Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
Data File : VN071911.D
Acq On : 08 Apr 2022 13:31
Operator : JC\MD
Sample : VN0408WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 09 05:19:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

Supervised By :Mahesh Dadoda
04/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.657	128	84084	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.963	114	477518	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.739	117	439531	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.434	65	170007	28.697	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 95.667%				
60) 4-Bromofluorobenzene	12.727	95	188392	28.907	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.367%				
63) Toluene-d8	10.439	98	597032	29.923	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.733%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.069	85	129726	24.787	ug/l		99
3) Chloromethane	2.299	50	145571	23.599	ug/l		98
4) Vinyl Chloride	2.440	62	149643	21.154	ug/l		97
5) Bromomethane	2.852	94	97770	23.455	ug/l		99
6) Chloroethane	3.016	64	90358	19.947	ug/l		97
7) Trichlorofluoromethane	3.375	101	184888	22.417	ug/l		97
8) Diethyl Ether	3.822	74	75234	21.709	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.216	101	112576	22.792	ug/l	#	65
10) 1,1-Dichloroethene	4.187	96	106153	21.791	ug/l		95
11) Methyl Iodide	4.422	142	159723	22.376	ug/l		88
12) Methyl Acetate	4.857	43	140712	20.496	ug/l		94
13) Acrolein	4.040	56	74387	101.848	ug/l		100
14) Acrylonitrile	5.551	53	334579	107.606	ug/l		96
15) Acetone	4.287	58	131873	147.377	ug/l		81
16) Carbon Disulfide	4.534	76	287424	22.662	ug/l		98
17) Allyl chloride	4.840	41	164034	20.761	ug/l		79
18) Methylene Chloride	5.093	84	130671	22.360	ug/l		95
19) trans-1,2-Dichloroethene	5.593	96	117352	22.523	ug/l		97
20) Diisopropyl ether	6.492	45	353625	21.390	ug/l		94
21) 1,1-Dichloroethane	6.387	63	211916	21.232	ug/l		98
22) cis-1,2-Dichloroethene	7.322	96	140362	22.174	ug/l		94
23) tert-Butyl Alcohol	5.363	59	105848	95.402	ug/l	#	100
24) Methyl tert-Butyl Ether	5.610	73	373644m	21.253	ug/l		
25) Chloroform	7.816	83	218370	21.753	ug/l		98
26) Cyclohexane	8.092	56	194494	22.544	ug/l	#	99
29) 1,1-Dichloropropene	8.216	75	165393	21.399	ug/l		99
30) 2-Butanone	7.328	43	473194	109.985	ug/l		95
31) 2,2-Dichloropropane	7.322	77	174069	19.770	ug/l		99
32) 1,1,1-Trichloroethane	8.010	97	188142	20.900	ug/l		99
33) Carbon Tetrachloride	8.204	117	160251	21.030	ug/l		97
34) Benzene	8.457	78	523821	21.813	ug/l		96
35) Methacrylonitrile	7.634	41	86119	20.863	ug/l		94
36) 1,2-Dichloroethane	8.528	62	164903	19.684	ug/l	#	93
37) Trichloroethene	9.210	130	133212	21.499	ug/l		95
38) Methylcyclohexane	9.457	83	212279	21.789	ug/l		97
39) 1,2-Dichloropropane	9.486	63	129336	21.527	ug/l		97
40) Dibromomethane	9.569	93	85143	20.937	ug/l		85
41) Bromodichloromethane	9.757	83	170025	20.894	ug/l		92
42) Vinyl Acetate	6.428	43	1490561m	101.112	ug/l		

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 09 05:19:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 24 12:03:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS01

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Ethyl Acetate	7.410	43	177903	21.324	ug/l		96
44) Isopropyl Acetate	8.557	43	254160	18.995	ug/l		90
45) 1,4-Dioxane	9.563	88	56148	415.910	ug/l	#	92
46) Methyl methacrylate	9.557	41	112242	19.129	ug/l		77
47) n-amyl Acetate	12.386	43	158214m	17.719	ug/l		
48) t-1,3-Dichloropropene	10.716	75	178191	20.146	ug/l		100
49) cis-1,3-Dichloropropene	10.186	75	200409	20.719	ug/l	#	82
50) 1,1,2-Trichloroethane	10.892	97	132603	21.812	ug/l		98
51) Ethyl methacrylate	10.757	69	195108	20.786	ug/l		79
52) 1,3-Dichloropropane	11.039	76	222793	21.460	ug/l		99
53) Dibromochloromethane	11.233	129	134805	21.421	ug/l		99
54) 1,2-Dibromoethane	11.339	107	133761	21.390	ug/l		98
55) 2-Chloroethyl vinyl ether	10.039	63	204587	80.894	ug/l		99
56) Bromoform	12.457	173	100816	20.777	ug/l	#	100
58) 4-Methyl-2-Pentanone	10.328	43	836169	100.217	ug/l		91
59) 2-Hexanone	11.080	43	614268	100.836	ug/l		88
61) Tetrachloroethene	10.975	164	123645	23.114	ug/l		89
62) Toluene	10.498	91	585653	21.974	ug/l		97
64) Chlorobenzene	11.769	112	354482	21.563	ug/l		100
65) 1,1,1,2-Tetrachloroethane	11.839	131	127283	21.106	ug/l		98
66) Ethyl Benzene	11.839	91	615580	21.254	ug/l		96
67) m/p-Xylenes	11.951	106	486459	43.175	ug/l		94
68) o-Xylene	12.274	106	238290	21.278	ug/l		94
69) Styrene	12.292	104	364623	20.688	ug/l		96
70) Isopropylbenzene	12.574	105	599091	21.314	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.822	83	188670	20.624	ug/l		99
72) 1,2,3-Trichloropropane	12.880	75	165094m	21.007	ug/l		
73) Bromobenzene	12.857	156	138015	20.128	ug/l		96
74) n-propylbenzene	12.916	91	630772	20.562	ug/l		97
75) 2-Chlorotoluene	13.004	91	394508	20.579	ug/l		99
76) 1,3,5-Trimethylbenzene	13.057	105	477999	21.197	ug/l		95
77) t-1,4-Dichloro-2-butene	12.622	75	48426	17.549	ug/l		91
78) 4-Chlorotoluene	13.098	91	356515	19.912	ug/l		99
79) tert-butylbenzene	13.321	119	427130	20.990	ug/l		93
80) 1,2,4-Trimethylbenzene	13.363	105	452659m	20.689	ug/l		
81) sec-Butylbenzene	13.498	105	561924	20.552	ug/l		97
82) p-Isopropyltoluene	13.610	119	450811	20.293	ug/l		96
83) 1,3-Dichlorobenzene	13.610	146	225818	20.126	ug/l		98
84) 1,4-Dichlorobenzene	13.692	146	212705	19.862	ug/l		98
85) n-Butylbenzene	13.939	91	309072	18.731	ug/l		95
86) Hexachloroethane	14.204	117	81806	19.720	ug/l		76
87) 1,2-Dichlorobenzene	13.986	146	223061	20.564	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	29056	17.851	ug/l	#	77
89) 1,2,4-Trichlorobenzene	15.257	180	99291	19.802	ug/l		97
90) Hexachlorobutadiene	15.363	225	64930	21.853	ug/l		98
91) Naphthalene	15.504	128	259246	20.303	ug/l		99
92) 1,2,3-Trichlorobenzene	15.698	180	100119	20.359	ug/l		97

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

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Sample : VN0408WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

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Instrument :
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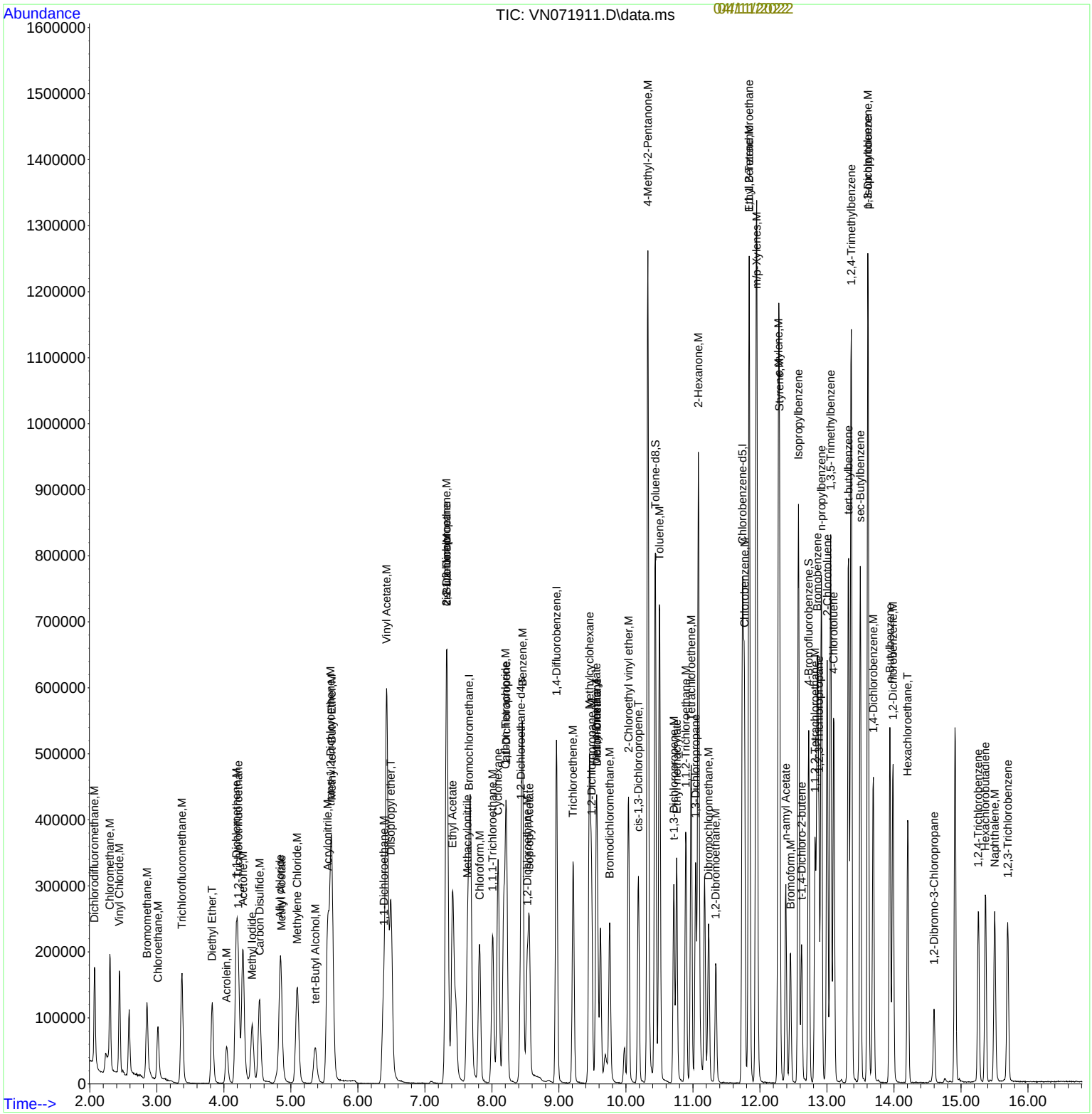
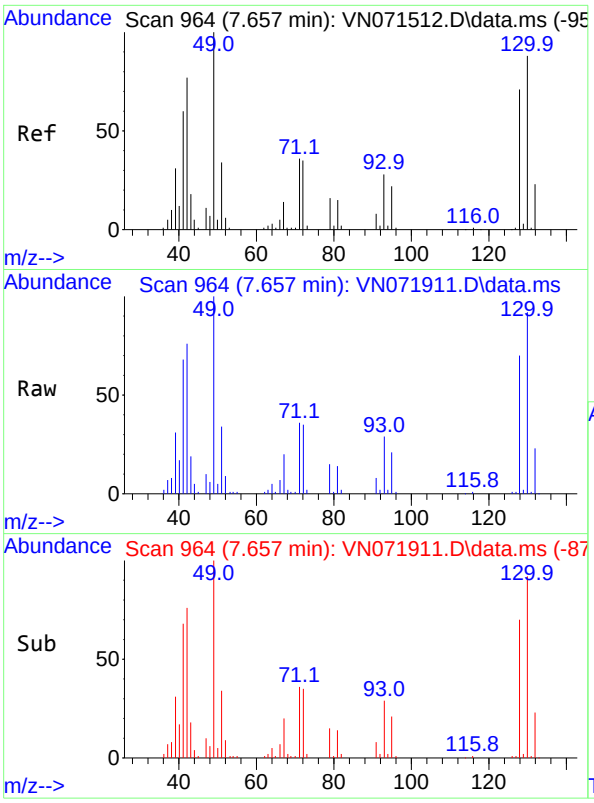
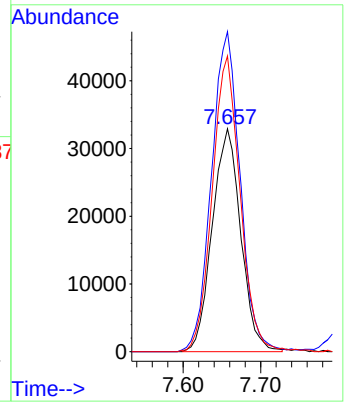




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:128 Resp: 8408

Ion	Ratio	Lower	Upper
128	100		
49	144.0	0.0	392.3
130	129.6	0.0	320.2



Instrument :
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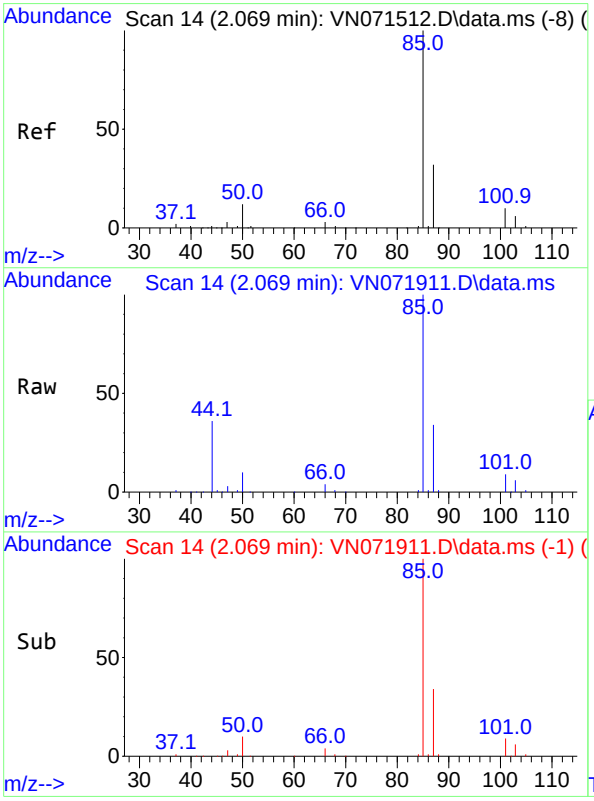
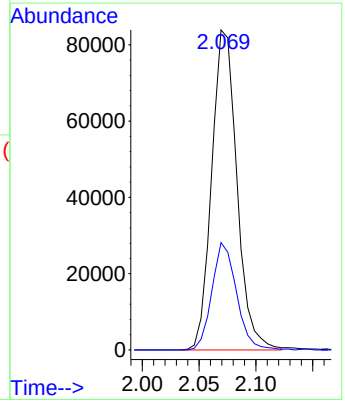
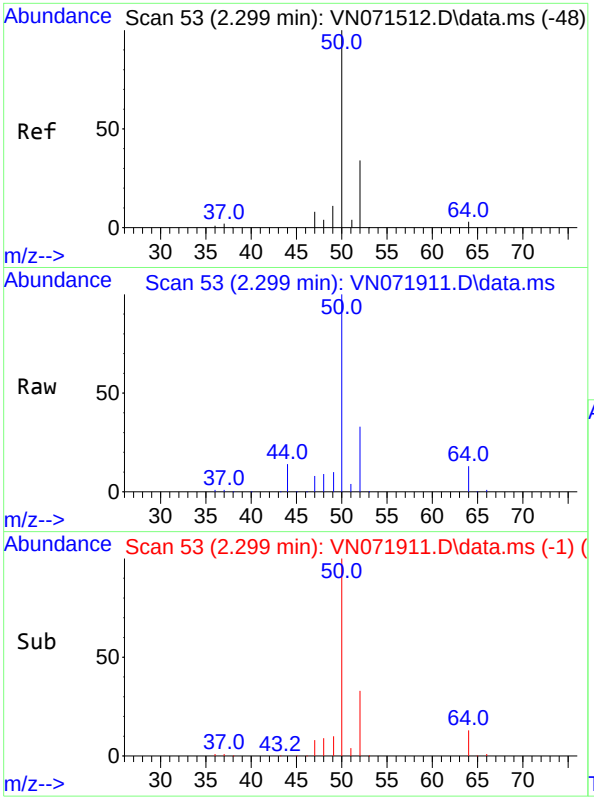


#2
Dichlorodifluoromethane
Concen: 24.787 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 85 Resp: 129726

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.6	49.7

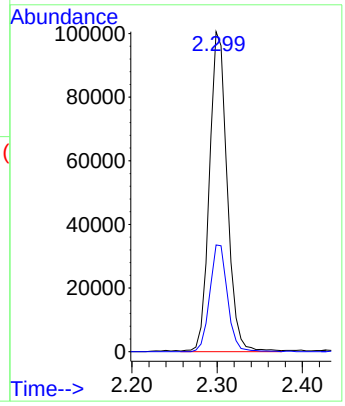




#3
Chloromethane
Concen: 23.599 ug/l
RT: 2.299 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 50 Resp: 14557

Ion	Ratio	Lower	Upper
50	100		
52	33.4	27.8	41.6



Instrument :
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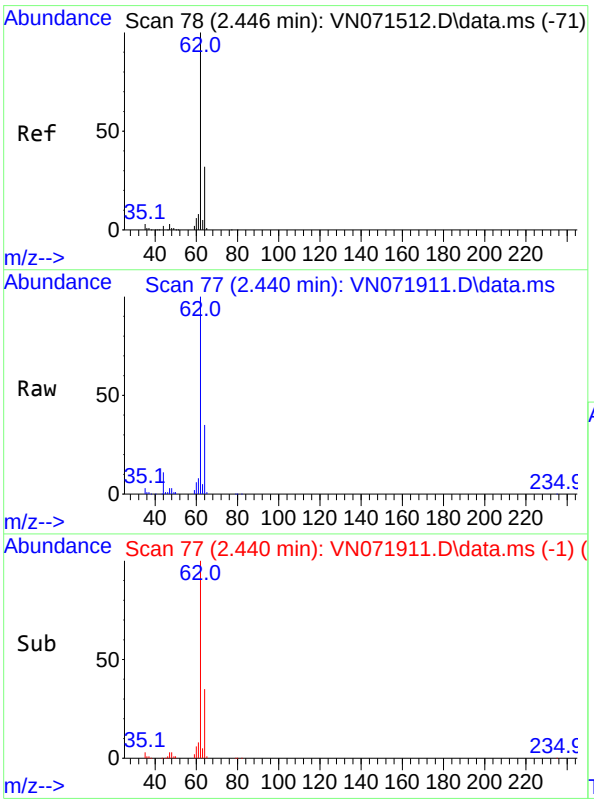
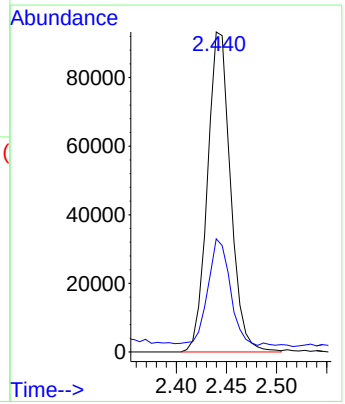
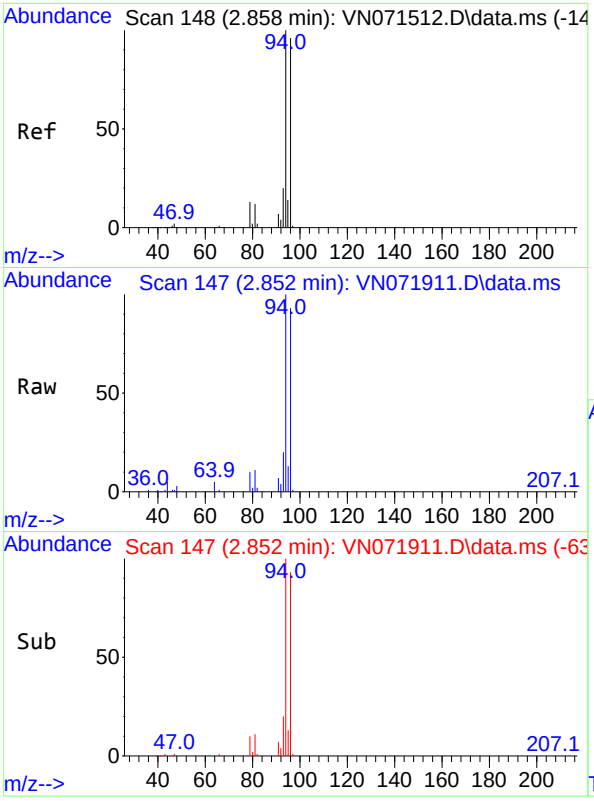


#4
Vinyl Chloride
Concen: 21.154 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 62 Resp: 149643

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.1	37.7

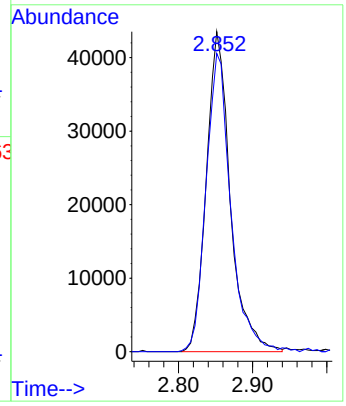




#5
Bromomethane
Concen: 23.455 ug/l
RT: 2.852 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 94 Resp: 9777

Ion	Ratio	Lower	Upper
94	100		
96	92.8	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS01

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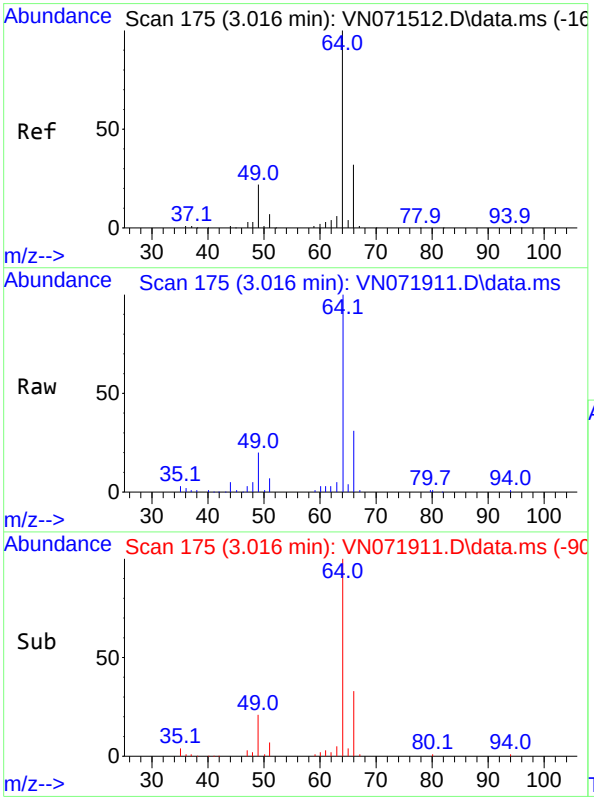
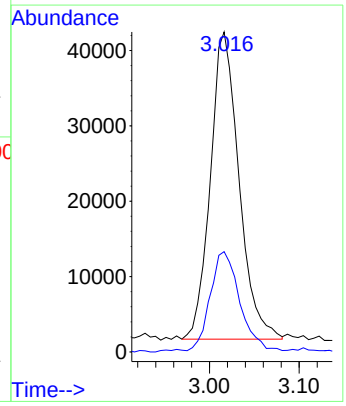
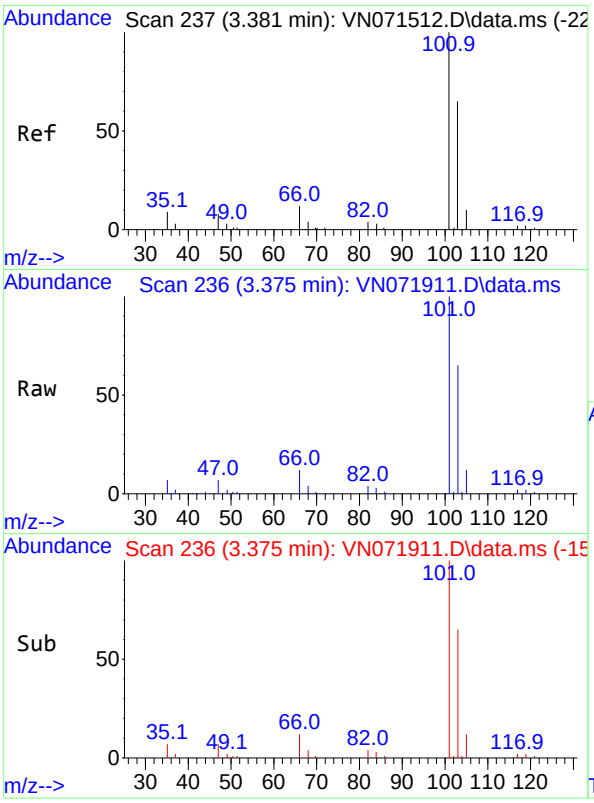


#6
Chloroethane
Concen: 19.947 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 64 Resp: 90358

Ion	Ratio	Lower	Upper
64	100		
66	32.2	24.6	36.8

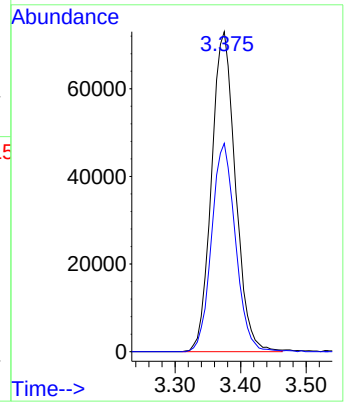




#7
Trichlorofluoromethane
Concen: 22.417 ug/l
RT: 3.375 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:101 Resp: 18488

Ion	Ratio	Lower	Upper
101	100		
103	65.1	50.1	75.1



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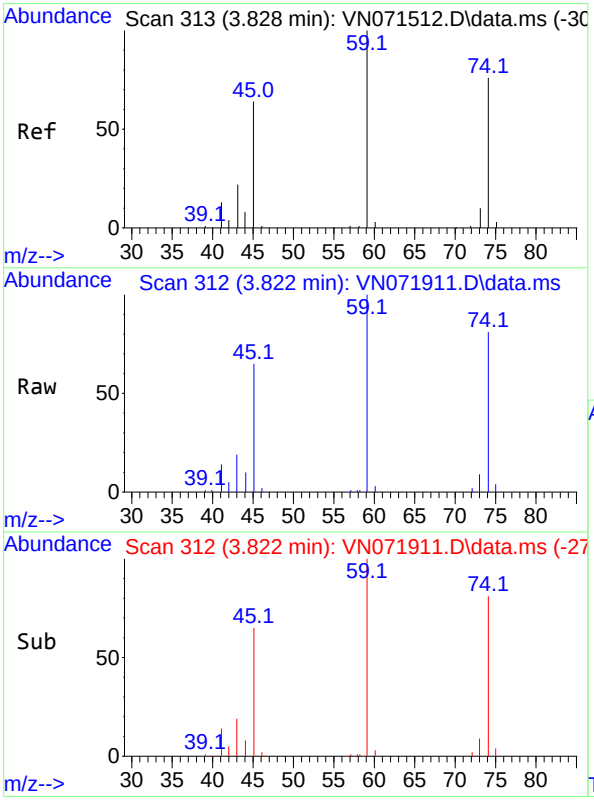
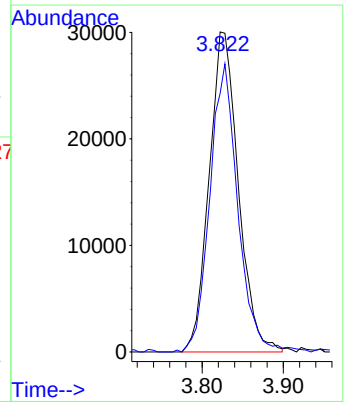
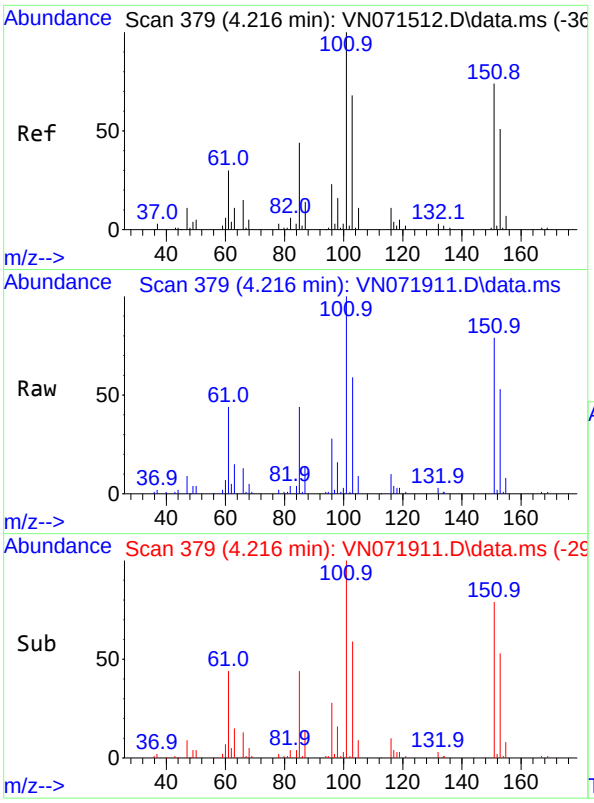


#8
Diethyl Ether
Concen: 21.709 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 74 Resp: 75234

Ion	Ratio	Lower	Upper
74	100		
45	85.5	17.6	158.8

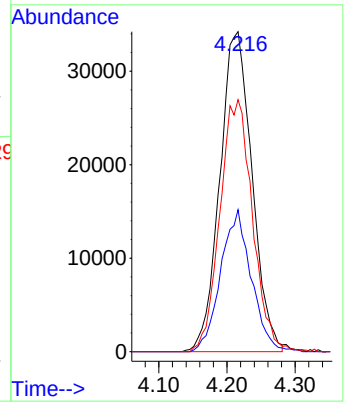




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.792 ug/l
RT: 4.216 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:101 Resp: 11257

Ion	Ratio	Lower	Upper
101	100		
85	42.2	0.0	94.0
151	79.4	0.0	74.6



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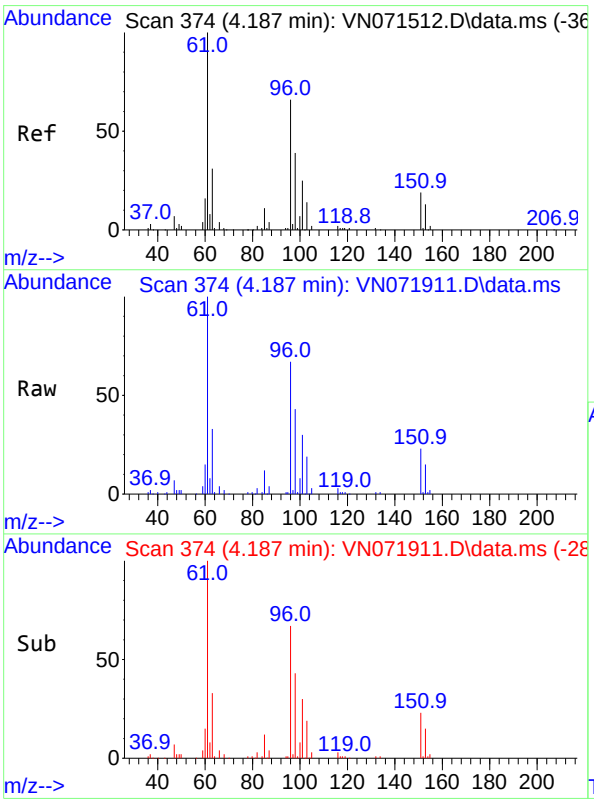
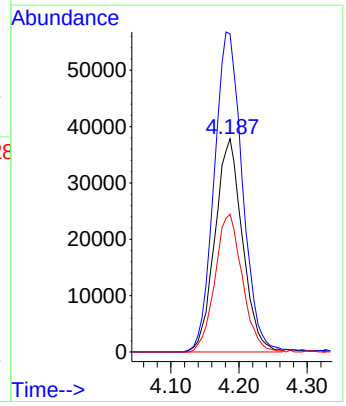
04/11/2022

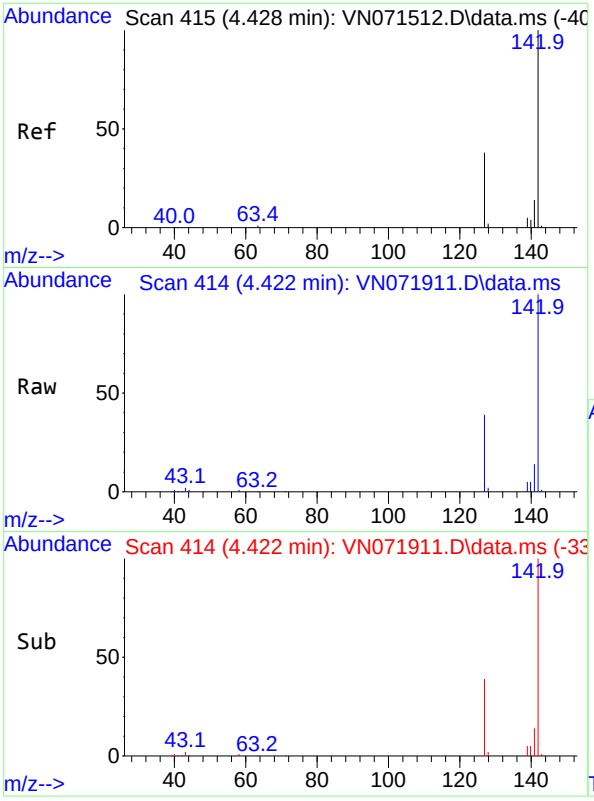


#10
1,1-Dichloroethene
Concen: 21.791 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 96 Resp: 106153

Ion	Ratio	Lower	Upper
96	100		
61	149.2	126.2	189.4
98	64.6	50.9	76.3

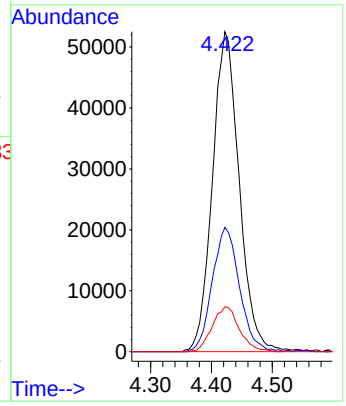




#11
Methyl Iodide
Concen: 22.376 ug/l
RT: 4.422 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:142 Resp: 15972

Ion	Ratio	Lower	Upper
142	100		
127	39.0	24.0	72.0
141	14.1	8.4	25.2



Instrument :
MSVOA_N
ClientSampleId :
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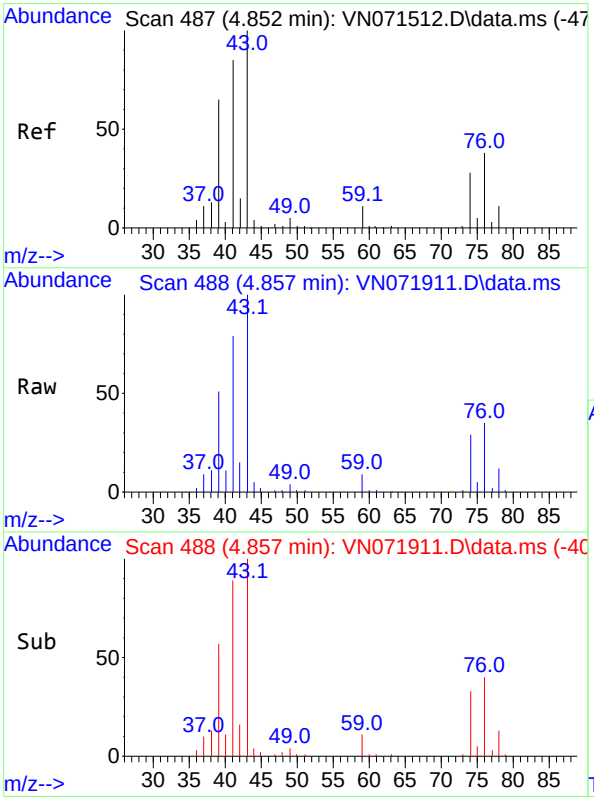
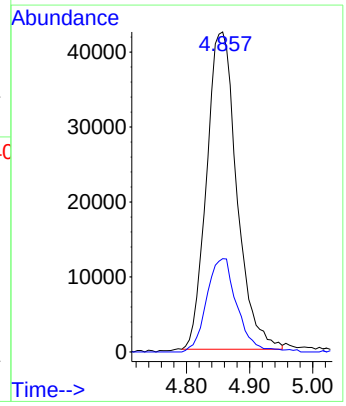
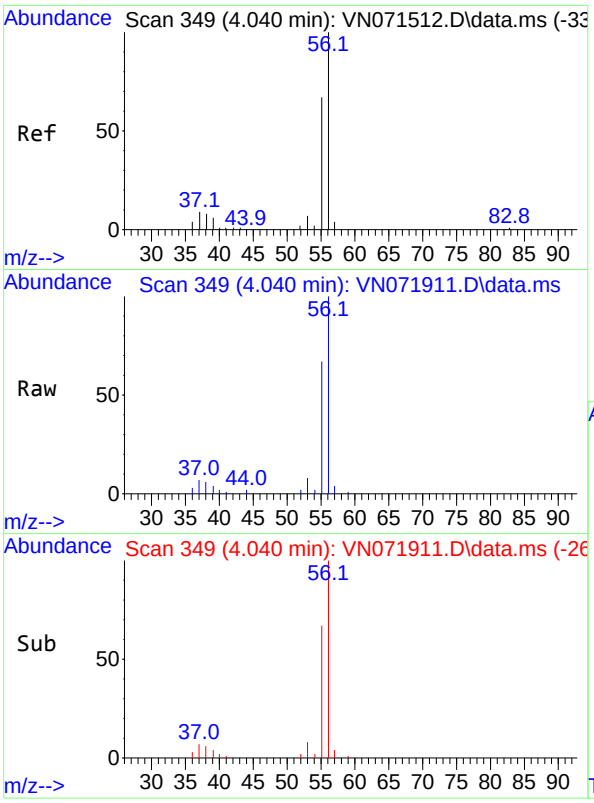


#12
Methyl Acetate
Concen: 20.496 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 43 Resp: 140712

Ion	Ratio	Lower	Upper
43	100		
74	29.3	20.8	31.2

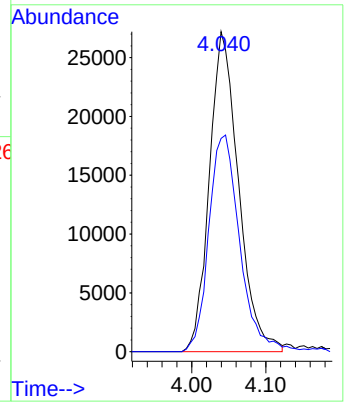




#13
Acrolein
Concen: 101.848 ug/l
RT: 4.040 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 56 Resp: 7438

Ion	Ratio	Lower	Upper
56	100		
55	72.0	57.6	86.4



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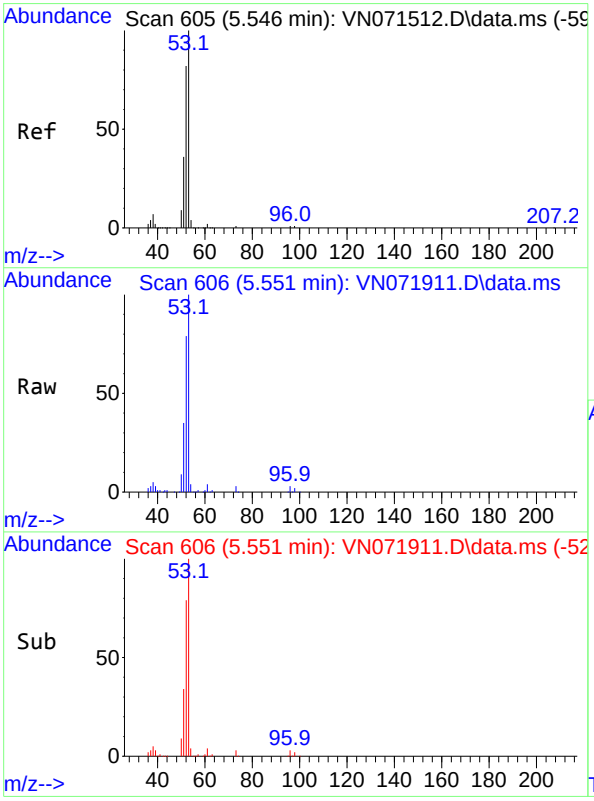
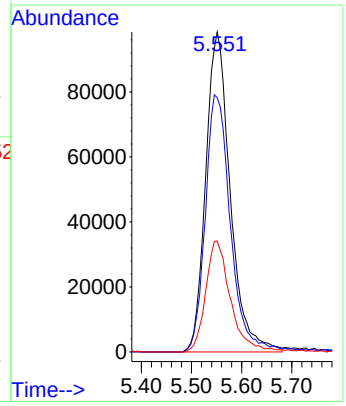
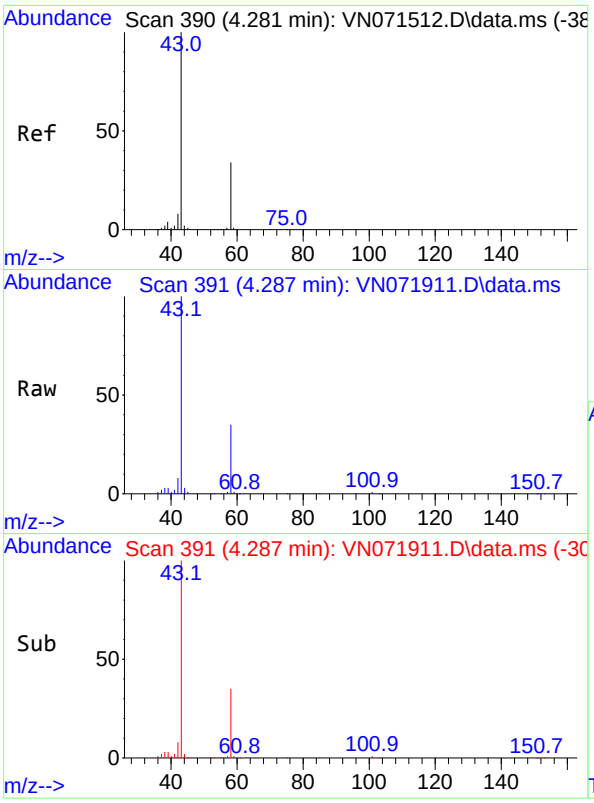


#14
Acrylonitrile
Concen: 107.606 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 53 Resp: 334579

Ion	Ratio	Lower	Upper
53	100		
52	80.4	41.8	125.4
51	34.5	19.0	57.0

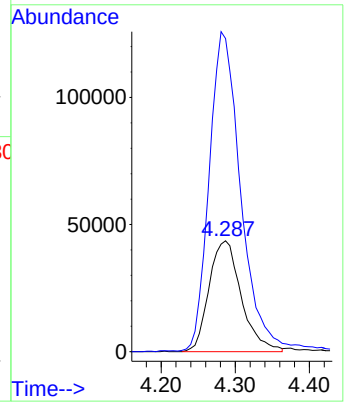




#15
Acetone
Concen: 147.377 ug/l
RT: 4.287 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 58 Resp: 13187

Ion	Ratio	Lower	Upper
58	100		
43	281.0	256.6	384.8



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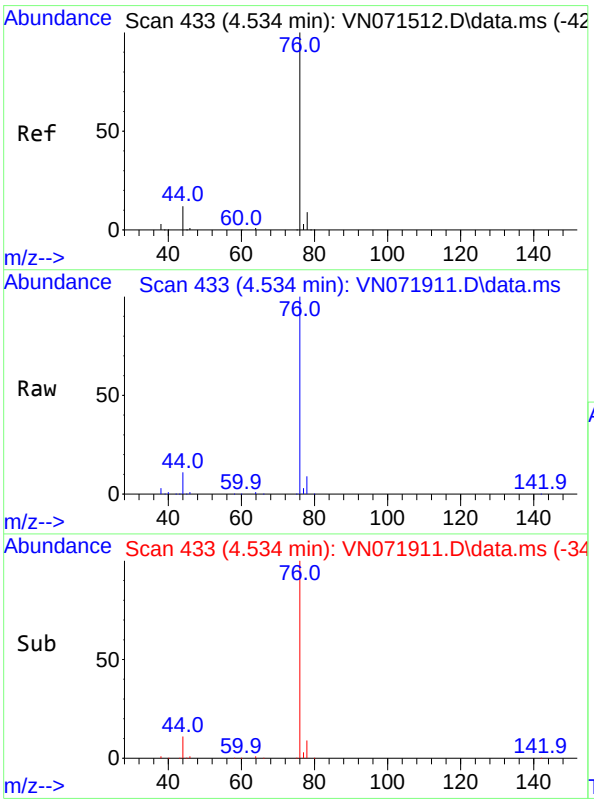
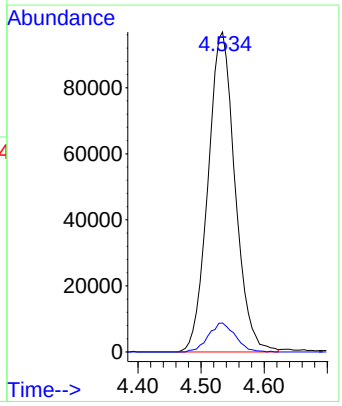
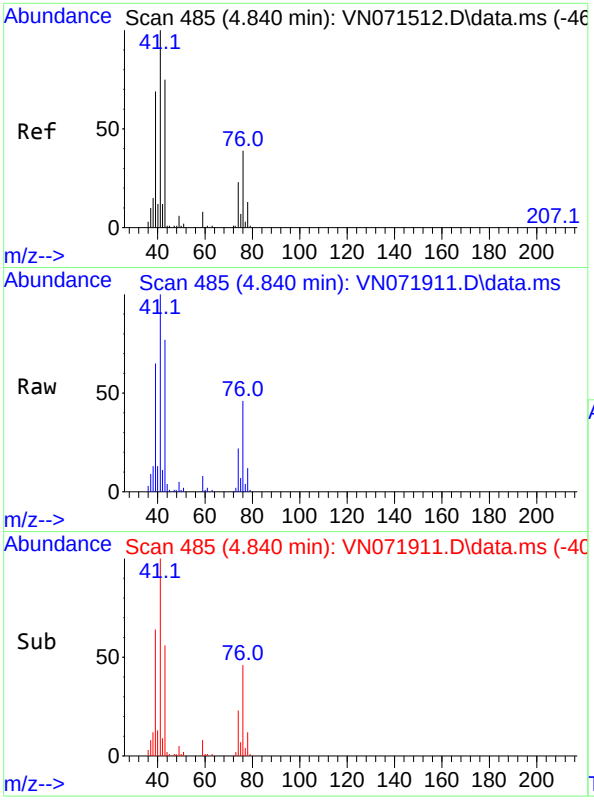


#16
Carbon Disulfide
Concen: 22.662 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 76 Resp: 287424

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.8	11.8

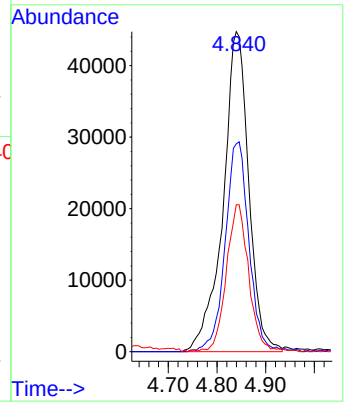




#17
Allyl chloride
Concen: 20.761 ug/l
RT: 4.840 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 41 Resp: 16403

Ion	Ratio	Lower	Upper
41	100		
39	64.9	44.6	134.0
76	45.9	19.6	58.7



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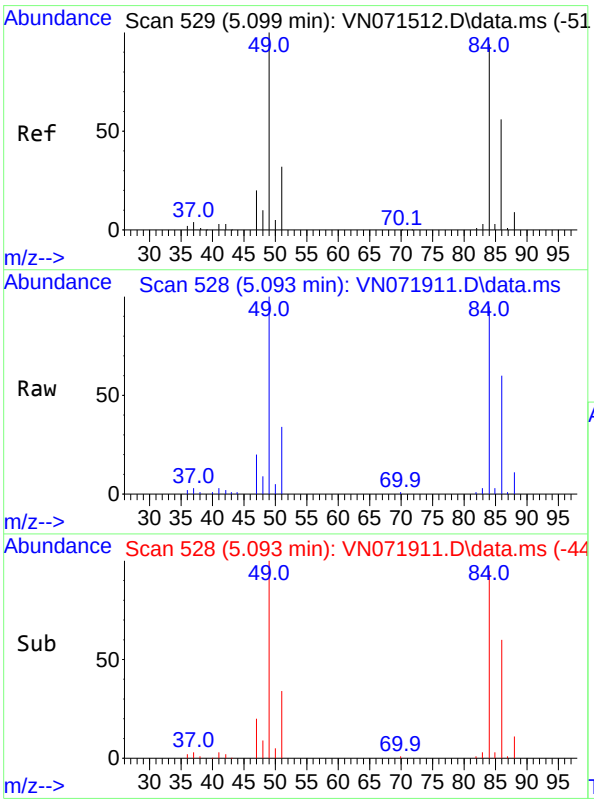
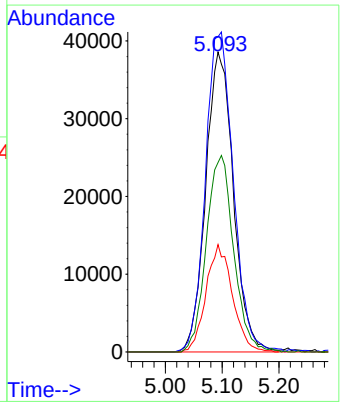
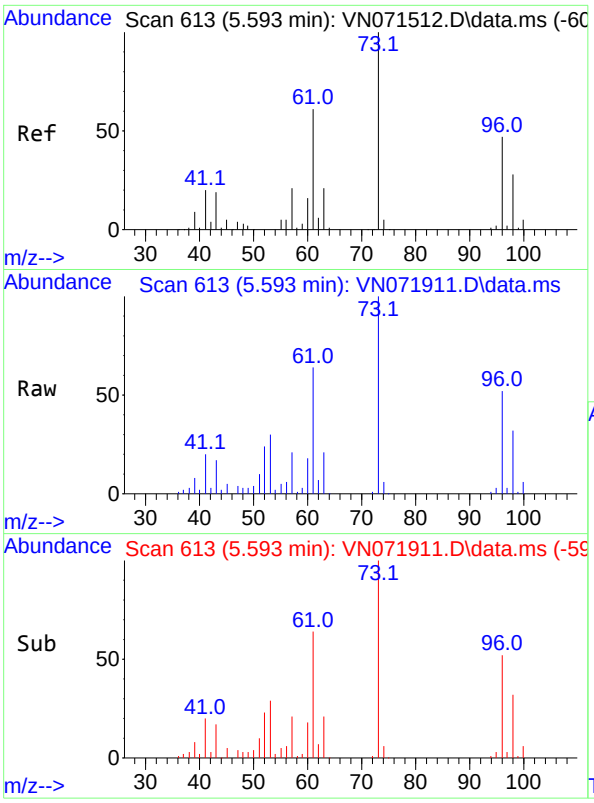


#18
Methylene Chloride
Concen: 22.360 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 84 Resp: 130671

Ion	Ratio	Lower	Upper
84	100		
49	104.7	91.4	137.0
51	35.8	29.4	44.0
86	63.2	51.1	76.7

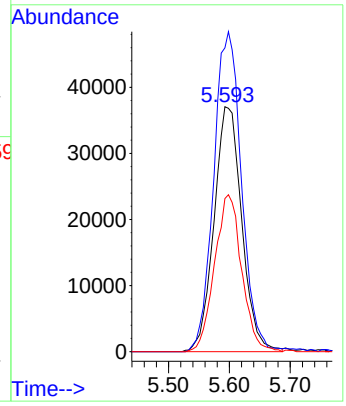




#19
trans-1,2-Dichloroethene
Concen: 22.523 ug/l
RT: 5.593 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 96 Resp: 11735

Ion	Ratio	Lower	Upper
96	100		
61	124.0	102.8	154.2
98	62.5	49.3	73.9



Instrument :
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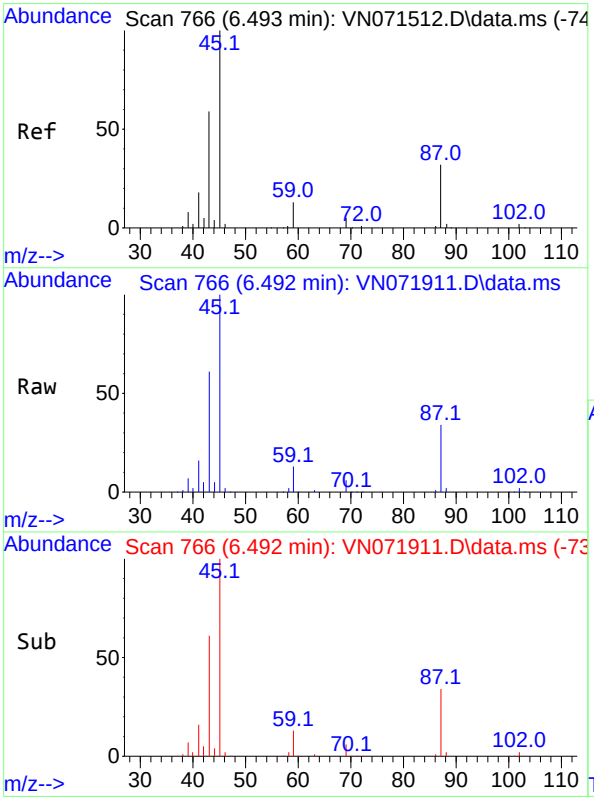
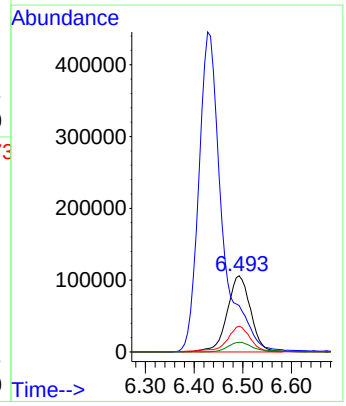
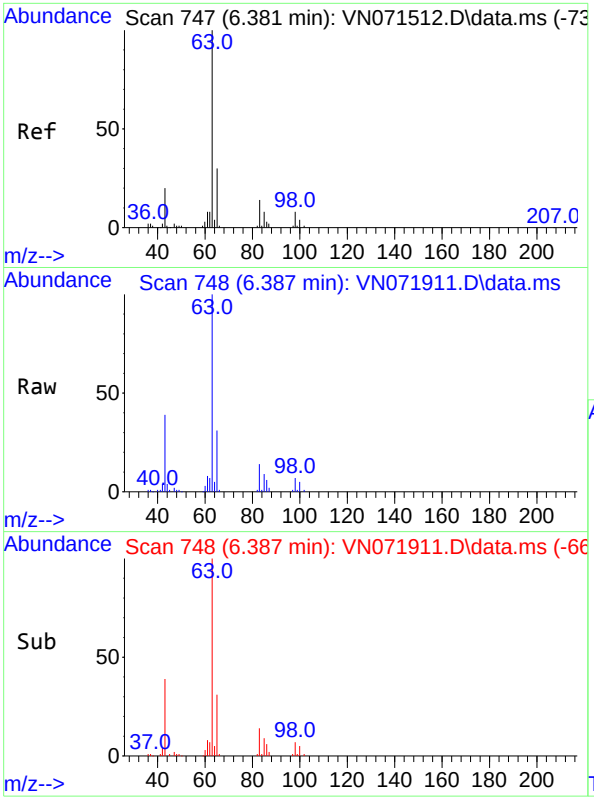


#20
Diisopropyl ether
Concen: 21.390 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 45 Resp: 353625

Ion	Ratio	Lower	Upper
45	100		
43	58.1	51.0	76.4
87	33.5	25.0	37.4
59	12.4	8.7	13.1

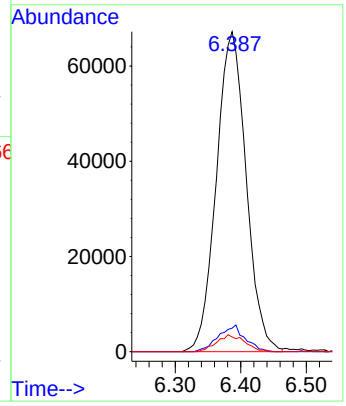




#21
1,1-Dichloroethane
Concen: 21.232 ug/l
RT: 6.387 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 63 Resp: 21191

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.2	9.6
100	4.6	2.1	6.2



Instrument :
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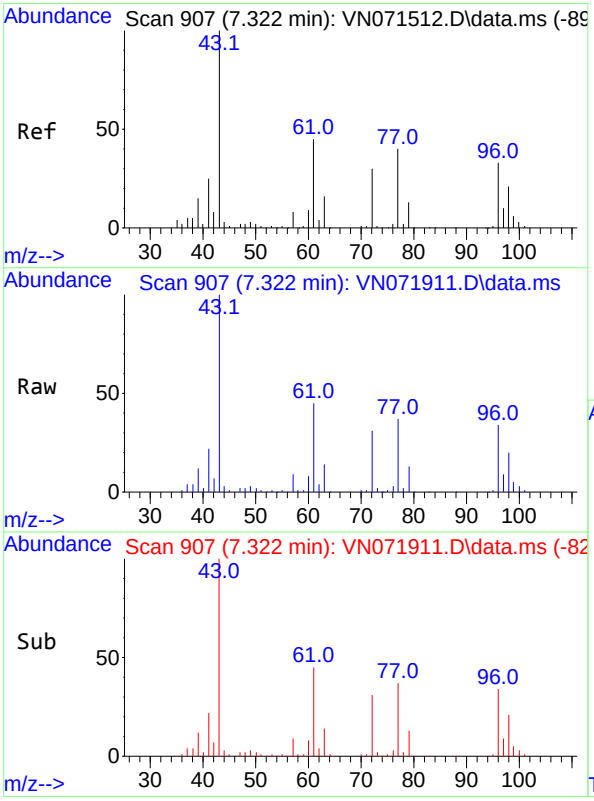
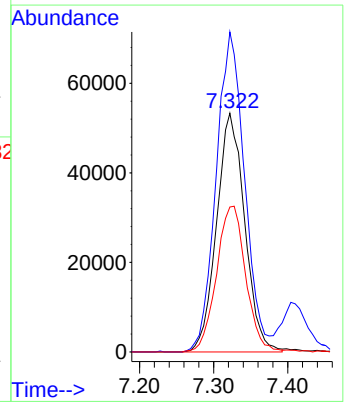
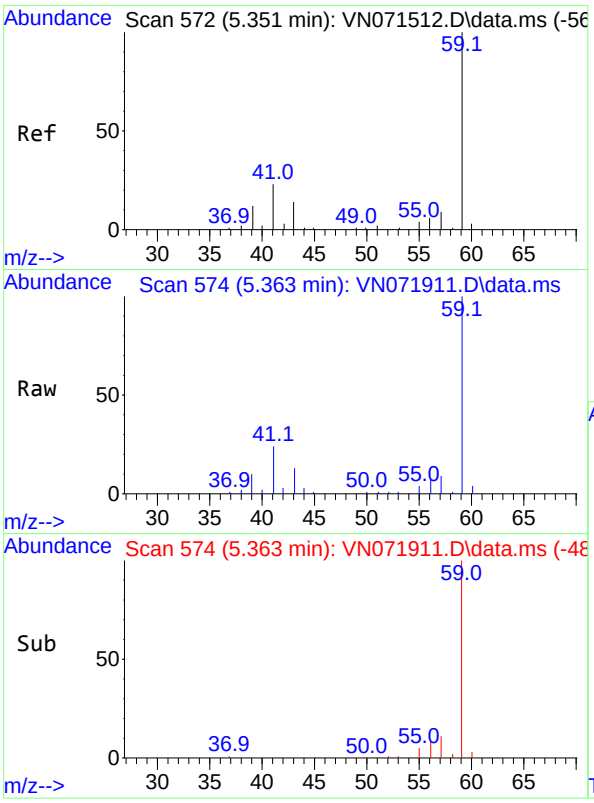


#22
cis-1,2-Dichloroethene
Concen: 22.174 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 96 Resp: 140362

Ion	Ratio	Lower	Upper
96	100		
61	135.4	115.7	173.5
98	63.4	51.6	77.4

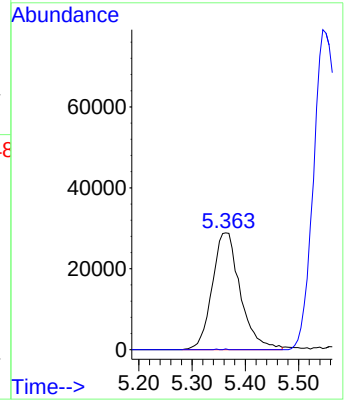




#23
tert-Butyl Alcohol
Concen: 95.402 ug/l
RT: 5.363 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 59 Resp: 10584

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0



Instrument :
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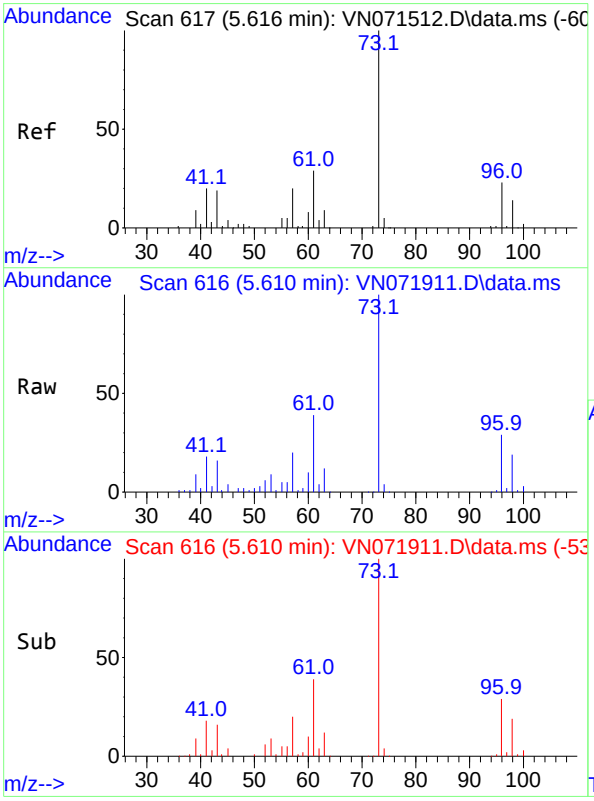
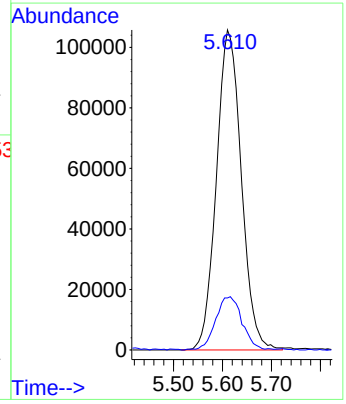
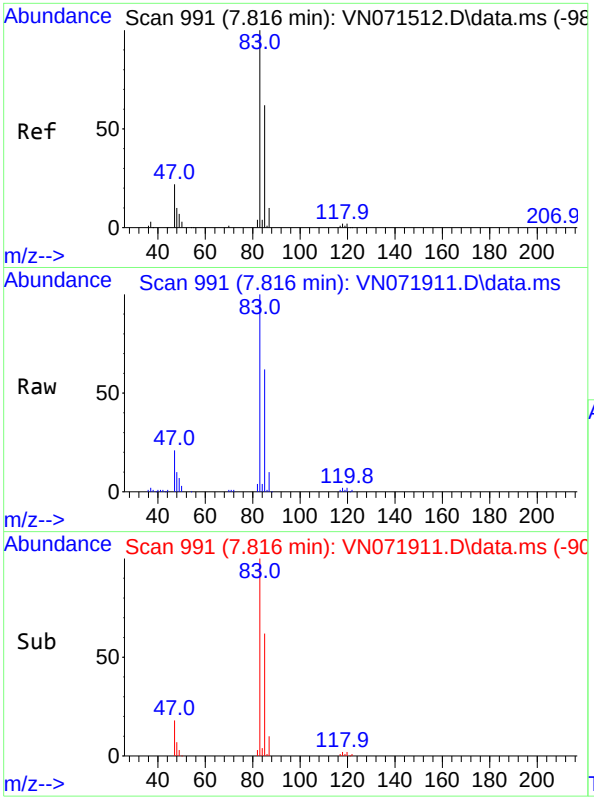


#24
Methyl tert-Butyl Ether
Concen: 21.253 ug/l m
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 73 Resp: 373644

Ion	Ratio	Lower	Upper
73	100		
43	0.0	18.1	27.1#

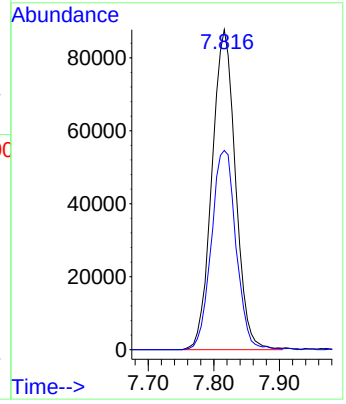




#25
Chloroform
Concen: 21.753 ug/l
RT: 7.816 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 83 Resp: 21837

Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.3	76.9



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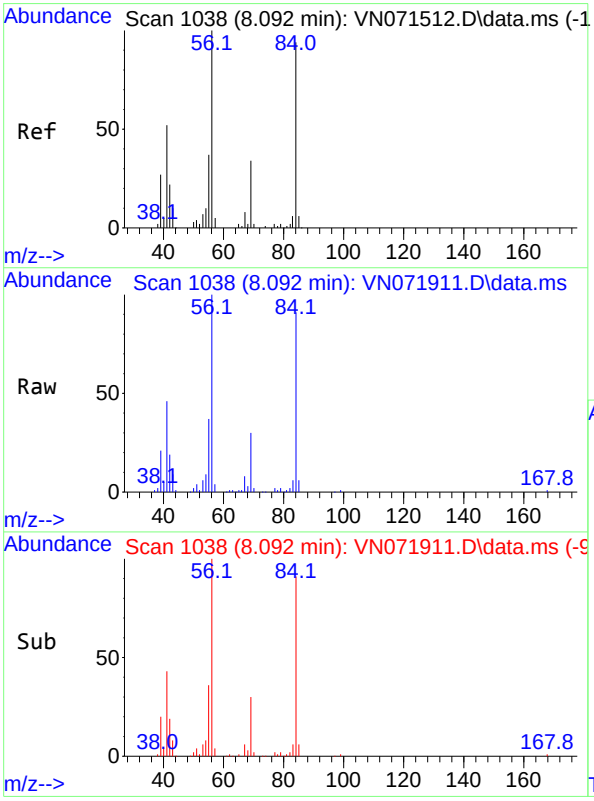
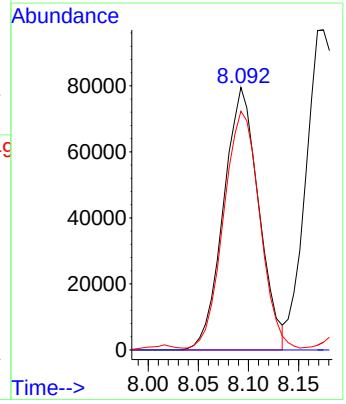
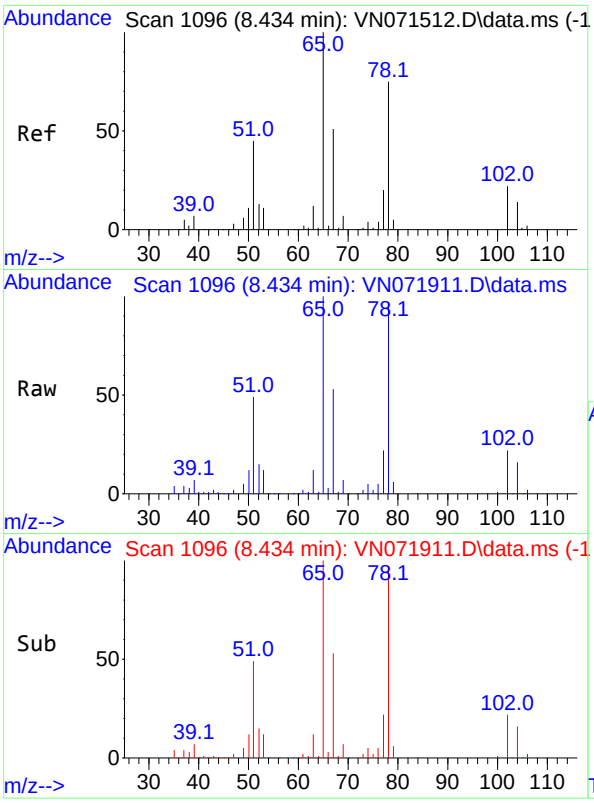


#26
Cyclohexane
Concen: 22.544 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 56 Resp: 194494

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	93.8	74.6	111.8

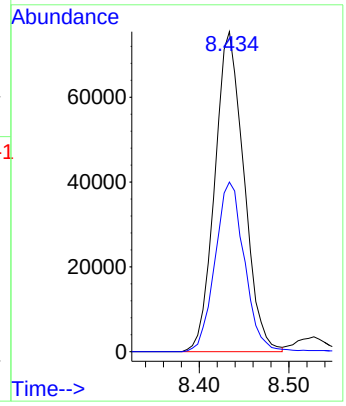




#27
1,2-Dichloroethane-d4
Concen: 28.697 ug/l
RT: 8.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 65 Resp: 17000

Ion	Ratio	Lower	Upper
65	100		
67	53.5	40.2	60.2



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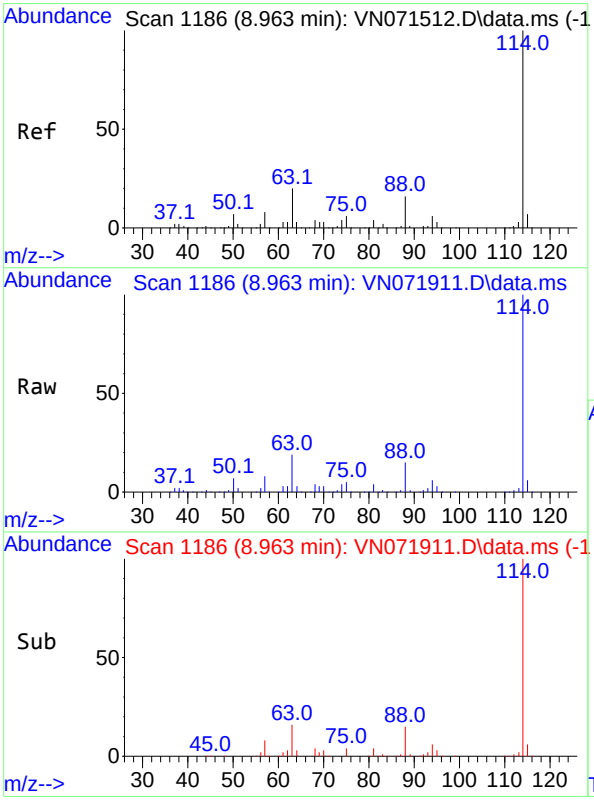
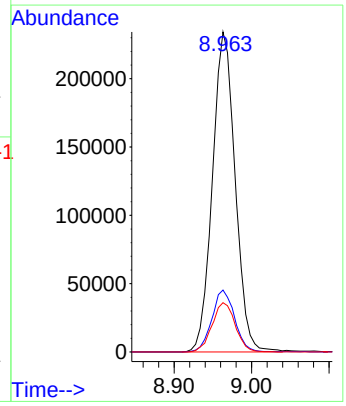
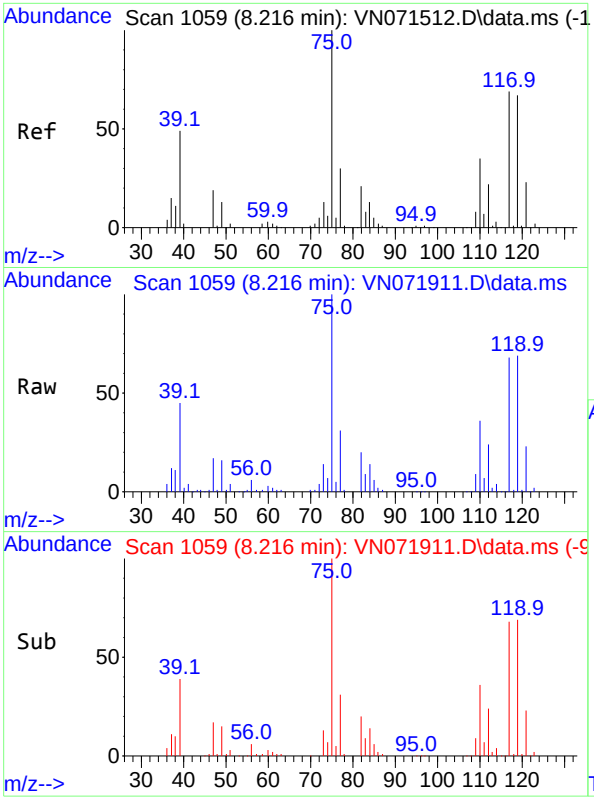


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:114 Resp: 477518

Ion	Ratio	Lower	Upper
114	100		
63	19.4	15.8	23.6
88	15.7	11.6	17.4

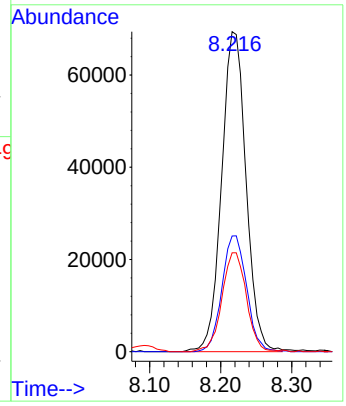




#29
1,1-Dichloropropene
Concen: 21.399 ug/l
RT: 8.216 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 75 Resp: 16539

Ion	Ratio	Lower	Upper
75	100		
110	36.7	0.0	74.2
77	31.1	0.0	63.2



Instrument :
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ClientSampleId :
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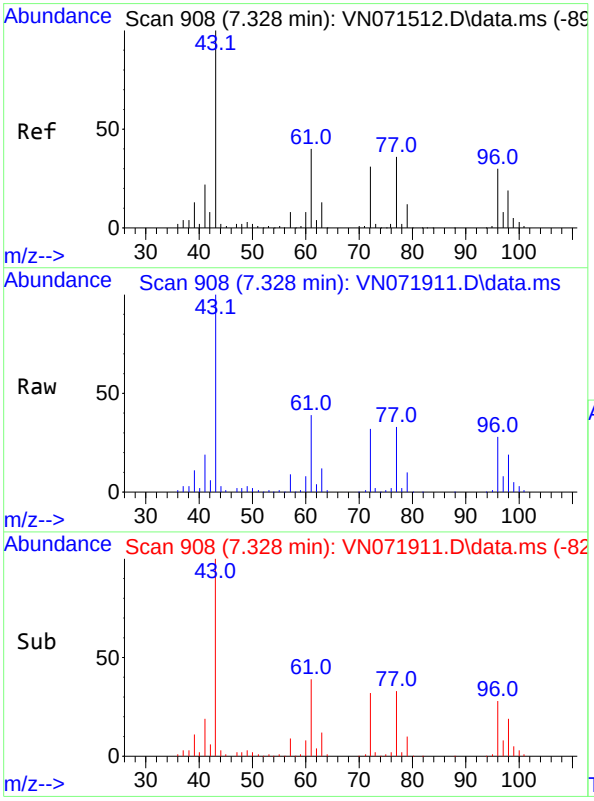
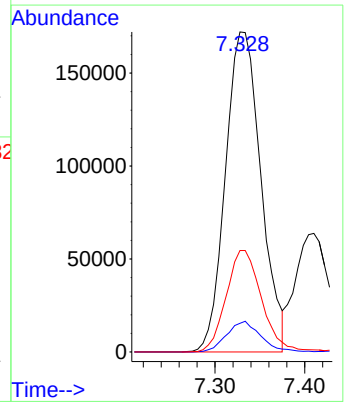
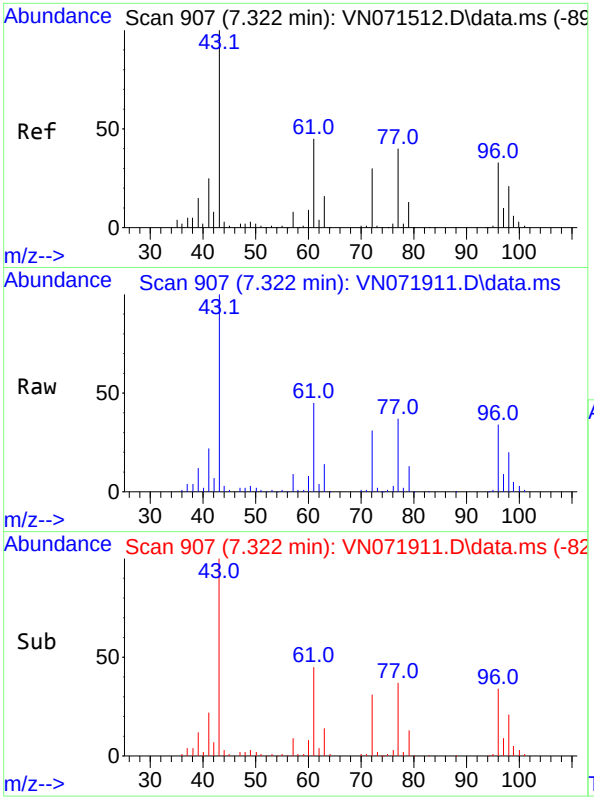


#30
2-Butanone
Concen: 109.985 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 43 Resp: 473194

Ion	Ratio	Lower	Upper
43	100		
57	9.3	6.7	10.1
72	31.7	23.2	34.8

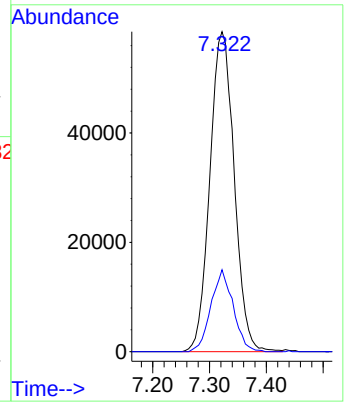




#31
2,2-Dichloropropane
Concen: 19.770 ug/l
RT: 7.322 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 77 Resp: 17406

Ion	Ratio	Lower	Upper
77	100		
97	23.4	18.3	27.5



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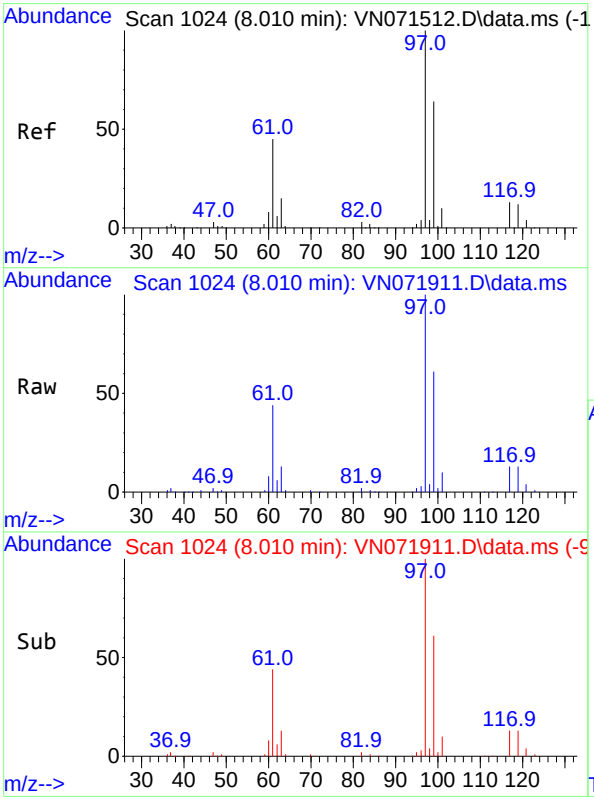
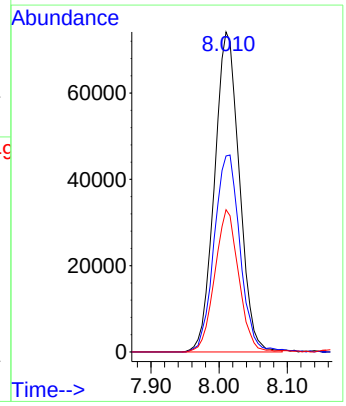
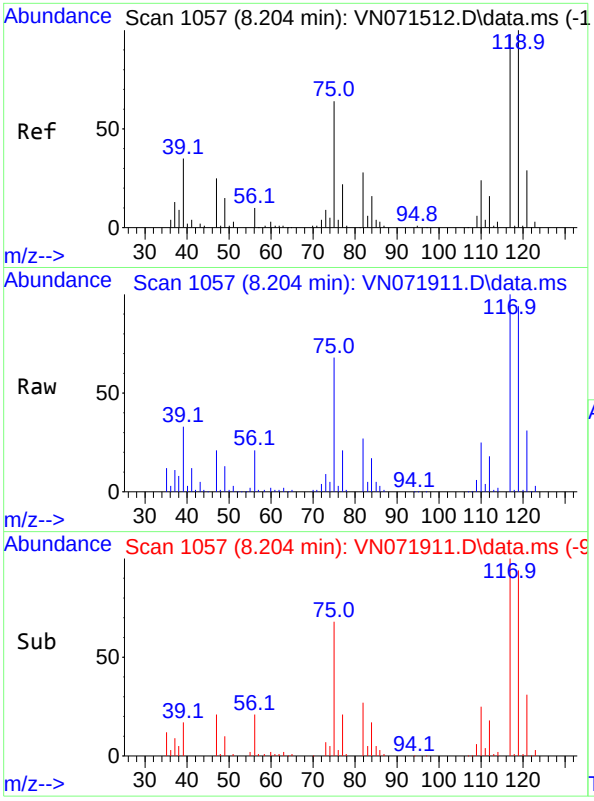


#32
1,1,1-Trichloroethane
Concen: 20.900 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 97 Resp: 188142

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.4	75.6
61	42.9	34.6	51.8

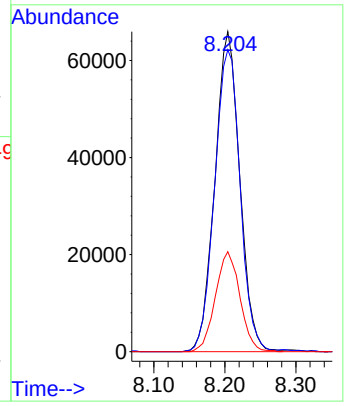




#33
Carbon Tetrachloride
Concen: 21.030 ug/l
RT: 8.204 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:117 Resp: 16025

Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.5	116.3
121	31.3	23.5	35.3



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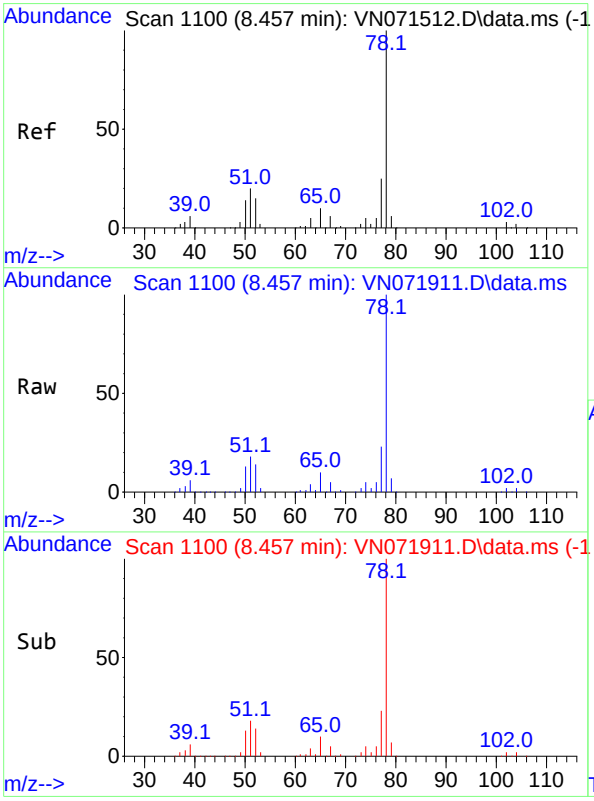
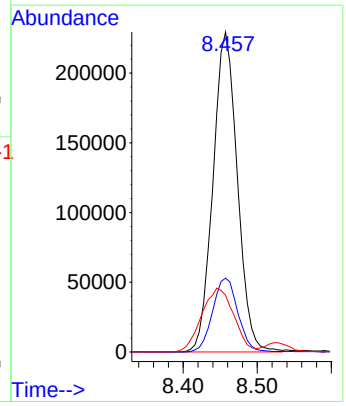
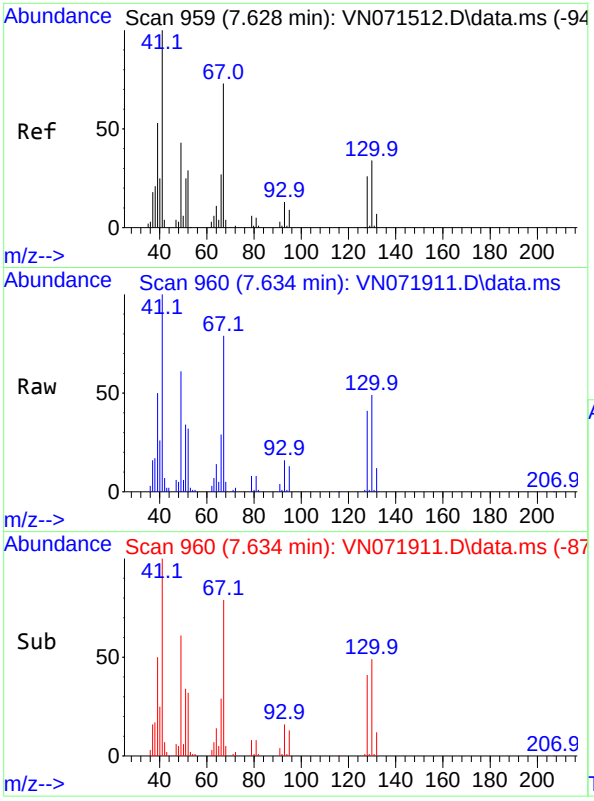


#34
Benzene
Concen: 21.813 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 78 Resp: 523821

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7
51	17.0	16.0	24.0

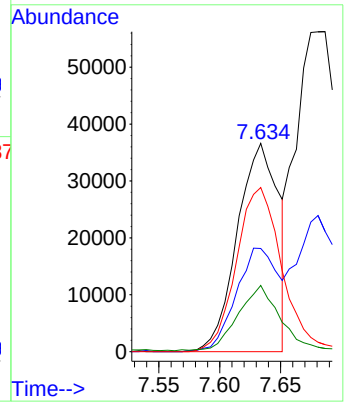




#35
Methacrylonitrile
Concen: 20.863 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 41 Resp: 8611

Ion	Ratio	Lower	Upper
41	100		
39	49.5	28.0	83.9
67	78.8	37.7	113.1
52	30.9	17.1	51.2



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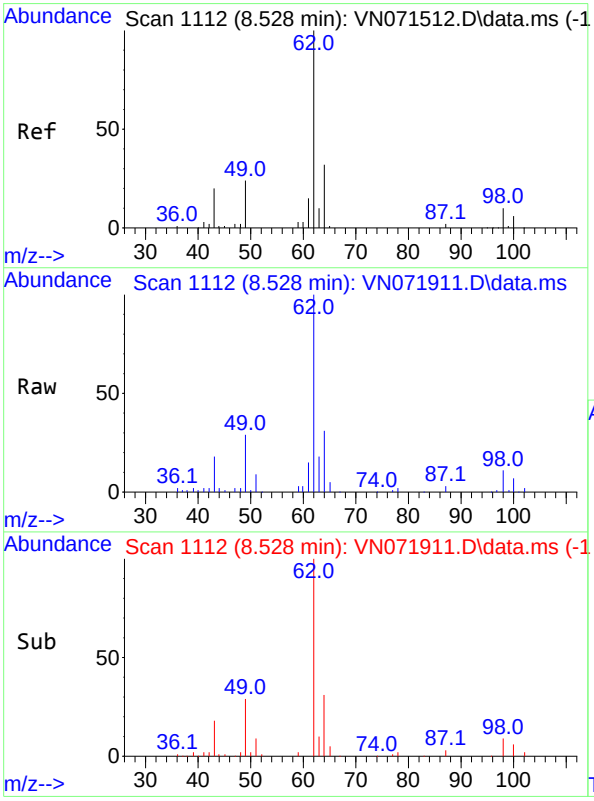
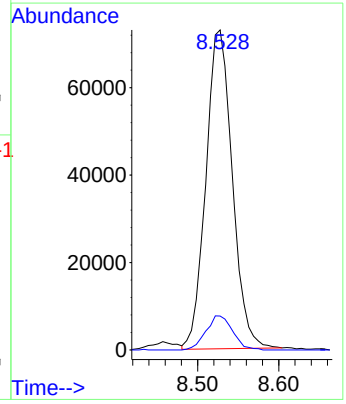
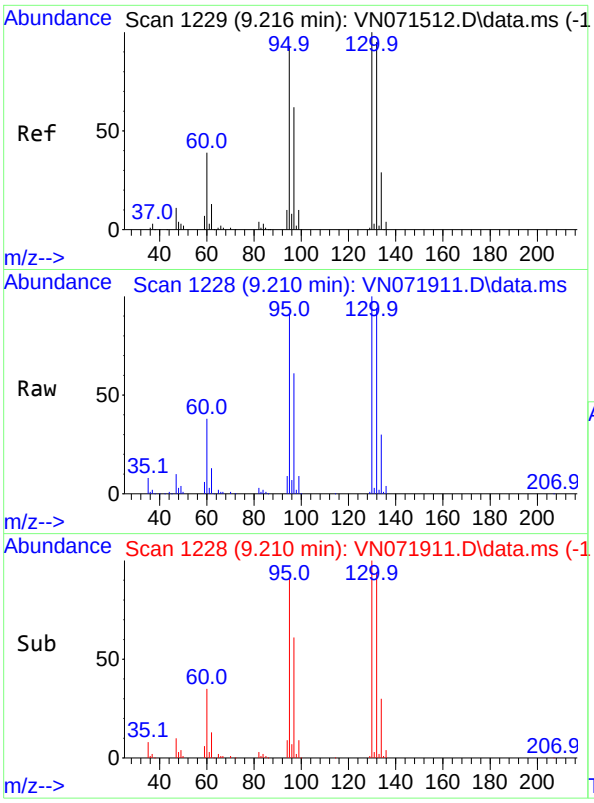


#36
1,2-Dichloroethane
Concen: 19.684 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 62 Resp: 164903

Ion	Ratio	Lower	Upper
62	100		
98	10.8	6.6	10.0#

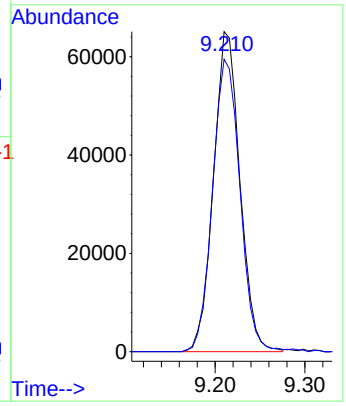




#37
Trichloroethene
Concen: 21.499 ug/l
RT: 9.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:130 Resp: 13321

Ion	Ratio	Lower	Upper
130	100		
95	91.4	76.6	115.0



Instrument :
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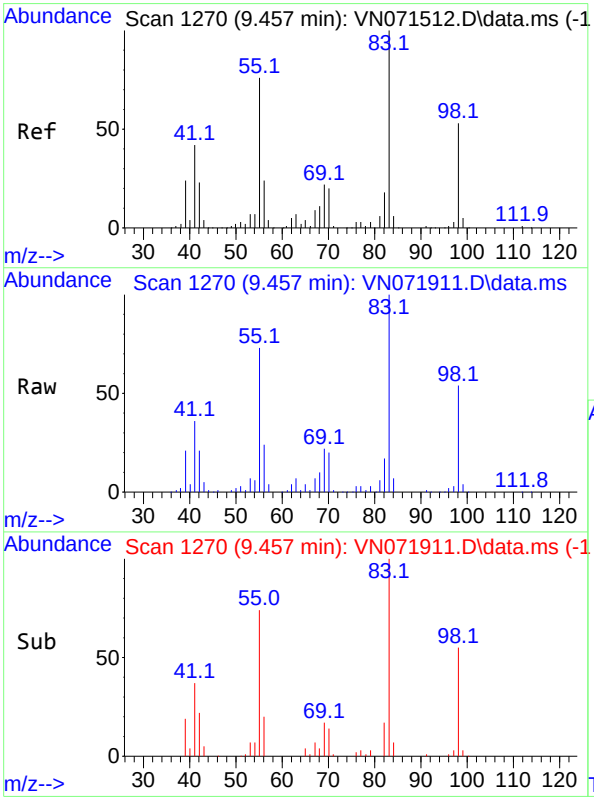
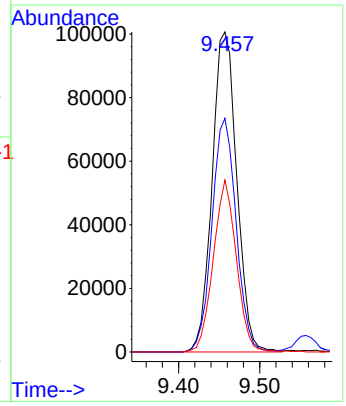
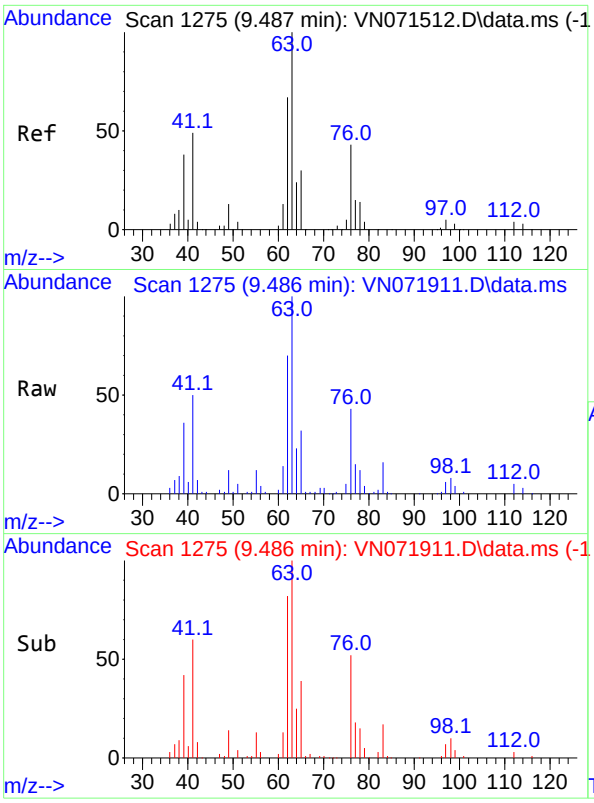


#38
Methylcyclohexane
Concen: 21.789 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 83 Resp: 212279

Ion	Ratio	Lower	Upper
83	100		
55	71.6	35.1	105.3
98	50.2	23.4	70.2

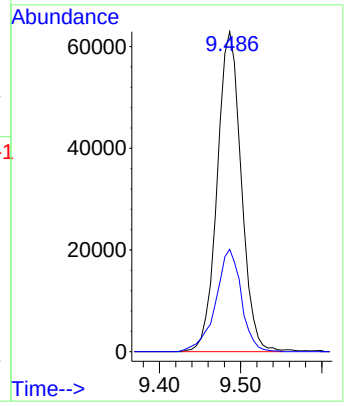




#39
1,2-Dichloropropane
Concen: 21.527 ug/l
RT: 9.486 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 63 Resp: 12933

Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.2	36.4



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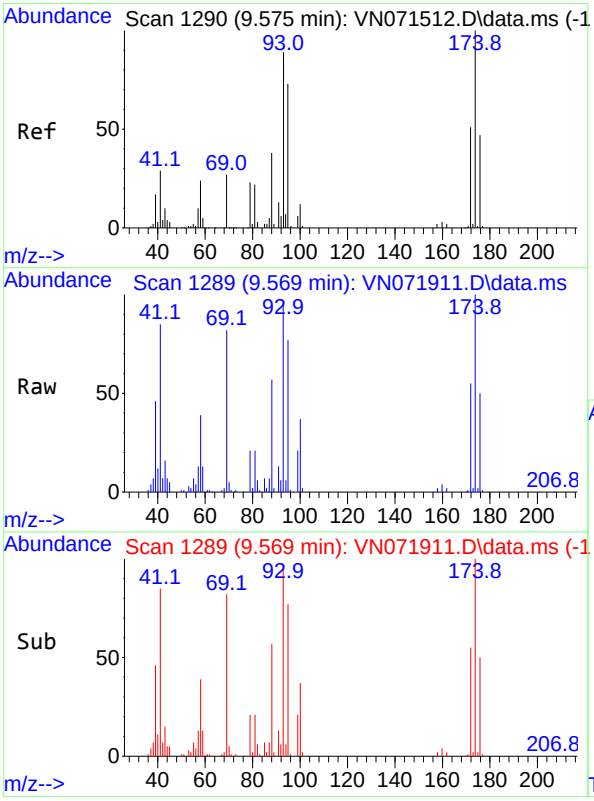
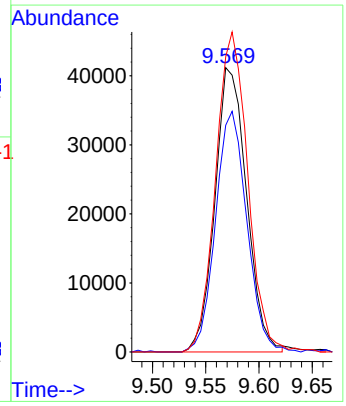
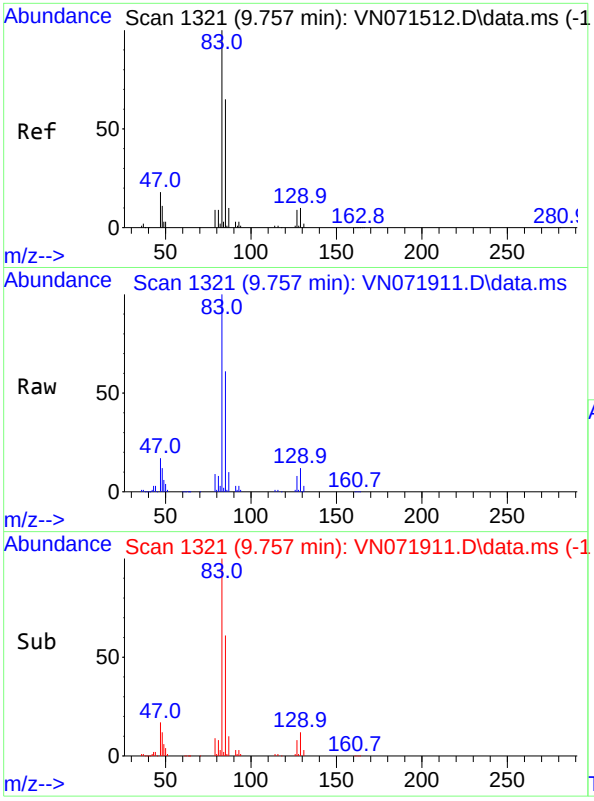


#40
Dibromomethane
Concen: 20.937 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 93 Resp: 85143

Ion	Ratio	Lower	Upper
93	100		
95	83.7	0.0	168.8
174	113.8	0.0	173.6

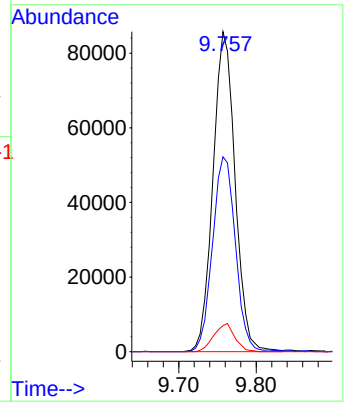




#41
Bromodichloromethane
Concen: 20.894 ug/l
RT: 9.757 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 83 Resp: 17002

Ion	Ratio	Lower	Upper
83	100		
85	60.9	54.1	81.1
127	8.1	7.6	11.4



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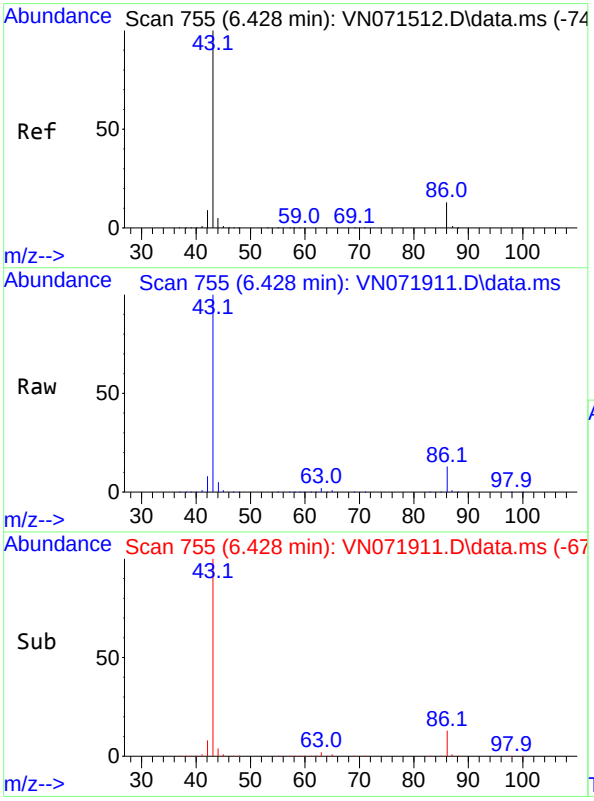
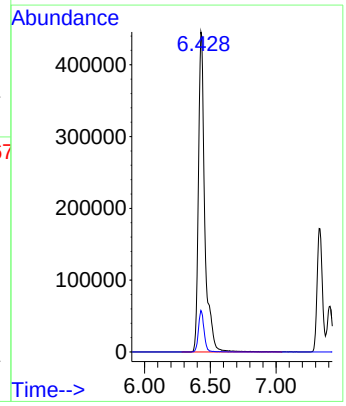
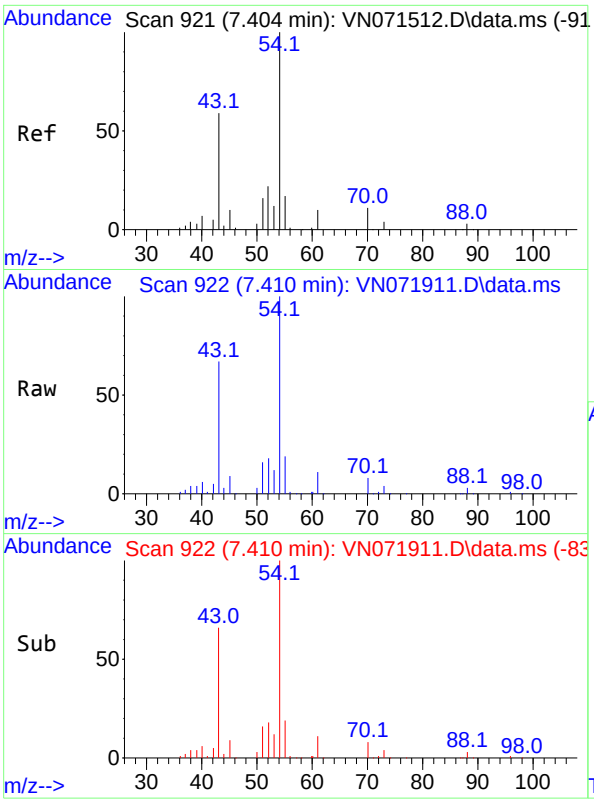


#42
Vinyl Acetate
Concen: 101.112 ug/l m
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 43 Resp: 1490561

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#

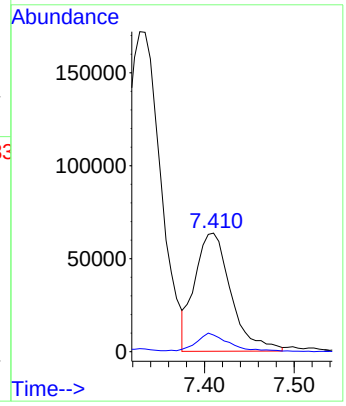




#43
Ethyl Acetate
Concen: 21.324 ug/l
RT: 7.410 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 43 Resp: 17790

Ion	Ratio	Lower	Upper
43	100		
45	11.8	10.6	16.0



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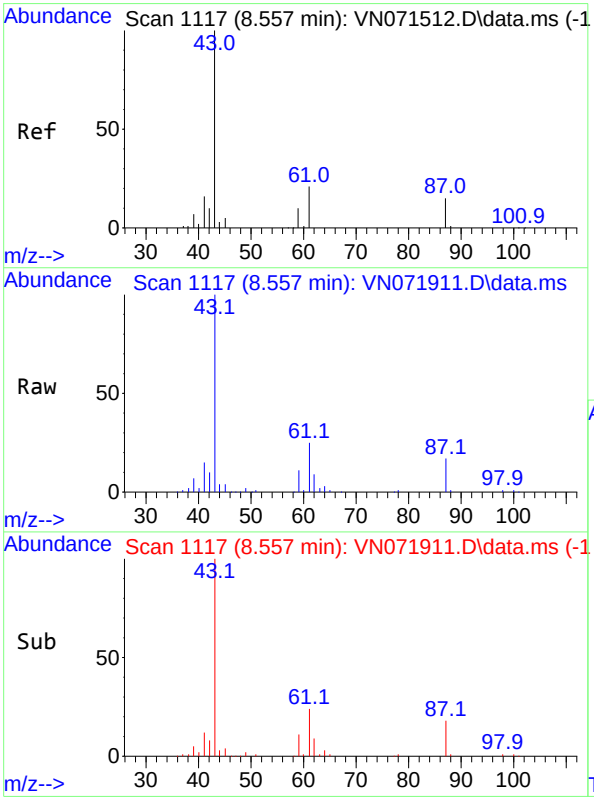
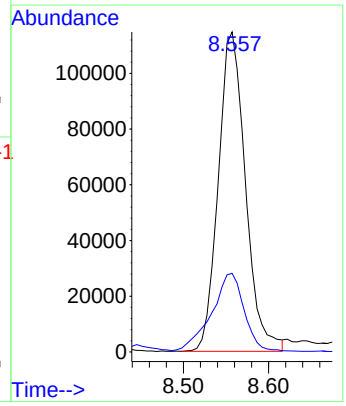
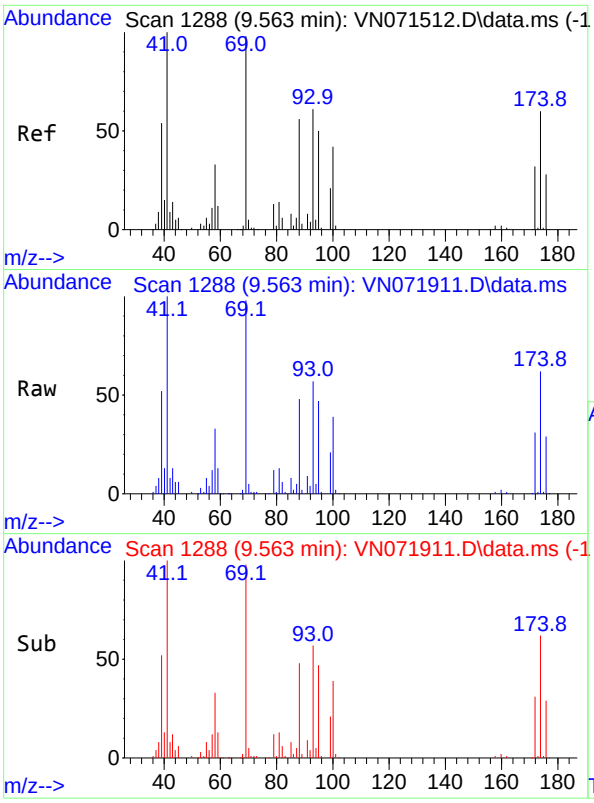


#44
Isopropyl Acetate
Concen: 18.995 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 43 Resp: 254160

Ion	Ratio	Lower	Upper
43	100		
61	30.1	20.1	30.1

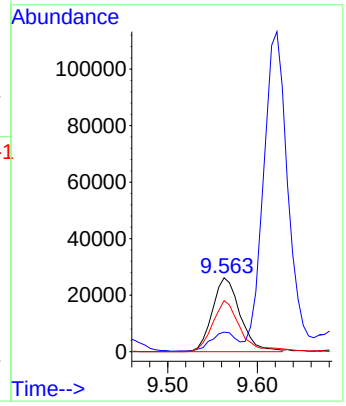




#45
1,4-Dioxane
Concen: 415.910 ug/l
RT: 9.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 88 Resp: 5614

Ion	Ratio	Lower	Upper
88	100		
43	23.0	25.0	37.6
58	64.9	49.4	74.2



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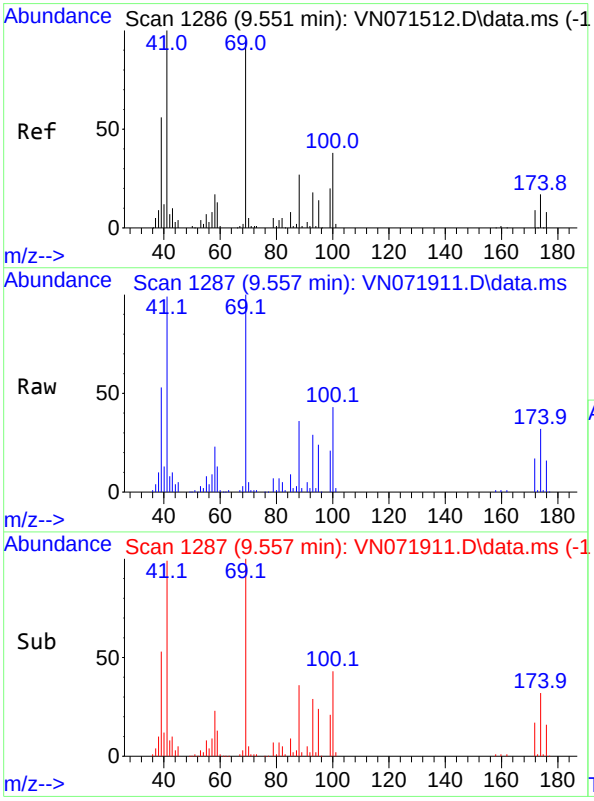
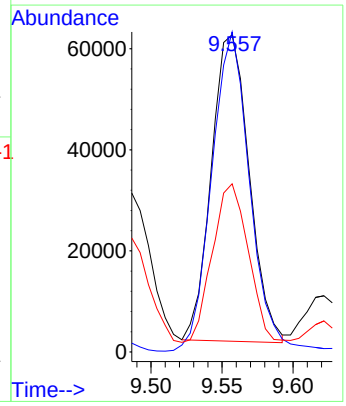
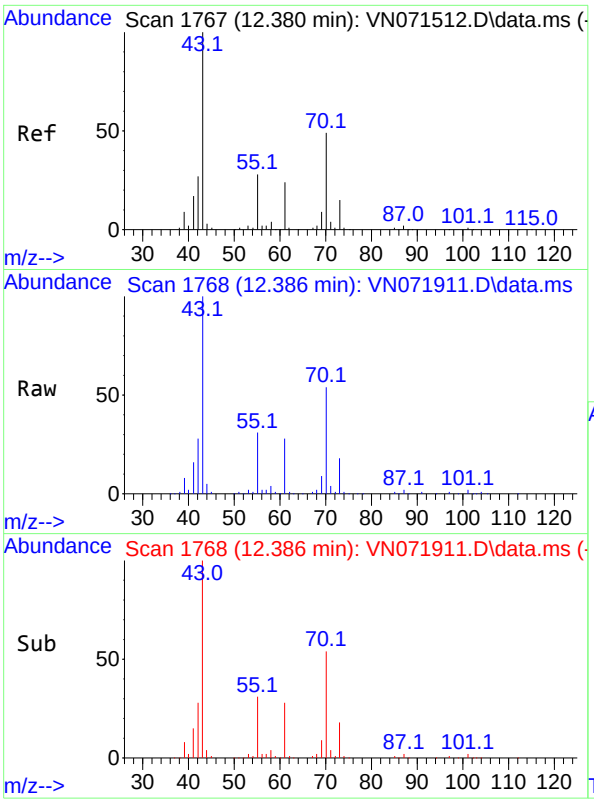


#46
Methyl methacrylate
Concen: 19.129 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 41 Resp: 112242

Ion	Ratio	Lower	Upper
41	100		
69	102.7	44.4	133.2
39	52.0	39.9	119.6

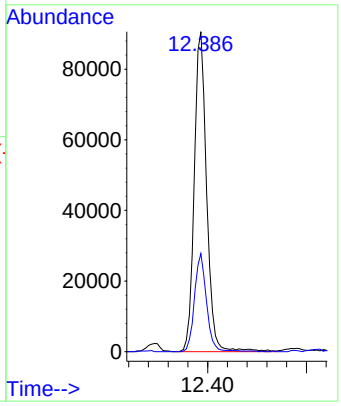




#47
n-amyl Acetate
Concen: 17.719 ug/l m
RT: 12.386 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 43 Resp: 15821

Ion	Ratio	Lower	Upper
43	100		
55	0.1	19.0	28.6



Instrument :
MSVOA_N
ClientSampleId :
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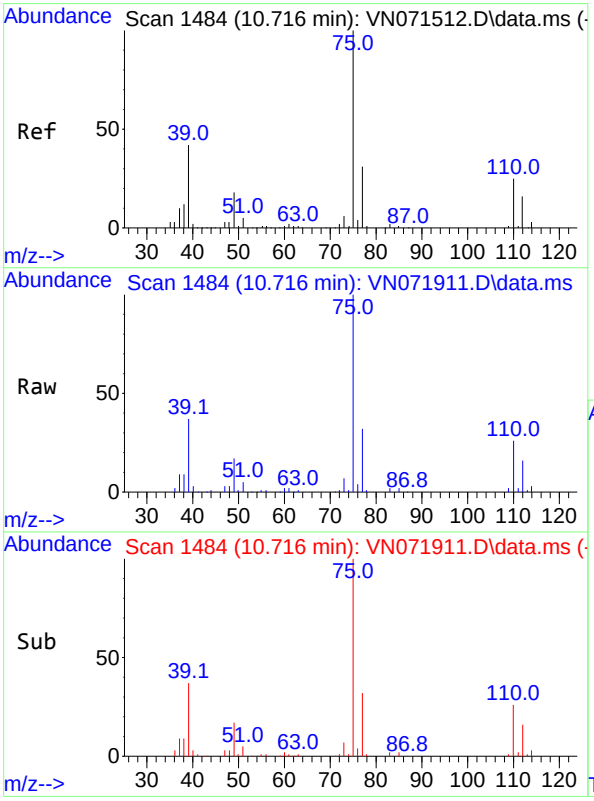
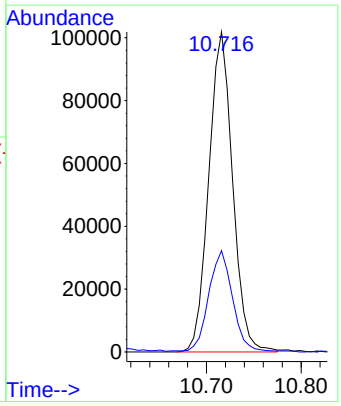
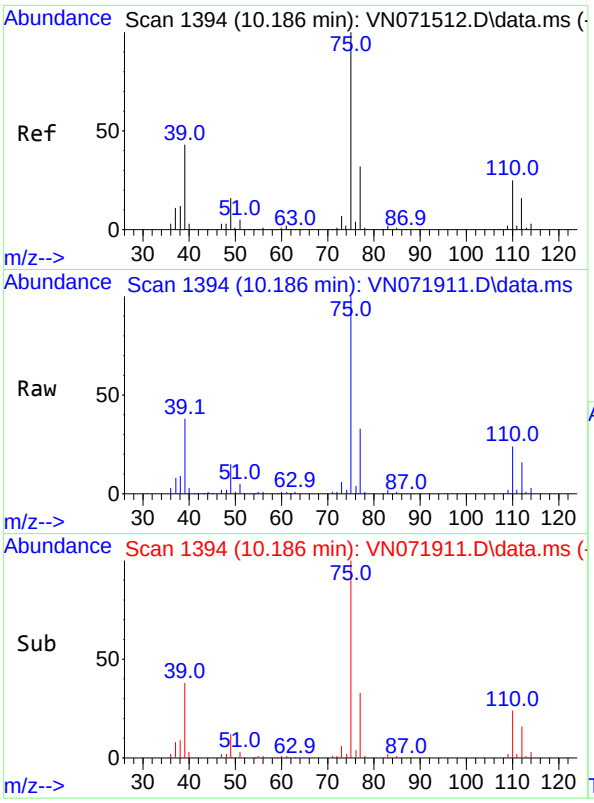


#48
t-1,3-Dichloropropene
Concen: 20.146 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 75 Resp: 178191

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9

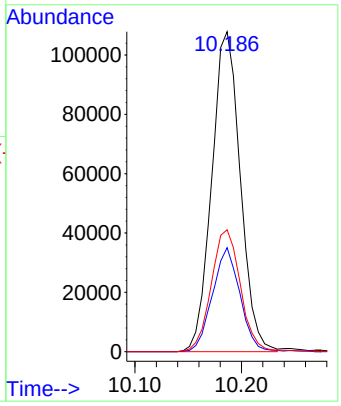




#49
cis-1,3-Dichloropropene
Concen: 20.719 ug/l
RT: 10.186 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 75 Resp: 20040

Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.3	37.9
39	38.1	46.2	69.4



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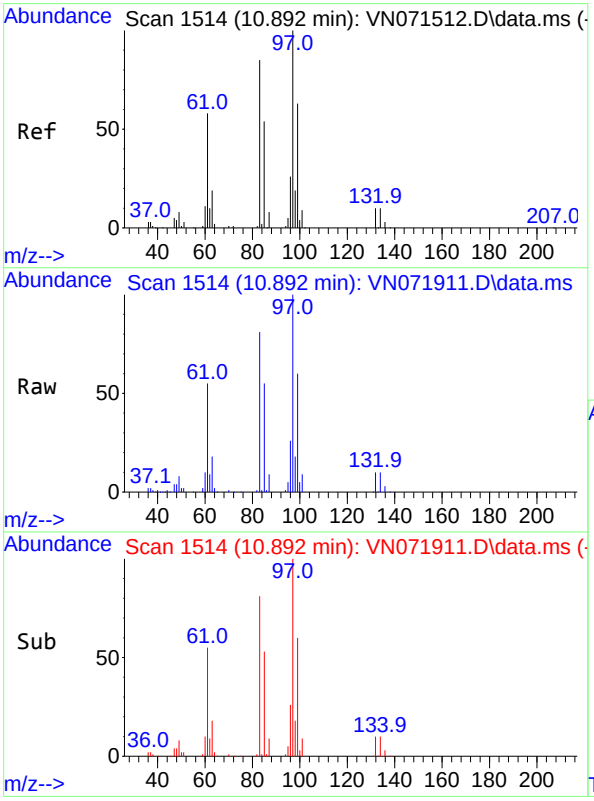
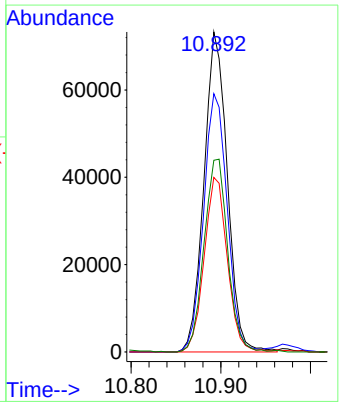
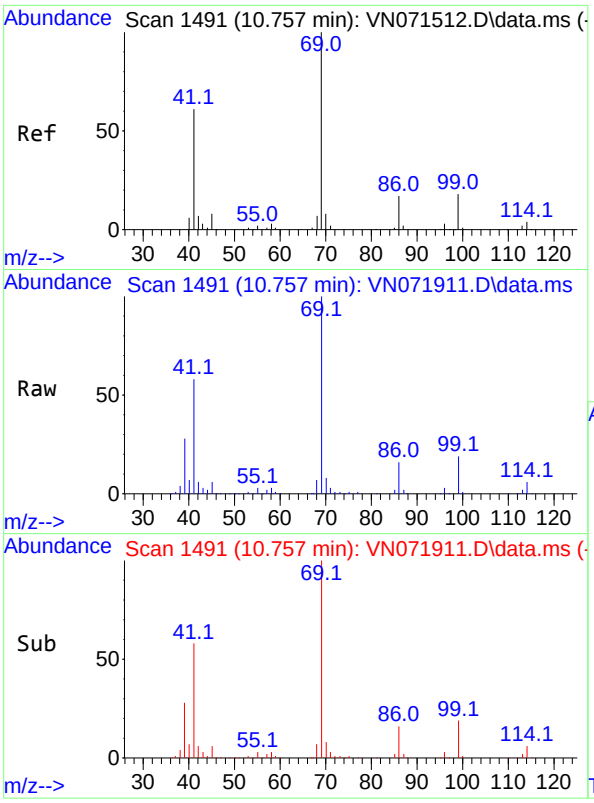


#50
1,1,2-Trichloroethane
Concen: 21.812 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 97 Resp: 132603

Ion	Ratio	Lower	Upper
97	100		
83	80.7	67.2	100.8
85	54.6	43.0	64.4
99	59.9	49.0	73.4

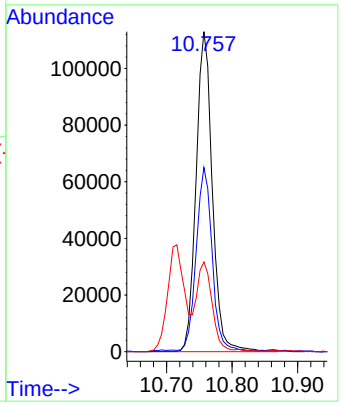




#51
Ethyl methacrylate
Concen: 20.786 ug/l
RT: 10.757 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 69 Resp: 19510

Ion	Ratio	Lower	Upper
69	100		
41	57.1	33.0	98.9
39	27.9	25.4	76.4



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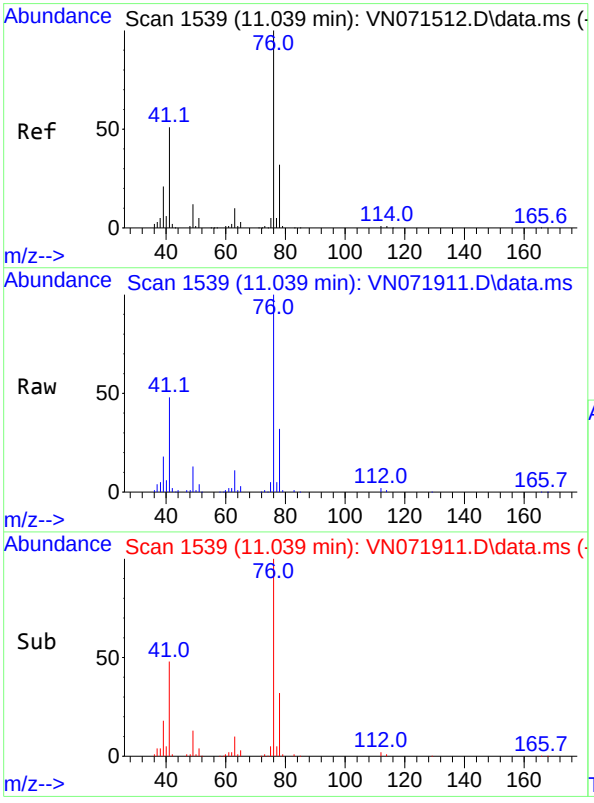
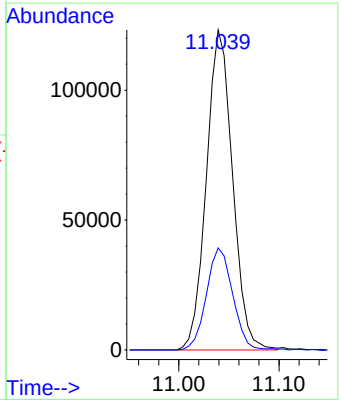
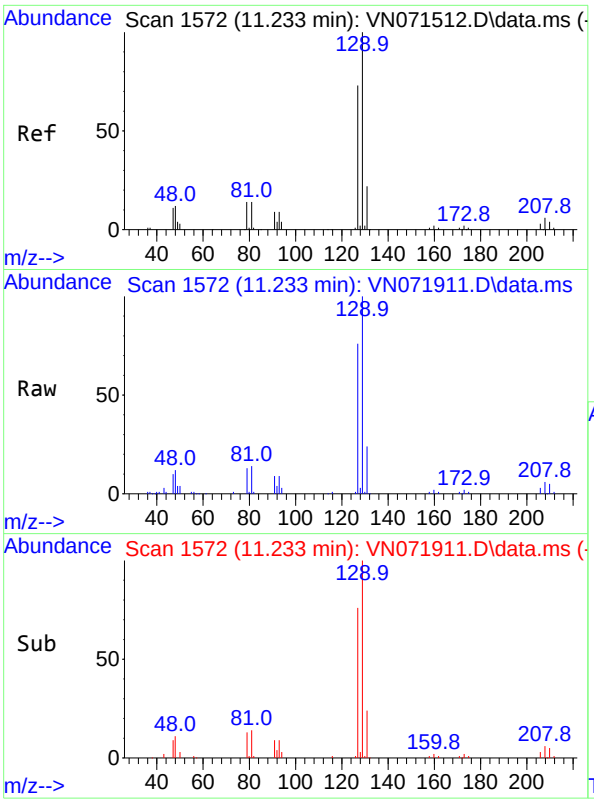


#52
1,3-Dichloropropane
Concen: 21.460 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 76 Resp: 222793

Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.4

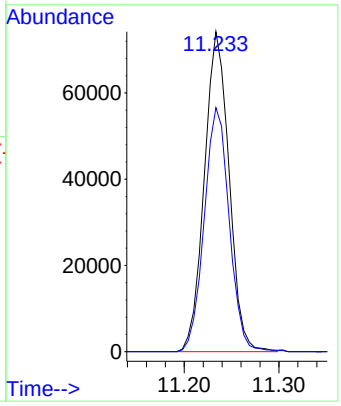




#53
Dibromochloromethane
Concen: 21.421 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:129 Resp: 13480

Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.0	117.0



Instrument :
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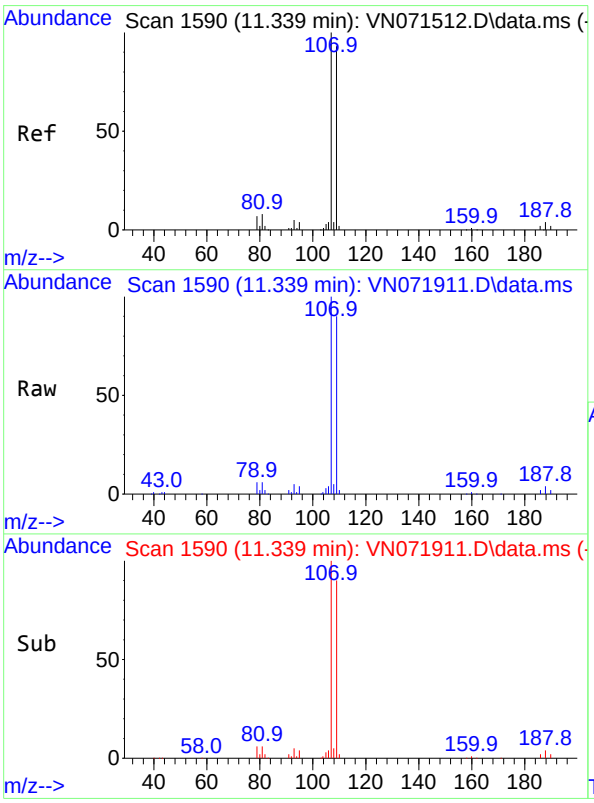
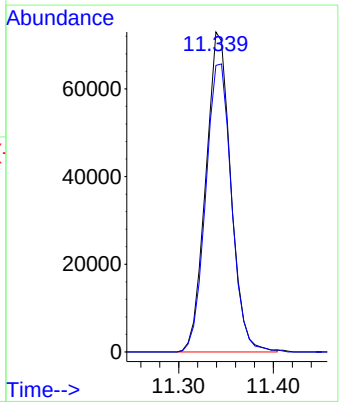
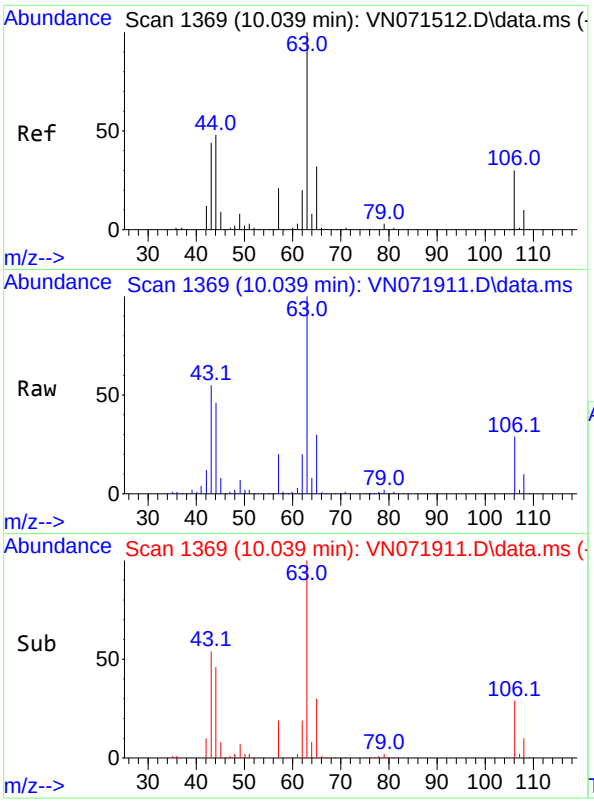


#54
1,2-Dibromoethane
Concen: 21.390 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:107 Resp: 133761

Ion	Ratio	Lower	Upper
107	100		
109	93.2	72.8	109.2

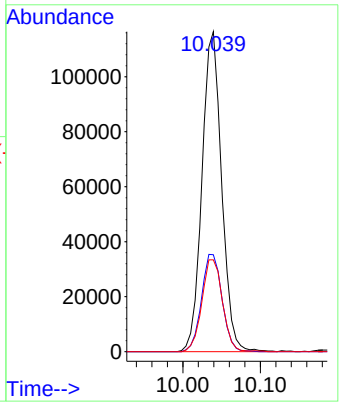




#55
2-Chloroethyl vinyl ether
Concen: 80.894 ug/l
RT: 10.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 63 Resp: 20458

Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.4	38.0
106	30.1	23.2	34.8



Instrument :
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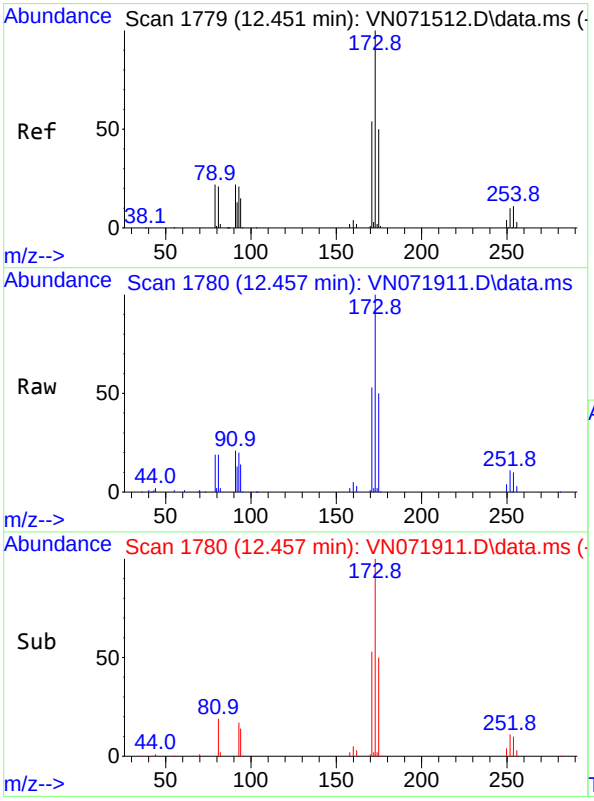
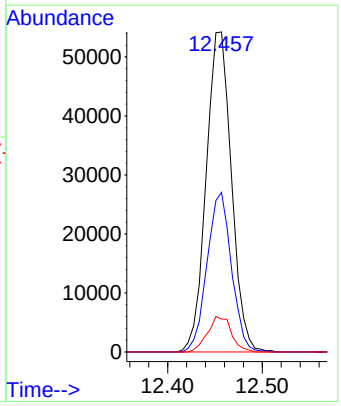
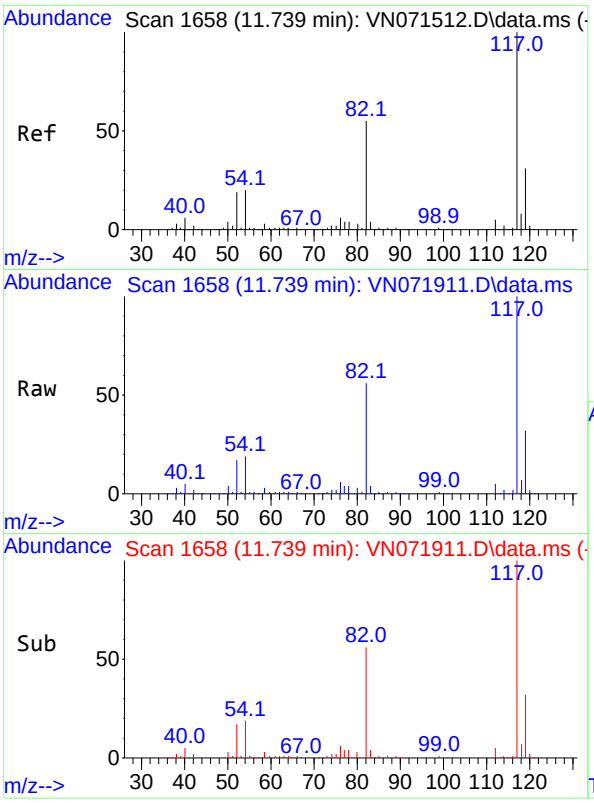


#56
Bromoform
Concen: 20.777 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:173 Resp: 100816

Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.6	58.0
254	10.4	0.0	0.0#

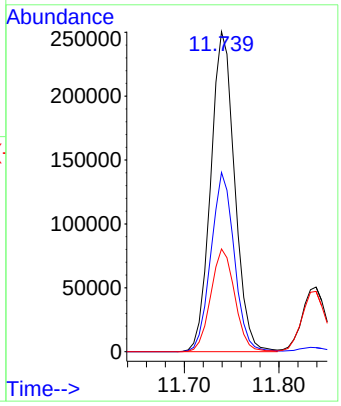




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:117 Resp: 43953

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.6	65.4
119	32.2	25.8	38.6



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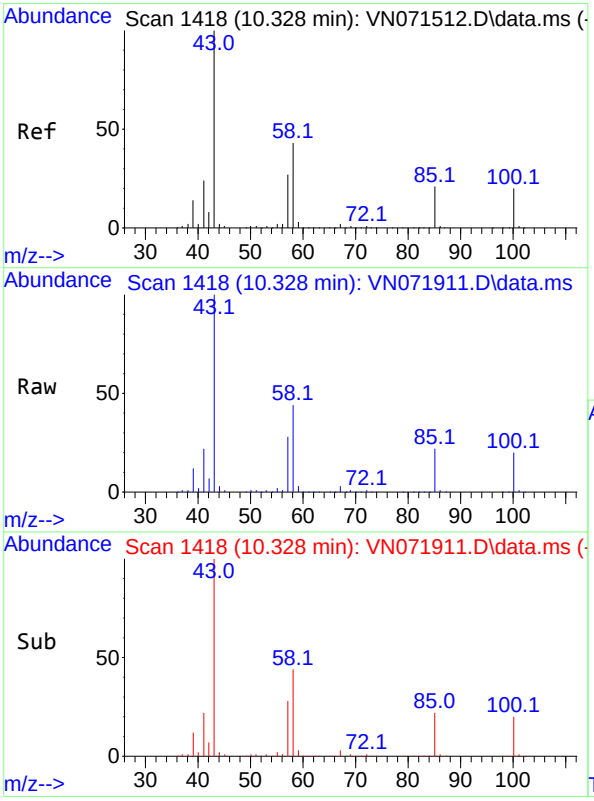
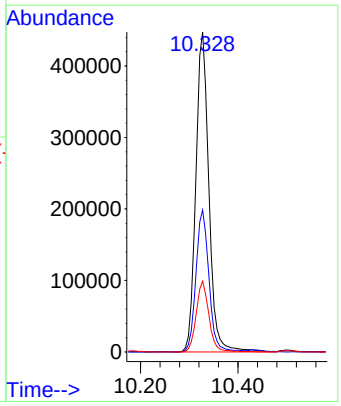
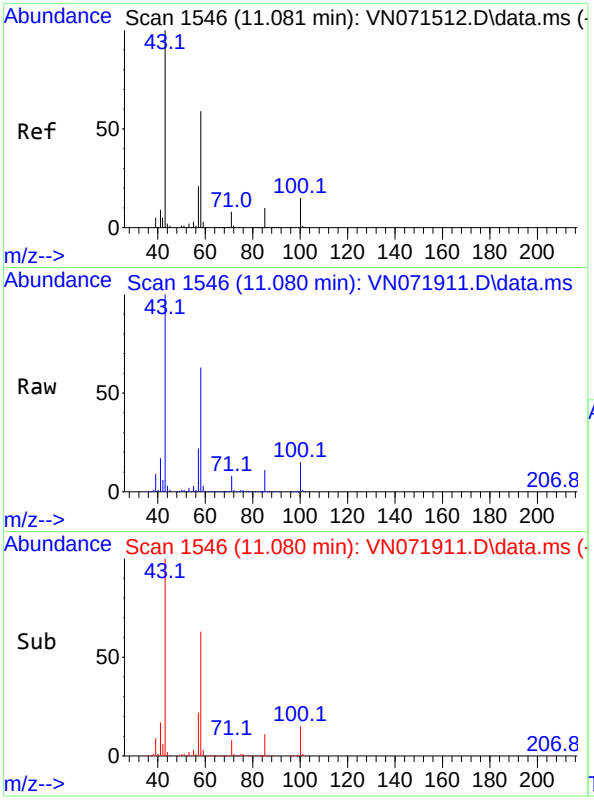


#58
4-Methyl-2-Pentanone
Concen: 100.217 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 43 Resp: 836169

Ion	Ratio	Lower	Upper
43	100		
58	43.9	30.0	45.0
85	21.3	15.0	22.6

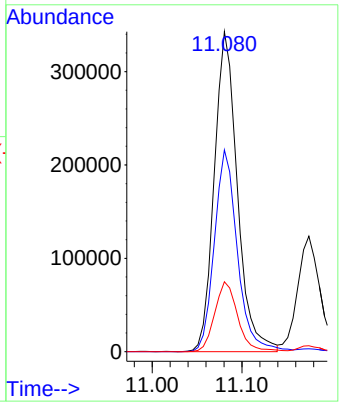




#59
2-Hexanone
Concen: 100.836 ug/l
RT: 11.080 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 43 Resp: 61426

Ion	Ratio	Lower	Upper
43	100		
58	62.8	42.2	63.2
57	21.8	15.0	22.4



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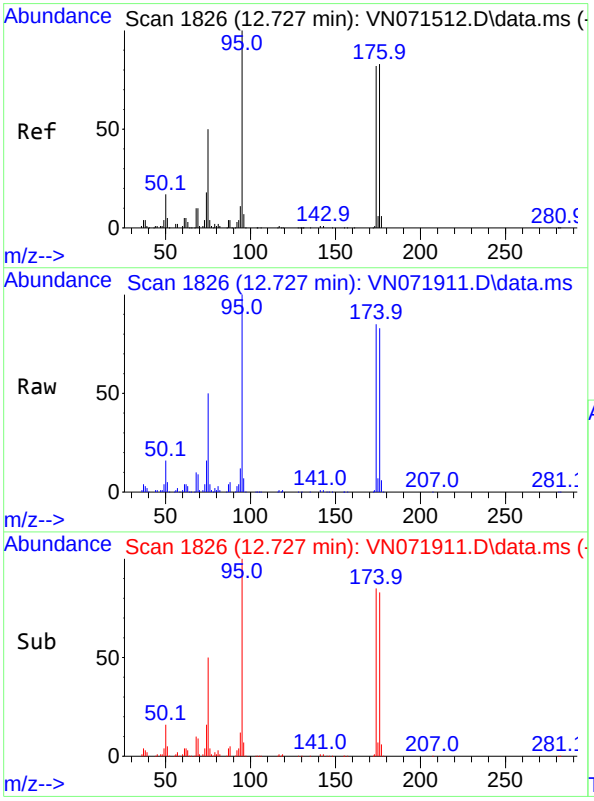
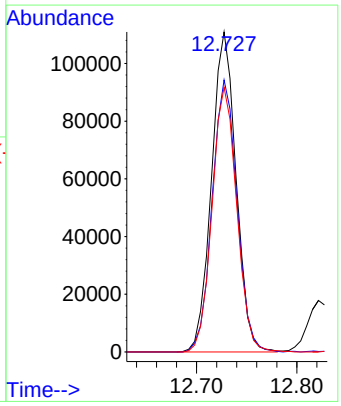
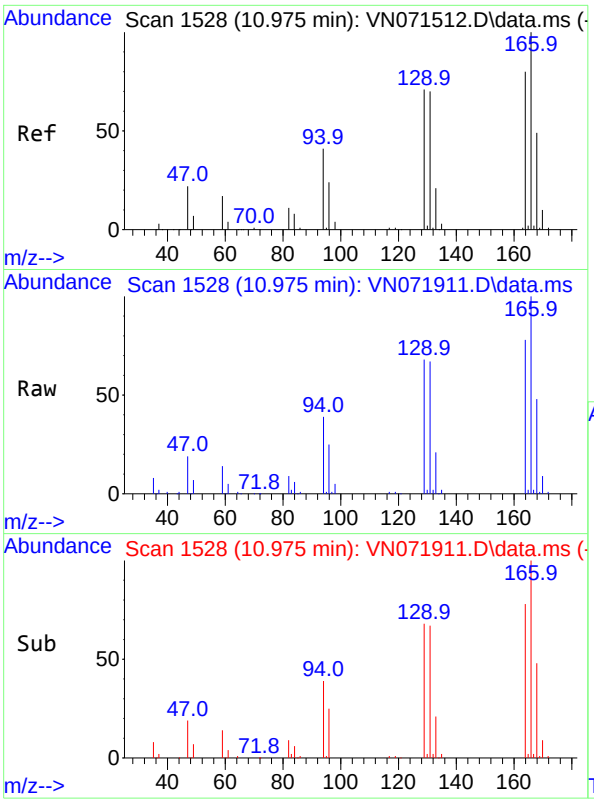


#60
4-Bromofluorobenzene
Concen: 28.907 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 95 Resp: 188392

Ion	Ratio	Lower	Upper
95	100		
174	86.0	62.9	94.3
176	83.1	61.0	91.4

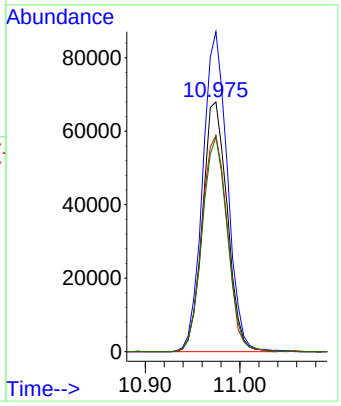




#61
Tetrachloroethene
Concen: 23.114 ug/l
RT: 10.975 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:164 Resp: 12364

Ion	Ratio	Lower	Upper
164	100		
166	127.7	105.8	158.8
129	86.3	82.5	123.7
131	85.9	81.2	121.8



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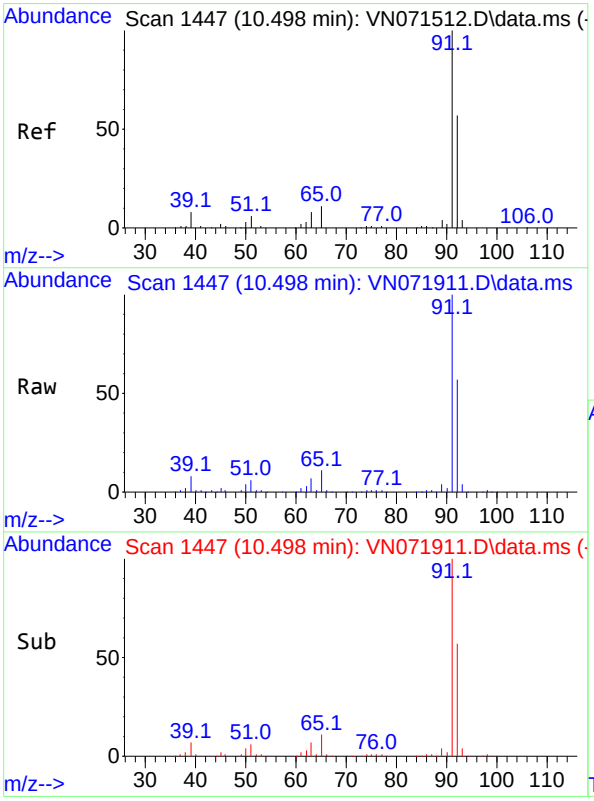
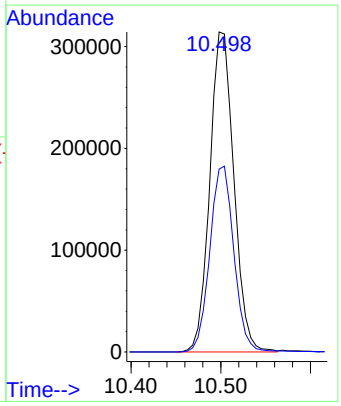
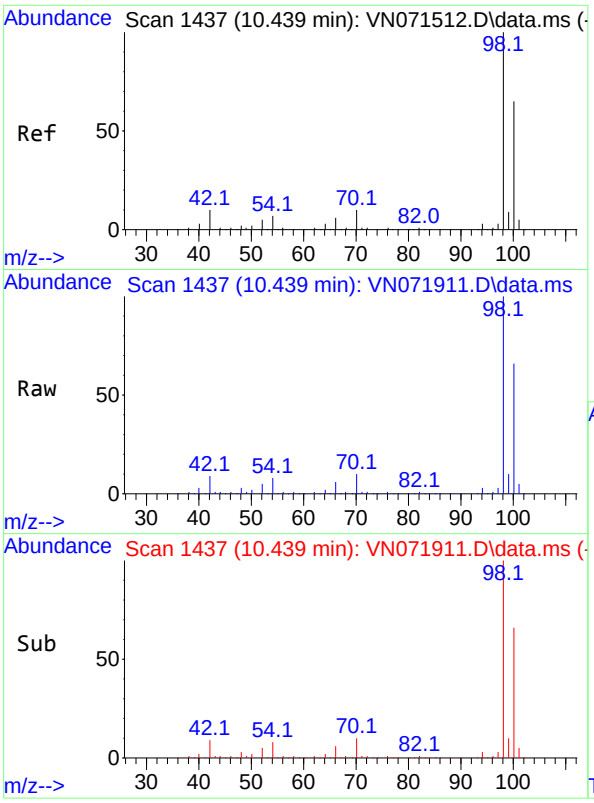


#62
Toluene
Concen: 21.974 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 91 Resp: 585653

Ion	Ratio	Lower	Upper
91	100		
92	58.0	44.6	67.0

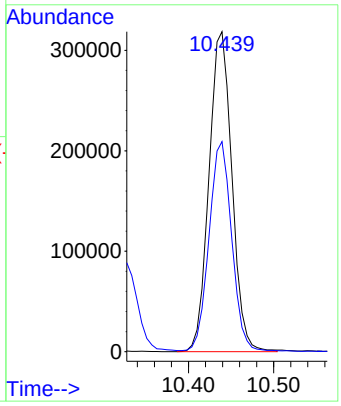




#63
Toluene-d8
Concen: 29.923 ug/l
RT: 10.439 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 98 Resp: 59703

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.6	76.0



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Supervised By :Mahesh Dadoda 04/11/2022

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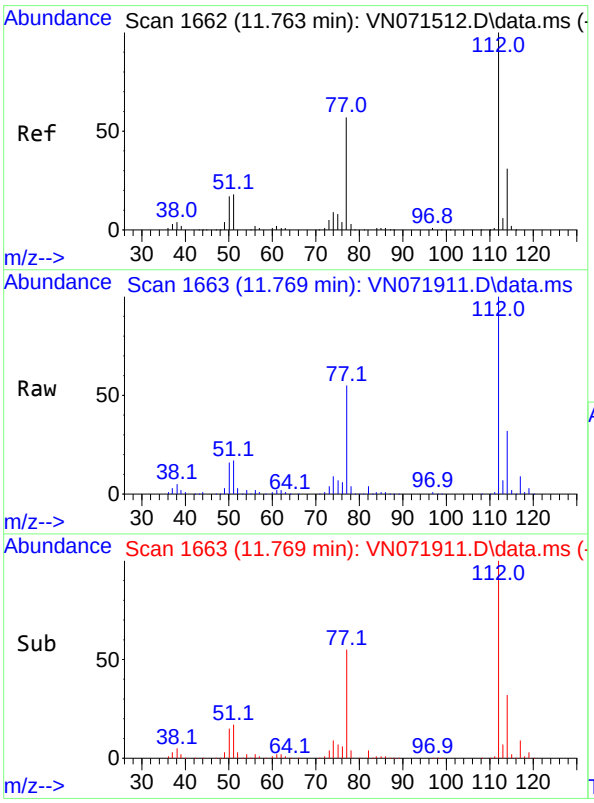
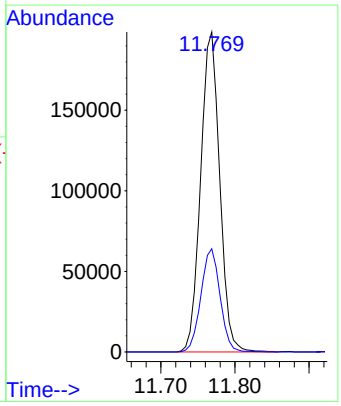
04/11/2022

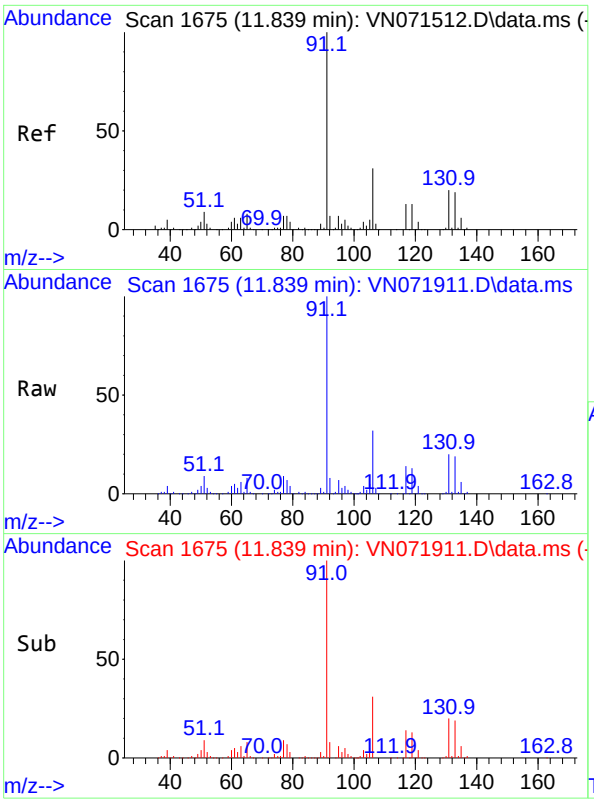


#64
Chlorobenzene
Concen: 21.563 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:112 Resp: 354482

Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.6

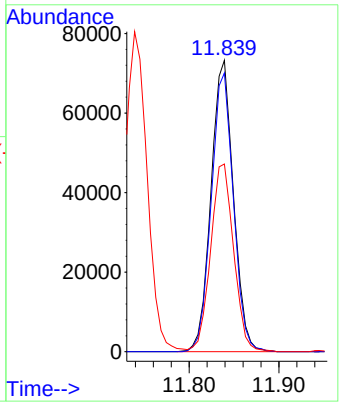




#65
1,1,1,2-Tetrachloroethane
Concen: 21.106 ug/l
RT: 11.839 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:131 Resp: 12728

Ion	Ratio	Lower	Upper
131	100		
133	94.3	0.0	191.2
119	66.0	0.0	128.8



Instrument :
MSVOA_N
ClientSampleId :
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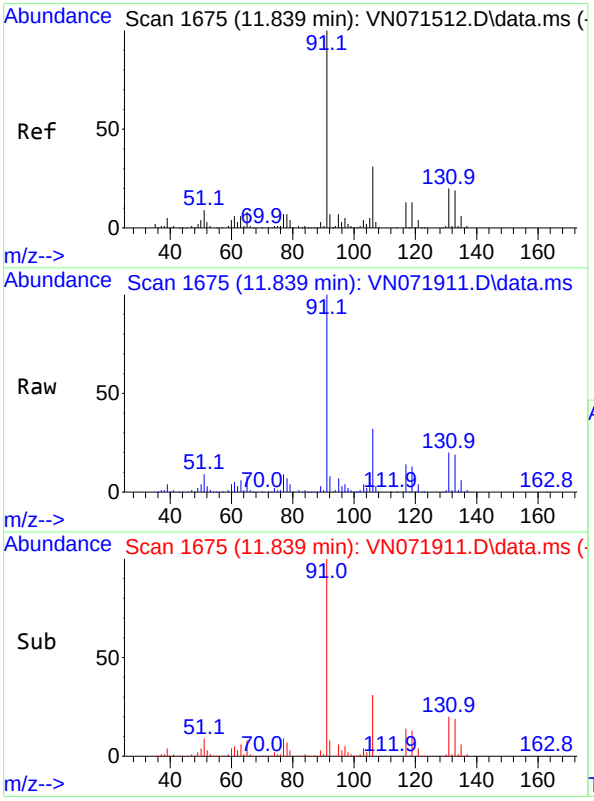
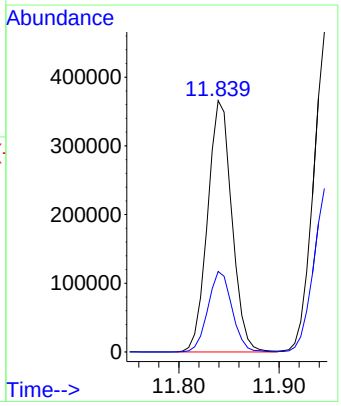
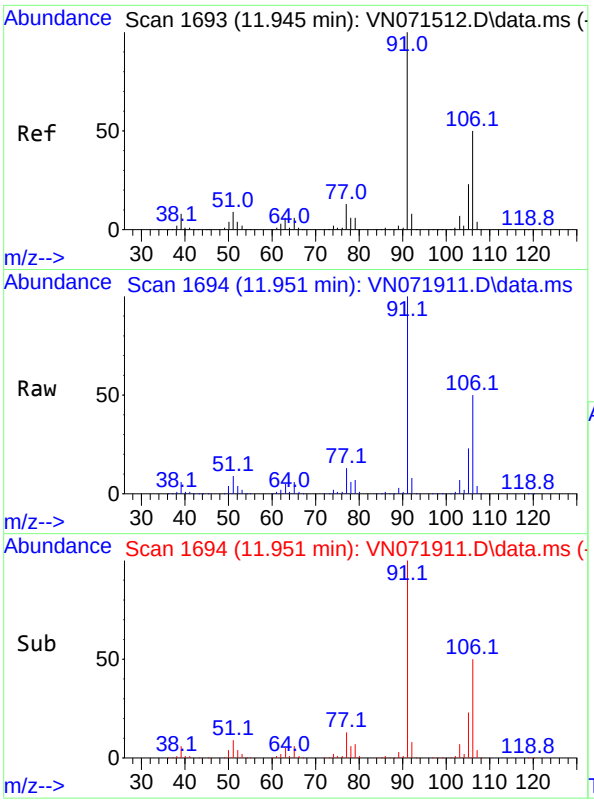


#66
Ethyl Benzene
Concen: 21.254 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 91 Resp: 615580

Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.0	36.0

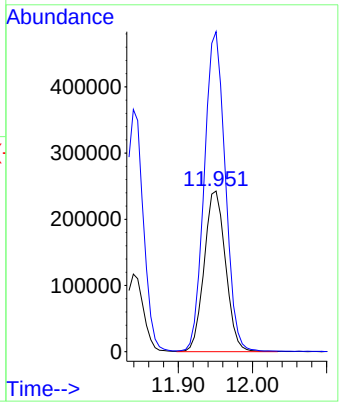




#67
m/p-Xylenes
Concen: 43.175 ug/l
RT: 11.951 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:106 Resp: 48645

Ion	Ratio	Lower	Upper
106	100		
91	194.6	162.9	244.3



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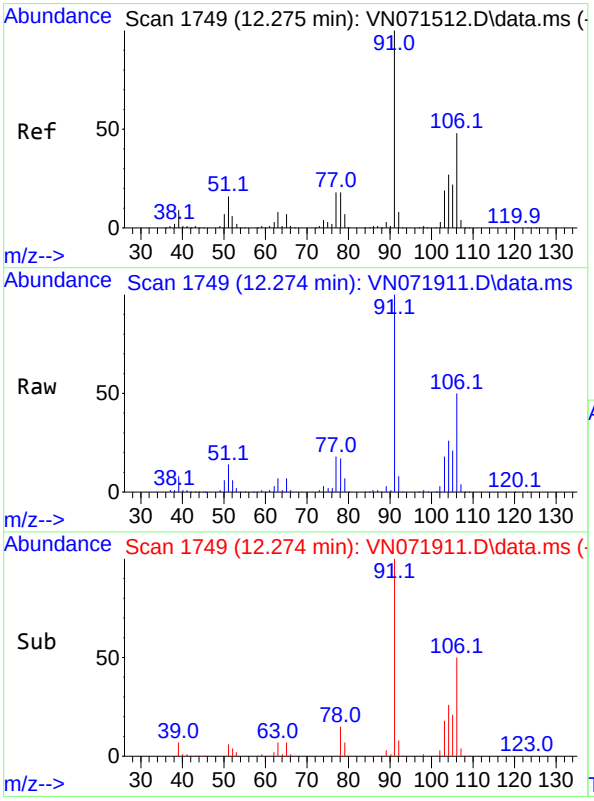
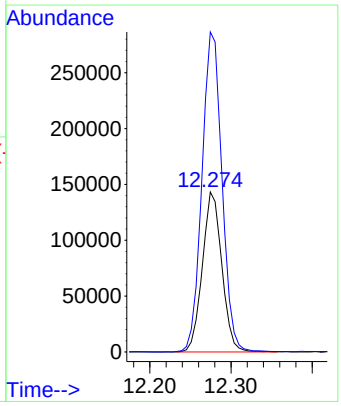
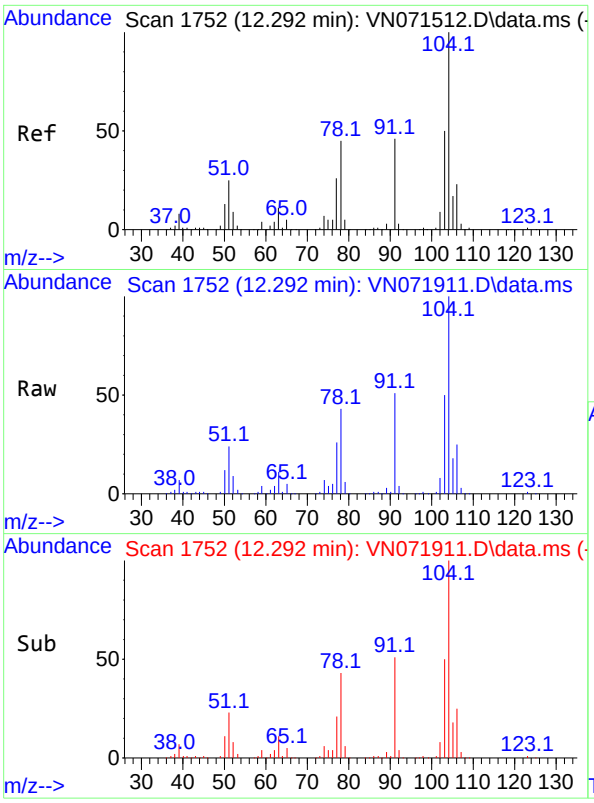


#68
o-Xylene
Concen: 21.278 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:106 Resp: 238290

Ion	Ratio	Lower	Upper
106	100		
91	205.4	107.7	323.1

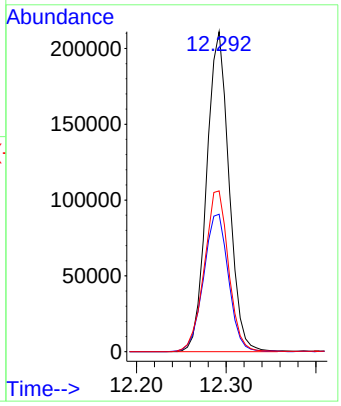




#69
Styrene
Concen: 20.688 ug/l
RT: 12.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:104 Resp: 36462

Ion	Ratio	Lower	Upper
104	100		
78	48.1	40.7	61.1
103	54.6	45.8	68.8



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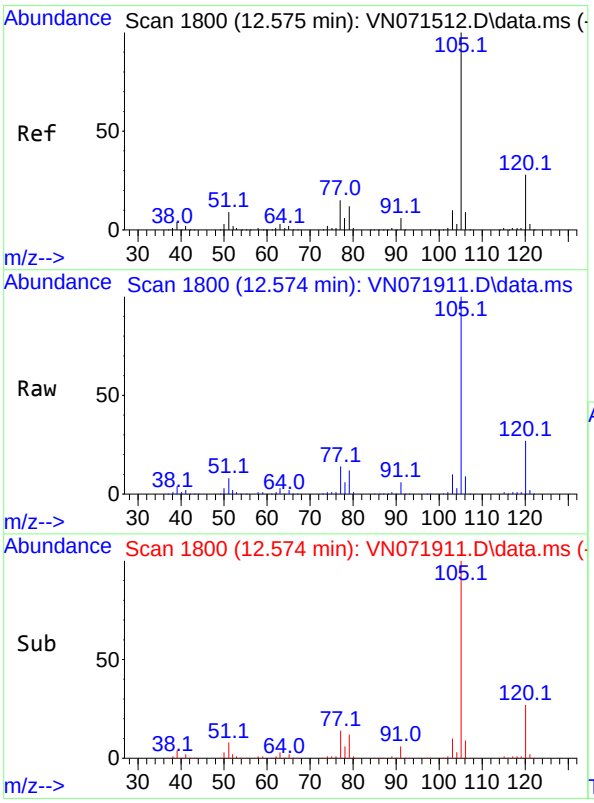
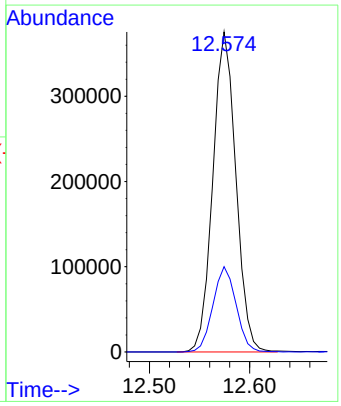
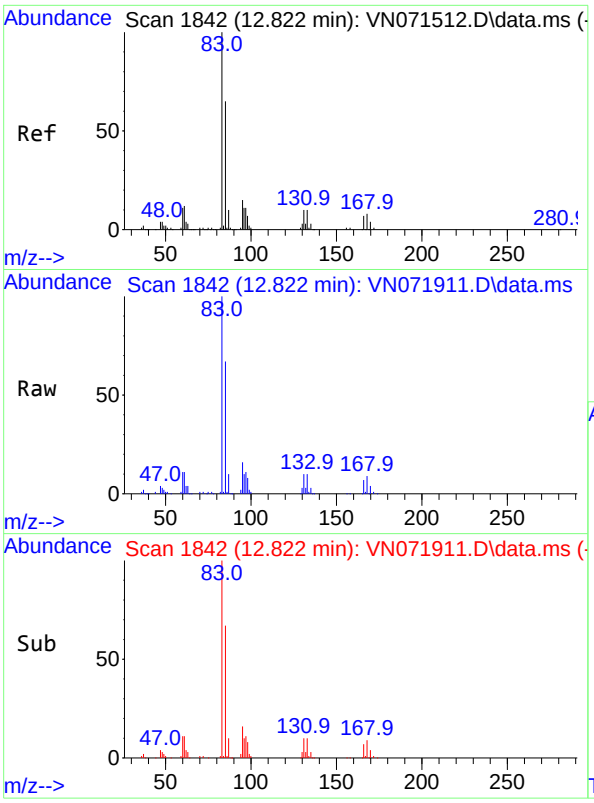


#70
Isopropylbenzene
Concen: 21.314 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:105 Resp: 599091

Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.3	34.1

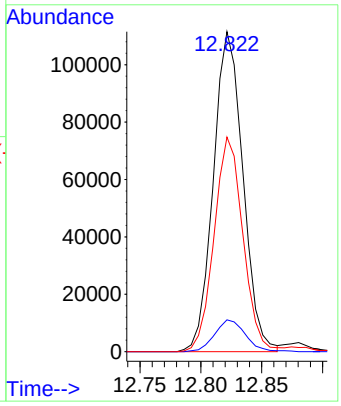




#71
1,1,2,2-Tetrachloroethane
Concen: 20.624 ug/l
RT: 12.822 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 83 Resp: 18867

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	65.3	33.1	99.2



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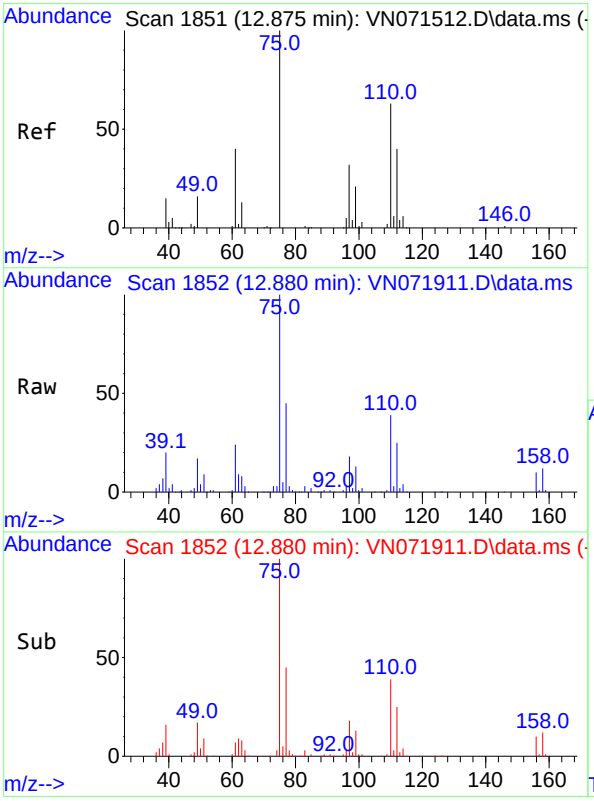
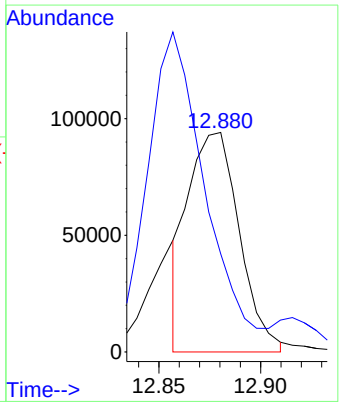
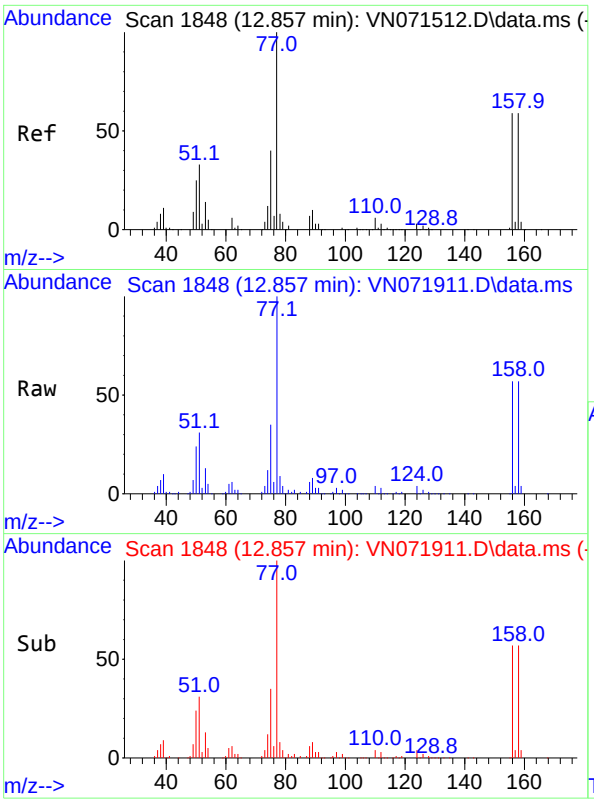


#72
1,2,3-Trichloropropane
Concen: 21.007 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 75 Resp: 165094

Ion	Ratio	Lower	Upper
75	100		
77	166.9	0.0	378.0

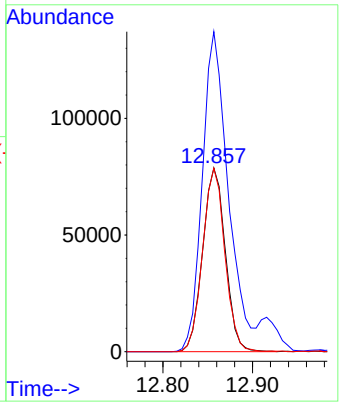




#73
Bromobenzene
Concen: 20.128 ug/l
RT: 12.857 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:156 Resp: 13801

Ion	Ratio	Lower	Upper
156	100		
77	199.6	0.0	416.0
158	98.2	0.0	195.4



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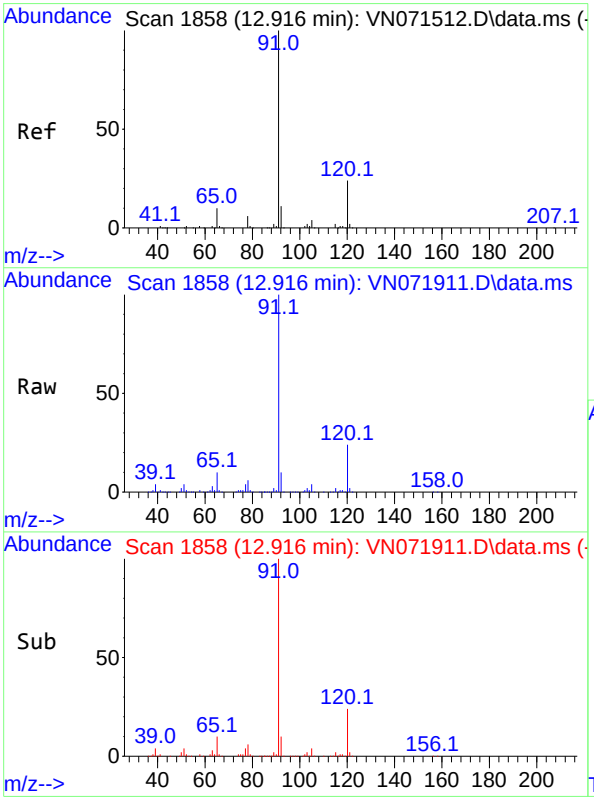
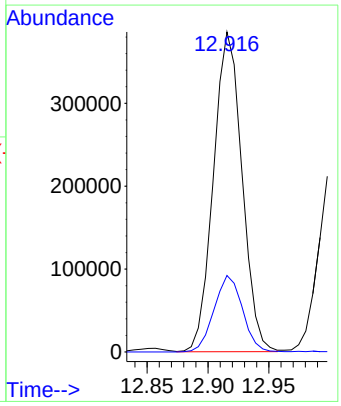
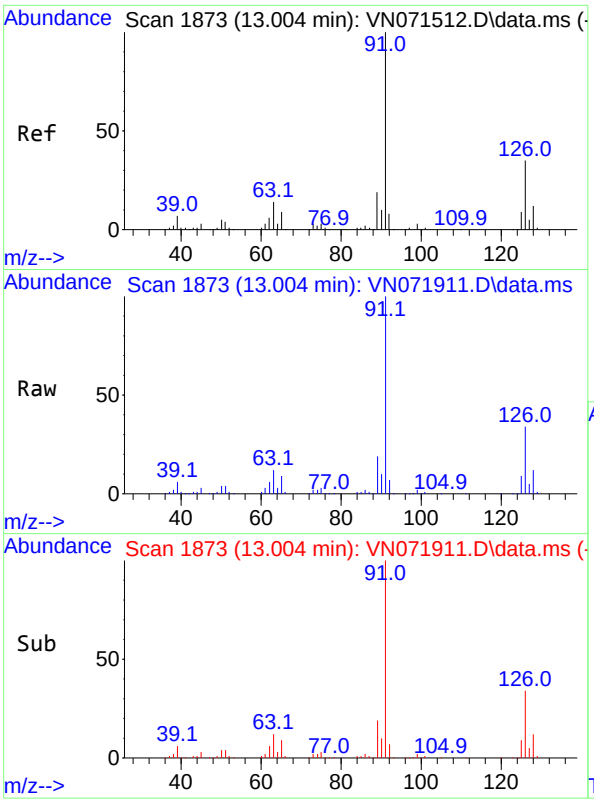


#74
n-propylbenzene
Concen: 20.562 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 91 Resp: 630772

Ion	Ratio	Lower	Upper
91	100		
120	23.7	0.0	45.0

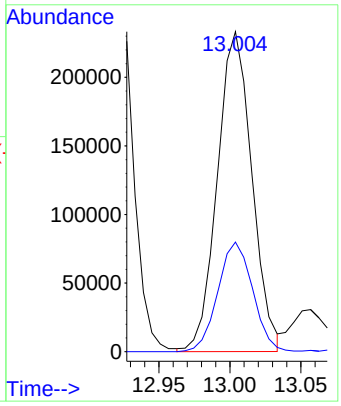




#75
2-Chlorotoluene
Concen: 20.579 ug/l
RT: 13.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 91 Resp: 39450

Ion	Ratio	Lower	Upper
91	100		
126	34.5	0.0	69.8



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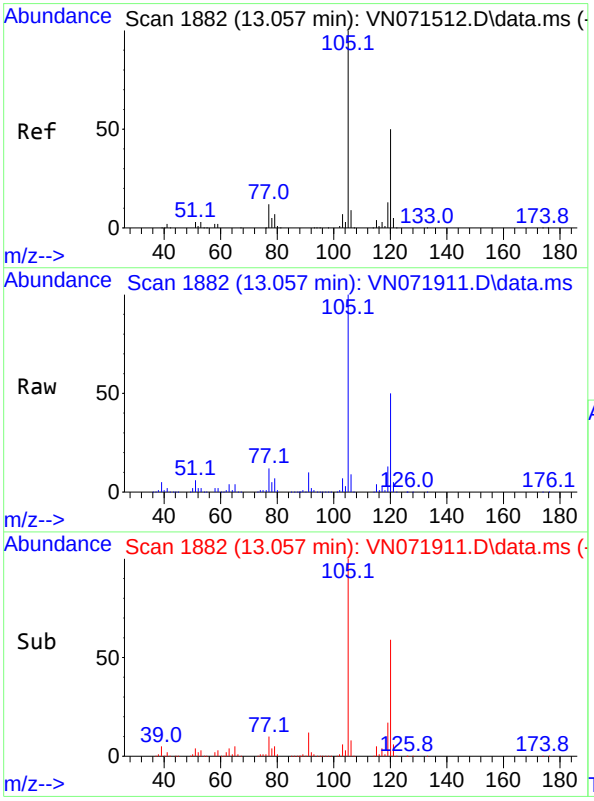
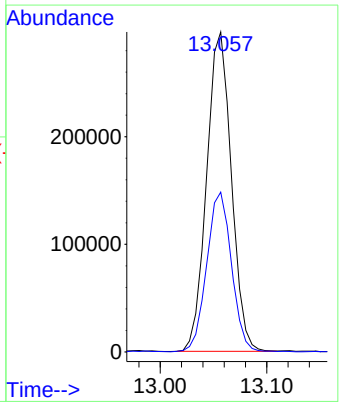
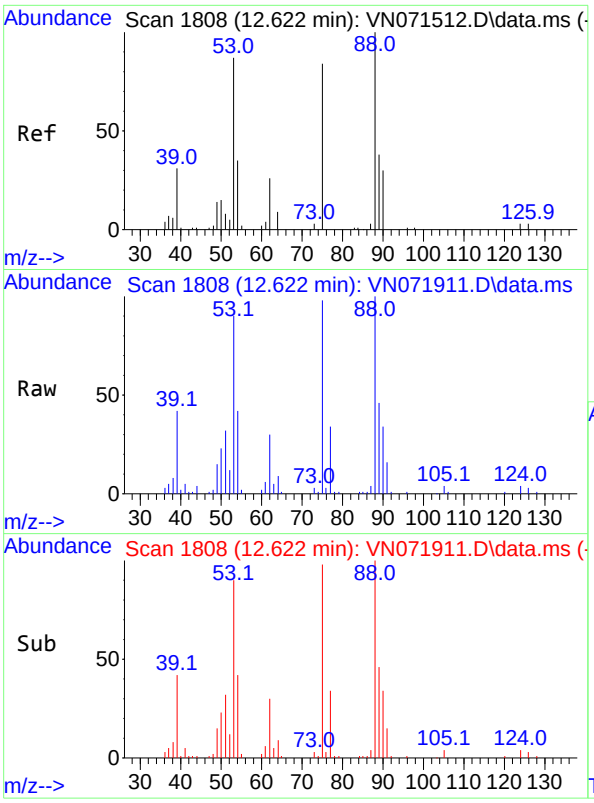


#76
1,3,5-Trimethylbenzene
Concen: 21.197 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:105 Resp: 477999

Ion	Ratio	Lower	Upper
105	100		
120	50.3	0.0	93.8

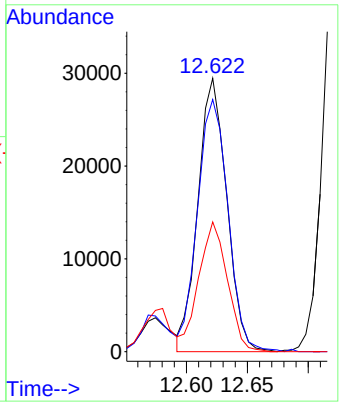




#77
t-1,4-Dichloro-2-butene
Concen: 17.549 ug/l
RT: 12.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 75 Resp: 4842

Ion	Ratio	Lower	Upper
75	100		
53	91.6	51.8	155.5
89	47.5	22.9	68.7



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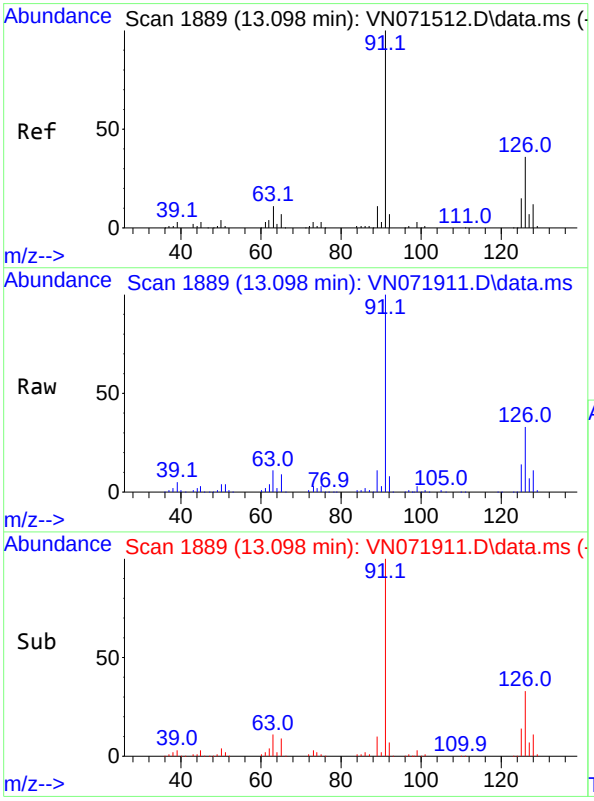
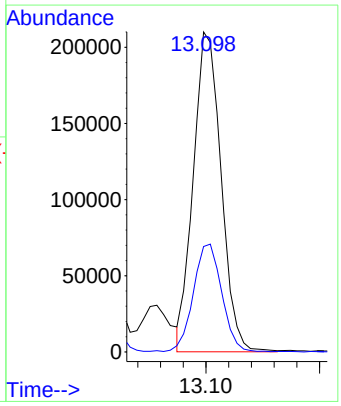
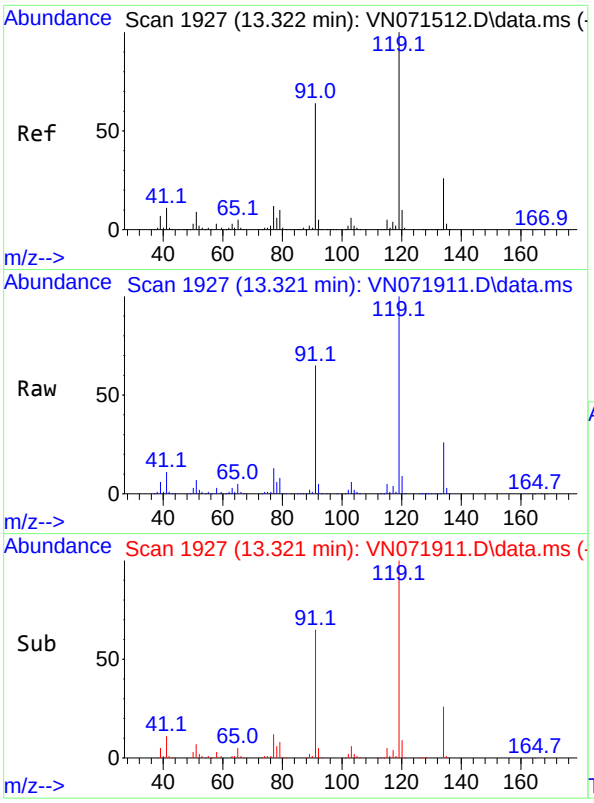


#78
4-Chlorotoluene
Concen: 19.912 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 91 Resp: 356515

Ion	Ratio	Lower	Upper
91	100		
126	34.6	0.0	70.6

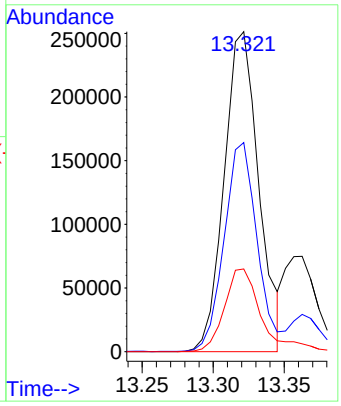




#79
tert-butylbenzene
Concen: 20.990 ug/l
RT: 13.321 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:119 Resp: 42713

Ion	Ratio	Lower	Upper
119	100		
91	62.0	0.0	137.0
134	25.8	0.0	47.6



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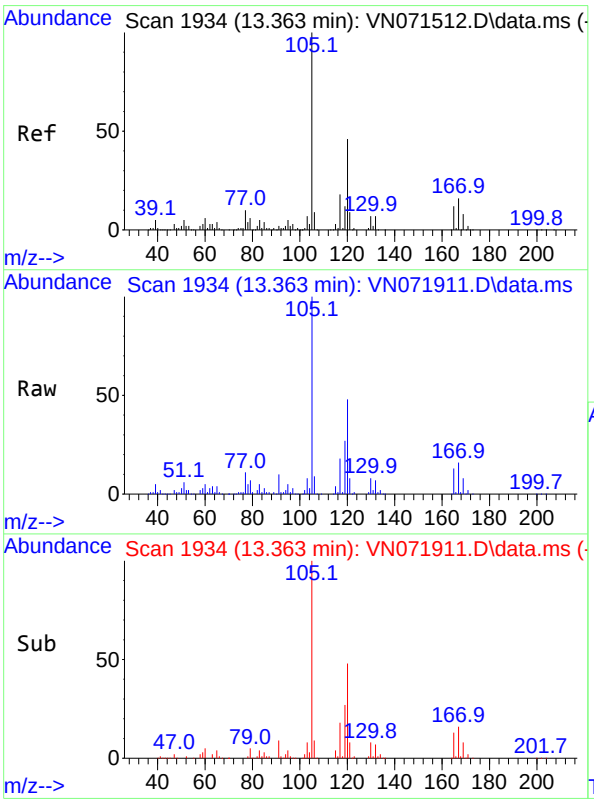
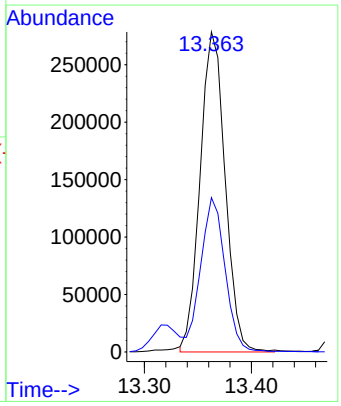
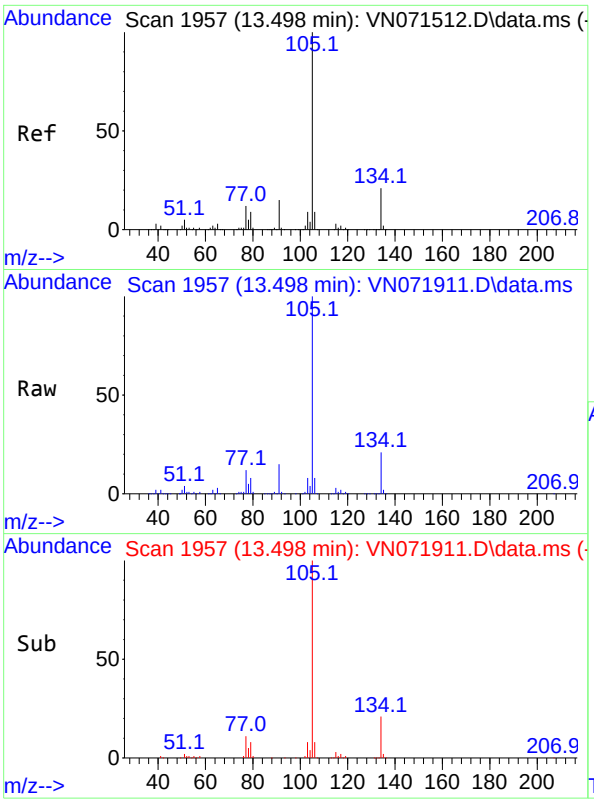


#80
1,2,4-Trimethylbenzene
Concen: 20.689 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:105 Resp: 452659

Ion	Ratio	Lower	Upper
105	100		
120	0.1	0.0	0.2

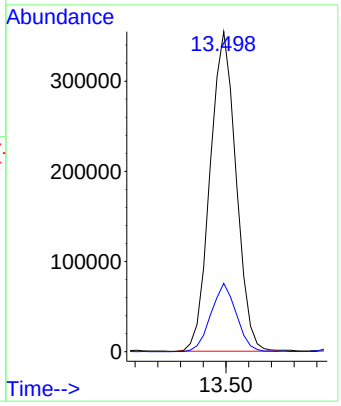




#81
sec-Butylbenzene
Concen: 20.552 ug/l
RT: 13.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:105 Resp: 56192

Ion	Ratio	Lower	Upper
105	100		
134	21.0	0.0	39.4



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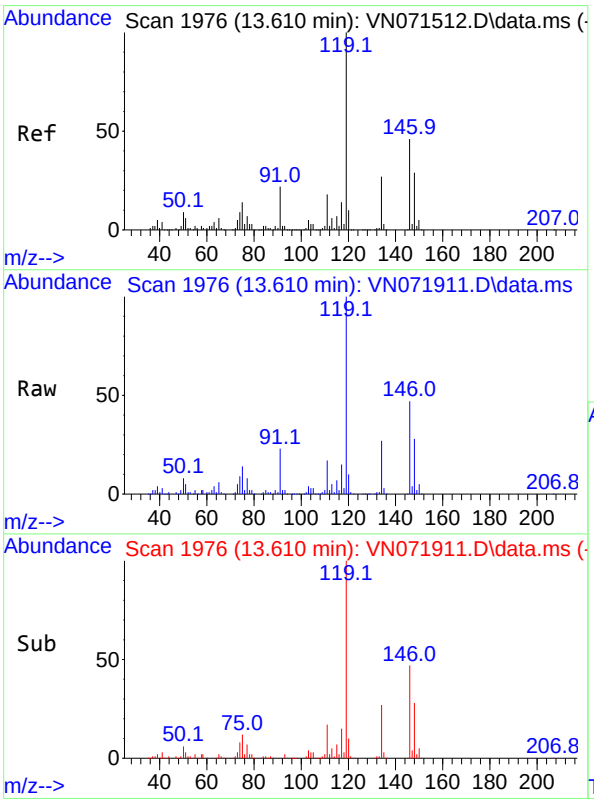
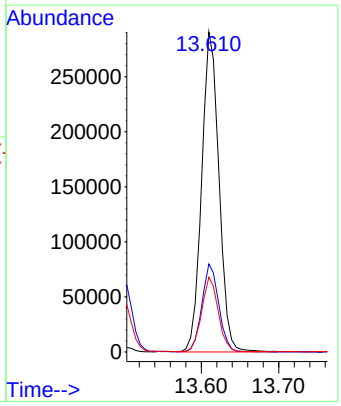
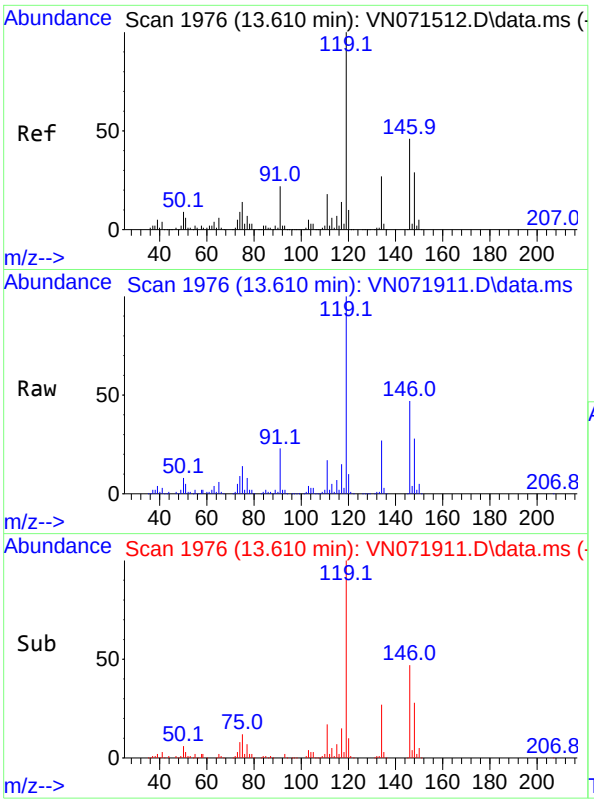


#82
p-Isopropyltoluene
Concen: 20.293 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:119 Resp: 450811

Ion	Ratio	Lower	Upper
119	100		
134	26.7	0.0	51.8
91	22.2	0.0	50.4

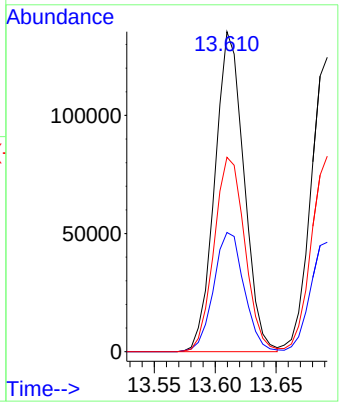




#83
1,3-Dichlorobenzene
Concen: 20.126 ug/l
RT: 13.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:146 Resp: 22581

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.8	62.2
148	64.0	31.4	94.3



Instrument :
MSVOA_N
ClientSampleId :
VN0408WBS01

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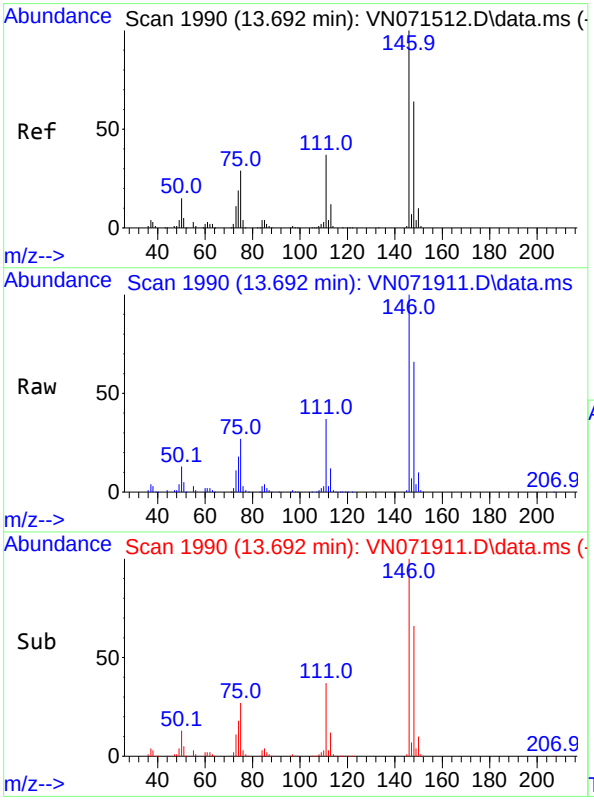
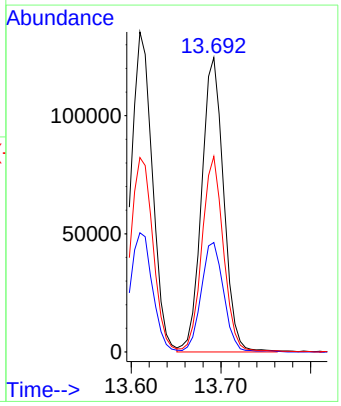
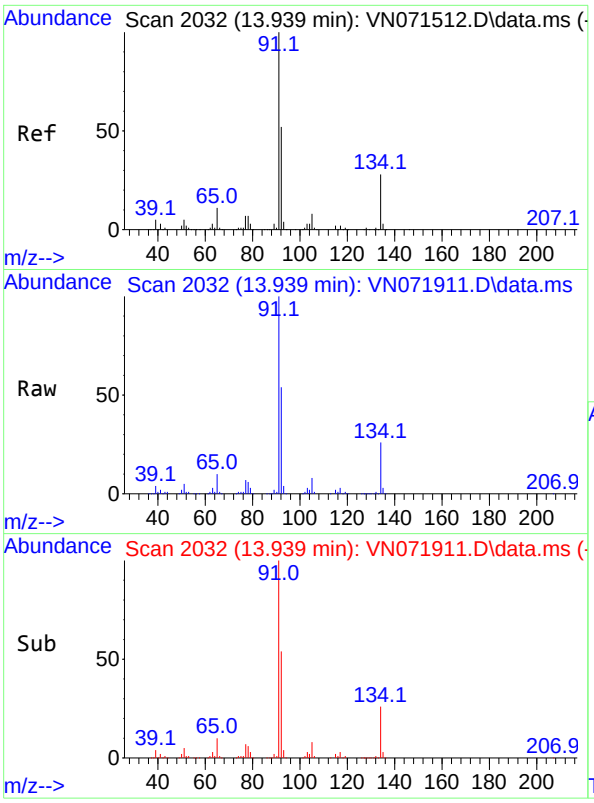


#84
1,4-Dichlorobenzene
Concen: 19.862 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:146 Resp: 212705

Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.5	58.5
148	63.7	31.1	93.5

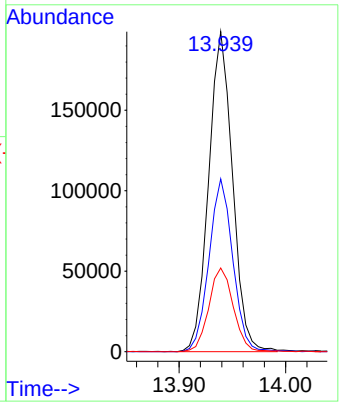




#85
n-Butylbenzene
Concen: 18.731 ug/l
RT: 13.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 91 Resp: 30907

Ion	Ratio	Lower	Upper
91	100		
92	54.0	0.0	100.6
134	26.9	0.0	50.2



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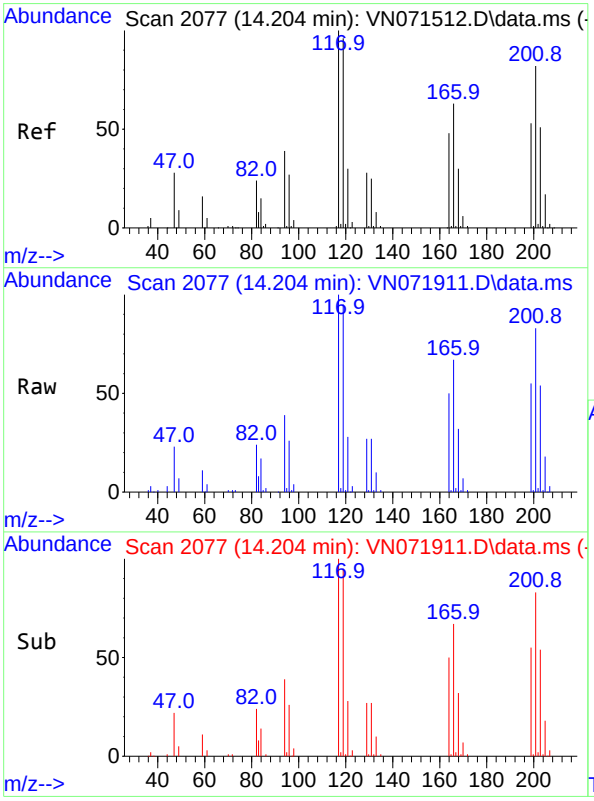
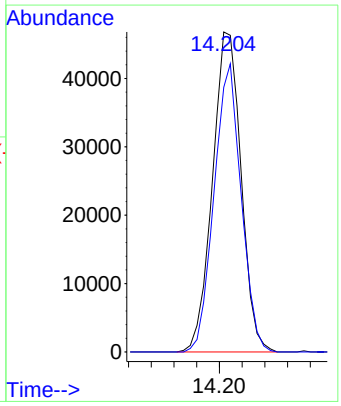
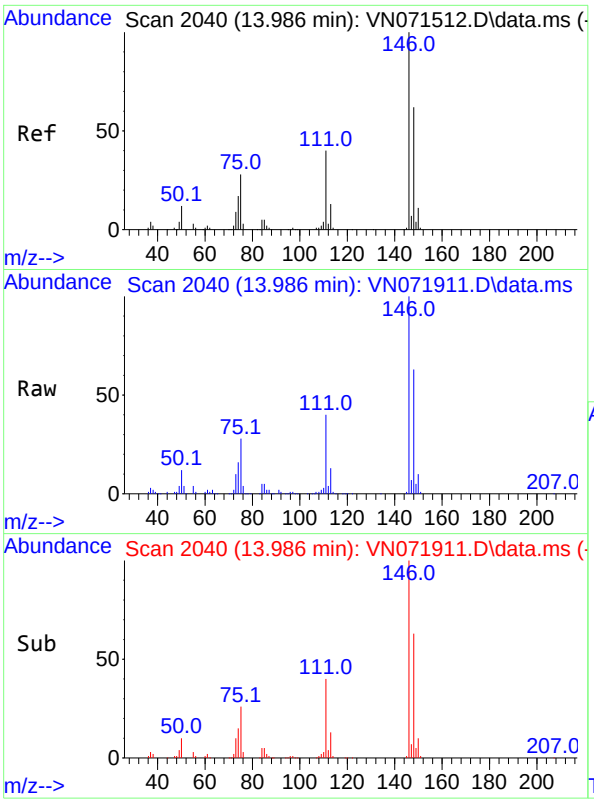


#86
Hexachloroethane
Concen: 19.720 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:117 Resp: 81806

Ion	Ratio	Lower	Upper
117	100		
201	85.3	33.3	99.8

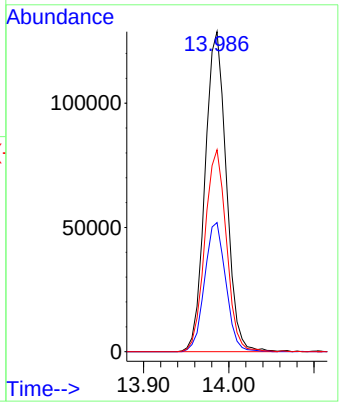




#87
1,2-Dichlorobenzene
Concen: 20.564 ug/l
RT: 13.986 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:146 Resp: 22306

Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.4	64.2
148	64.0	32.5	97.4



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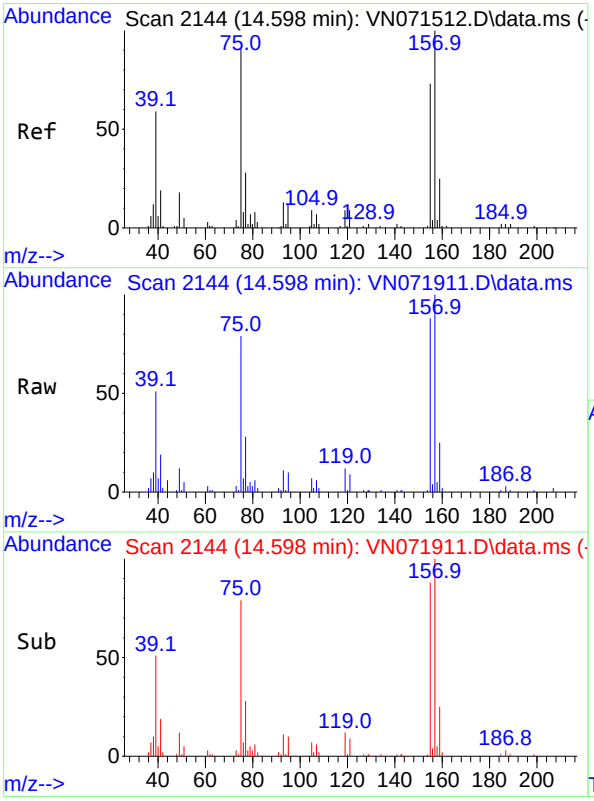
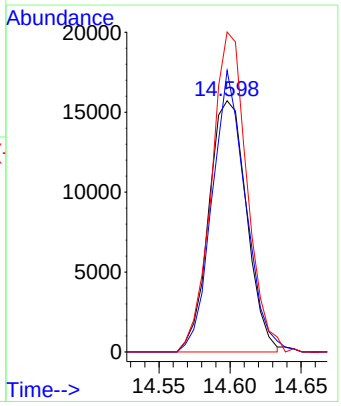
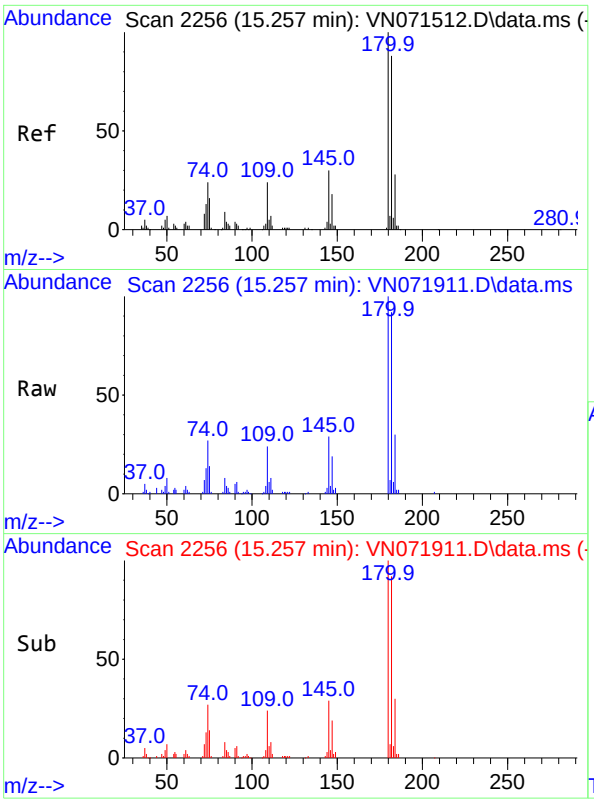


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.851 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion: 75 Resp: 29056

Ion	Ratio	Lower	Upper
75	100		
155	99.6	63.8	95.8#
157	119.7	77.9	116.9#

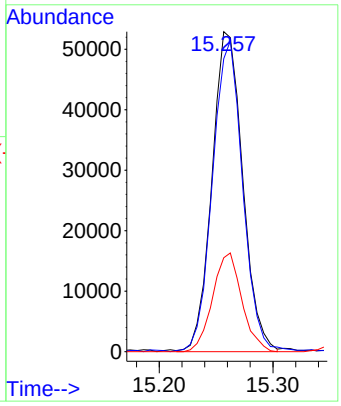




#89
1,2,4-Trichlorobenzene
Concen: 19.802 ug/l
RT: 15.257 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:180 Resp: 9929

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.7	116.5
145	29.4	26.6	39.8



Instrument :
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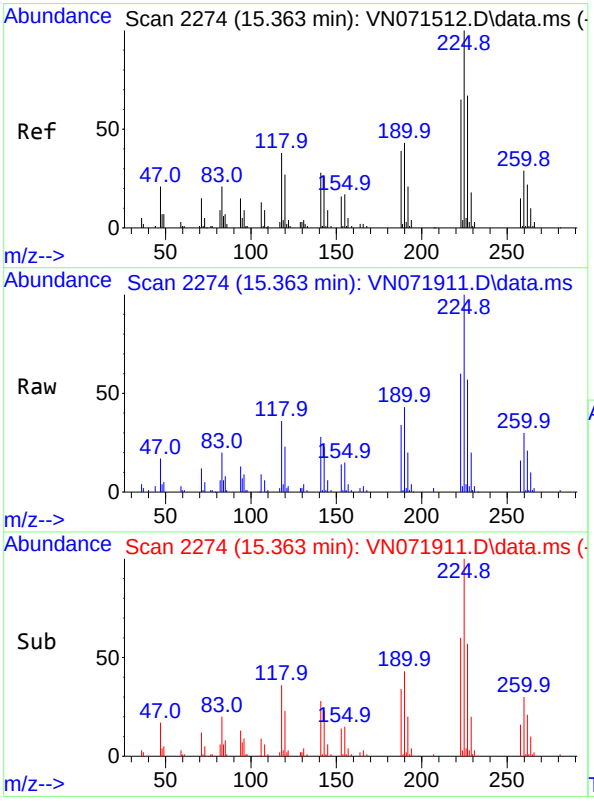
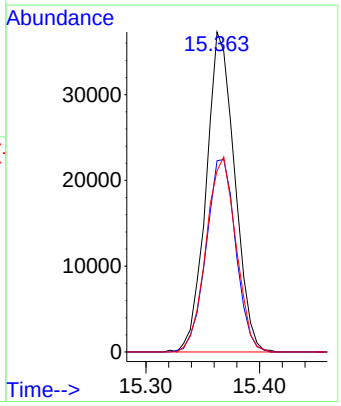
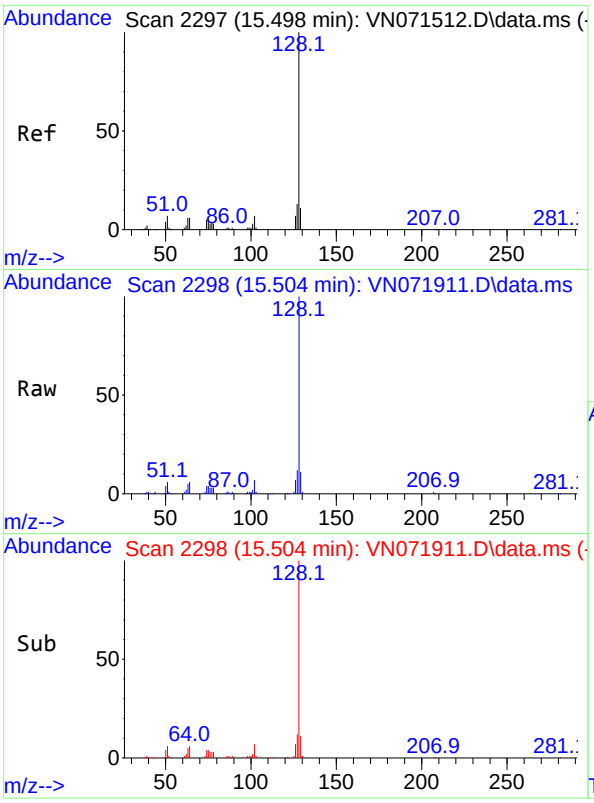


#90
Hexachlorobutadiene
Concen: 21.853 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:225 Resp: 64930

Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	126.8
227	63.7	0.0	123.0

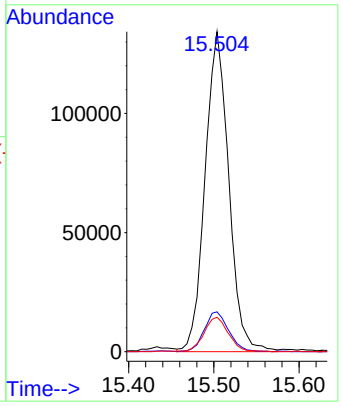




#91
Naphthalene
Concen: 20.303 ug/l
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:128 Resp: 25924

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	11.1	9.0	13.6



Instrument :
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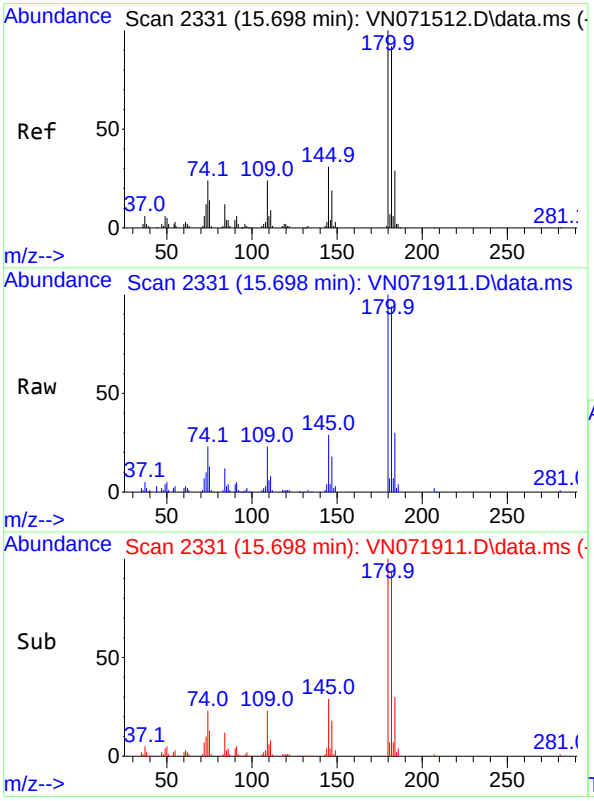
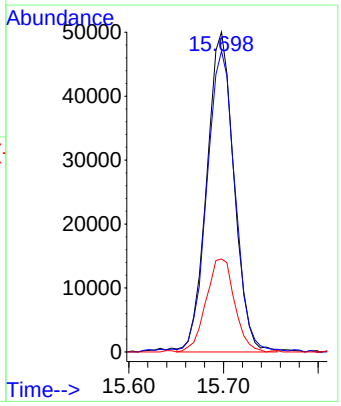


#92
1,2,3-Trichlorobenzene
Concen: 20.359 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071911.D
Acq: 08 Apr 2022 13:31

Tgt Ion:180 Resp: 100119

Ion	Ratio	Lower	Upper
180	100		
182	96.7	0.0	190.0
145	30.3	0.0	67.8