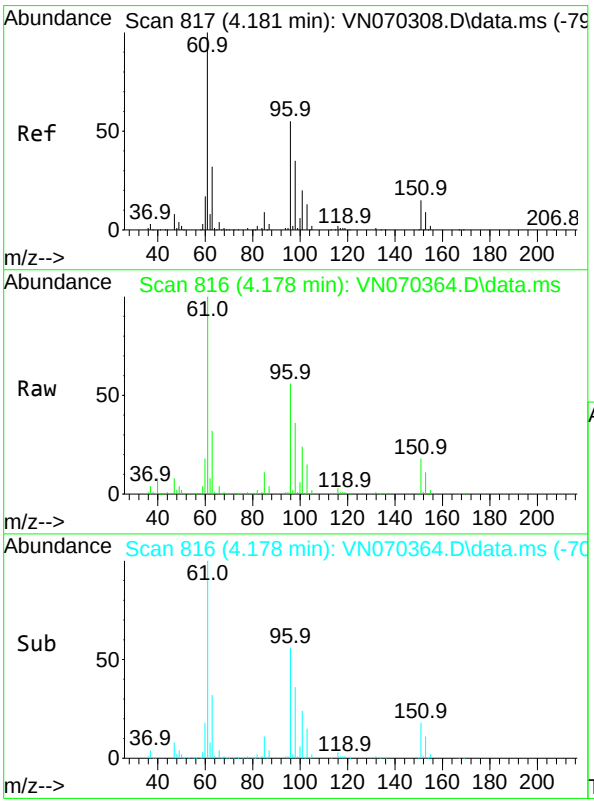
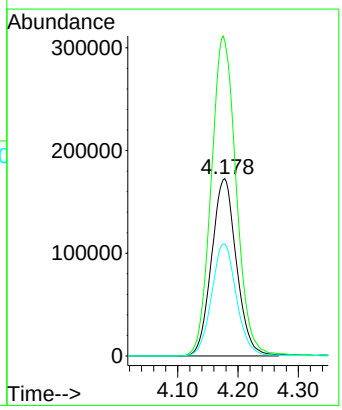
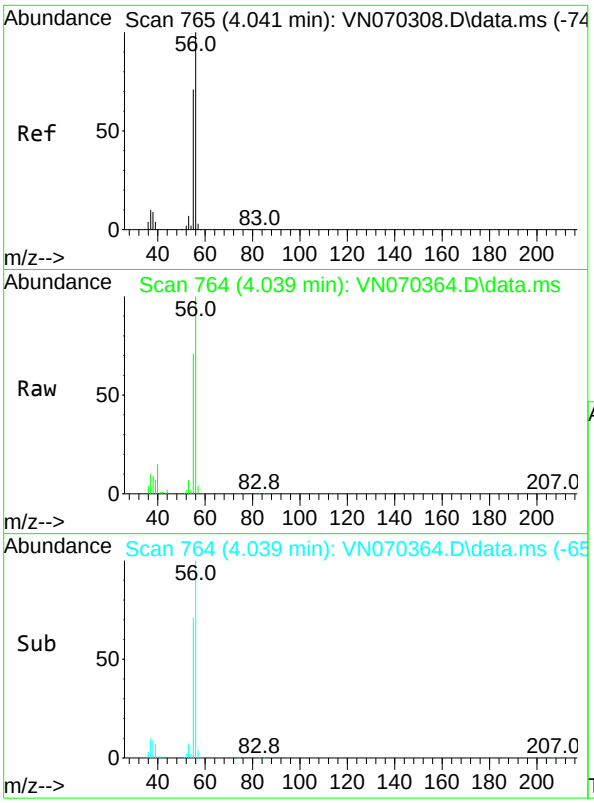


#12
1,1-Dichloroethene
Concen: 53.896 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 96 Resp: 495354

Ion	Ratio	Lower	Upper
96	100		
61	177.6	131.0	196.6
98	63.1	52.4	78.6





#13
Acrolein
Concen: 268.853 ug/l
RT: 4.039 min Scan# 7
Delta R.T. -0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 56 Resp: 47129

Ion	Ratio	Lower	Upper
56	100		
55	71.6	56.6	85.0

Instrument :
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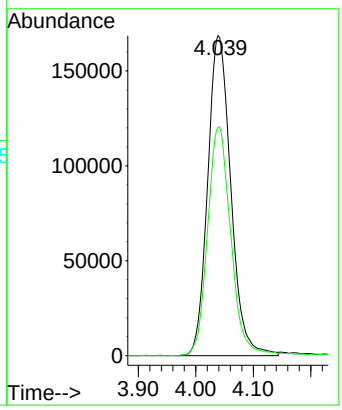
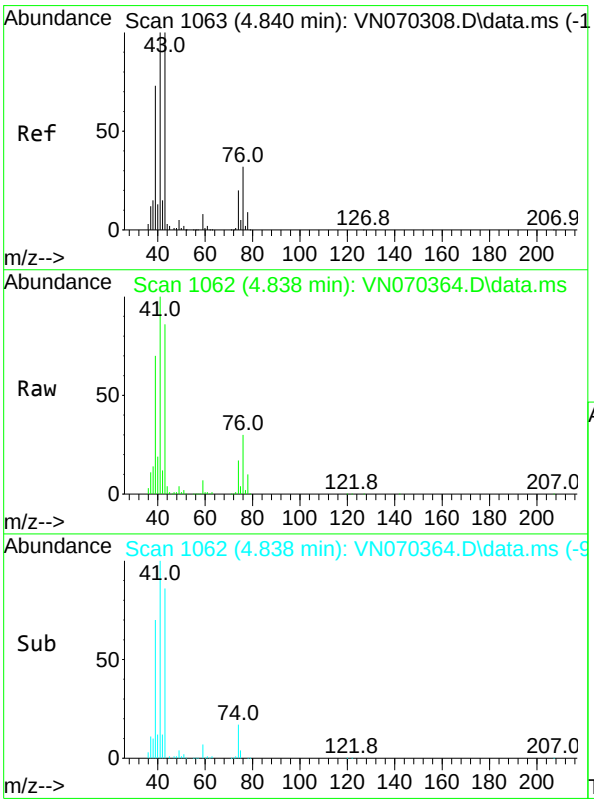
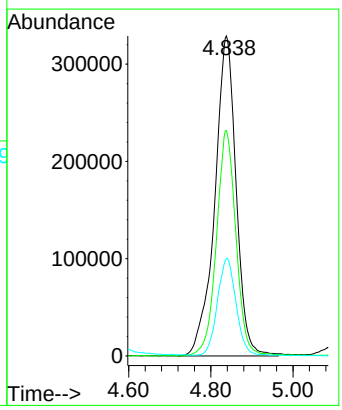


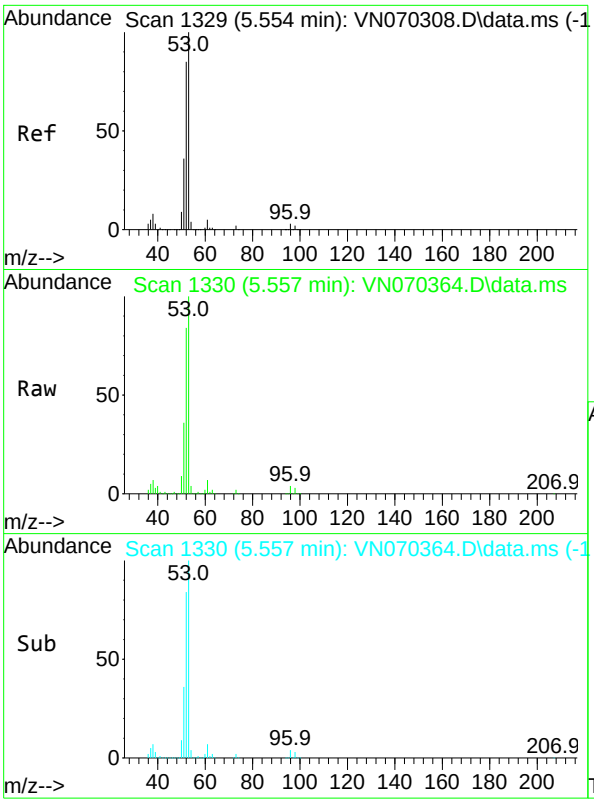


#14
Allyl chloride
Concen: 57.090 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 41 Resp: 1189646

Ion	Ratio	Lower	Upper
41	100		
39	63.9	61.2	91.8
76	25.9	26.0	39.0#

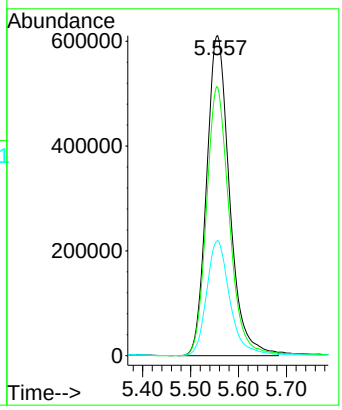




#15
Acrylonitrile
Concen: 302.006 ug/l
RT: 5.557 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 53 Resp: 203605

Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.2	99.2
51	36.5	29.6	44.4



Instrument :
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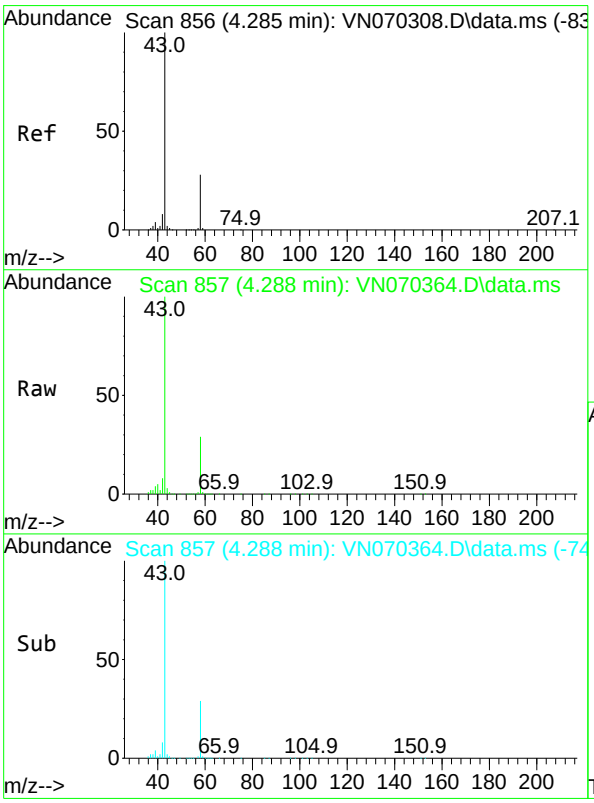
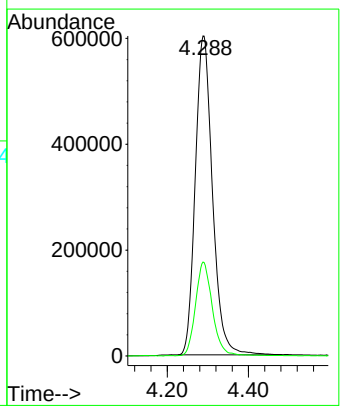
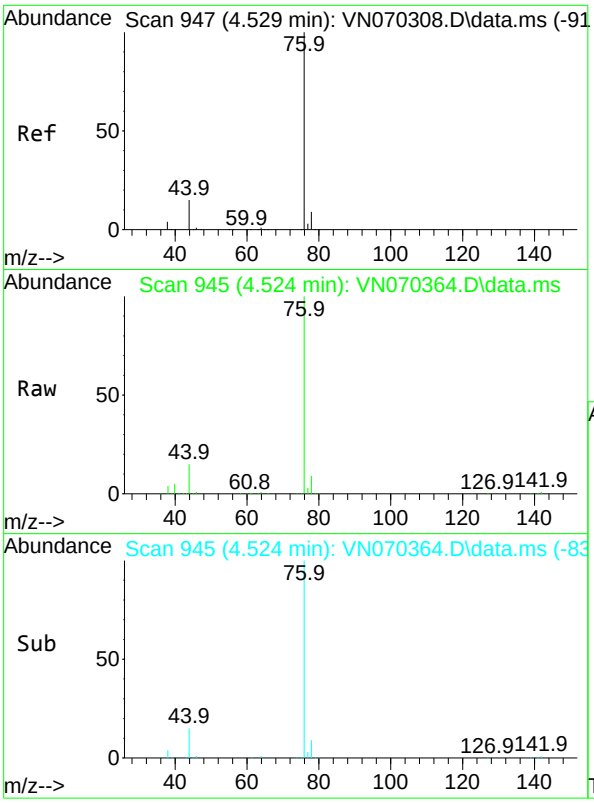


#16
Acetone
Concen: 210.452 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 1772632

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.1	34.7

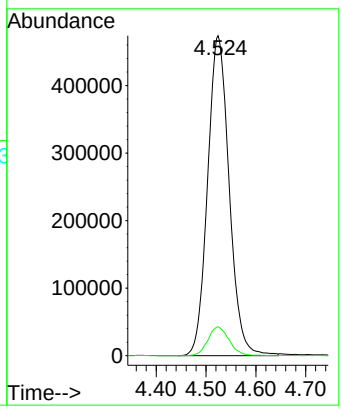




#17
Carbon Disulfide
Concen: 56.744 ug/l
RT: 4.524 min Scan# 94
Delta R.T. -0.005 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 76 Resp: 142358

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3



Instrument :
MSVOA_N
ClientSampleId :
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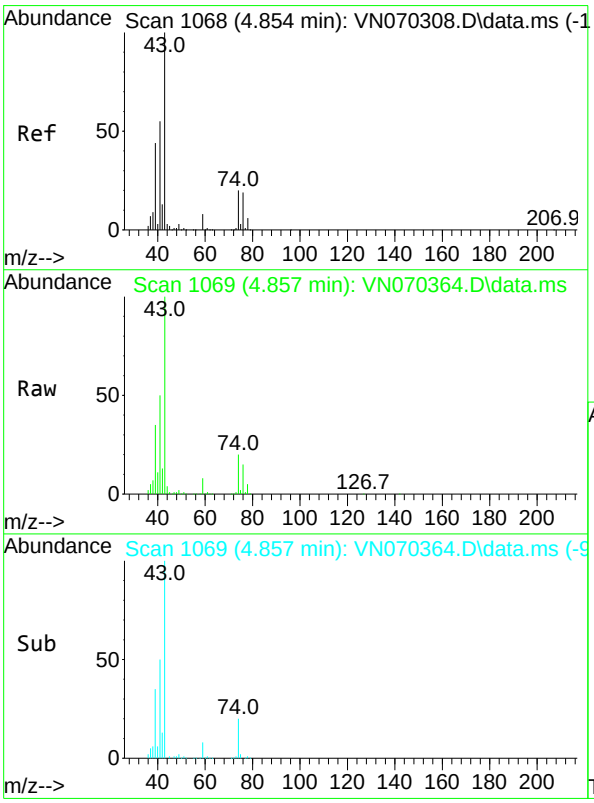
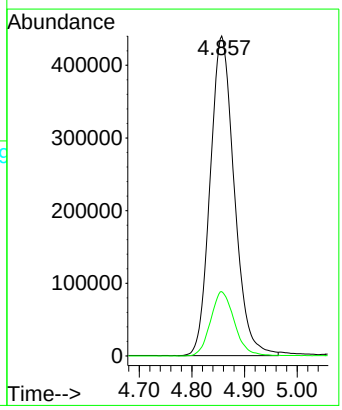
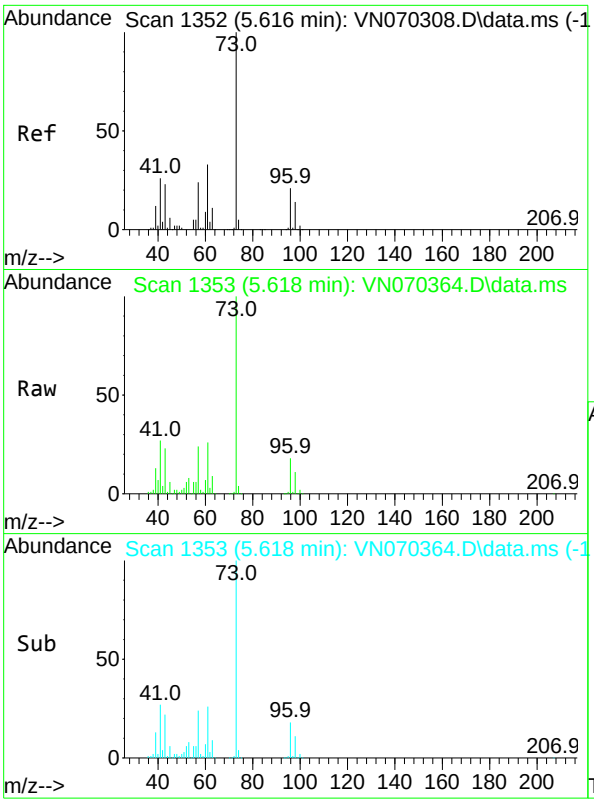


#18
Methyl Acetate
Concen: 57.357 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 1397505

Ion	Ratio	Lower	Upper
43	100		
74	19.9	19.4	29.2

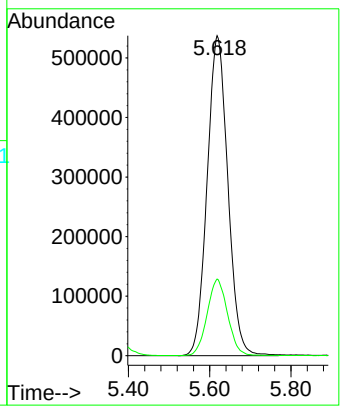




#19
Methyl tert-butyl Ether
Concen: 55.651 ug/l
RT: 5.618 min Scan# 1
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 73 Resp: 189948

Ion	Ratio	Lower	Upper
73	100		
57	23.9	16.8	25.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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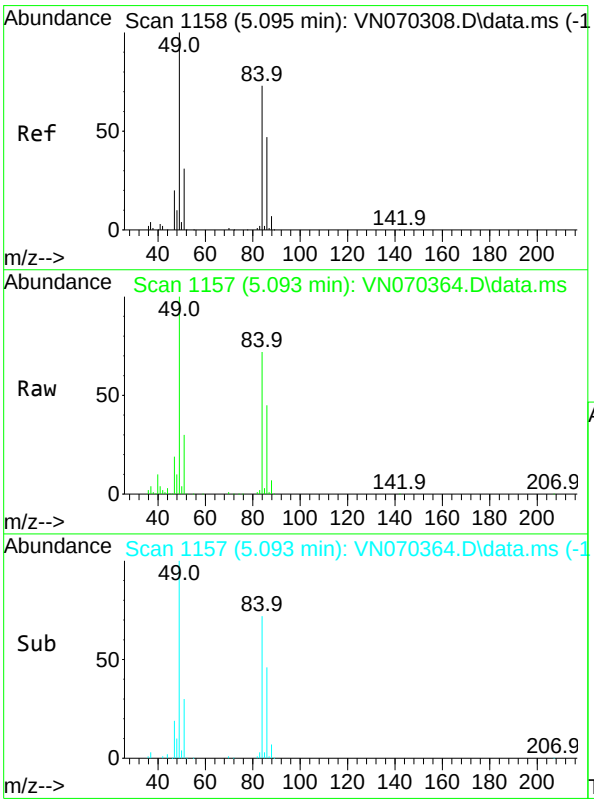
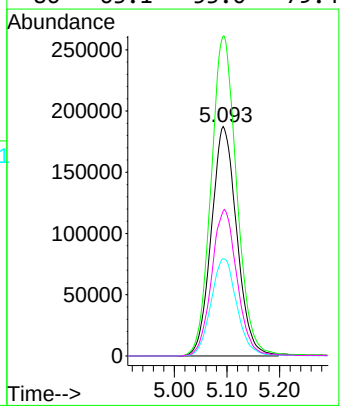
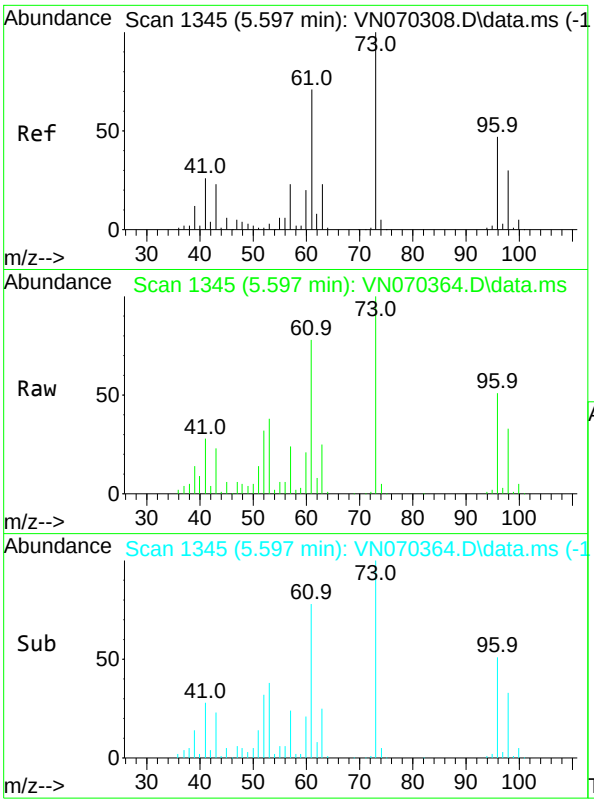


#20
Methylene Chloride
Concen: 53.923 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 84 Resp: 628402

Ion	Ratio	Lower	Upper
84	100		
49	139.4	93.5	140.3
51	42.4	29.4	44.2
86	63.1	53.0	79.4

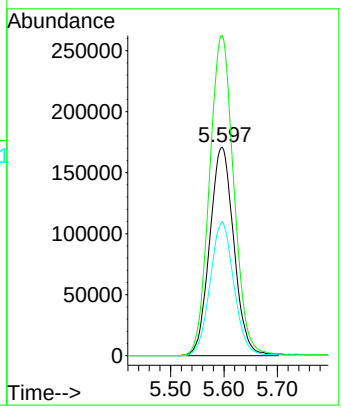




#21
trans-1,2-Dichloroethene
Concen: 55.214 ug/l
RT: 5.597 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 96 Resp: 53730

Ion	Ratio	Lower	Upper
96	100		
61	153.5	105.8	158.6
98	64.2	52.0	78.0



Instrument :
MSVOA_N
ClientSampleId :
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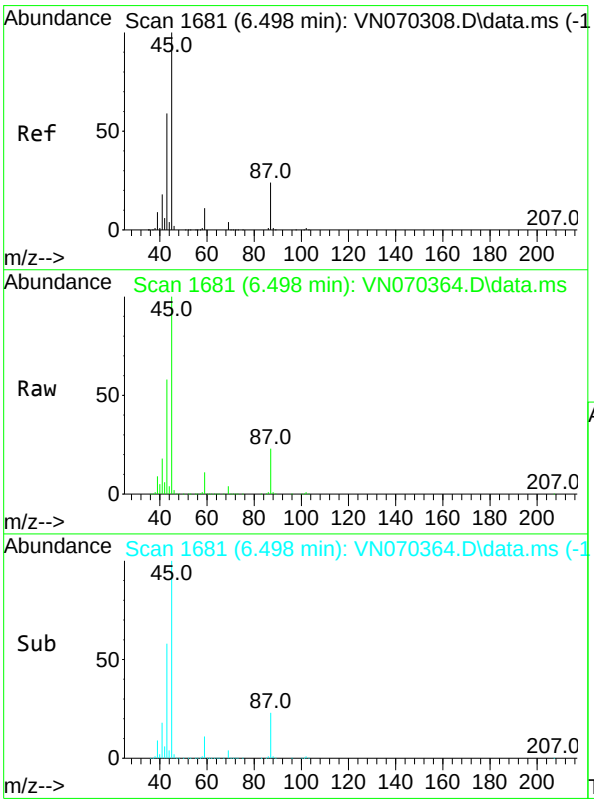
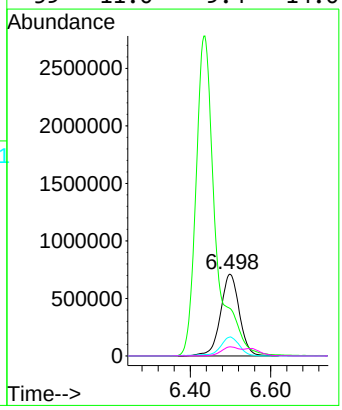
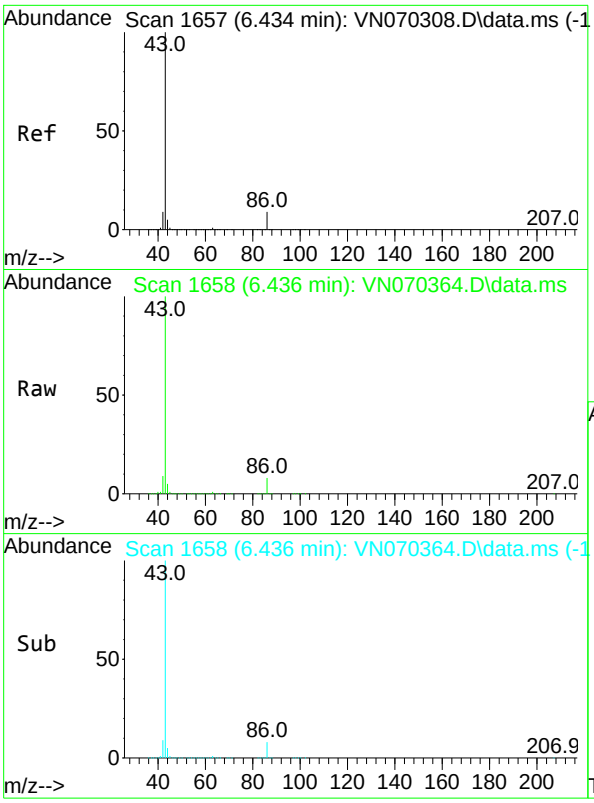


#22
Diisopropyl ether
Concen: 57.225 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 45 Resp: 2322595

Ion	Ratio	Lower	Upper
45	100		
43	57.7	51.7	77.5
87	23.0	23.2	34.8#
59	11.0	9.4	14.0

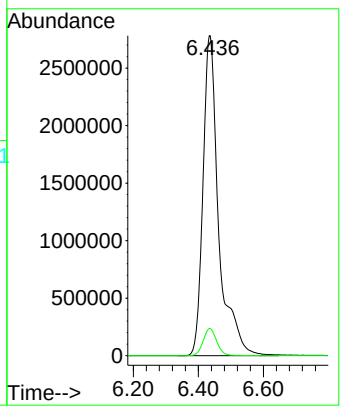




#23
Vinyl Acetate
Concen: 296.506 ug/l
RT: 6.436 min Scan# 1
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 933704

Ion	Ratio	Lower	Upper
43	100		
86	8.5	8.5	12.7



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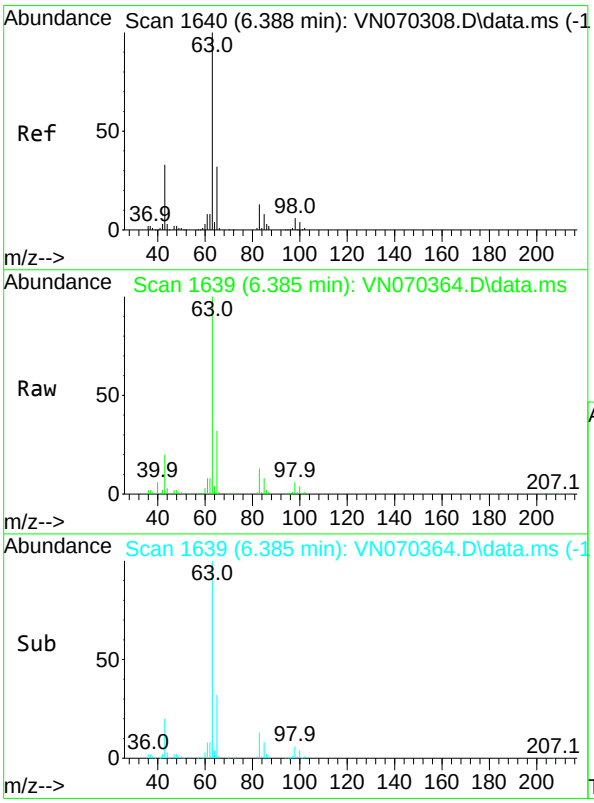
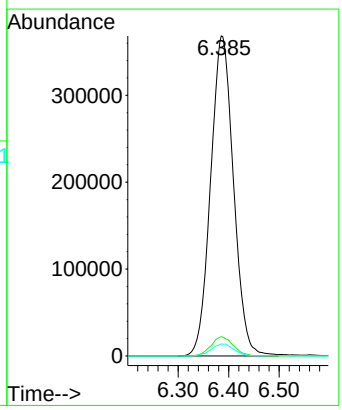
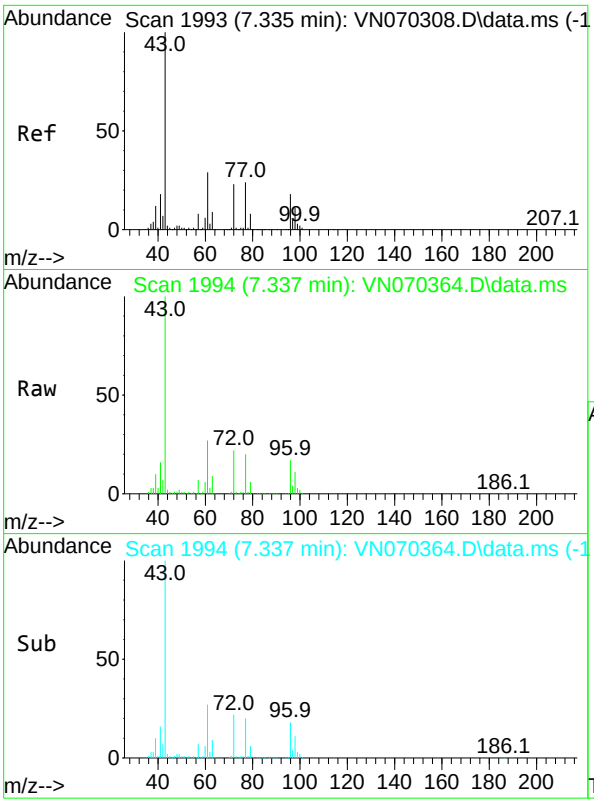


#24
1,1-Dichloroethane
Concen: 55.121 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. -0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 63 Resp: 1160012

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.3	9.9
100	3.7	2.1	6.5

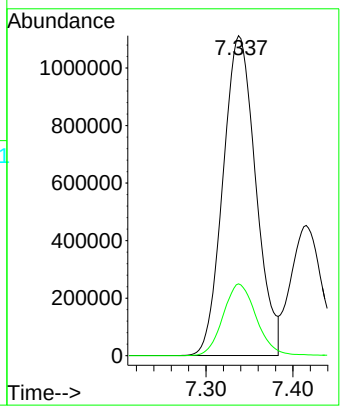




#25
2-Butanone
Concen: 274.849 ug/l
RT: 7.337 min Scan# 1
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 291492

Ion	Ratio	Lower	Upper
43	100		
72	22.5	21.7	32.5



Instrument :
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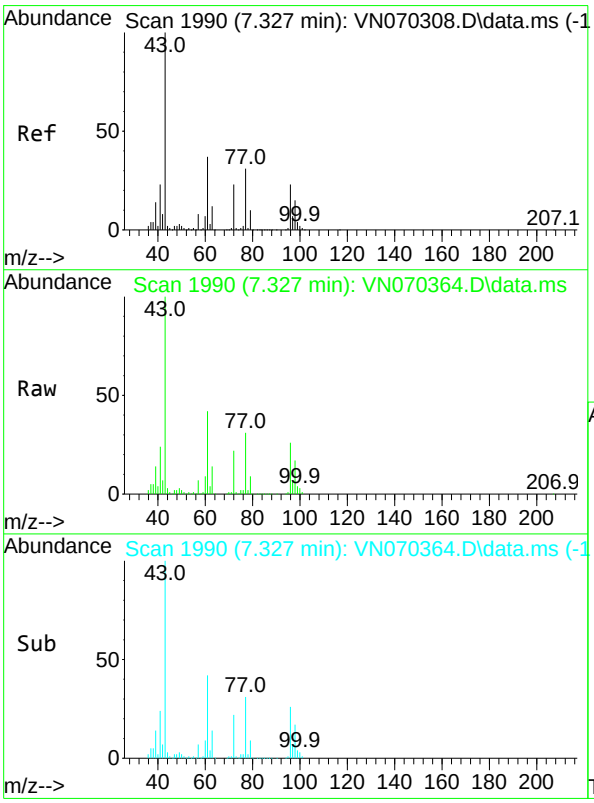
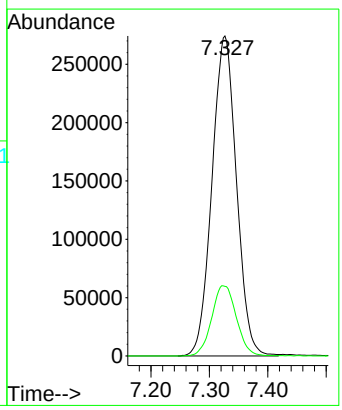
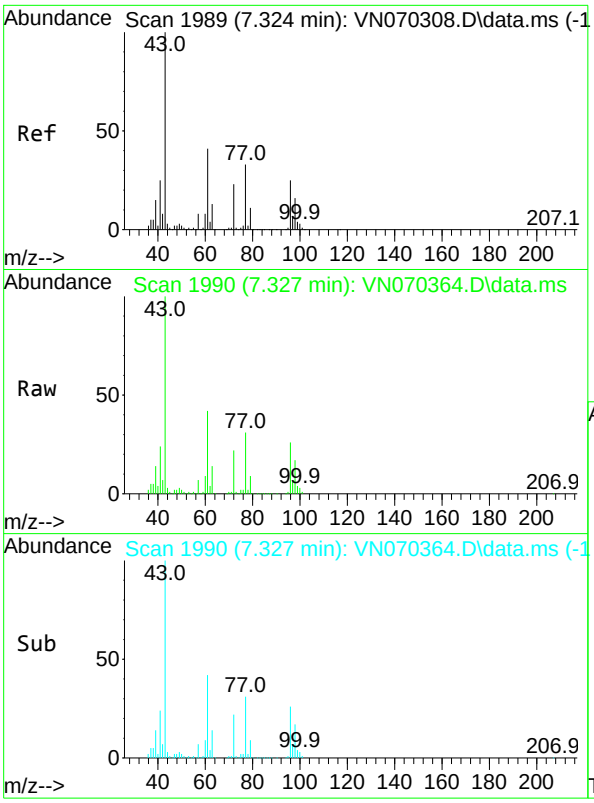


#26
2,2-Dichloropropane
Concen: 48.154 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 77 Resp: 799448

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.6	34.8





#27
cis-1,2-Dichloroethene
Concen: 55.484 ug/l
RT: 7.327 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 96 Resp: 64425

Ion	Ratio	Lower	Upper
96	100		
61	159.7	0.0	275.0
98	64.2	0.0	129.6

Instrument :
MSVOA_N
ClientSampleId :
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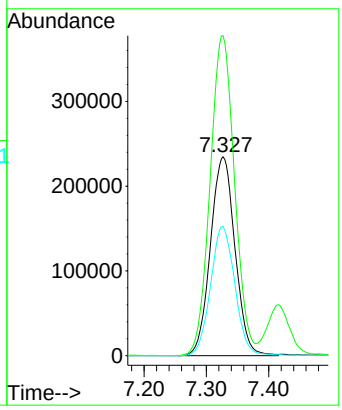
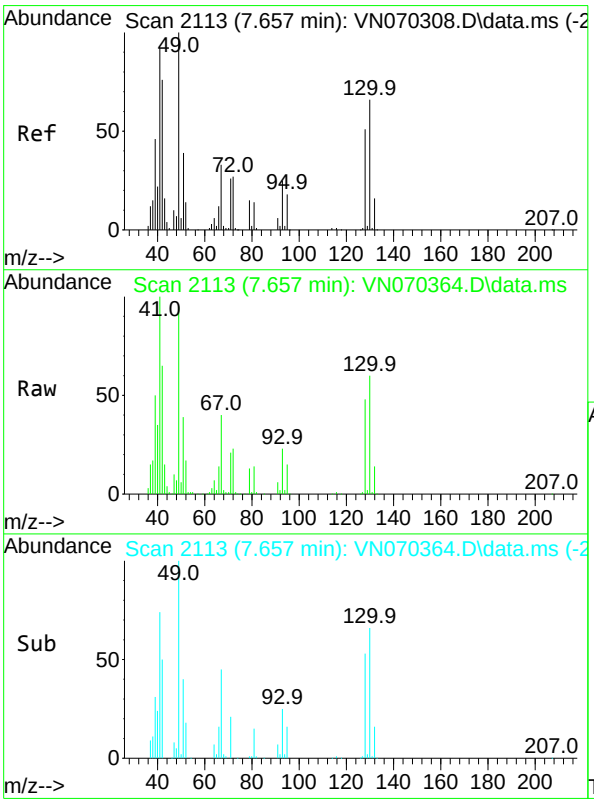
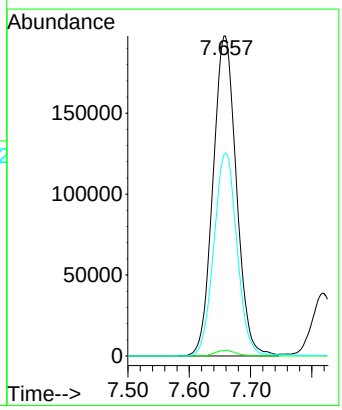


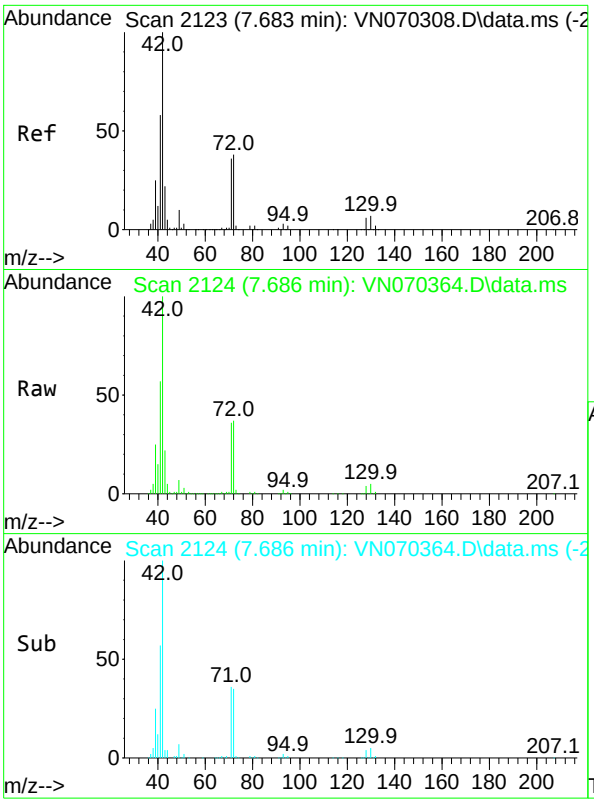


#28
Bromochloromethane
Concen: 50.907 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 49 Resp: 523942

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	62.7	67.8	101.8#

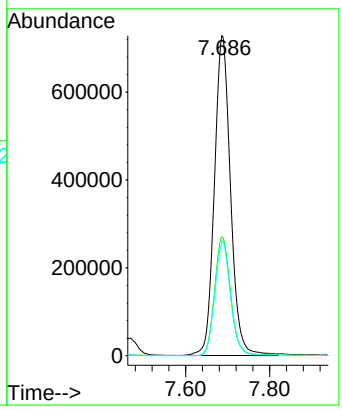




#29
Tetrahydrofuran
Concen: 307.400 ug/l
RT: 7.686 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 42 Resp: 194512

Ion	Ratio	Lower	Upper
42	100		
72	36.7	36.3	54.5
71	34.8	34.7	52.1



Instrument :
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ClientSampleId :
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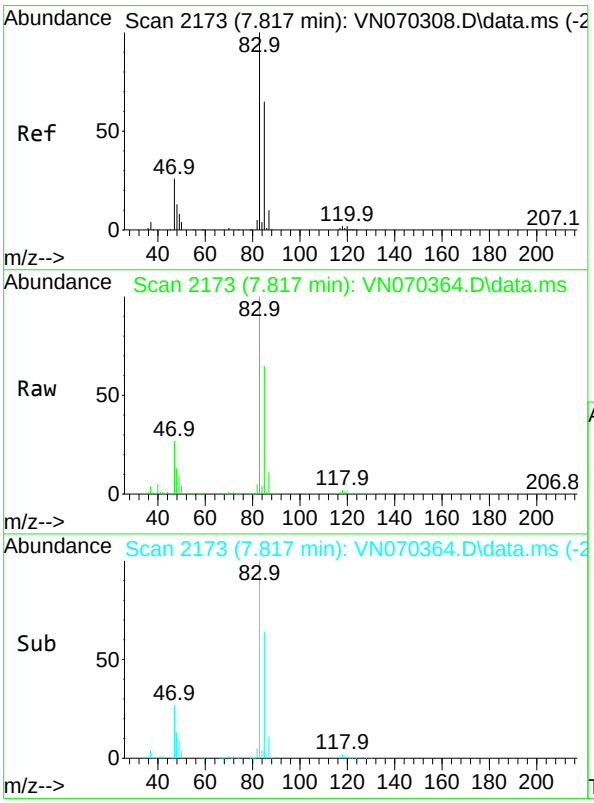
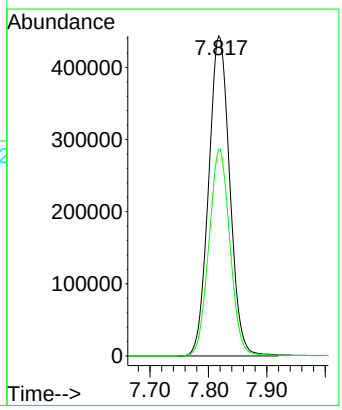
Supervised By :Mahesh Dadoda 12/30/2021

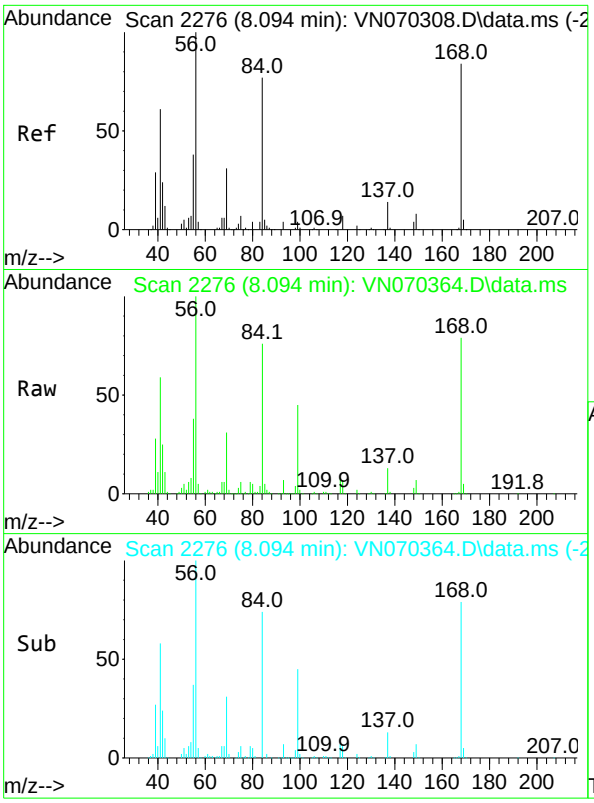


#30
Chloroform
Concen: 54.907 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 83 Resp: 1114759

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.9	77.9

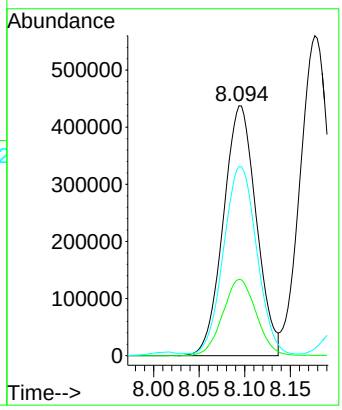




#31
Cyclohexane
Concen: 53.697 ug/l
RT: 8.094 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 56 Resp: 109946

Ion	Ratio	Lower	Upper
56	100		
69	30.5	27.1	40.7
84	74.7	73.4	110.0



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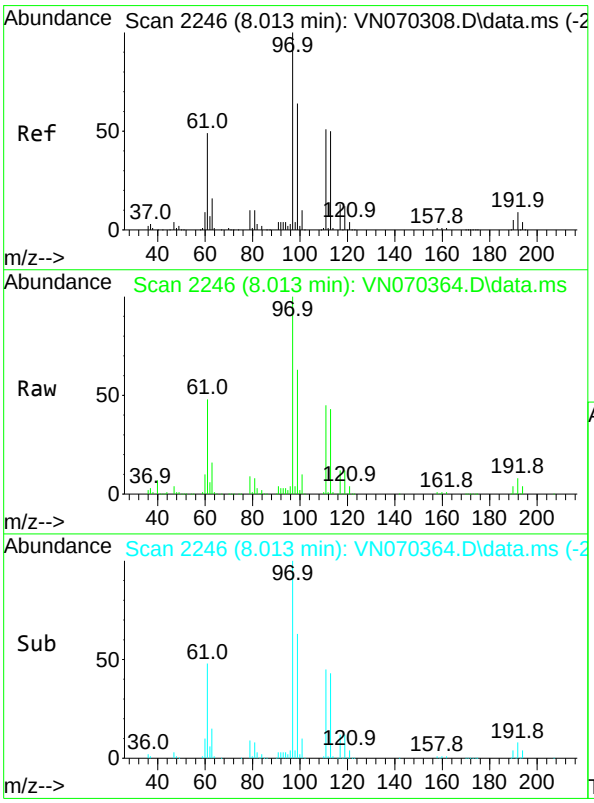
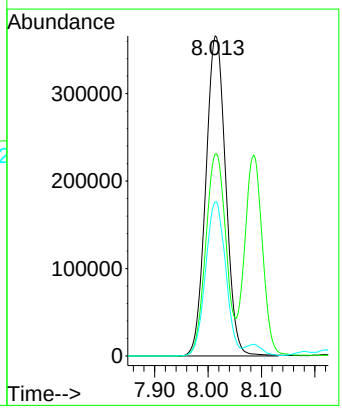
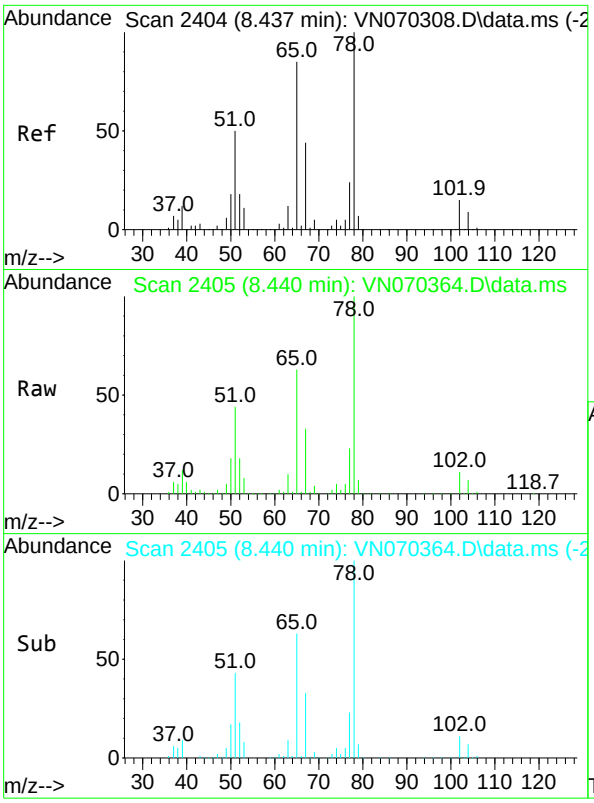


#32
1,1,1-Trichloroethane
Concen: 55.451 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 97 Resp: 949238

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.1	75.1
61	48.7	35.2	52.8

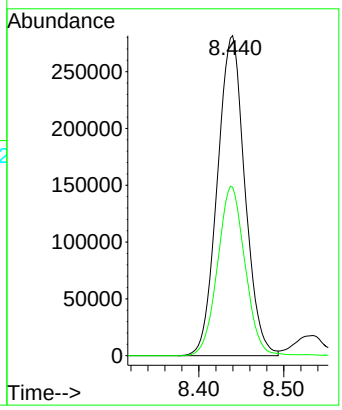




#33
1,2-Dichloroethane-d4
Concen: 48.848 ug/l
RT: 8.440 min Scan# 24
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 65 Resp: 63382

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.0



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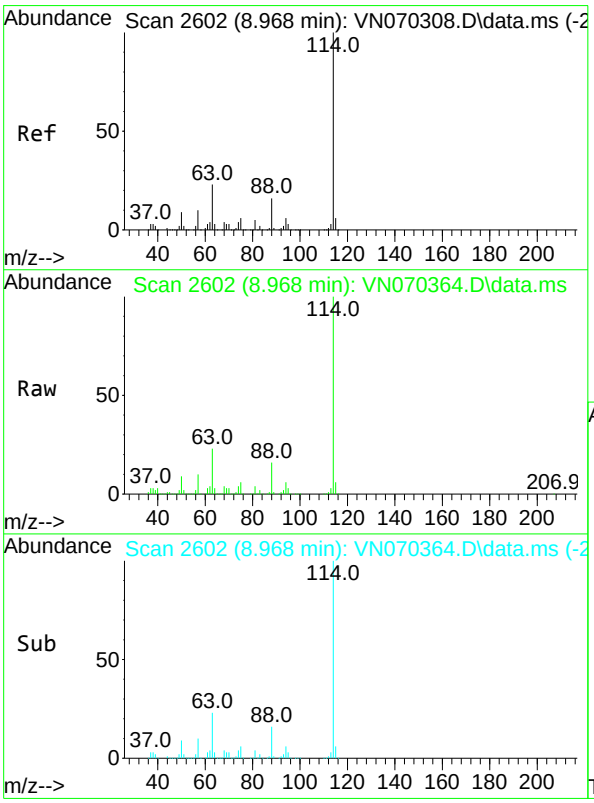
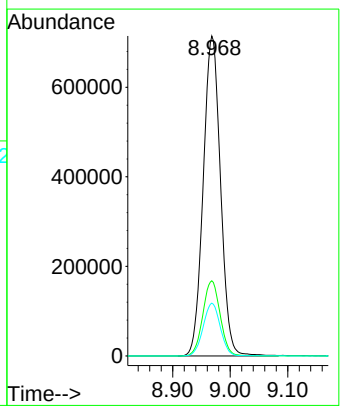
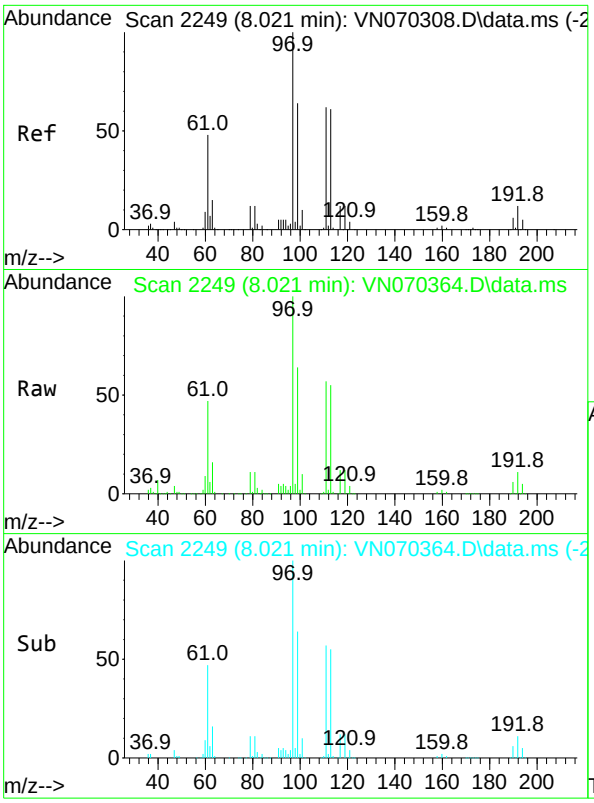


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:114 Resp: 1492604

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	37.8
88	16.5	0.0	27.4

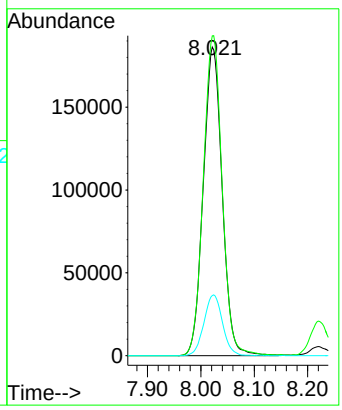




#35
Dibromofluoromethane
Concen: 50.588 ug/l
RT: 8.021 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:113 Resp: 45686

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.2
192	19.4	16.9	25.3



Instrument :
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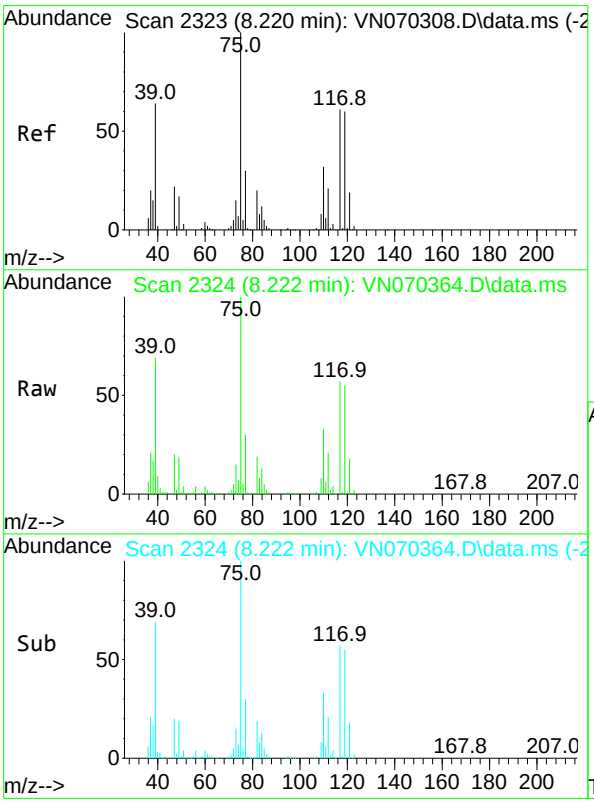
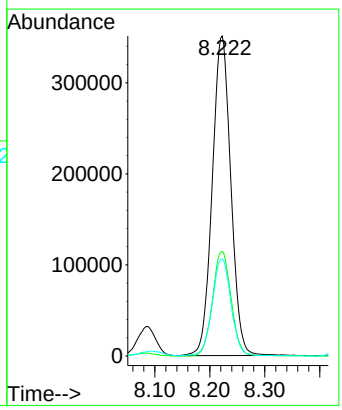
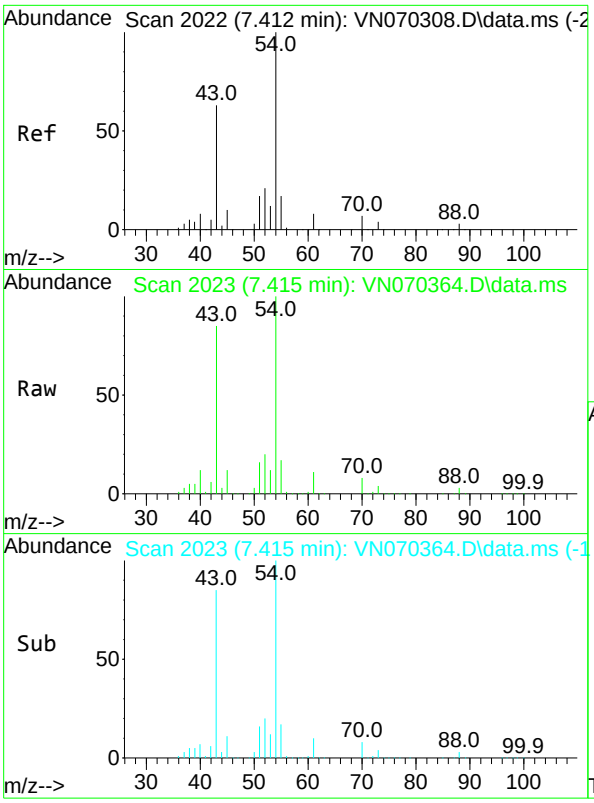


#36
1,1-Dichloropropene
Concen: 55.147 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 75 Resp: 823883

Ion	Ratio	Lower	Upper
75	100		
110	32.8	18.4	55.2
77	30.6	24.4	36.6





#37
Ethyl Acetate
Concen: 59.562 ug/l
RT: 7.415 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 115341

Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.5	17.3
70	8.7	7.9	11.9

Instrument :
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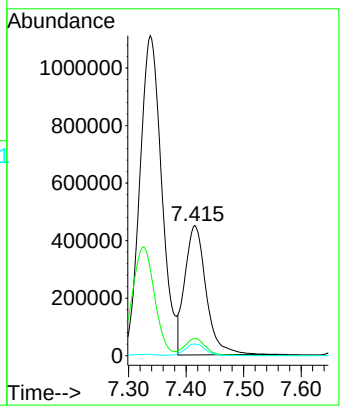
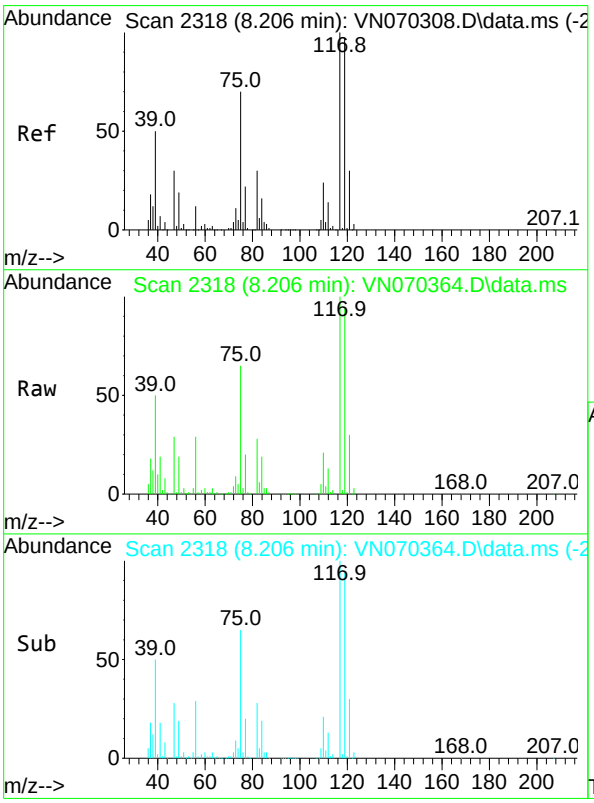
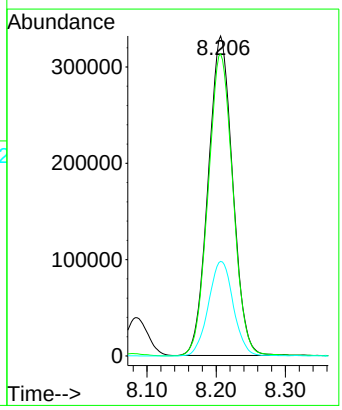


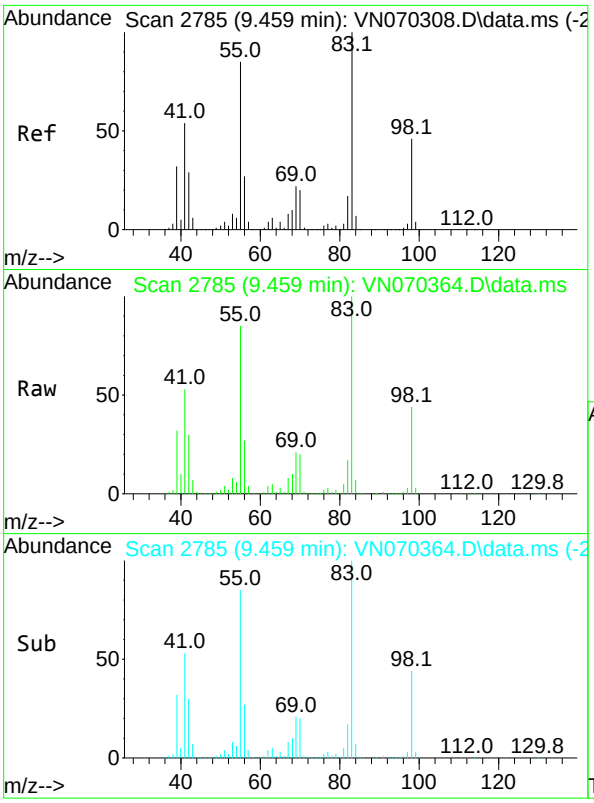


#38
Carbon Tetrachloride
Concen: 57.072 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:117 Resp: 814170

Ion	Ratio	Lower	Upper
117	100		
119	94.4	76.1	114.1
121	29.6	24.2	36.2





#39
Methylcyclohexane
Concen: 53.855 ug/l
RT: 9.459 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 83 Resp: 97406

Ion	Ratio	Lower	Upper
83	100		
55	84.9	58.1	87.1
98	44.0	38.4	57.6

Instrument :
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ClientSampleId :
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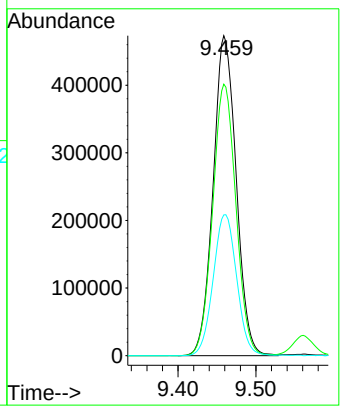
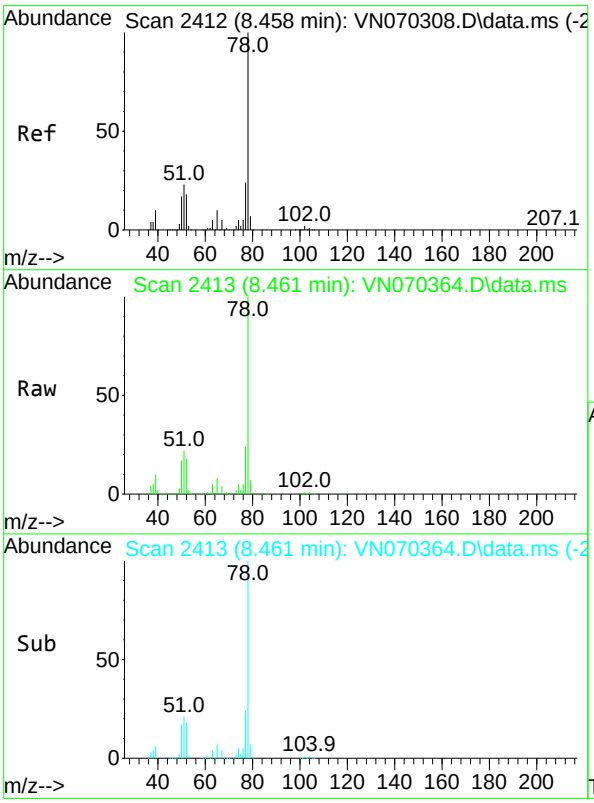
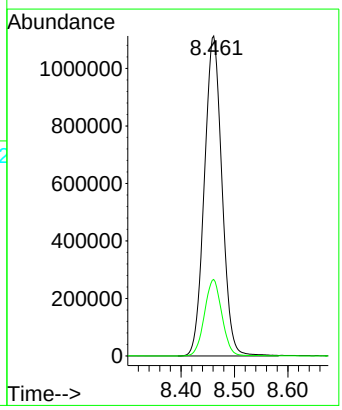


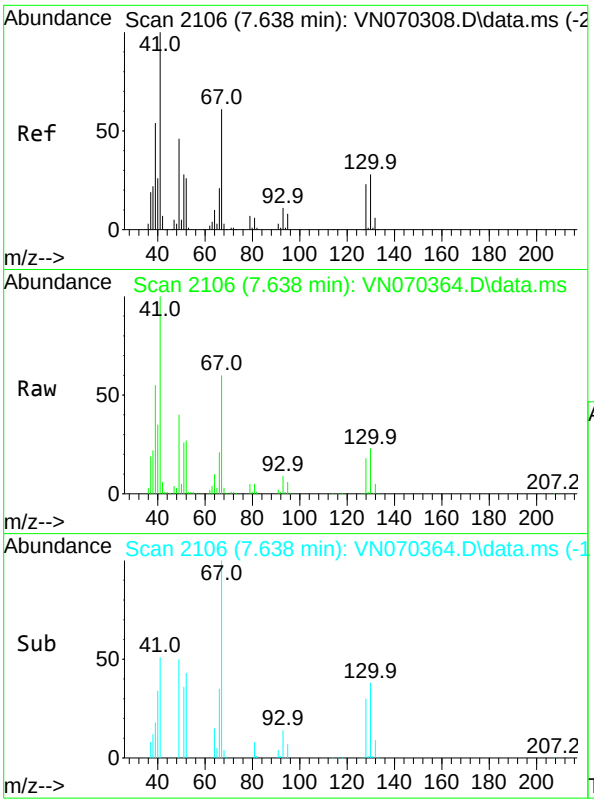


#40
Benzene
Concen: 55.608 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 78 Resp: 2546920

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	27.8

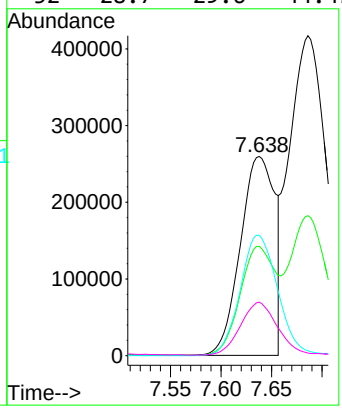




#41
Methacrylonitrile
Concen: 63.475 ug/l
RT: 7.638 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 41 Resp: 61481

Ion	Ratio	Lower	Upper
41	100		
39	57.3	48.1	72.1
67	66.6	68.3	102.5#
52	28.7	29.6	44.4#



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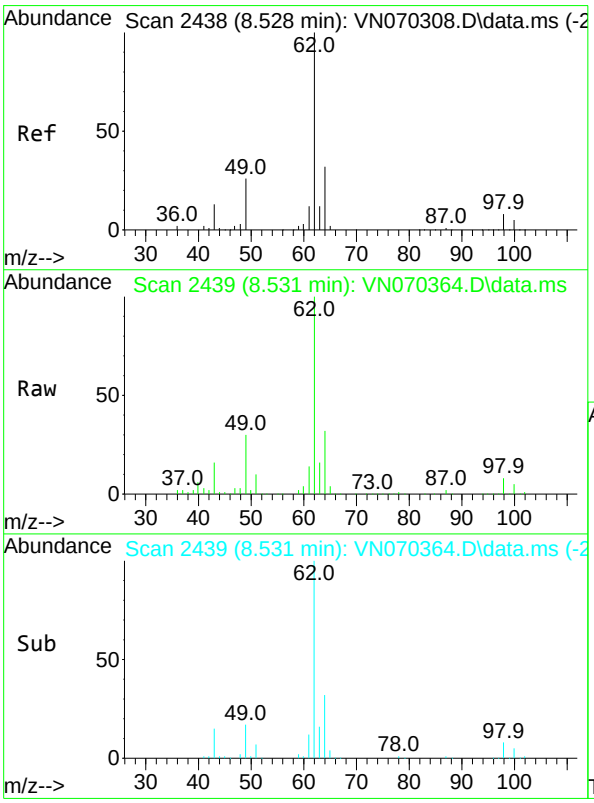
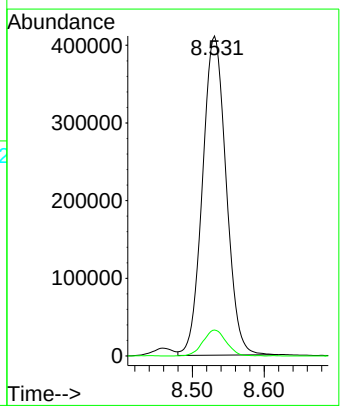
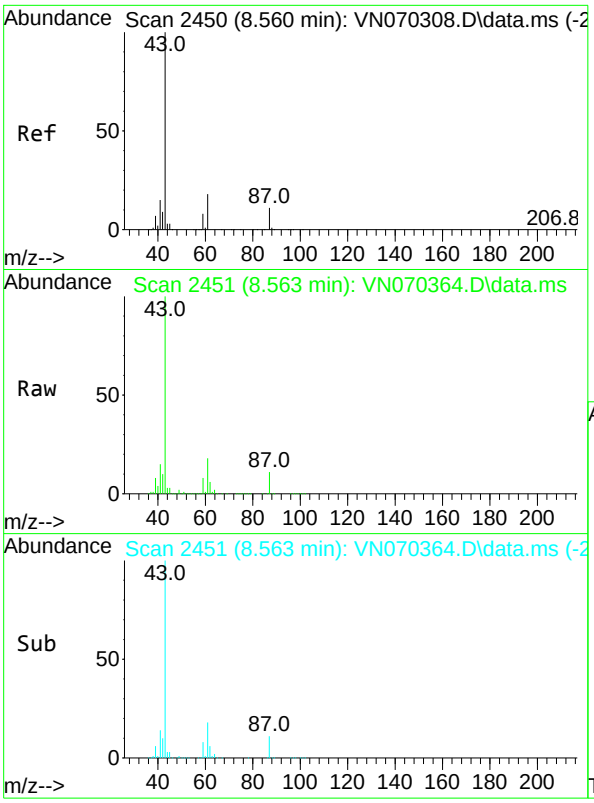


#42
1,2-Dichloroethane
Concen: 54.595 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 62 Resp: 939891

Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	17.6





#43
Isopropyl Acetate
Concen: 58.910 ug/l
RT: 8.563 min Scan# 24
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 179860

Ion	Ratio	Lower	Upper
43	100		
61	23.4	20.4	30.6
87	10.8	11.2	16.8#

Instrument :
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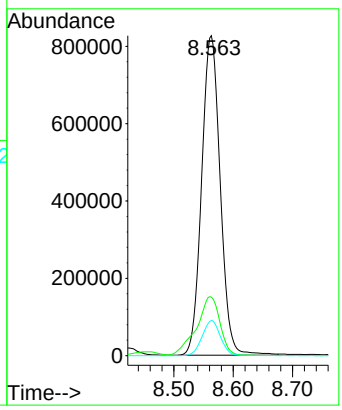
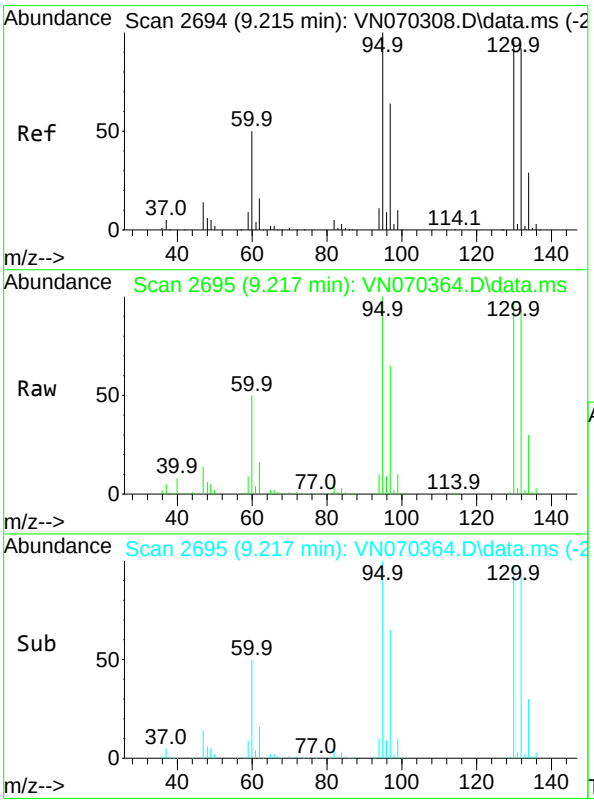
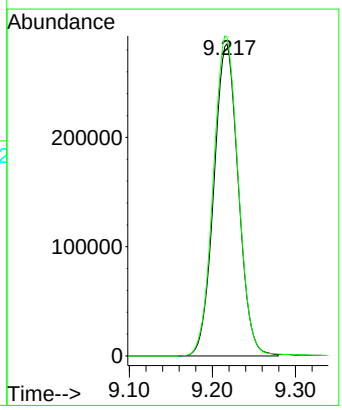


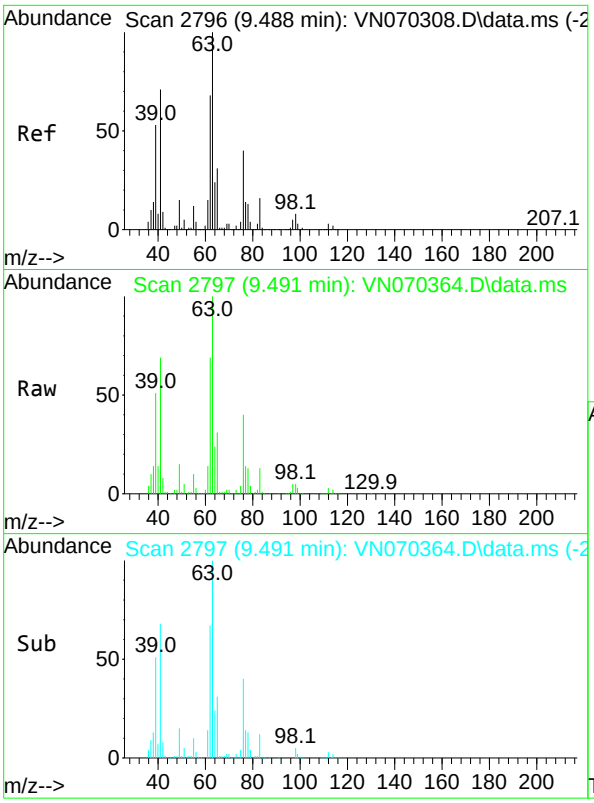


#44
Trichloroethene
Concen: 53.761 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:130 Resp: 585079

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	191.2

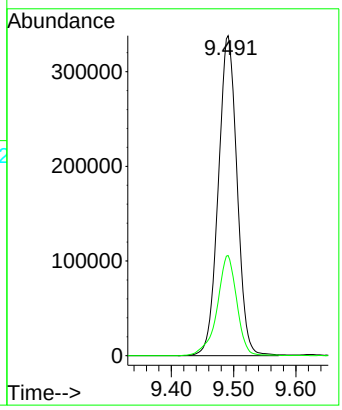




#45
1,2-Dichloropropane
Concen: 57.286 ug/l
RT: 9.491 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 63 Resp: 70644

Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.7	37.1



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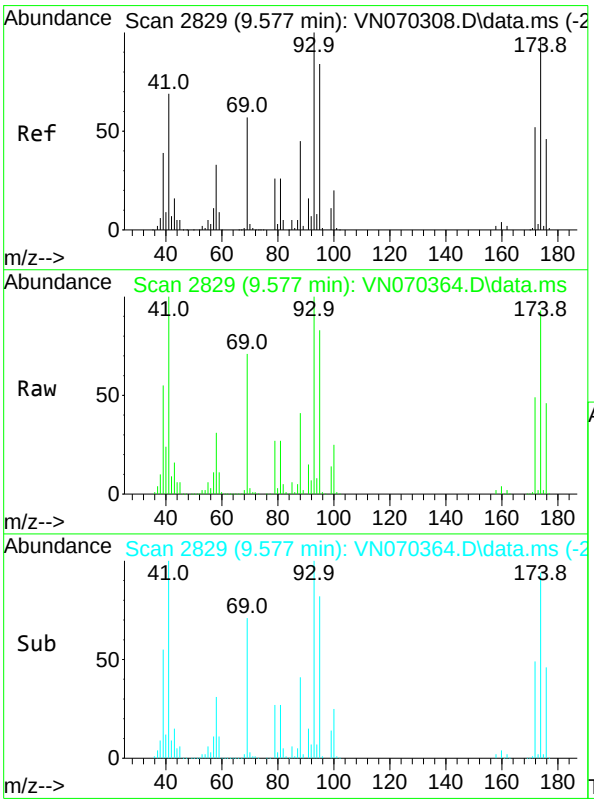
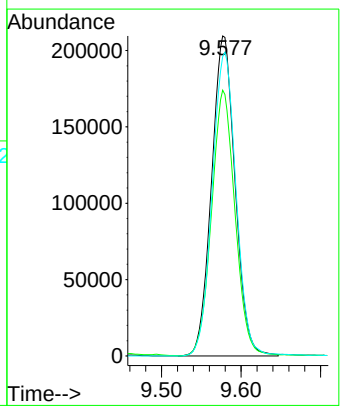
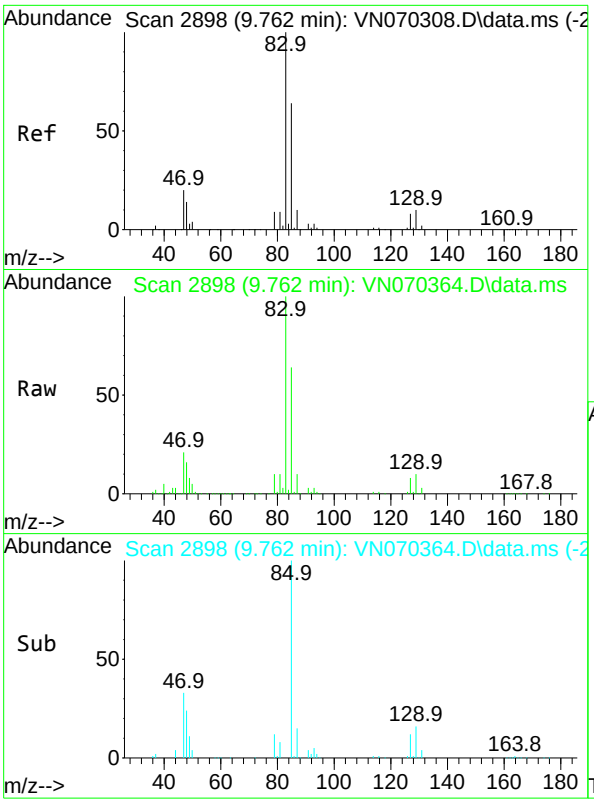


#46
Dibromomethane
Concen: 56.288 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 93 Resp: 431627

Ion	Ratio	Lower	Upper
93	100		
95	82.7	65.9	98.9
174	96.2	84.6	127.0

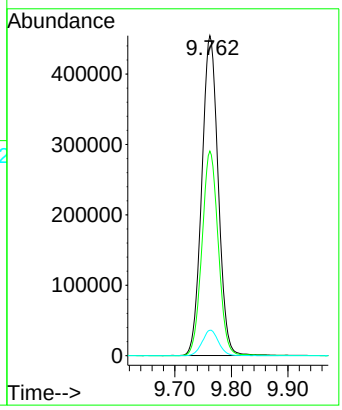




#47
Bromodichloromethane
Concen: 59.918 ug/l
RT: 9.762 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 83 Resp: 91232

Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.9	76.3
127	8.0	7.1	10.7



Instrument :
MSVOA_N
ClientSampleId :
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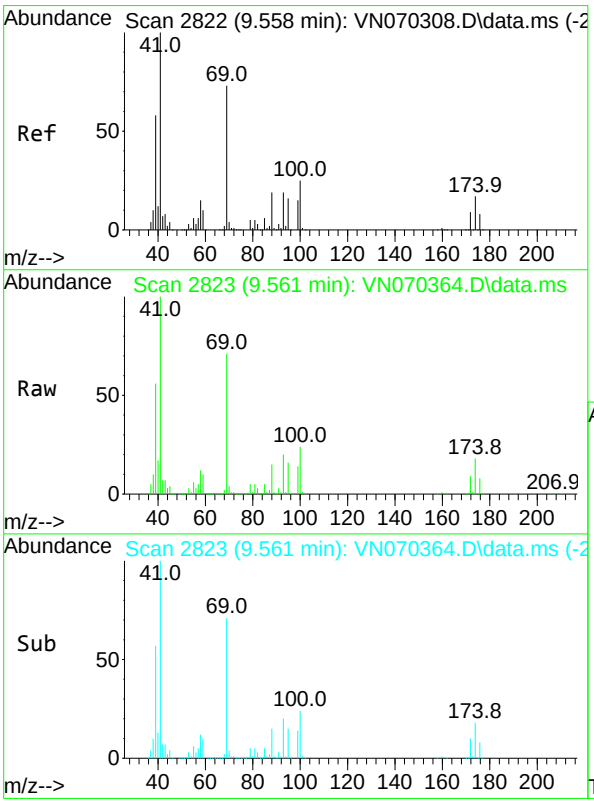
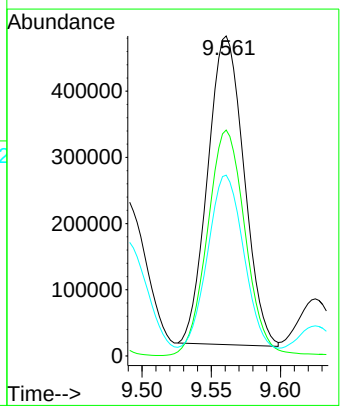
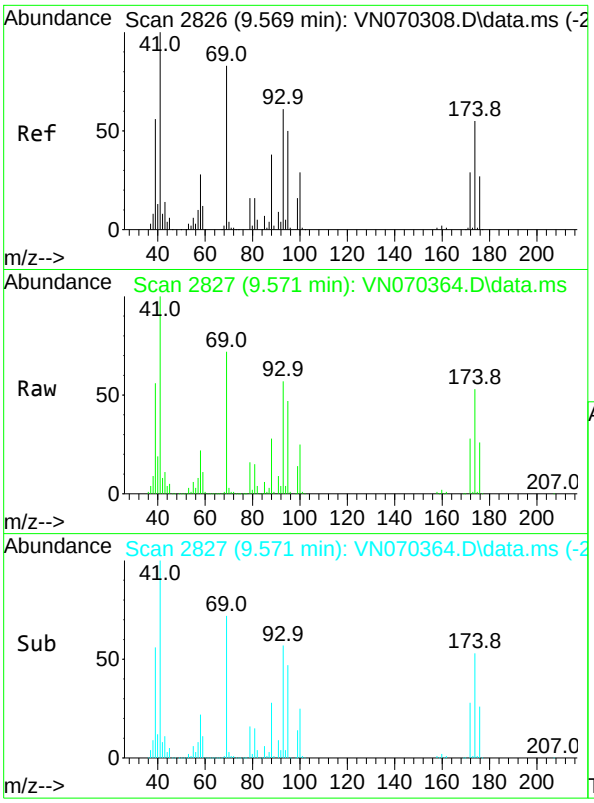


#48
Methyl methacrylate
Concen: 58.236 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 41 Resp: 848102

Ion	Ratio	Lower	Upper
41	100		
69	76.7	72.4	108.6
39	60.4	58.4	87.6





#49
1,4-Dioxane
Concen: 939.152 ug/l
RT: 9.571 min Scan# 2
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 88 Resp: 20020

Ion	Ratio	Lower	Upper
88	100		
43	37.8	23.4	35.2#
58	76.4	50.6	75.8#

Instrument :
MSVOA_N
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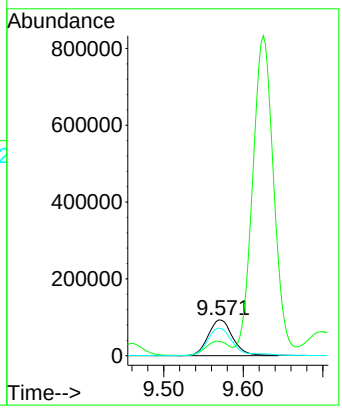
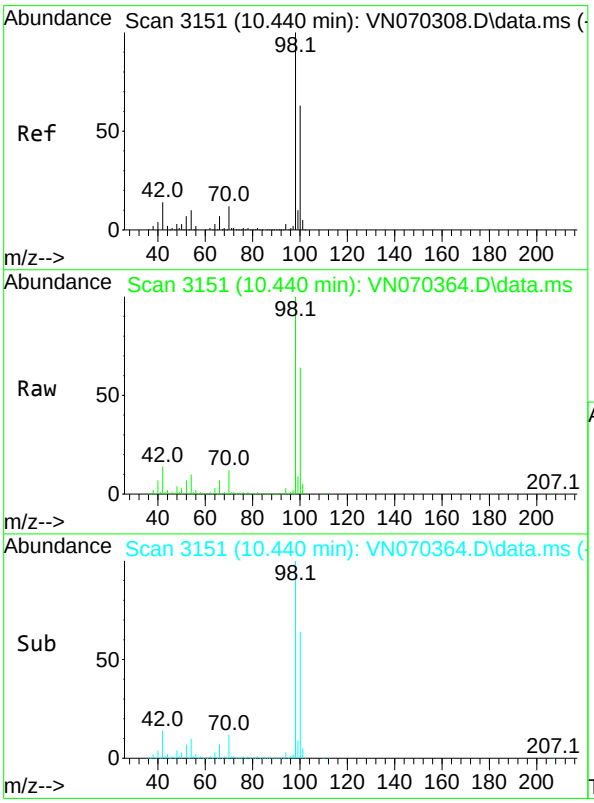
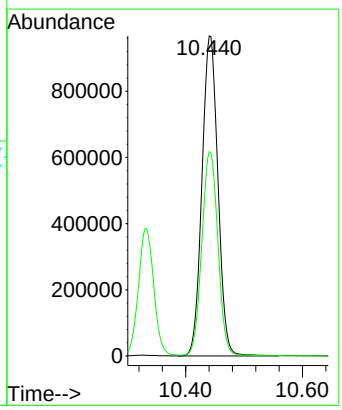


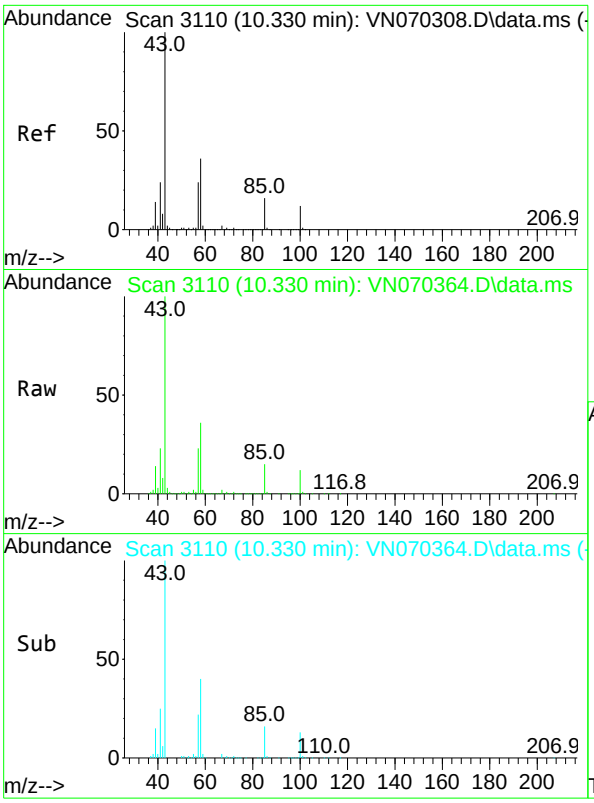


#50
Toluene-d8
Concen: 49.669 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 98 Resp: 1832413

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.4	75.6

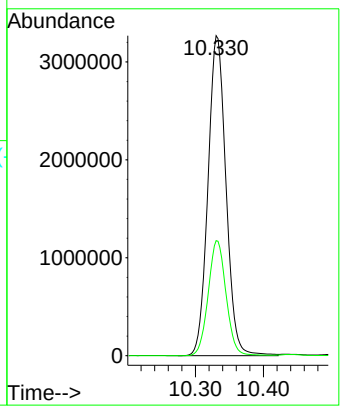




#51
4-Methyl-2-Pentanone
Concen: 313.544 ug/l
RT: 10.330 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 601522

Ion	Ratio	Lower	Upper
43	100		
58	35.7	30.4	45.6



Instrument :
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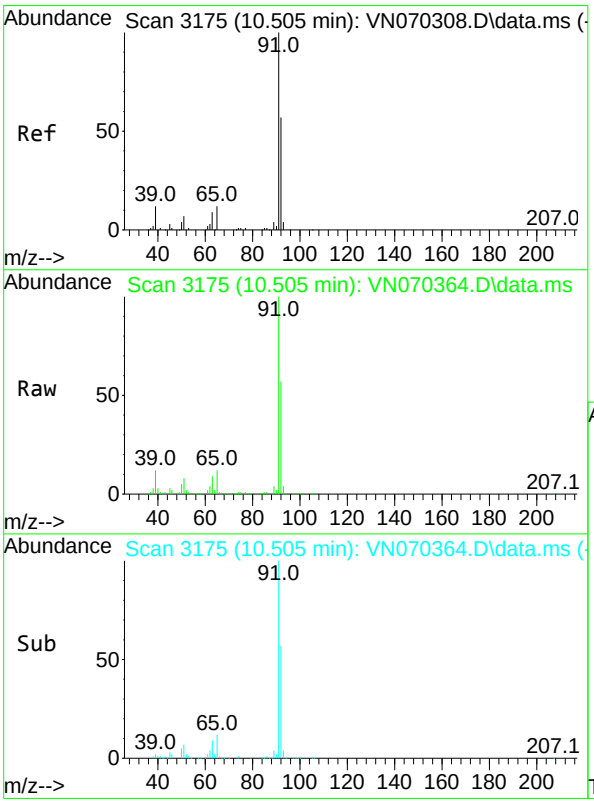
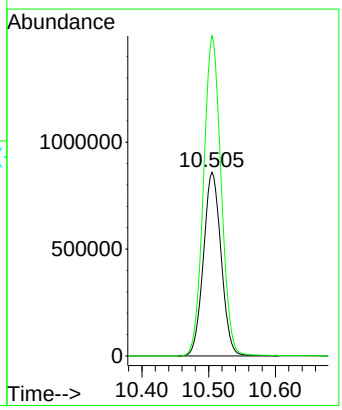
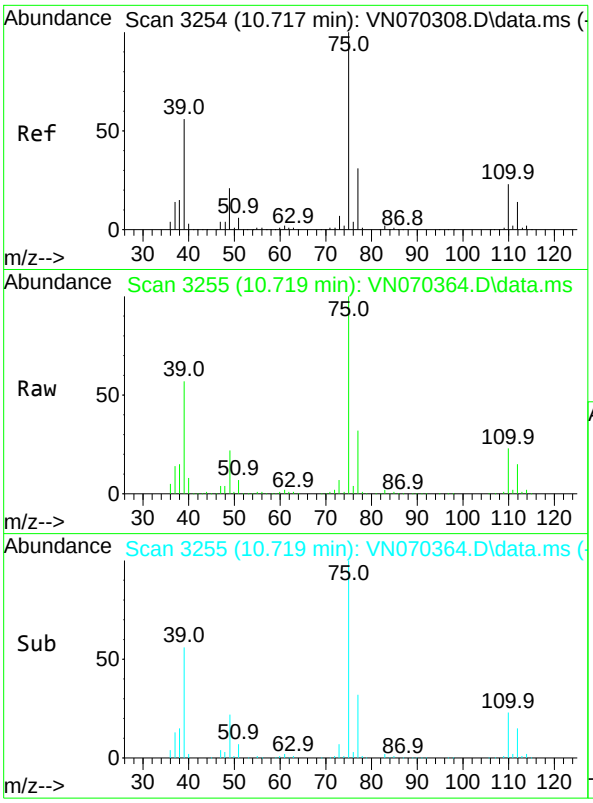


#52
Toluene
Concen: 56.901 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 92 Resp: 1577486

Ion	Ratio	Lower	Upper
92	100		
91	174.1	142.0	213.0

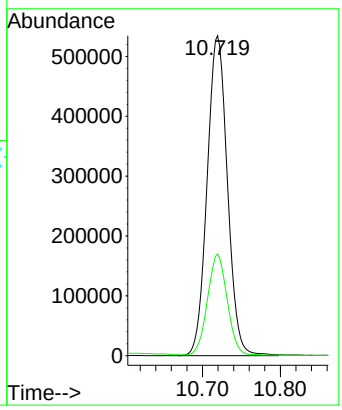




#53
t-1,3-Dichloropropene
Concen: 58.726 ug/l
RT: 10.719 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 75 Resp: 96801

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4



Instrument :
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ClientSampleId :
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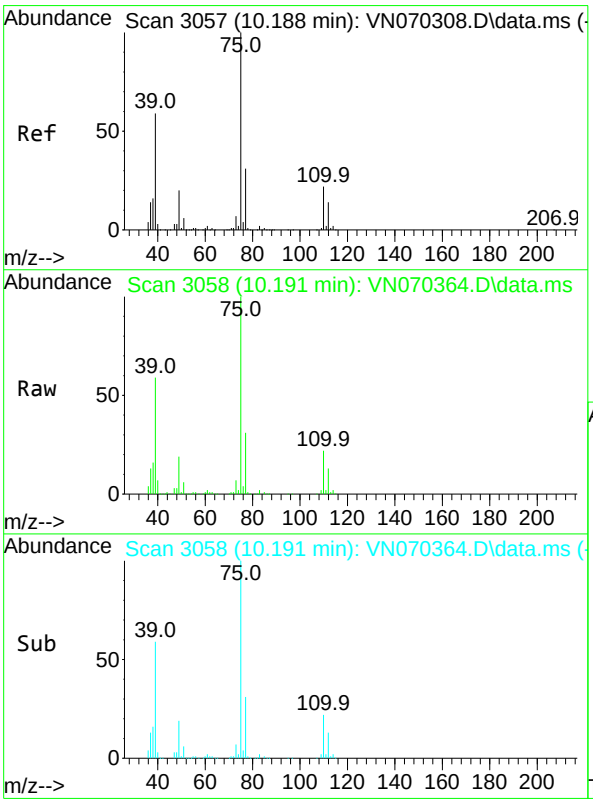
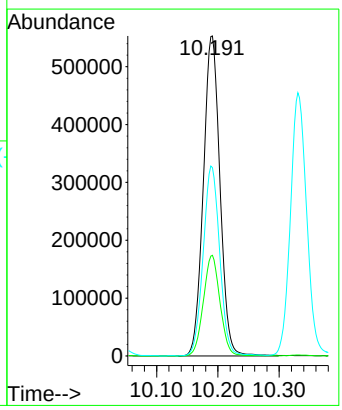
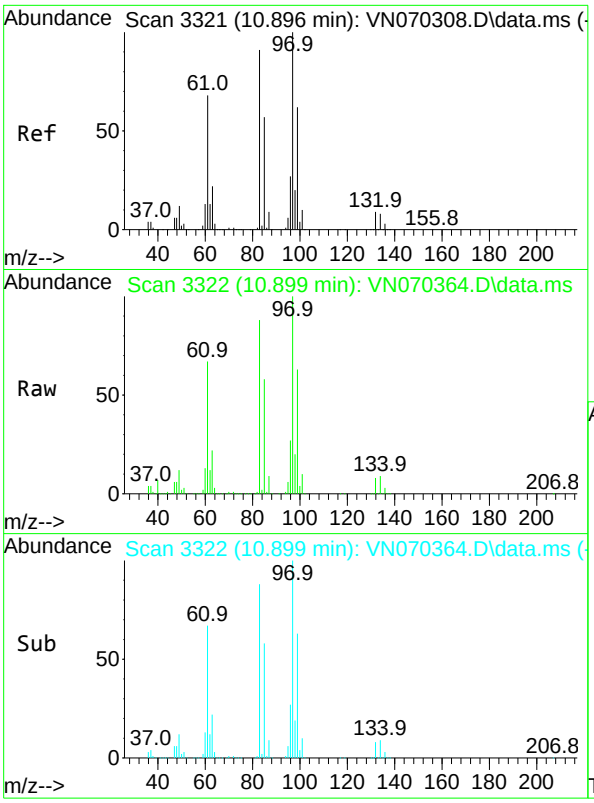


#54
cis-1,3-Dichloropropene
Concen: 58.615 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 75 Resp: 1045180

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.4	39.6
39	58.9	42.5	63.7

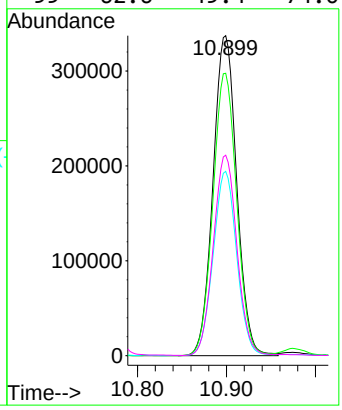




#55
1,1,2-Trichloroethane
Concen: 56.904 ug/l
RT: 10.899 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 97 Resp: 62418

Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.8	101.6
85	57.5	45.4	68.2
99	62.6	49.4	74.0



Instrument :
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ClientSampleId :
VSTDCCC050

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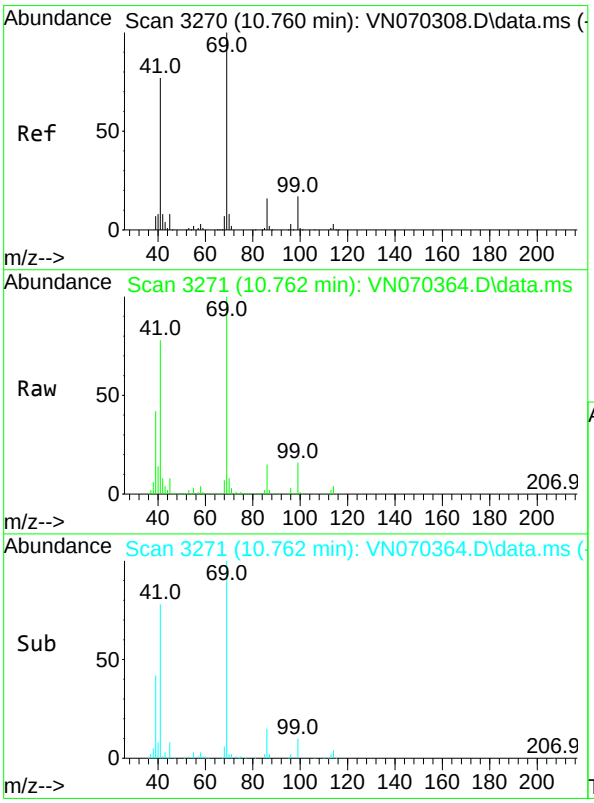
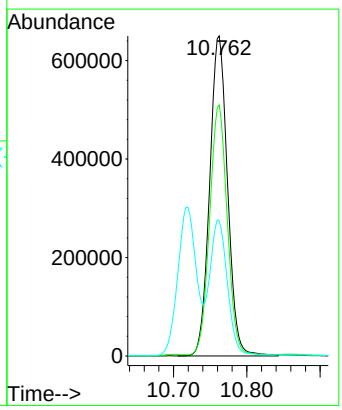
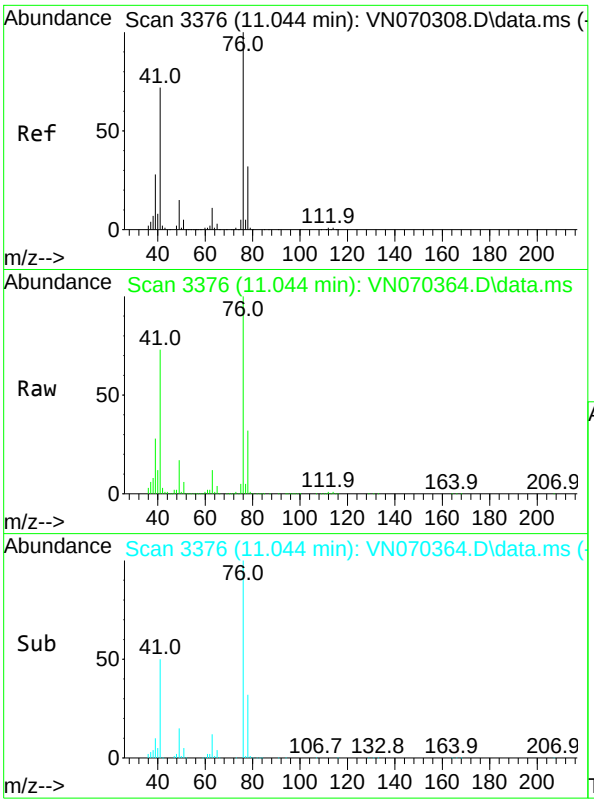


#56
Ethyl methacrylate
Concen: 60.785 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 69 Resp: 1101701

Ion	Ratio	Lower	Upper
69	100		
41	76.7	51.4	77.0
39	41.6	34.6	52.0





#57
1,3-Dichloropropane
Concen: 57.182 ug/l
RT: 11.044 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 76 Resp: 110941

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.7	38.5

Instrument :
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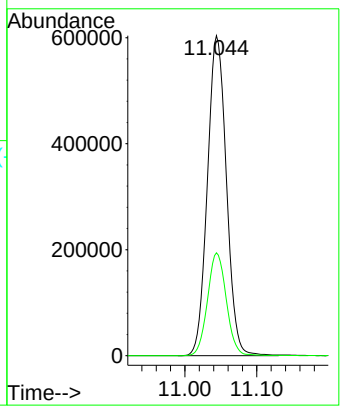
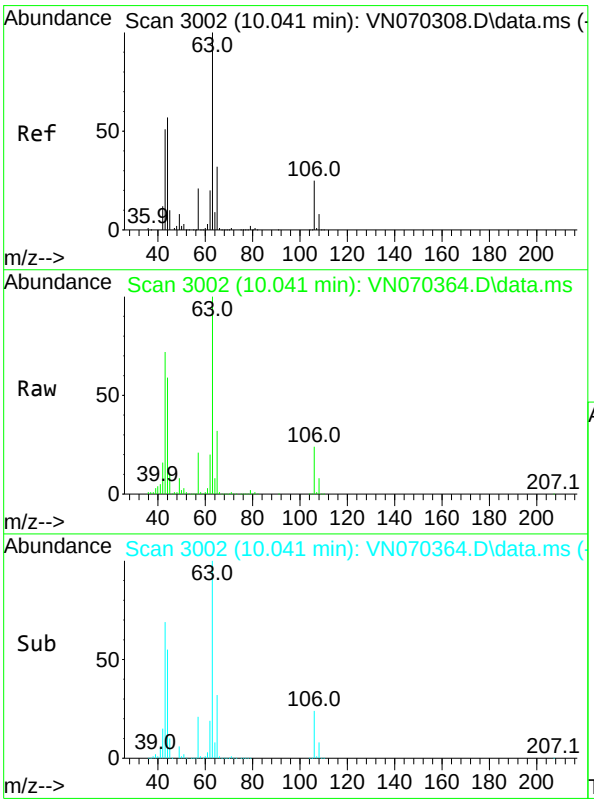
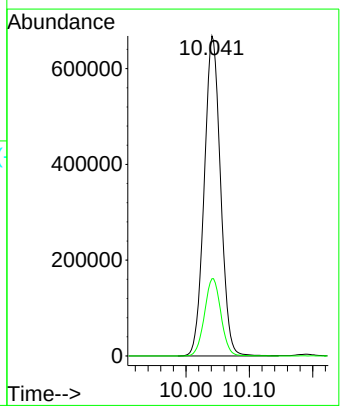


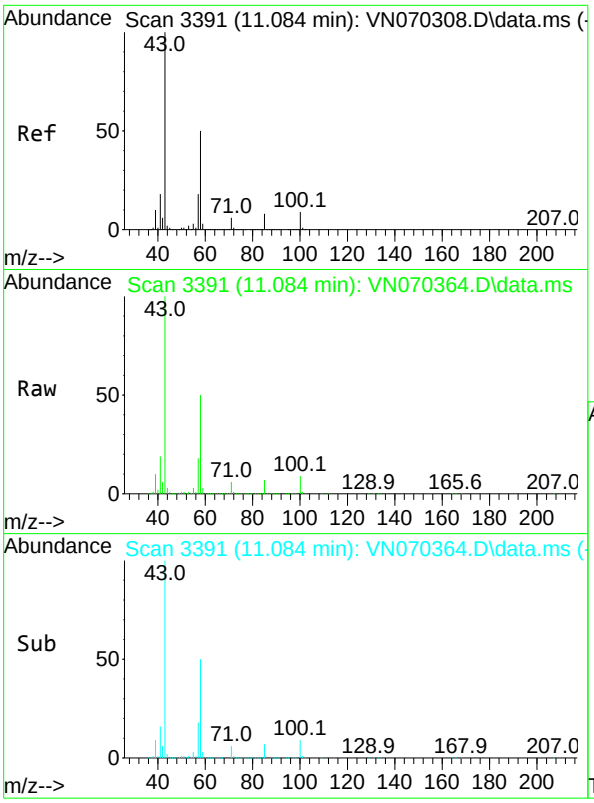


#58
2-Chloroethyl Vinyl ether
Concen: 257.071 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 63 Resp: 1192744

Ion	Ratio	Lower	Upper
63	100		
106	24.4	23.9	35.9





#59
2-Hexanone
Concen: 309.138 ug/l
RT: 11.084 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 432494

Ion	Ratio	Lower	Upper
43	100		
58	49.6	26.9	80.7

Instrument :
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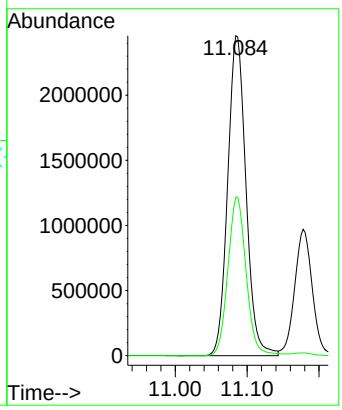
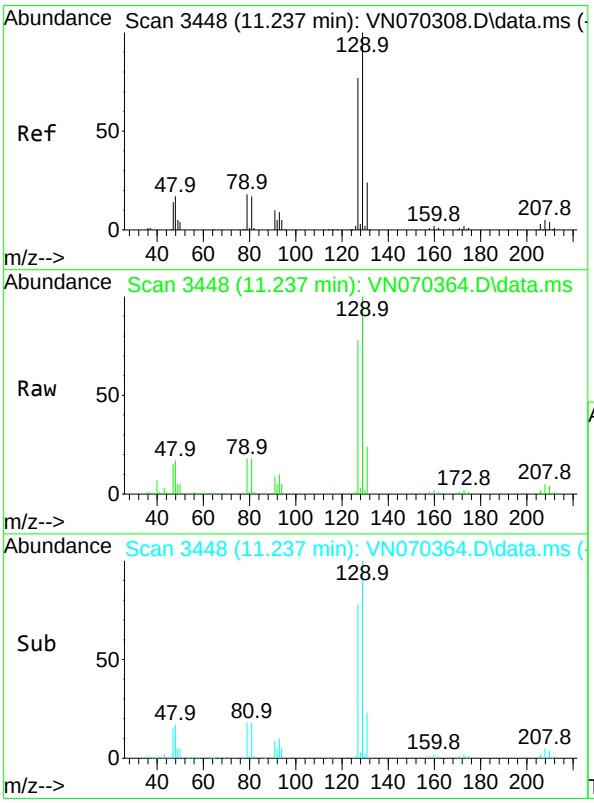
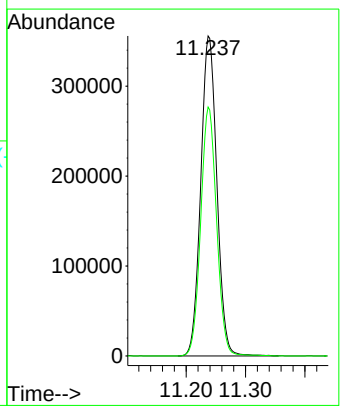


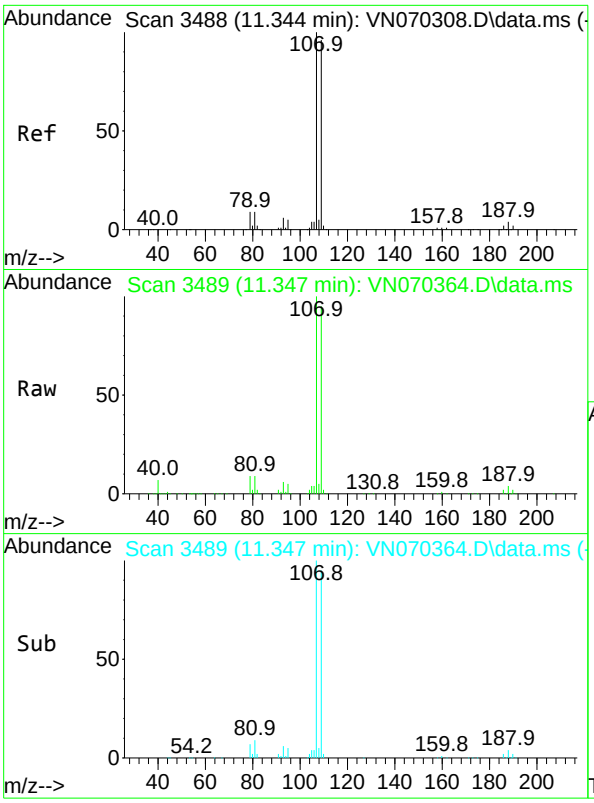


#60
Dibromochloromethane
Concen: 62.644 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:129 Resp: 670439

Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.6	116.0

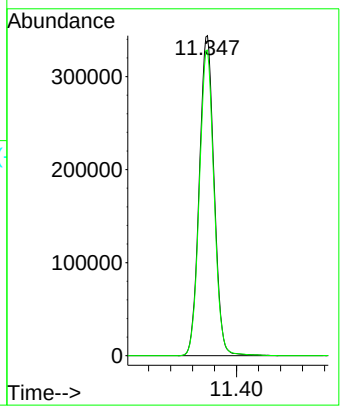




#61
1,2-Dibromoethane
Concen: 57.636 ug/l
RT: 11.347 min Scan# 34
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:107 Resp: 64193

Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.7	113.5



Instrument :
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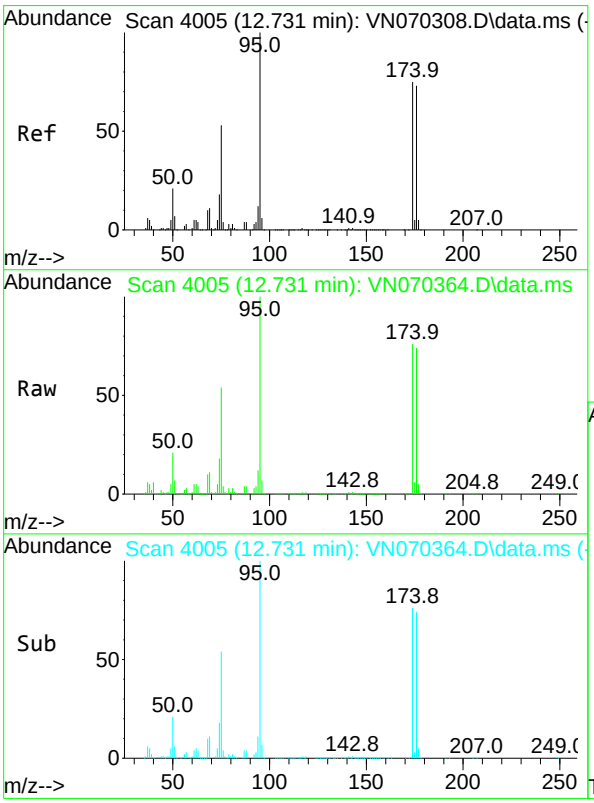
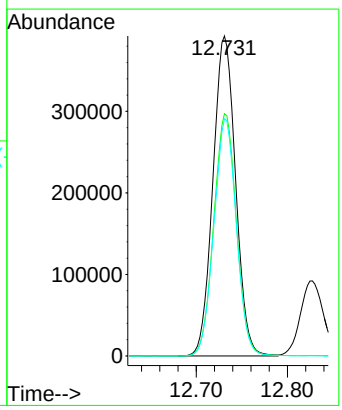
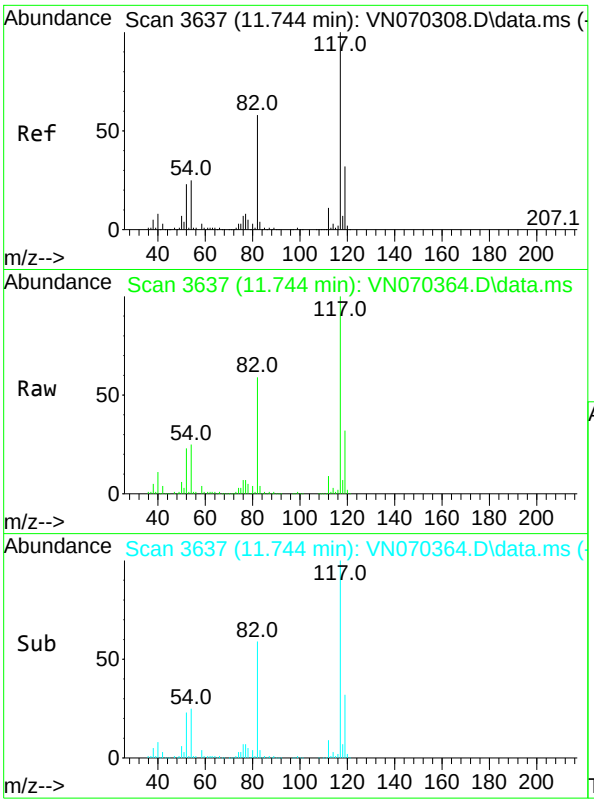


#62
4-Bromofluorobenzene
Concen: 50.795 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 95 Resp: 676829

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	187.2
176	73.5	0.0	181.4

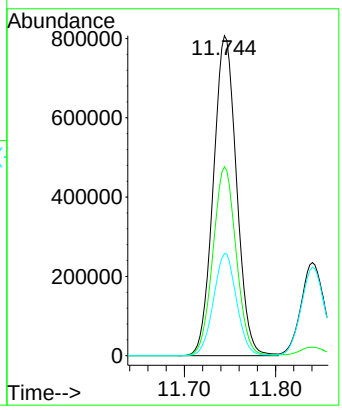




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:117 Resp: 142714

Ion	Ratio	Lower	Upper
117	100		
82	59.1	42.4	63.6
119	31.9	25.4	38.2



Instrument :
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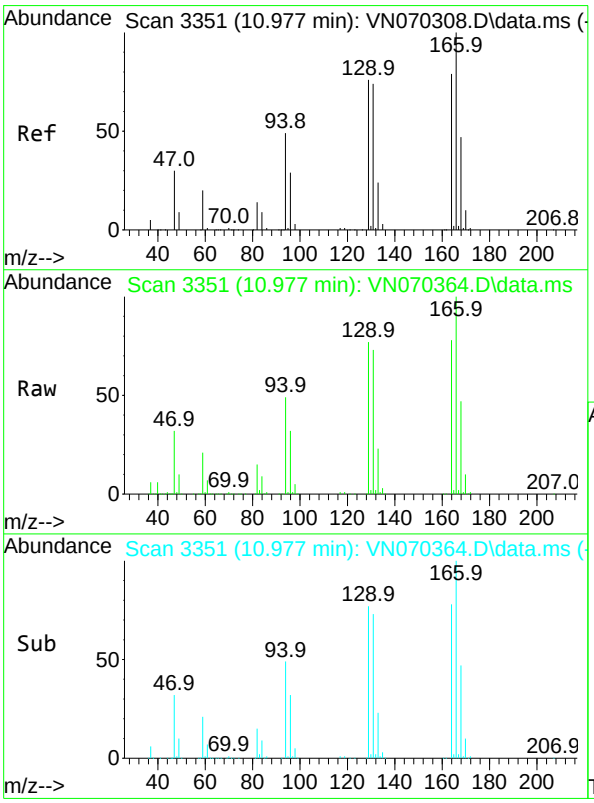
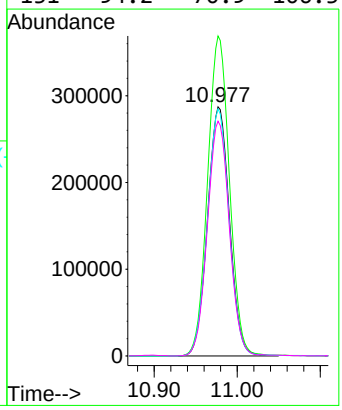
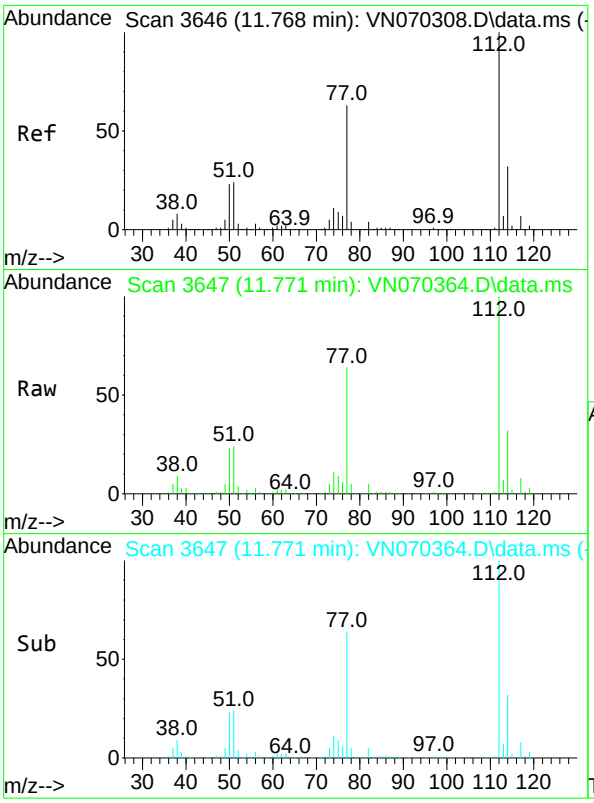


#64
Tetrachloroethene
Concen: 51.024 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:164 Resp: 527306

Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.9	152.9
129	99.2	72.0	108.0
131	94.2	70.9	106.3

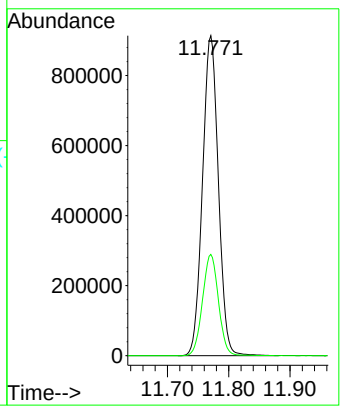




#65
Chlorobenzene
Concen: 54.212 ug/l
RT: 11.771 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:112 Resp: 164160

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.0



Instrument :
MSVOA_N
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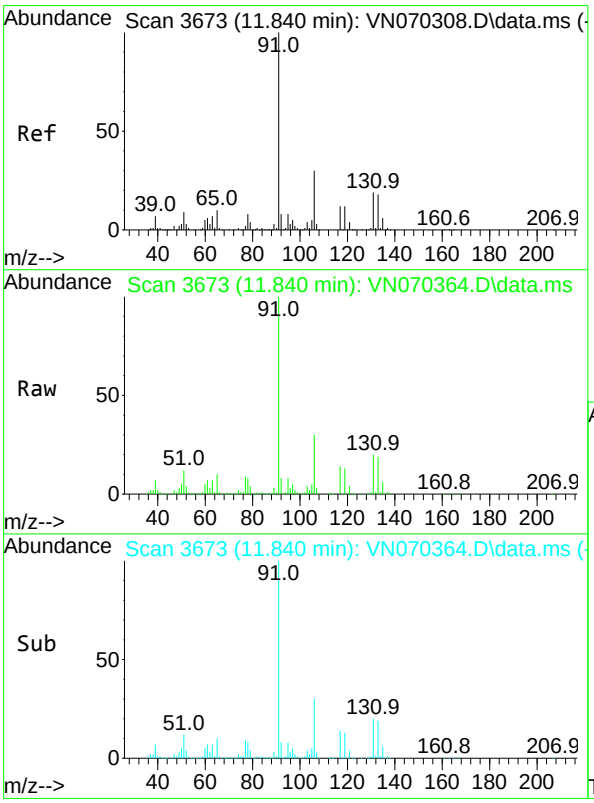
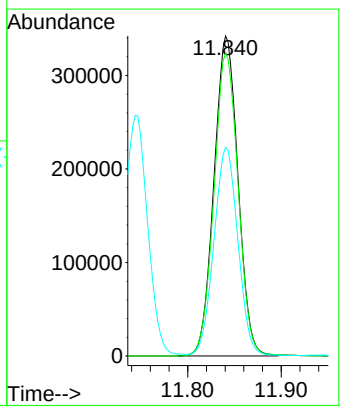
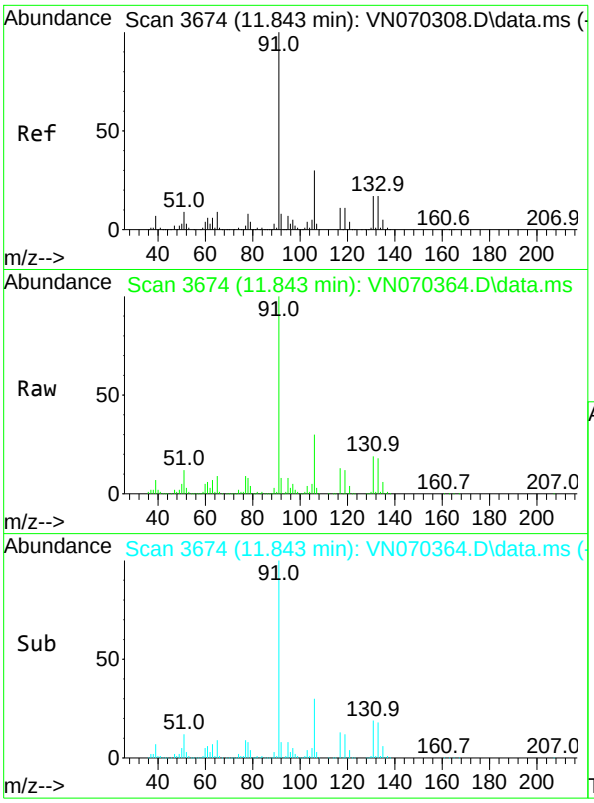


#66
1,1,1,2-Tetrachloroethane
Concen: 56.395 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:131 Resp: 609642

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.9	143.7
119	65.1	32.1	96.5

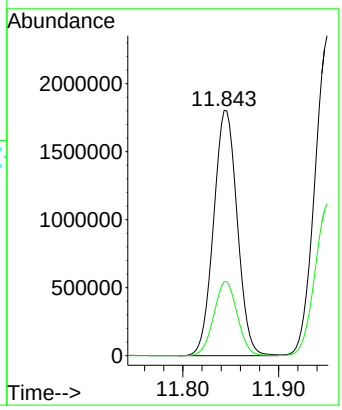




#67
Ethyl Benzene
Concen: 55.630 ug/l
RT: 11.843 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 91 Resp: 308642

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.7	38.5



Instrument :
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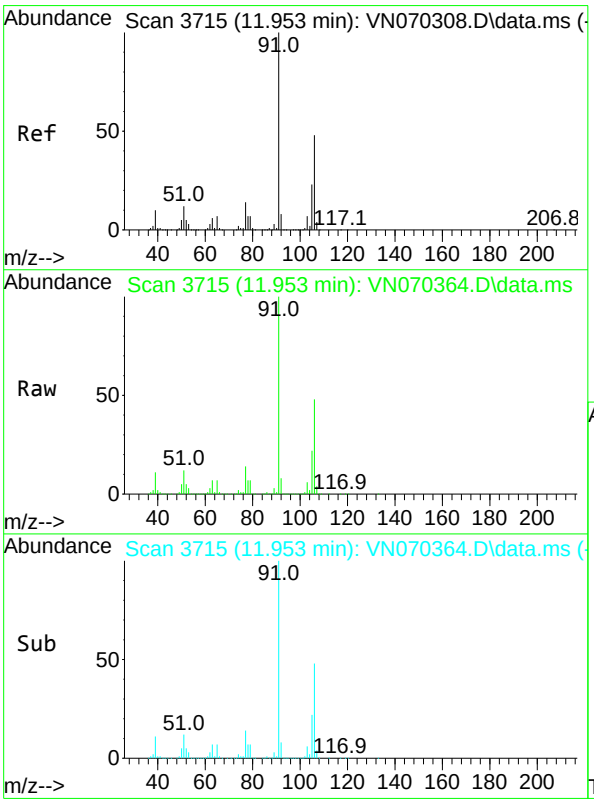
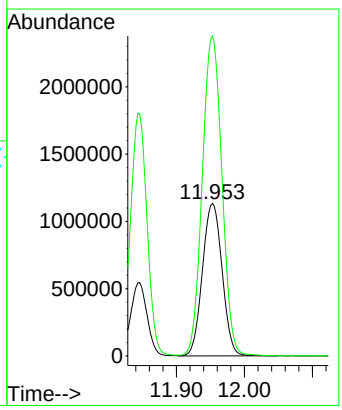
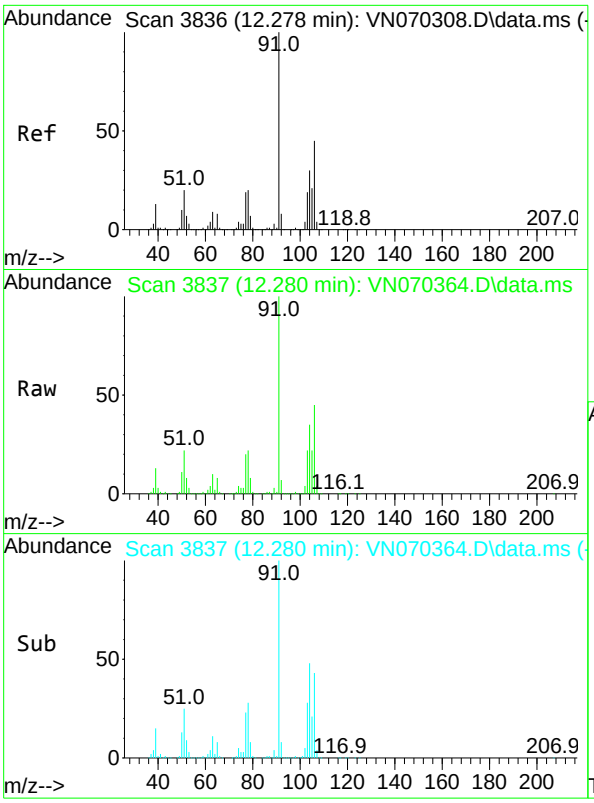


#68
m/p-Xylenes
Concen: 112.868 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:106 Resp: 2279432

Ion	Ratio	Lower	Upper
106	100		
91	209.9	160.6	240.8





#69
o-Xylene
Concen: 56.141 ug/l
RT: 12.280 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:106 Resp: 112773

Ion	Ratio	Lower	Upper
106	100		
91	223.8	105.8	317.3

Instrument :
MSVOA_N
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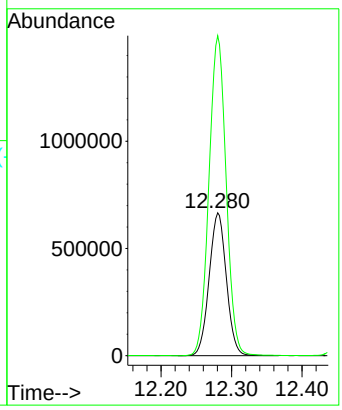
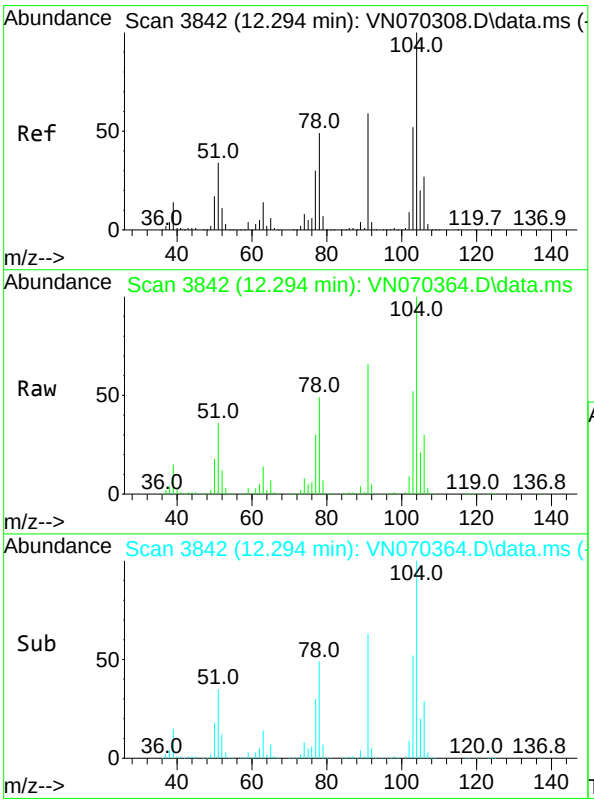
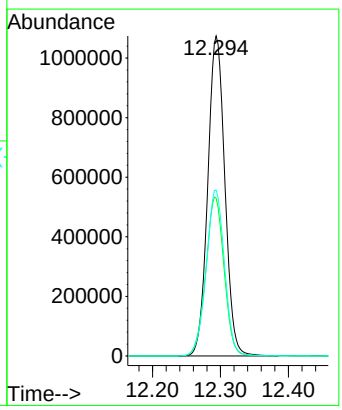


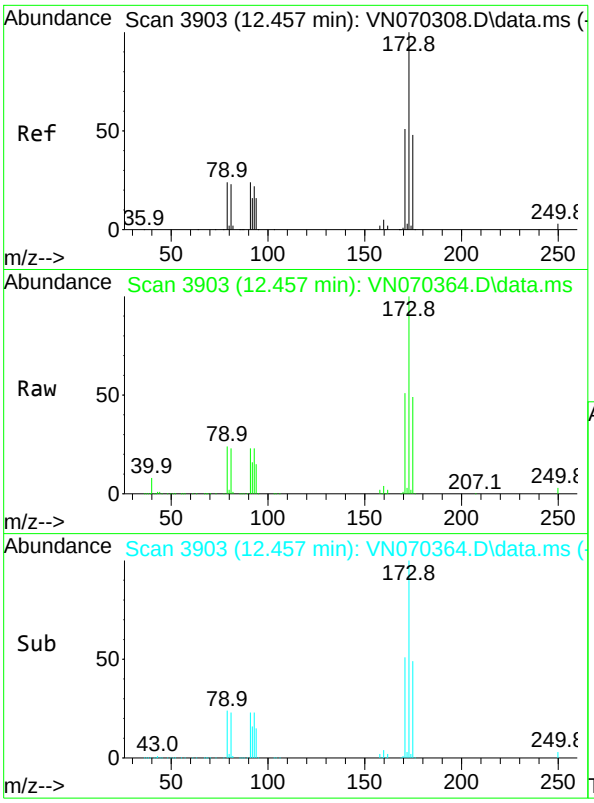


#70
Styrene
Concen: 59.109 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:104 Resp: 1879254

Ion	Ratio	Lower	Upper
104	100		
78	53.3	38.7	58.1
103	55.3	45.0	67.6

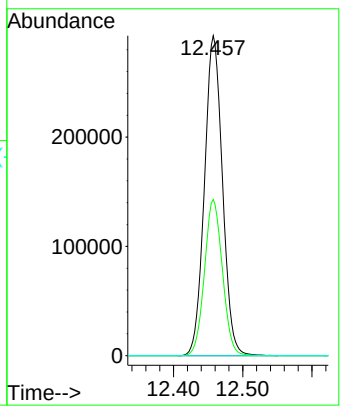




#71
Bromoform
Concen: 65.964 ug/l
RT: 12.457 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:173 Resp: 52921

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
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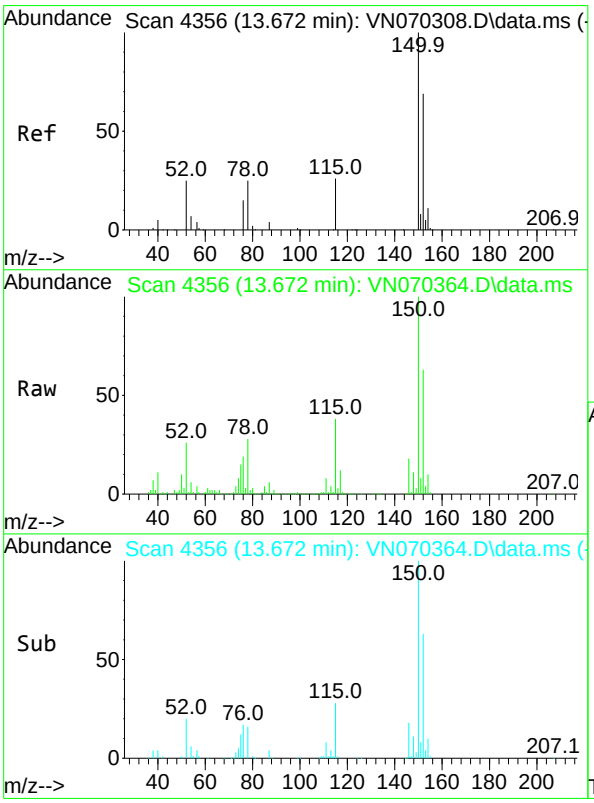
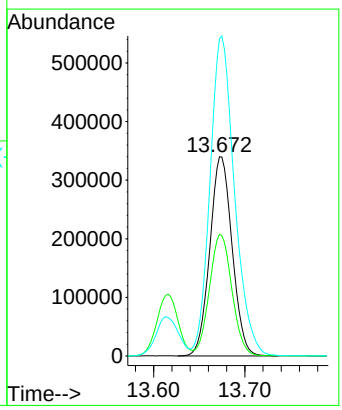
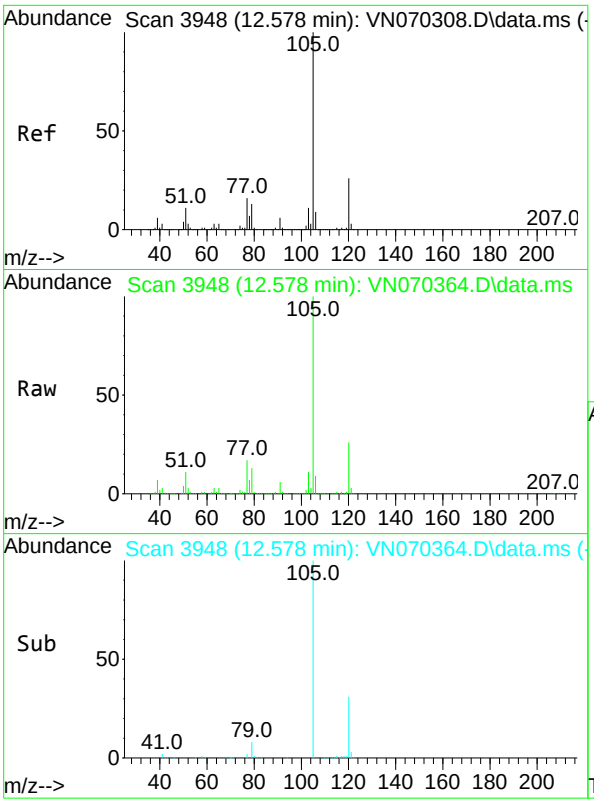


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:152 Resp: 578898

Ion	Ratio	Lower	Upper
152	100		
115	61.1	27.5	82.5
150	175.7	0.0	344.4





#73
Isopropylbenzene
Concen: 54.549 ug/l
RT: 12.578 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:105 Resp: 293248

Ion	Ratio	Lower	Upper
105	100		
120	25.6	13.4	40.1

Instrument :
MSVOA_N
ClientSampleId :
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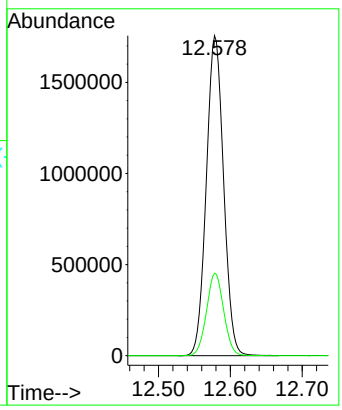
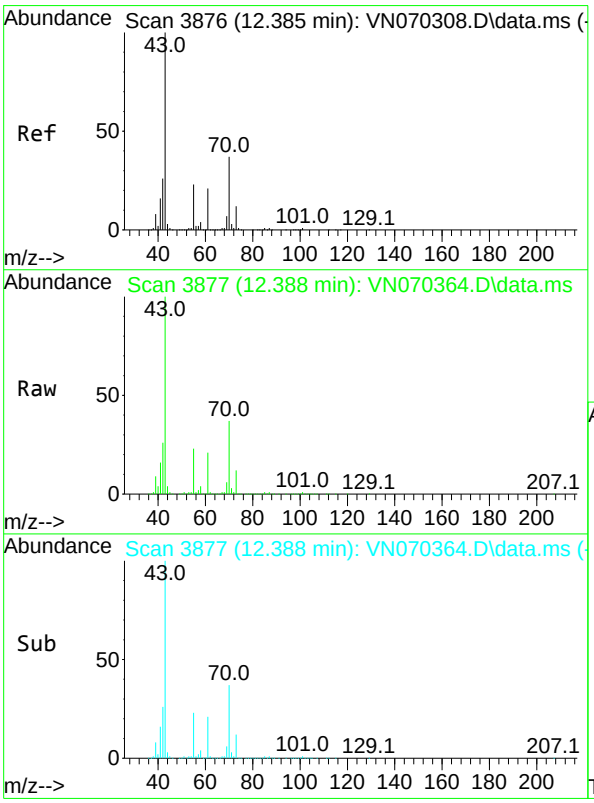
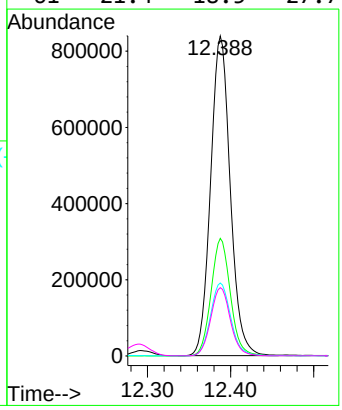


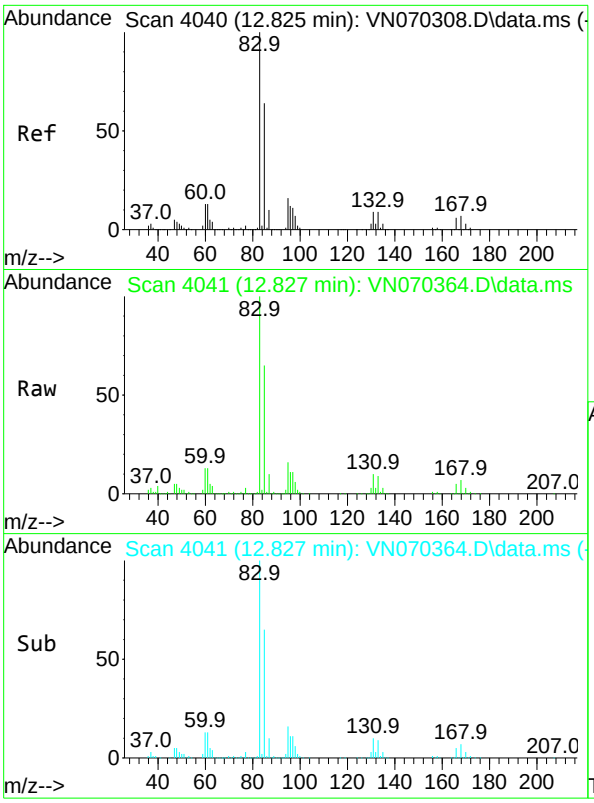


#74
N-amyl acetate
Concen: 60.991 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 43 Resp: 1378643

Ion	Ratio	Lower	Upper
43	100		
70	36.2	33.4	50.0
55	23.4	19.3	28.9
61	21.4	18.5	27.7

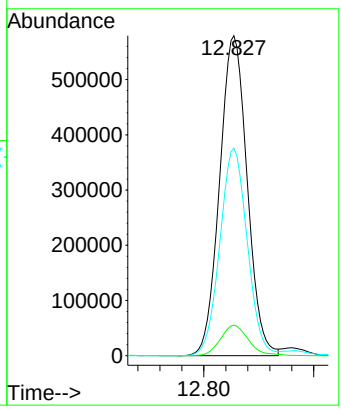




#75
1,1,2,2-Tetrachloroethane
Concen: 58.163 ug/l
RT: 12.827 min Scan# 4
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 83 Resp: 100817

Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.5	16.5
85	64.5	32.4	97.2



Instrument :
MSVOA_N
ClientSampleId :
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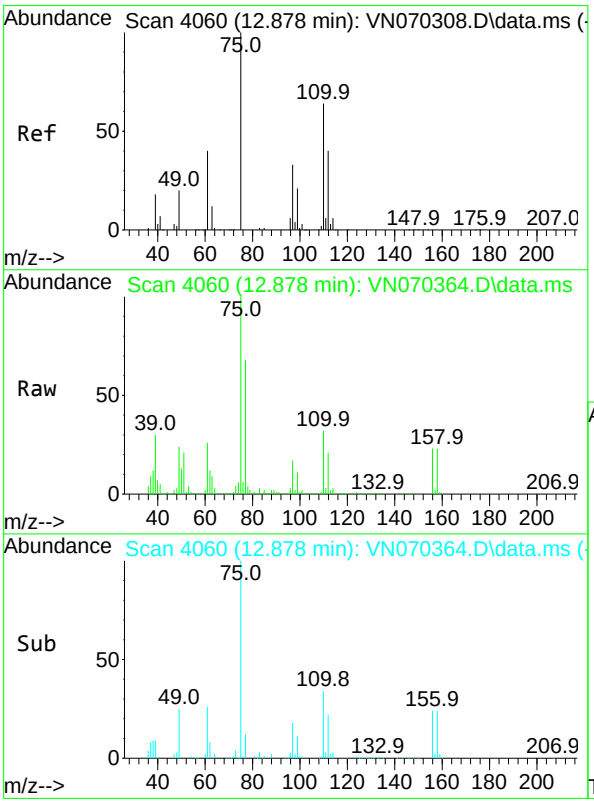
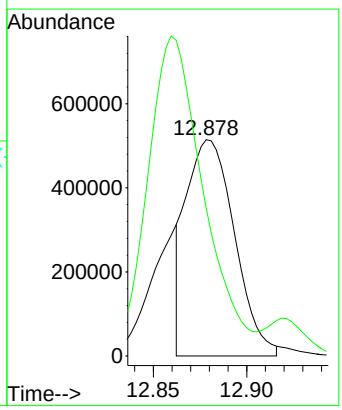
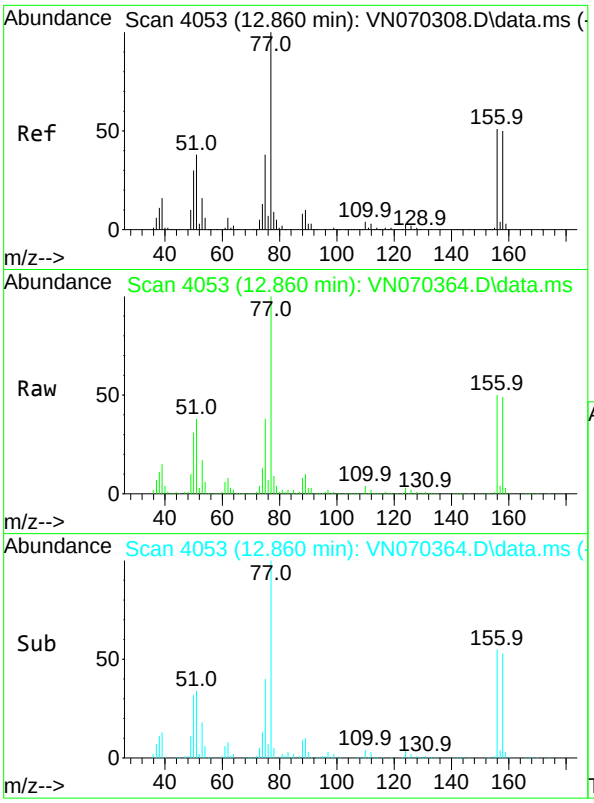


#76
1,2,3-Trichloropropane
Concen: 53.716 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 75 Resp: 924287

Ion	Ratio	Lower	Upper
75	100		
77	171.4	82.6	247.8

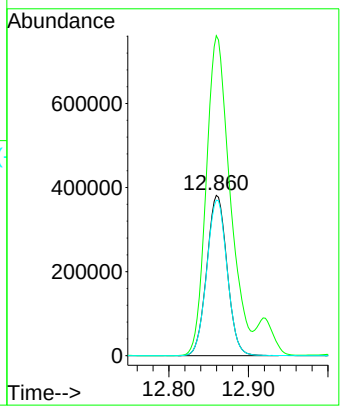




#77
Bromobenzene
Concen: 54.931 ug/l
RT: 12.860 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:156 Resp: 67797

Ion	Ratio	Lower	Upper
156	100		
77	233.7	90.6	271.8
158	98.0	48.9	146.7



Instrument :
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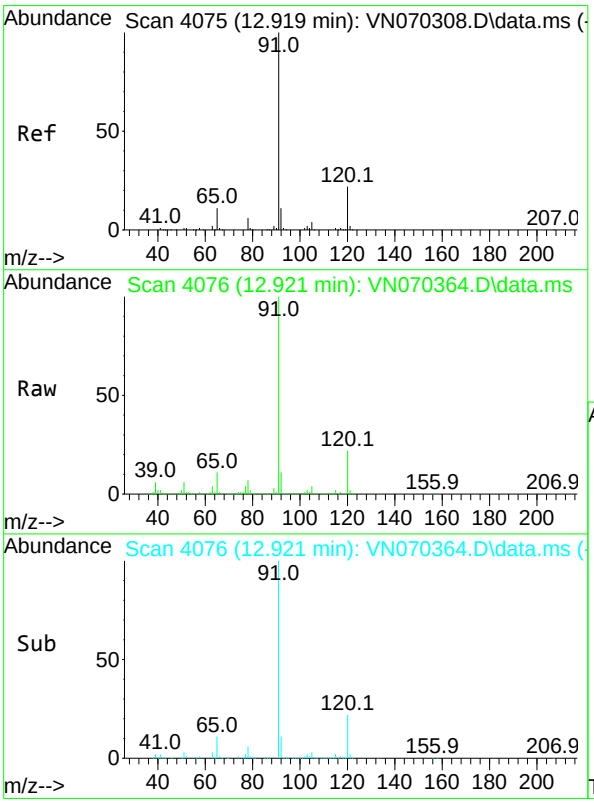
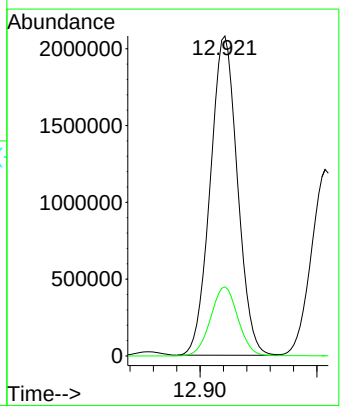
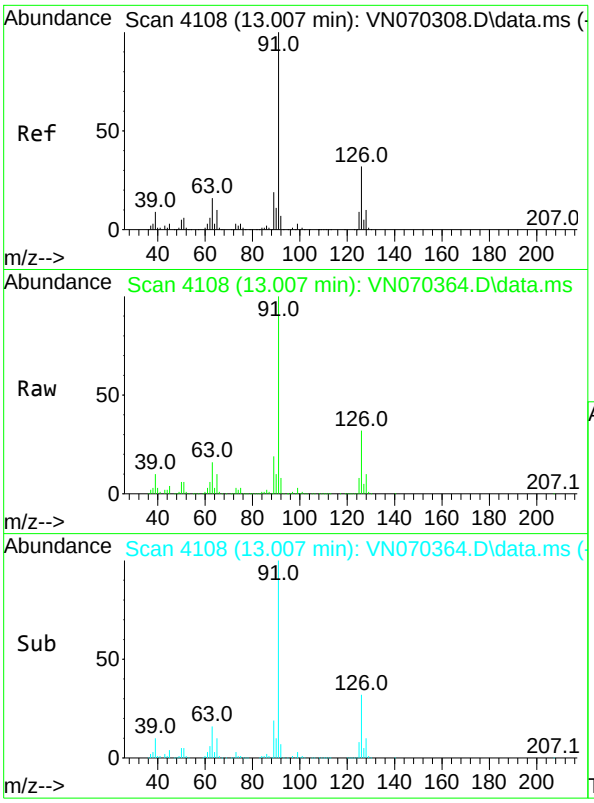


#78
n-propylbenzene
Concen: 56.467 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 91 Resp: 3363382

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.9	35.9

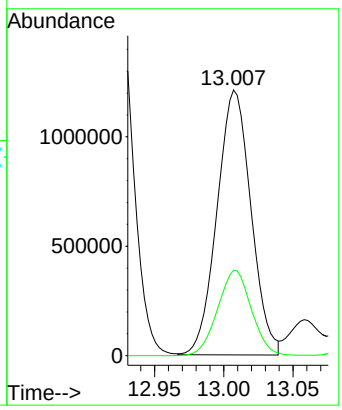




#79
2-Chlorotoluene
Concen: 54.049 ug/l
RT: 13.007 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 91 Resp: 206563

Ion	Ratio	Lower	Upper
91	100		
126	32.1	18.3	54.8



Instrument :
MSVOA_N
ClientSampleId :
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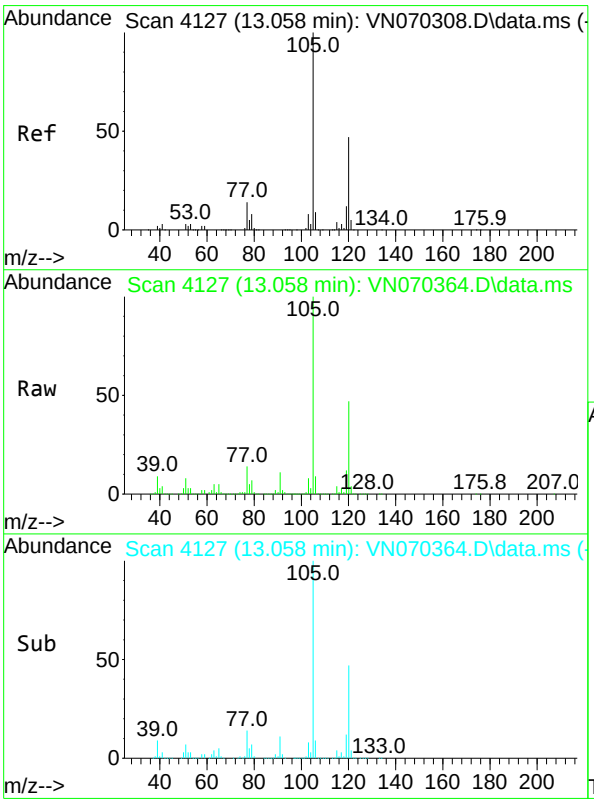
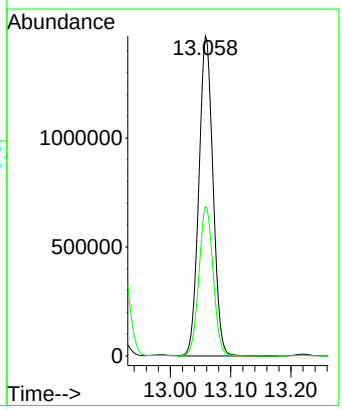
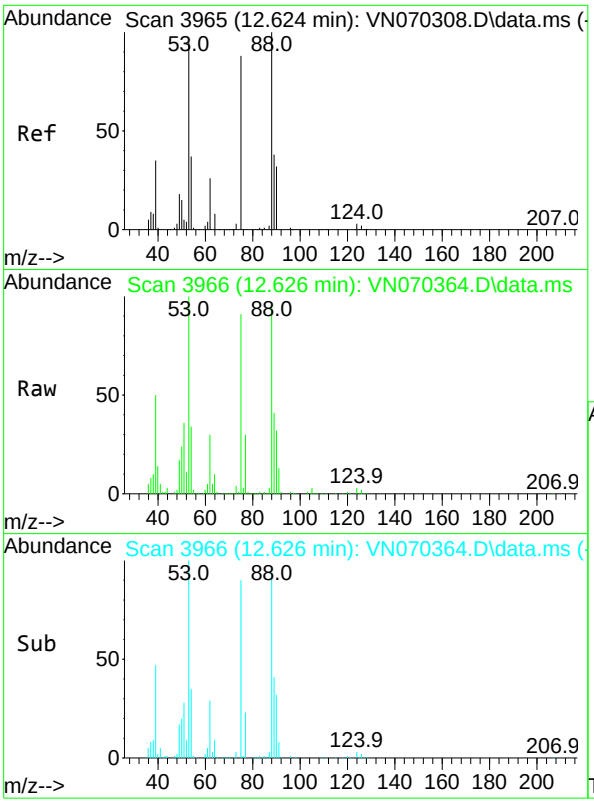


#80
1,3,5-Trimethylbenzene
Concen: 55.438 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:105 Resp: 2388289

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.6	73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 63.778 ug/l
RT: 12.626 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 75 Resp: 30219

Ion	Ratio	Lower	Upper
75	100		
53	111.1	90.5	135.7
89	45.9	38.2	57.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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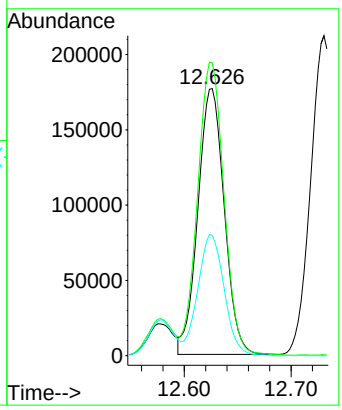
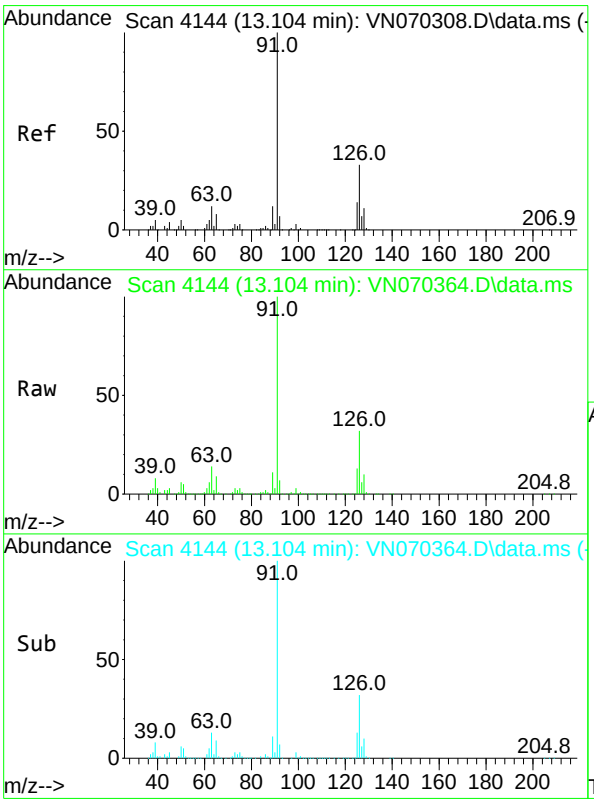
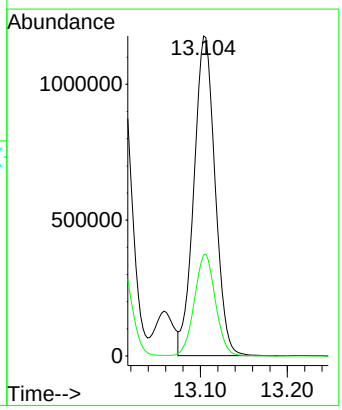


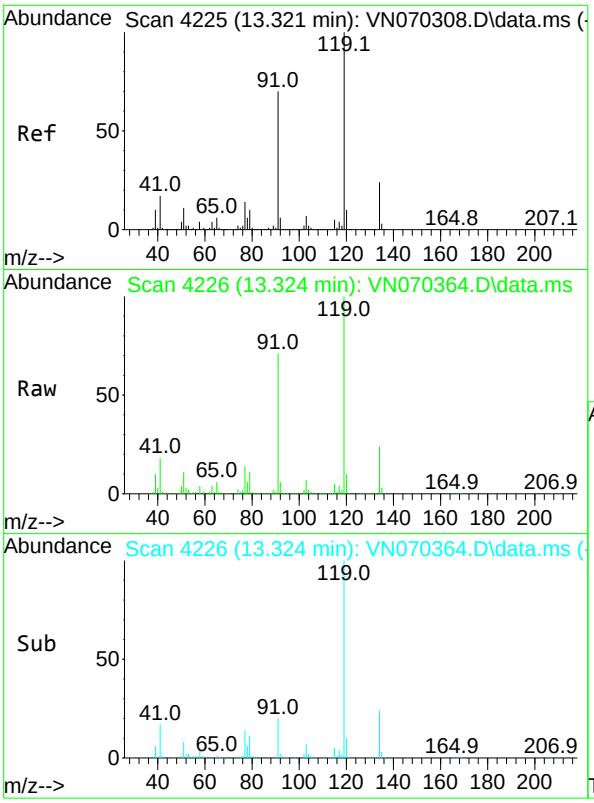


#82
4-Chlorotoluene
Concen: 55.474 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 91 Resp: 1985926

Ion	Ratio	Lower	Upper
91	100		
126	31.7	18.2	54.6

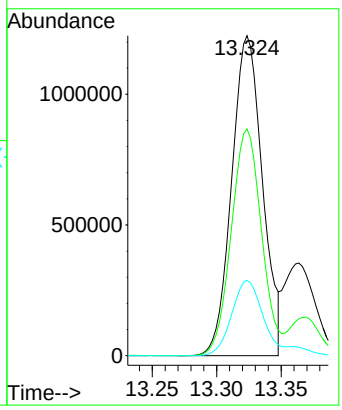




#83
tert-Butylbenzene
Concen: 53.555 ug/l
RT: 13.324 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:119 Resp: 203152

Ion	Ratio	Lower	Upper
119	100		
91	69.8	31.5	94.5
134	23.9	12.4	37.4



Instrument :
MSVOA_N
ClientSampleId :
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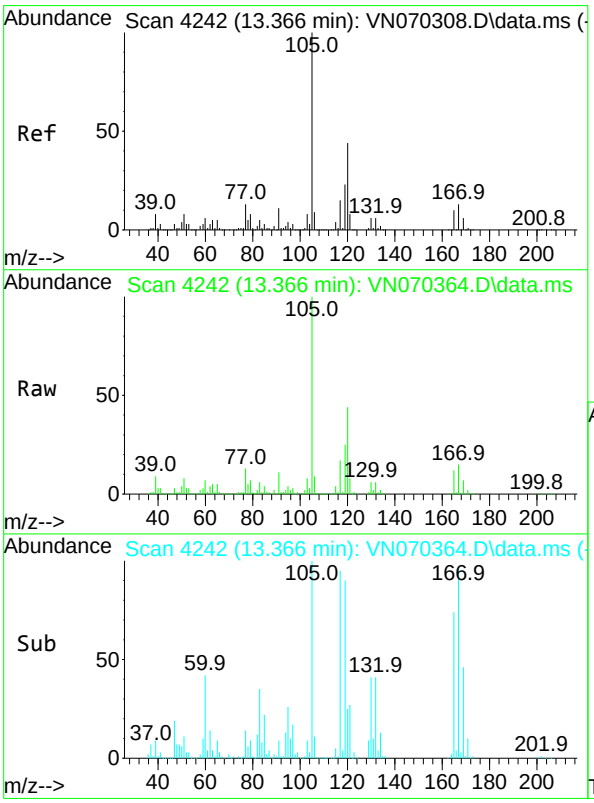
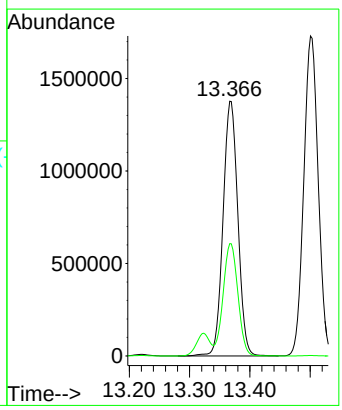
Supervised By :Mahesh Dadoda 12/30/2021

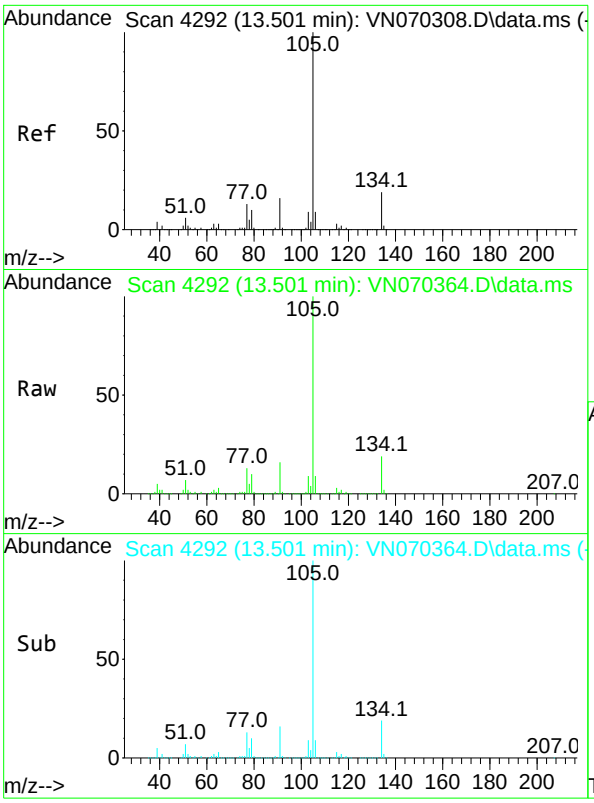


#84
1,2,4-Trimethylbenzene
Concen: 56.655 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:105 Resp: 2350221

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.8	68.4

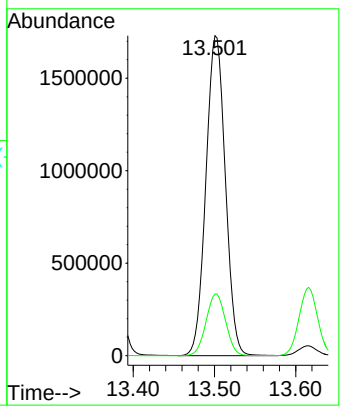




#85
sec-Butylbenzene
Concen: 55.769 ug/l
RT: 13.501 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:105 Resp: 287216

Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.4	31.1



Instrument :
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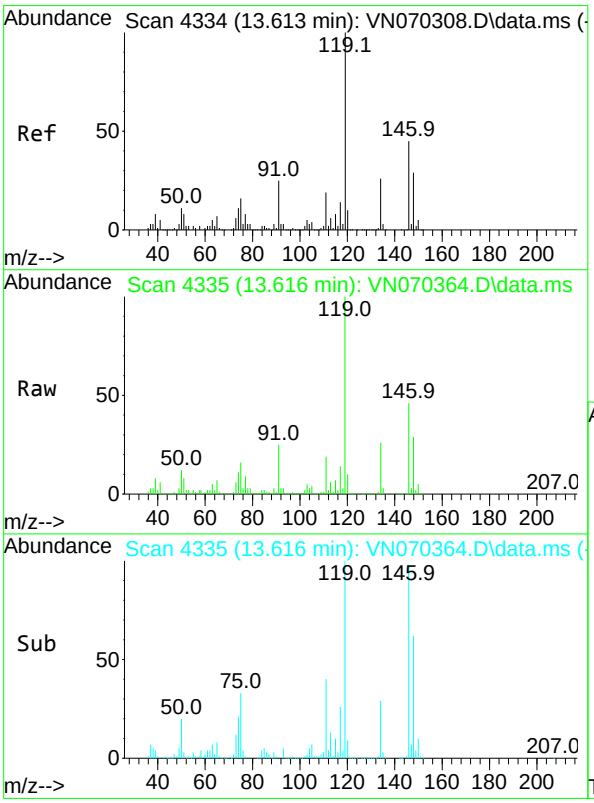
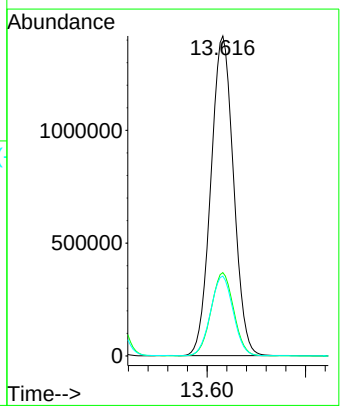
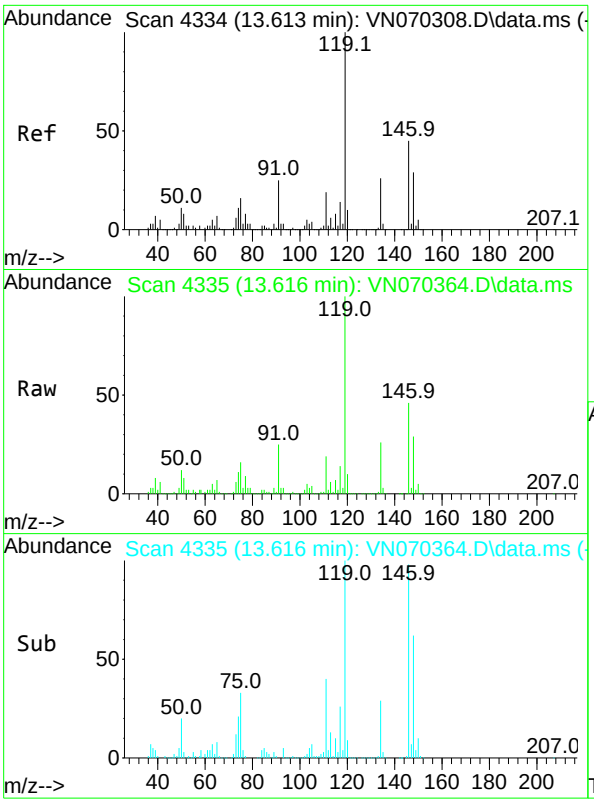


#86
p-Isopropyltoluene
Concen: 56.050 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:119 Resp: 2267544

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.6	40.7
91	24.8	11.4	34.1

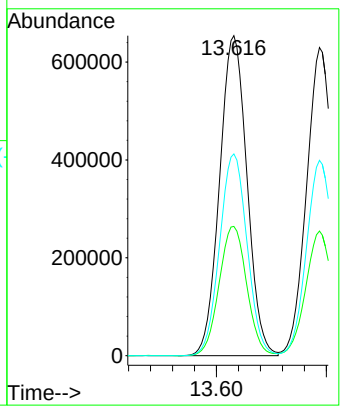




#87
1,3-Dichlorobenzene
Concen: 54.778 ug/l
RT: 13.616 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:146 Resp: 113178

Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.6	55.6
148	63.3	31.6	95.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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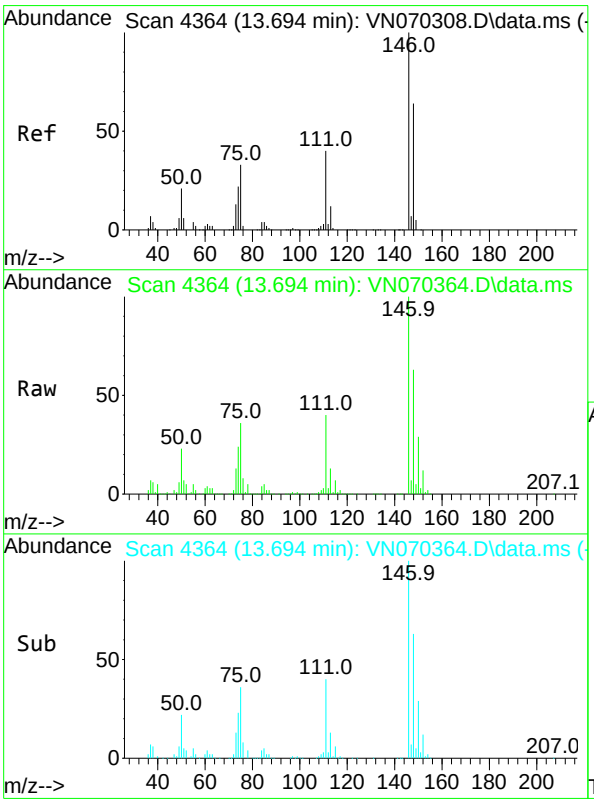
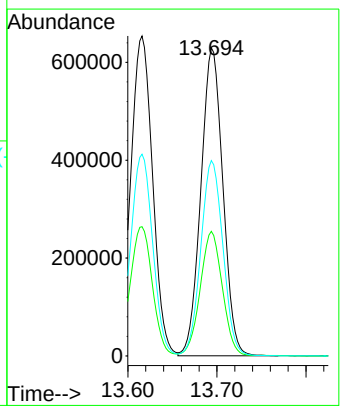
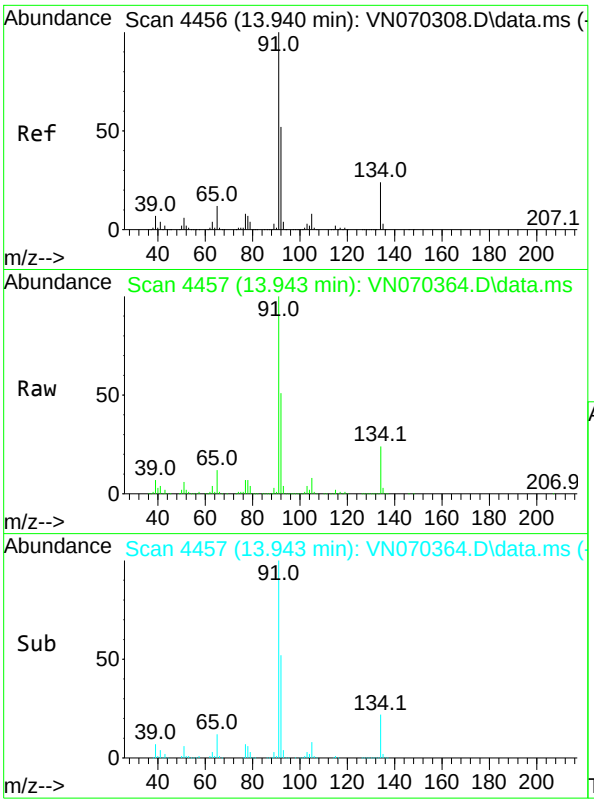


#88
1,4-Dichlorobenzene
Concen: 53.051 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:146 Resp: 1081221

Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.3	54.8
148	64.0	31.8	95.4





#89
n-Butylbenzene
Concen: 55.678 ug/l
RT: 13.943 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 91 Resp: 187881

Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.4	76.0
134	24.3	13.6	40.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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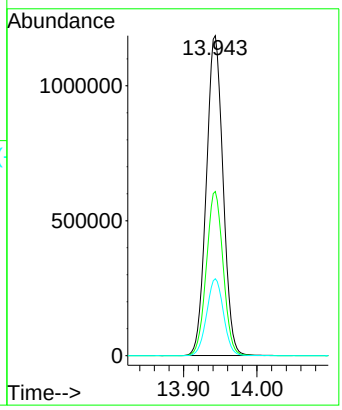
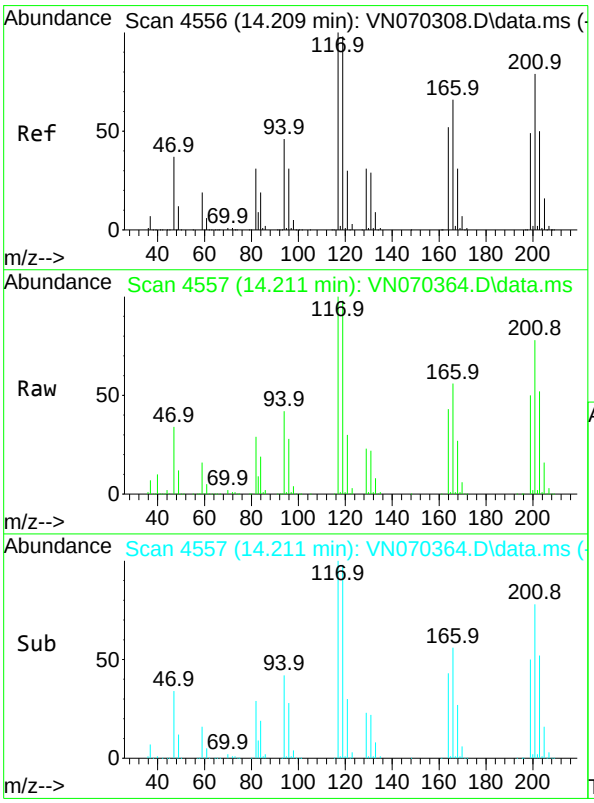
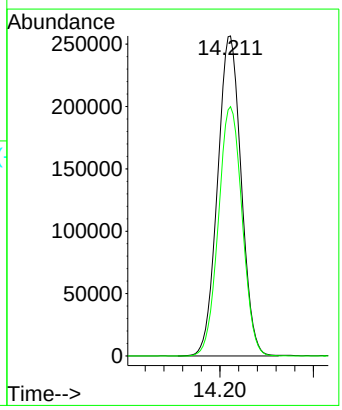


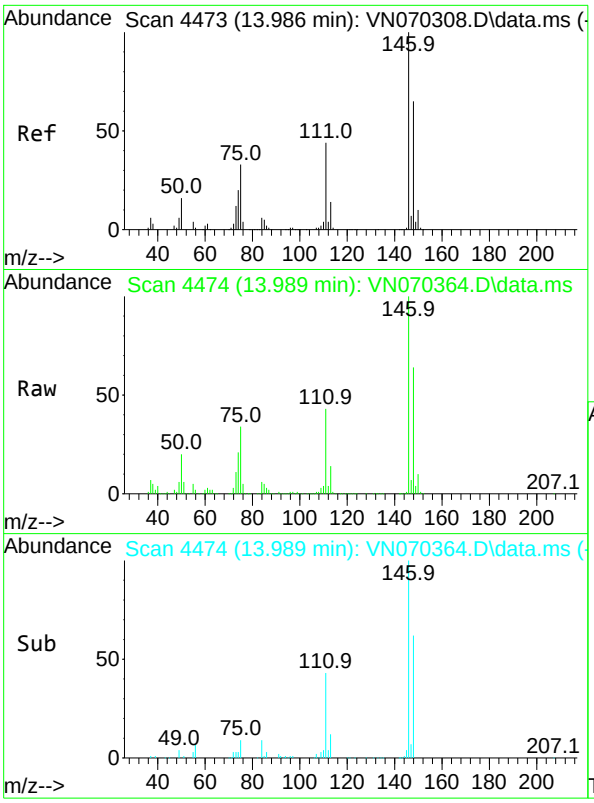


#90
Hexachloroethane
Concen: 64.060 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:117 Resp: 450223

Ion	Ratio	Lower	Upper
117	100		
201	78.3	43.9	131.6

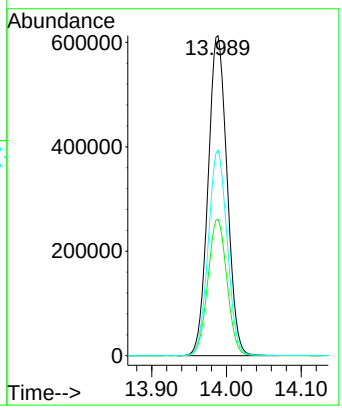




#91
1,2-Dichlorobenzene
Concen: 53.406 ug/l
RT: 13.989 min Scan# 44
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:146 Resp: 108174

Ion	Ratio	Lower	Upper
146	100		
111	42.9	19.1	57.3
148	64.0	32.1	96.3



Instrument :
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ClientSampleId :
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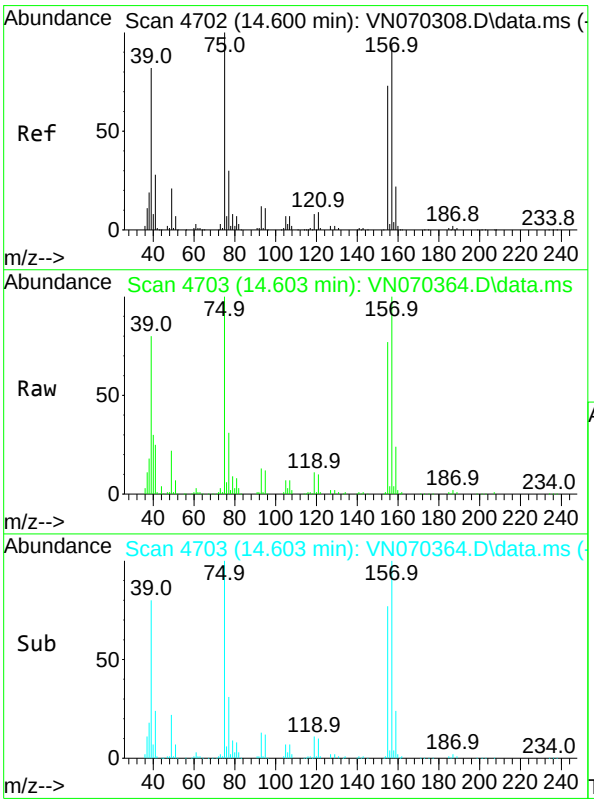
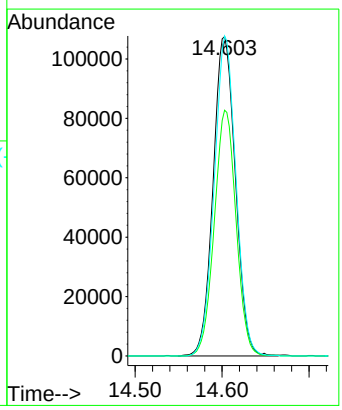
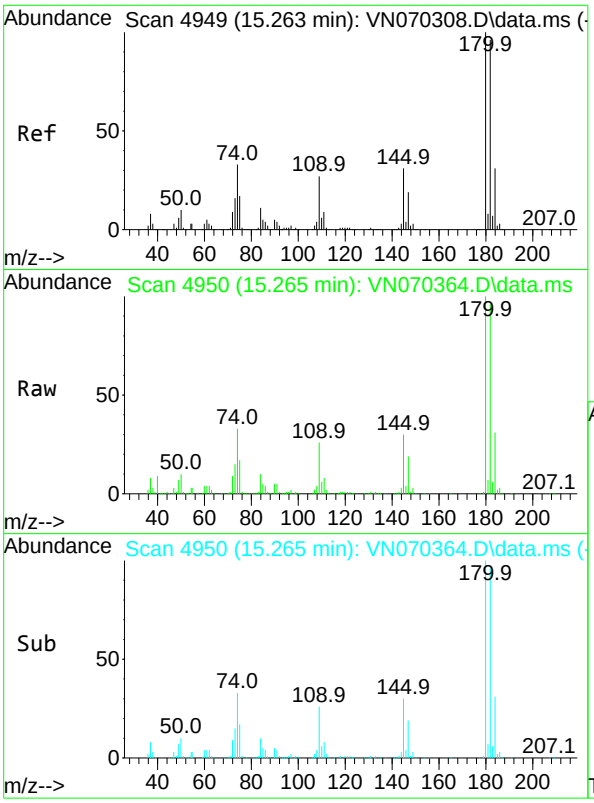


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.564 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion: 75 Resp: 191726

Ion	Ratio	Lower	Upper
75	100		
155	75.2	46.9	140.7
157	97.6	60.6	181.7

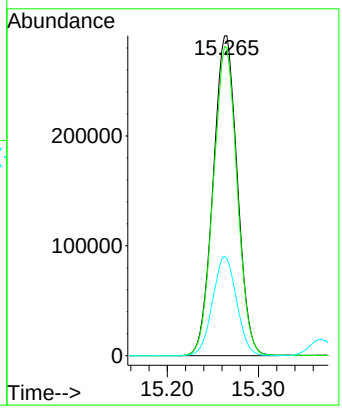




#93
1,2,4-Trichlorobenzene
Concen: 56.111 ug/l
RT: 15.265 min Scan# 4
Delta R.T. 0.002 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:180 Resp: 53550

Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.3	144.9
145	30.9	14.5	43.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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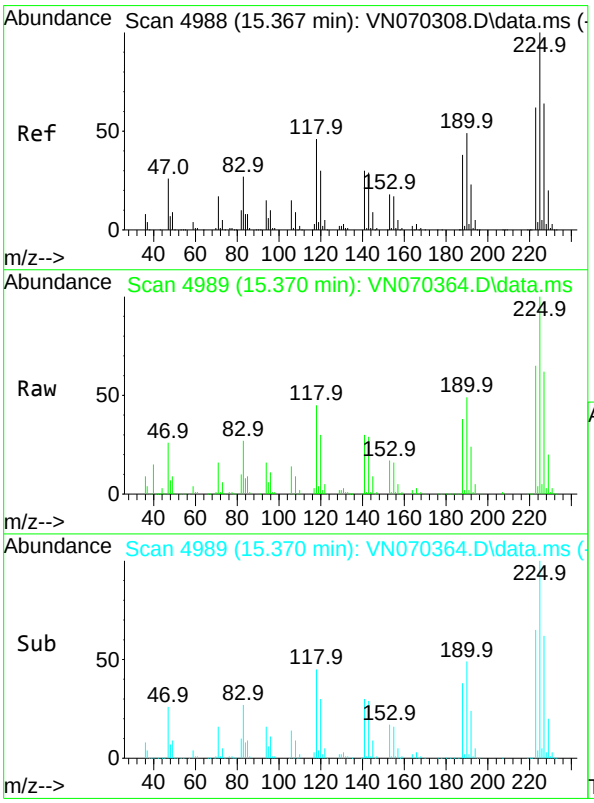
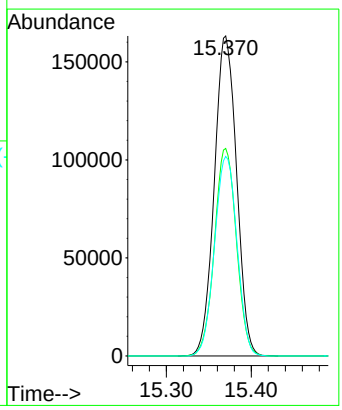
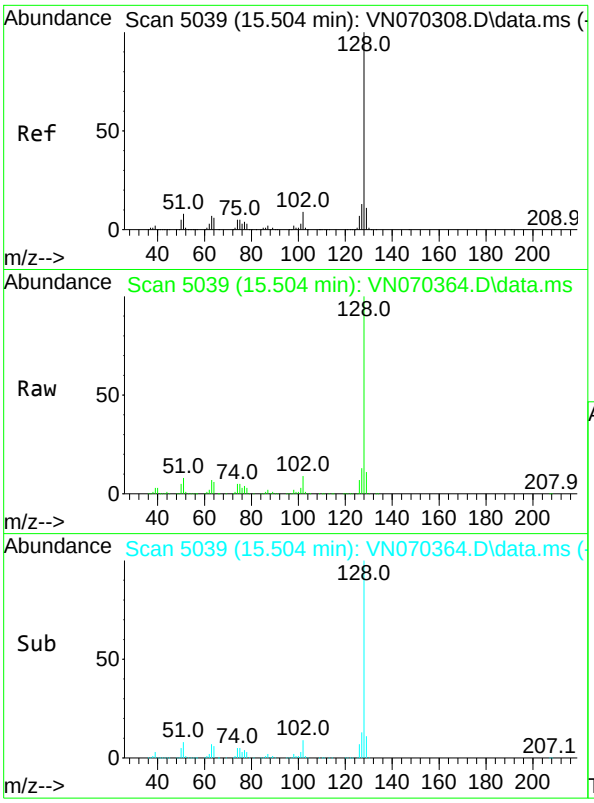


#94
Hexachlorobutadiene
Concen: 53.640 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:225 Resp: 297523

Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.9	95.7
227	62.9	32.1	96.3

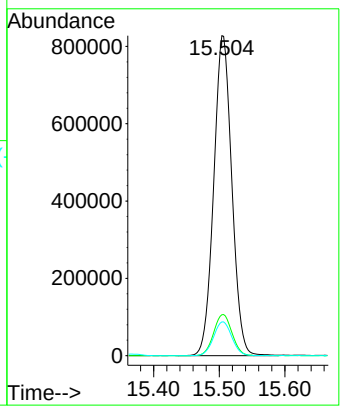




#95
Naphthalene
Concen: 59.627 ug/l
RT: 15.504 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:128 Resp: 158218

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.7	13.1



Instrument :
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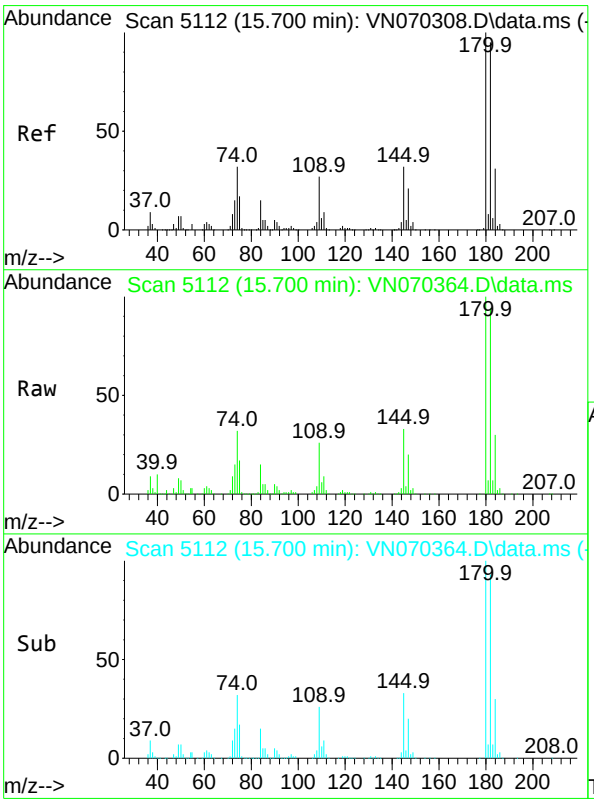
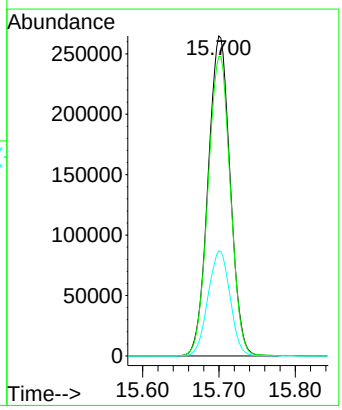


#96
1,2,3-Trichlorobenzene
Concen: 58.100 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070364.D
Acq: 29 Dec 2021 22:39

Tgt Ion:180 Resp: 531626

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.2
145	32.9	15.0	45.1