Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
Data File : VN070701.D
Acq On : 19 Jan 2022 15:46
Operator : JC/MD
Sample : VN0119MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 20 03:39:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone
01/20/2022
Supervised By :Mahesh Dadoda
01/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.083	168	831869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1386711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1256479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	503381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	608722	51.059	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.120%			
35) Dibromofluoromethane	8.021	113	433571	50.405	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.800%			
50) Toluene-d8	10.440	98	1785583	49.275	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.540%			
62) 4-Bromofluorobenzene	12.731	95	621978	48.167	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	158755	16.515	ug/l	98
3) Chloromethane	2.303	50	230991	16.440	ug/l	99
4) Vinyl Chloride	2.448	62	200955	15.037	ug/l	97
5) Bromomethane	2.845	94	129559	18.614	ug/l	98
6) Chloroethane	3.014	64	136754	16.398	ug/l	97
7) Trichlorofluoromethane	3.376	101	270453	17.715	ug/l	96
8) Diethyl Ether	3.824	74	126291	18.937	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	168640	18.277	ug/l	95
10) Methyl Iodide	4.419	142	225633	18.963	ug/l	97
11) Tert butyl alcohol	5.382	59	200732	93.325	ug/l #	85
12) 1,1-Dichloroethene	4.178	96	169072	18.372	ug/l	95
13) Acrolein	4.041	56	309576	100.356	ug/l	99
14) Allyl chloride	4.838	41	342357	17.074	ug/l #	84
15) Acrylonitrile	5.554	53	605050	88.427	ug/l	99
16) Acetone	4.285	43	1525631	184.372	ug/l	98
17) Carbon Disulfide	4.527	76	398026	15.925	ug/l	99
18) Methyl Acetate	4.856	43	286191	17.586	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	581019	17.673	ug/l	93
20) Methylene Chloride	5.093	84	182048	16.702	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	158137	17.073	ug/l	86
22) Diisopropyl ether	6.495	45	701927	17.661	ug/l	93
23) Vinyl Acetate	6.433	43	3041366	90.274	ug/l	95
24) 1,1-Dichloroethane	6.388	63	341922	17.199	ug/l	97
25) 2-Butanone	7.335	43	899480	86.385	ug/l	91
26) 2,2-Dichloropropane	7.324	77	256590	16.834	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	187214	17.015	ug/l	86
28) Bromochloromethane	7.656	49	165312	18.520	ug/l #	77
29) Tetrahydrofuran	7.686	42	587196	92.100	ug/l	87
30) Chloroform	7.817	83	335696	16.957	ug/l	98
31) Cyclohexane	8.094	56	352446	16.788	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	269827	17.486	ug/l	97
36) 1,1-Dichloropropene	8.220	75	244813	16.906	ug/l	95
37) Ethyl Acetate	7.415	43	335793	17.466	ug/l	97
38) Carbon Tetrachloride	8.206	117	220295	17.100	ug/l	99
39) Methylcyclohexane	9.459	83	292412	16.357	ug/l #	87
40) Benzene	8.458	78	787095	17.542	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Manual Integrations APPROVED

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01/20/2022
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01/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.638	41	169410	17.321	ug/l		88
42) 1,2-Dichloroethane	8.528	62	271781	17.469	ug/l		97
43) Isopropyl Acetate	8.560	43	550173	18.736	ug/l	#	92
44) Trichloroethene	9.215	130	167383	16.455	ug/l		90
45) 1,2-Dichloropropane	9.488	63	208373	17.068	ug/l		99
46) Dibromomethane	9.577	93	121898	17.172	ug/l		93
47) Bromodichloromethane	9.762	83	242792	16.732	ug/l		100
48) Methyl methacrylate	9.558	41	257535	18.410	ug/l	#	79
49) 1,4-Dioxane	9.569	88	78798	374.993	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.330	43	1711313	91.332	ug/l		98
52) Toluene	10.505	92	671626	25.023	ug/l		97
53) t-1,3-Dichloropropene	10.717	75	276339	17.353	ug/l		99
54) cis-1,3-Dichloropropene	10.188	75	292963	16.835	ug/l		97
55) 1,1,2-Trichloroethane	10.899	97	181025	17.169	ug/l		98
56) Ethyl methacrylate	10.759	69	318796	17.467	ug/l		89
57) 1,3-Dichloropropane	11.044	76	325461	17.436	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.041	63	450571	102.284	ug/l		90
59) 2-Hexanone	11.084	43	1258323	92.443	ug/l		96
60) Dibromochloromethane	11.237	129	169162	17.200	ug/l		100
61) 1,2-Dibromoethane	11.344	107	181030	17.100	ug/l		99
64) Tetrachloroethene	10.977	164	144270	15.660	ug/l		94
65) Chlorobenzene	11.768	112	472204	17.346	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.840	131	163880	17.482	ug/l		99
67) Ethyl Benzene	11.843	91	888617	17.606	ug/l		95
68) m/p-Xylenes	11.950	106	655420	35.696	ug/l		91
69) o-Xylene	12.280	106	322849	17.718	ug/l		91
70) Styrene	12.294	104	513716	17.623	ug/l		95
71) Bromoform	12.457	173	123190	17.397	ug/l	#	99
73) Isopropylbenzene	12.578	105	827813	17.383	ug/l		97
74) N-amyl acetate	12.387	43	364449	18.717	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.825	83	288852	17.960	ug/l		97
76) 1,2,3-Trichloropropane	12.878	75	254161m	19.037	ug/l		
77) Bromobenzene	12.859	156	188372	17.642	ug/l		75
78) n-propylbenzene	12.918	91	932415	17.507	ug/l		96
79) 2-Chlorotoluene	13.007	91	589661	17.502	ug/l		91
80) 1,3,5-Trimethylbenzene	13.058	105	685801	17.808	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.623	75	81251	18.131	ug/l		95
82) 4-Chlorotoluene	13.104	91	554805	17.626	ug/l		91
83) tert-Butylbenzene	13.321	119	587502	17.525	ug/l		94
84) 1,2,4-Trimethylbenzene	13.366	105	666060	17.993	ug/l		97
85) sec-Butylbenzene	13.500	105	794796	17.439	ug/l		96
86) p-Isopropyltoluene	13.616	119	635130	17.740	ug/l		97
87) 1,3-Dichlorobenzene	13.613	146	310533	17.483	ug/l		96
88) 1,4-Dichlorobenzene	13.694	146	302409	17.108	ug/l		97
89) n-Butylbenzene	13.940	91	500140	16.934	ug/l		97
90) Hexachloroethane	14.211	117	107077	17.110	ug/l		93
91) 1,2-Dichlorobenzene	13.989	146	302419	17.233	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	47500	17.411	ug/l		82
93) 1,2,4-Trichlorobenzene	15.263	180	135123	16.959	ug/l		97
94) Hexachlorobutadiene	15.370	225	90579	17.428	ug/l		99
95) Naphthalene	15.504	128	381798	18.128	ug/l		100
96) 1,2,3-Trichlorobenzene	15.700	180	134989	17.424	ug/l		99

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ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 20 03:39:20 2022
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Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone
01/20/2022
Supervised By :Mahesh Dadoda
01/20/2022

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\VN011922\
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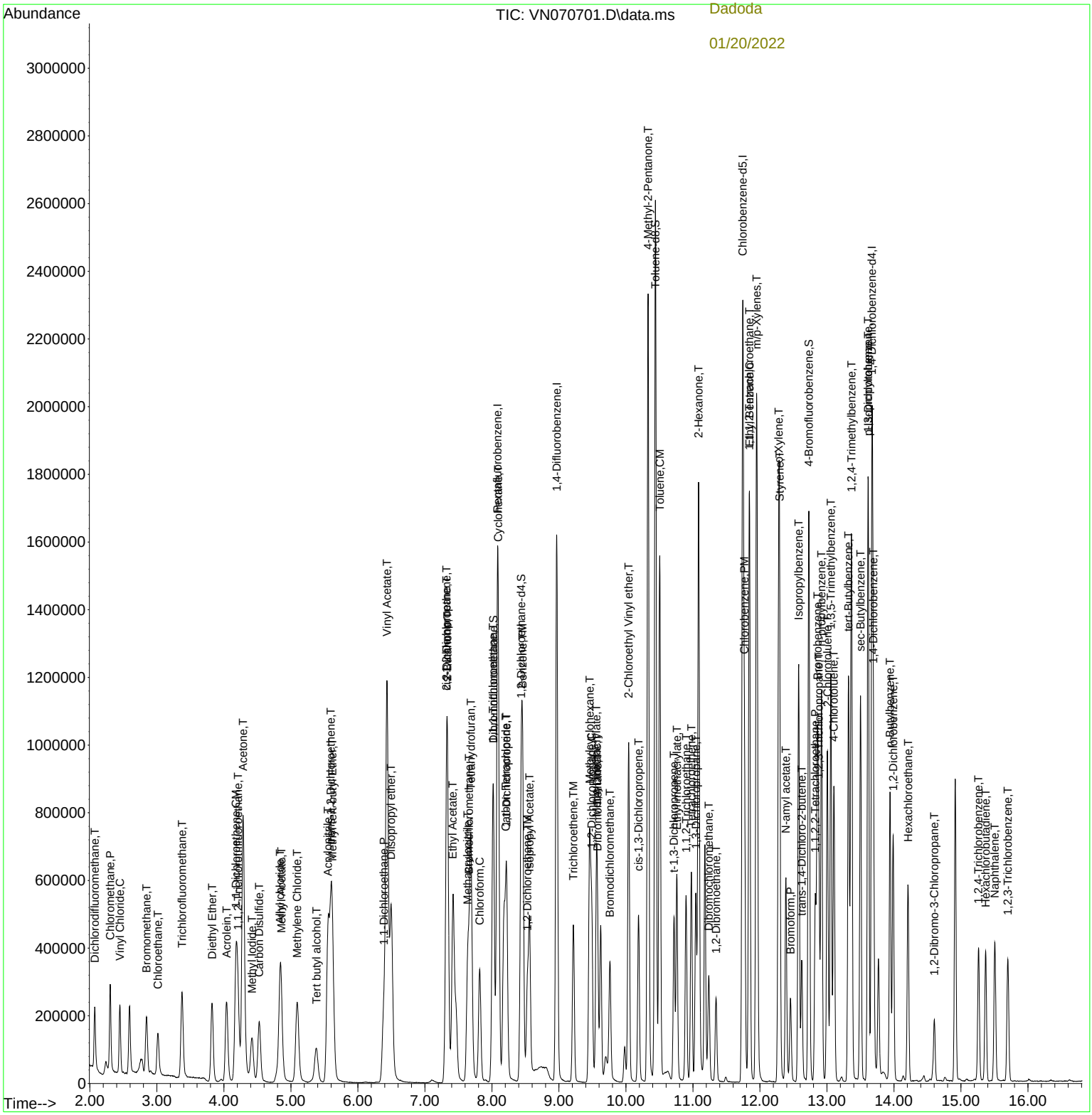
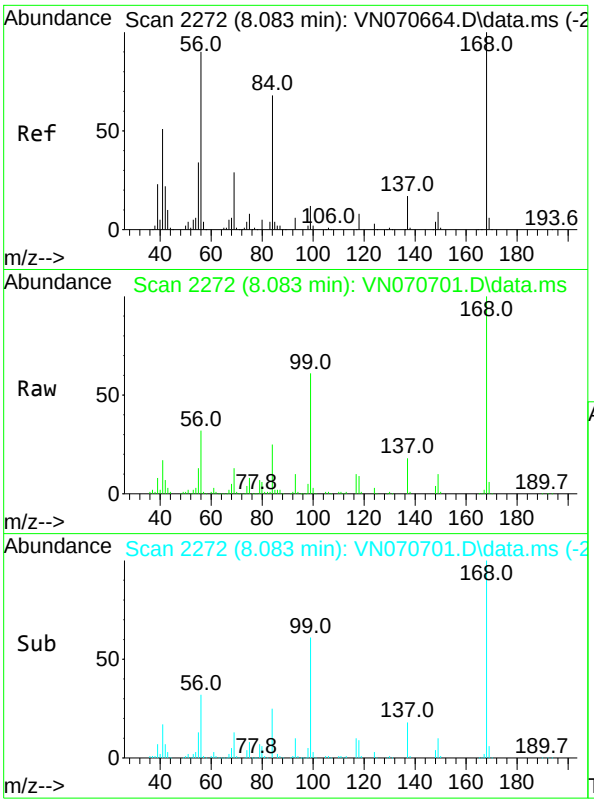
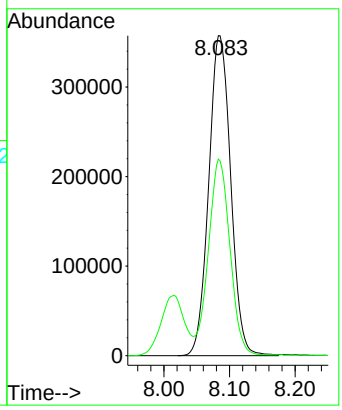




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:168 Resp: 83186

Ion	Ratio	Lower	Upper
168	100		
99	61.2	41.3	61.9



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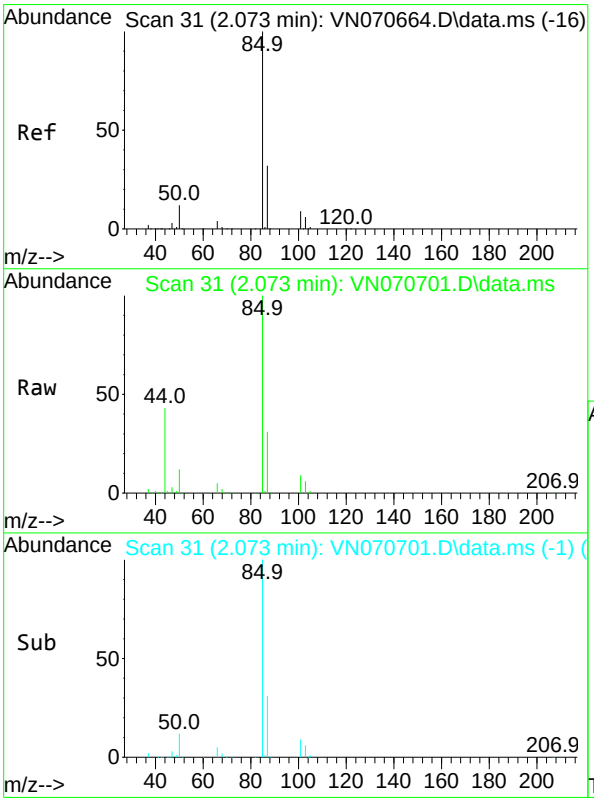
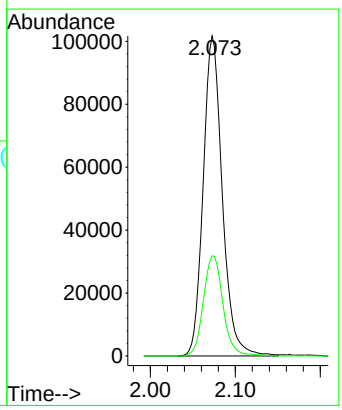
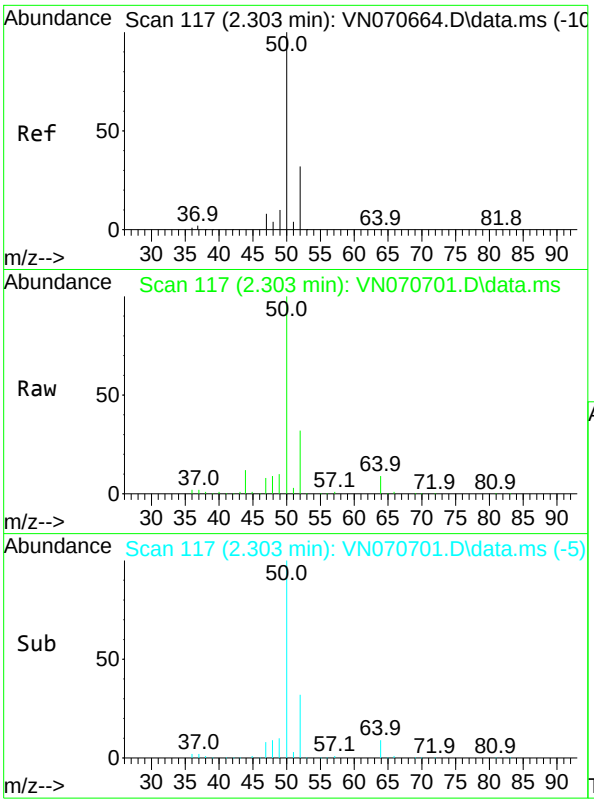


#2
Dichlorodifluoromethane
Concen: 16.515 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 85 Resp: 158755

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.3	48.9

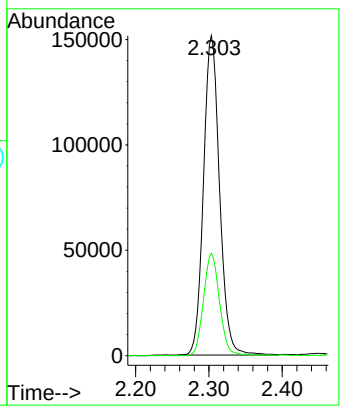




#3
Chloromethane
Concen: 16.440 ug/l
RT: 2.303 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 50 Resp: 23099

Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.4	38.0



Instrument :
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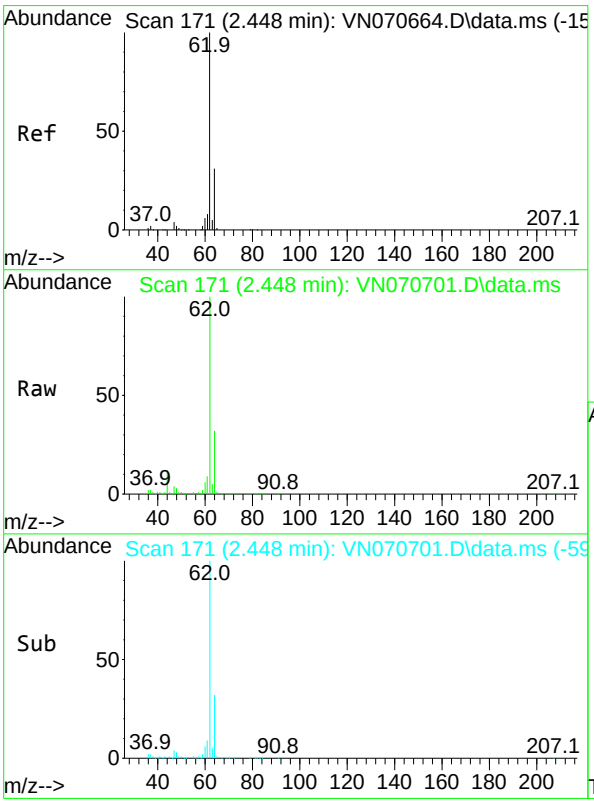
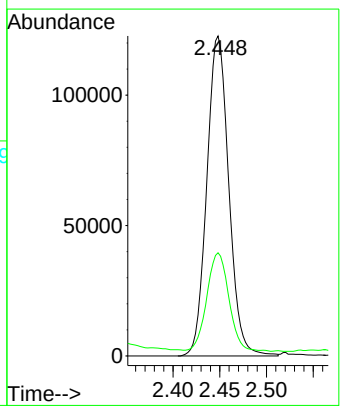
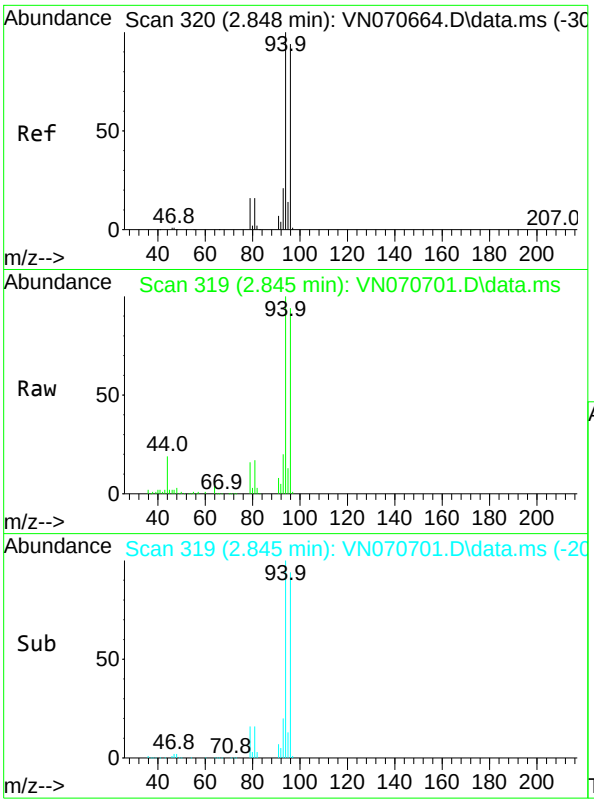


#4
Vinyl Chloride
Concen: 15.037 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 62 Resp: 200955

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.8	38.6

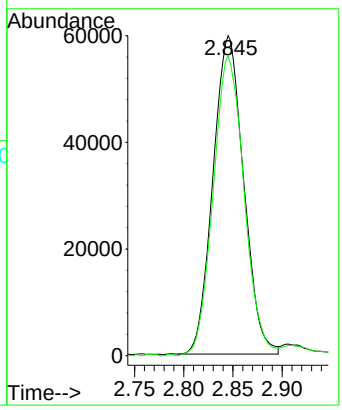




#5
Bromomethane
Concen: 18.614 ug/l
RT: 2.845 min Scan# 3
Delta R.T. -0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 94 Resp: 12955

Ion	Ratio	Lower	Upper
94	100		
96	94.1	73.8	110.8



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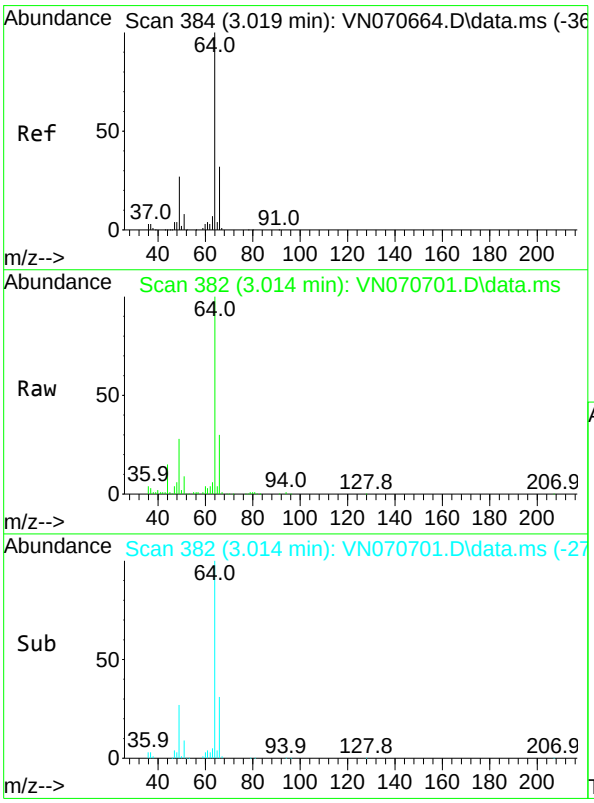
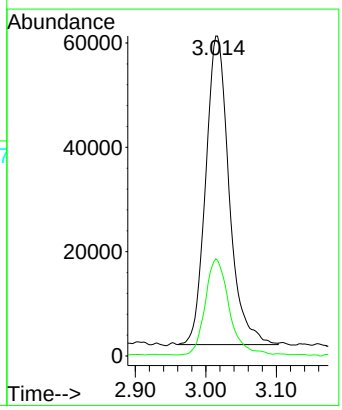
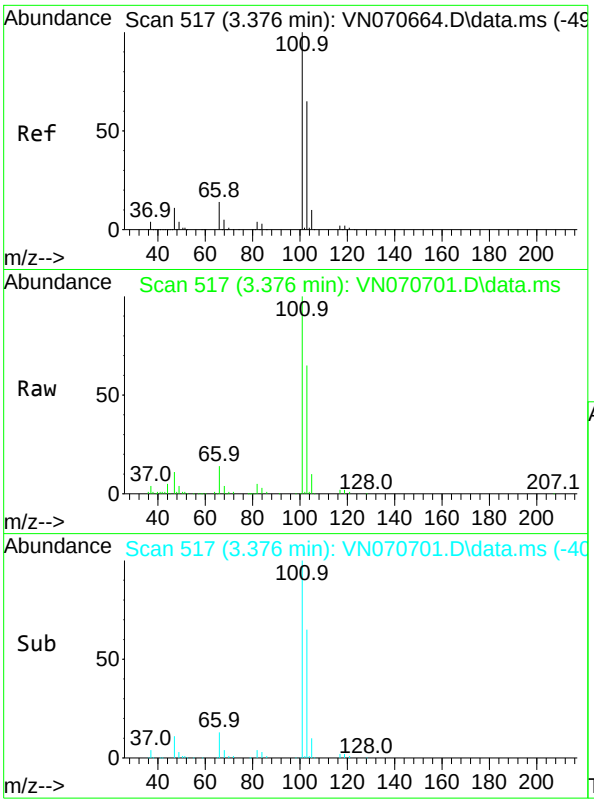


#6
Chloroethane
Concen: 16.398 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.005 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 64 Resp: 136754

Ion	Ratio	Lower	Upper
64	100		
66	31.1	26.3	39.5

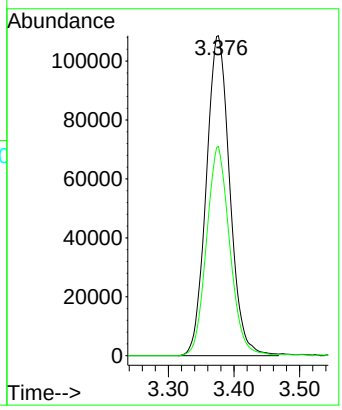




#7
Trichlorofluoromethane
Concen: 17.715 ug/l
RT: 3.376 min Scan# 5
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:101 Resp: 27045

Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.1	75.1



Instrument :
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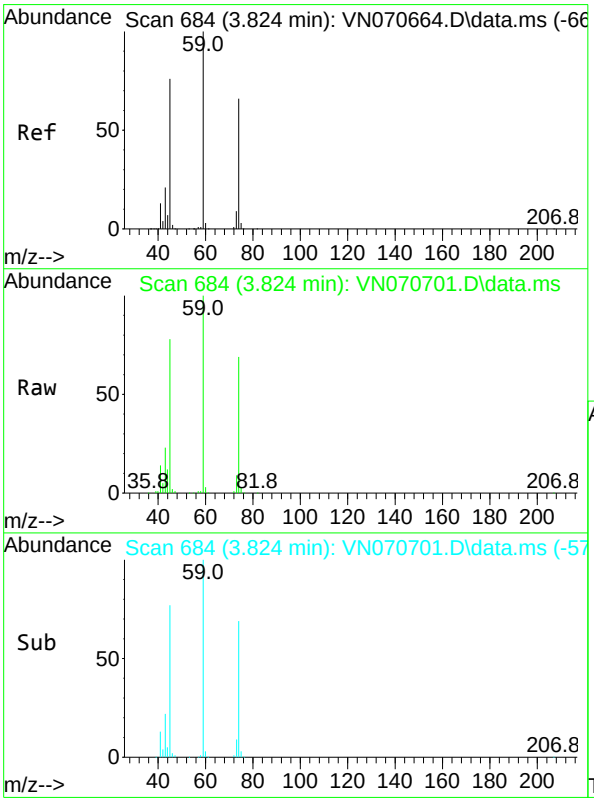
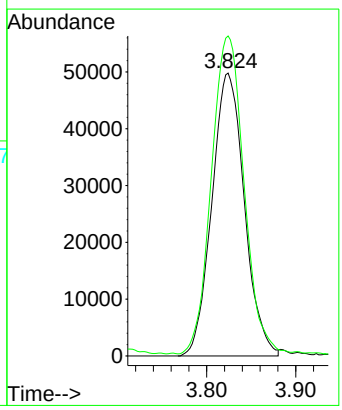
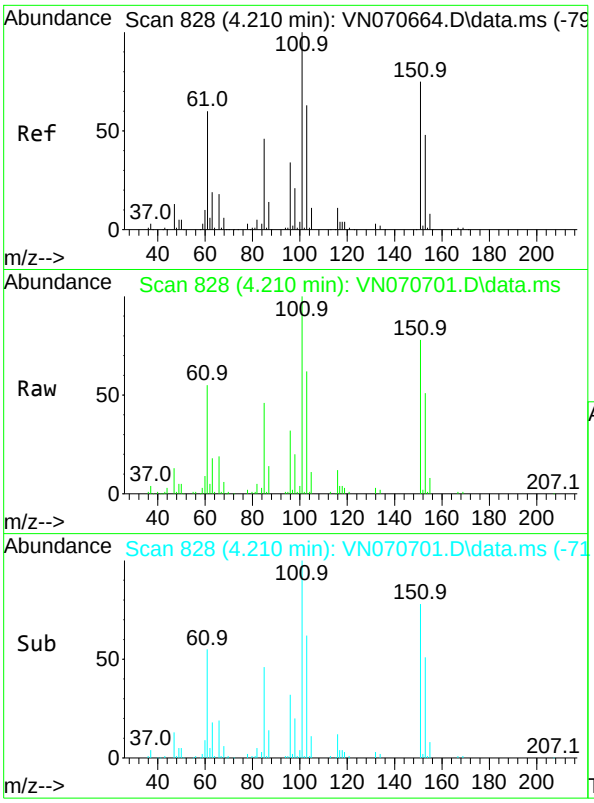


#8
Diethyl Ether
Concen: 18.937 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 74 Resp: 126291

Ion	Ratio	Lower	Upper
74	100		
45	112.6	47.0	141.2

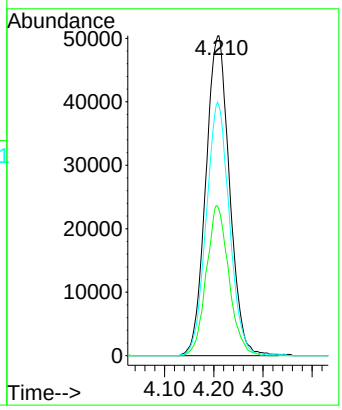




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.277 ug/l
RT: 4.210 min Scan# 8
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:101 Resp: 16864

Ion	Ratio	Lower	Upper
101	100		
85	44.6	37.2	55.8
151	77.4	65.9	98.9



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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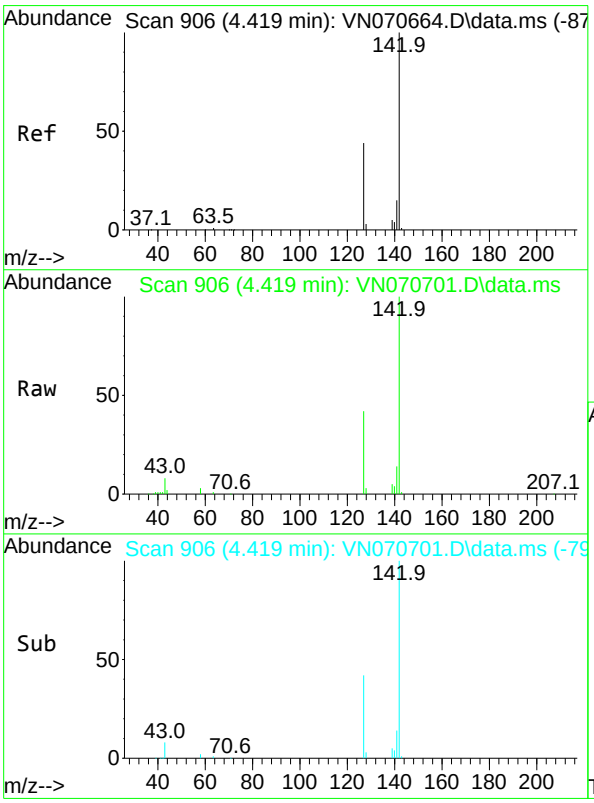
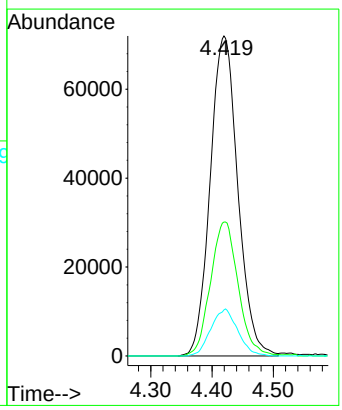
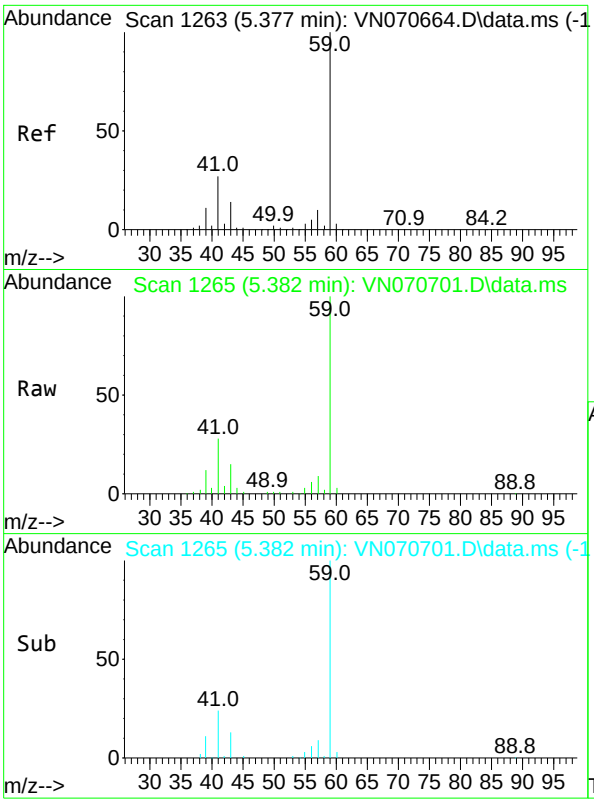


#10
Methyl Iodide
Concen: 18.963 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:142 Resp: 225633

Ion	Ratio	Lower	Upper
142	100		
127	42.0	35.4	53.0
141	14.3	11.6	17.4

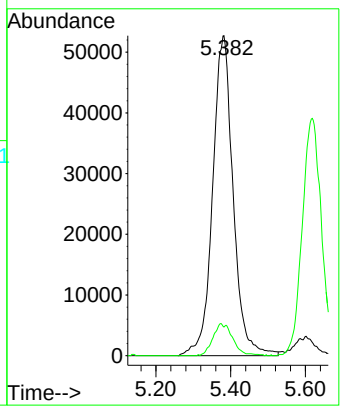




#11
Tert butyl alcohol
Concen: 93.325 ug/l
RT: 5.382 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 59 Resp: 20073

Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.7	13.1



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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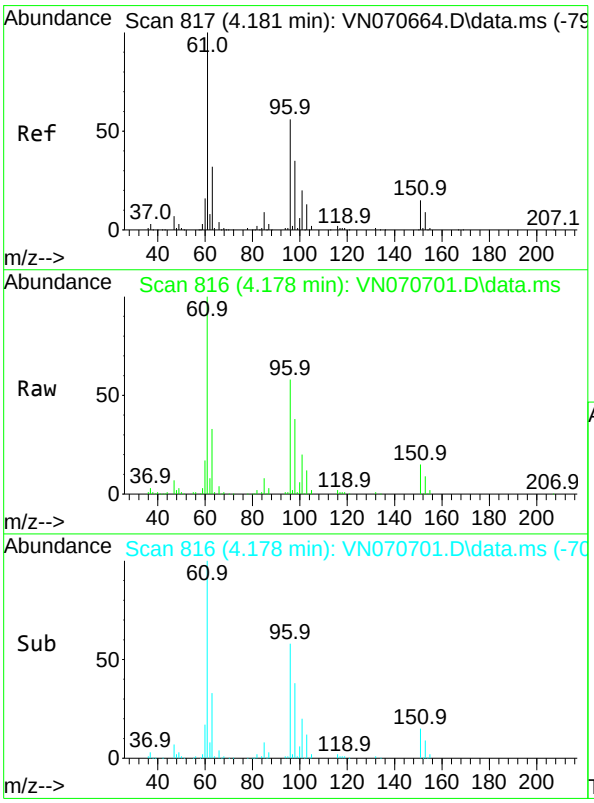
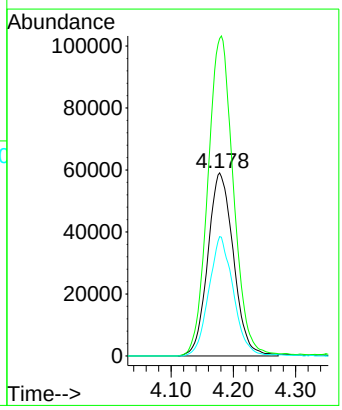
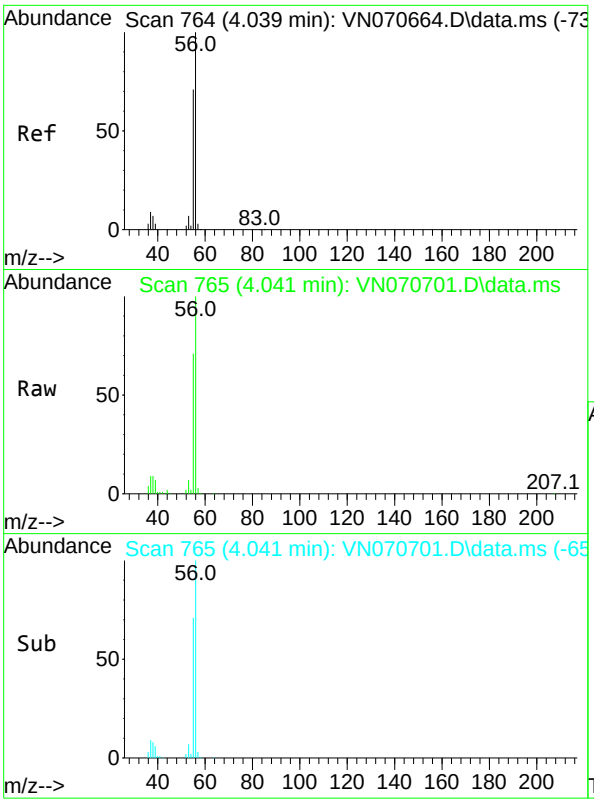


#12
1,1-Dichloroethene
Concen: 18.372 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 96 Resp: 169072

Ion	Ratio	Lower	Upper
96	100		
61	173.5	131.0	196.6
98	65.2	52.4	78.6

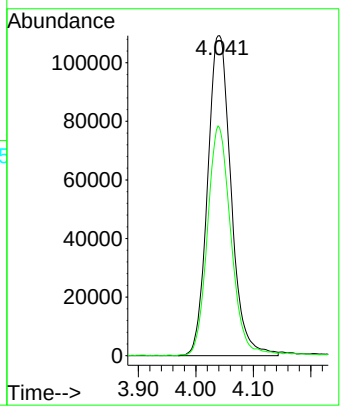




#13
Acrolein
Concen: 100.356 ug/l
RT: 4.041 min Scan# 7
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 56 Resp: 30957

Ion	Ratio	Lower	Upper
56	100		
55	71.7	56.6	85.0



Instrument :
MSVOA_N
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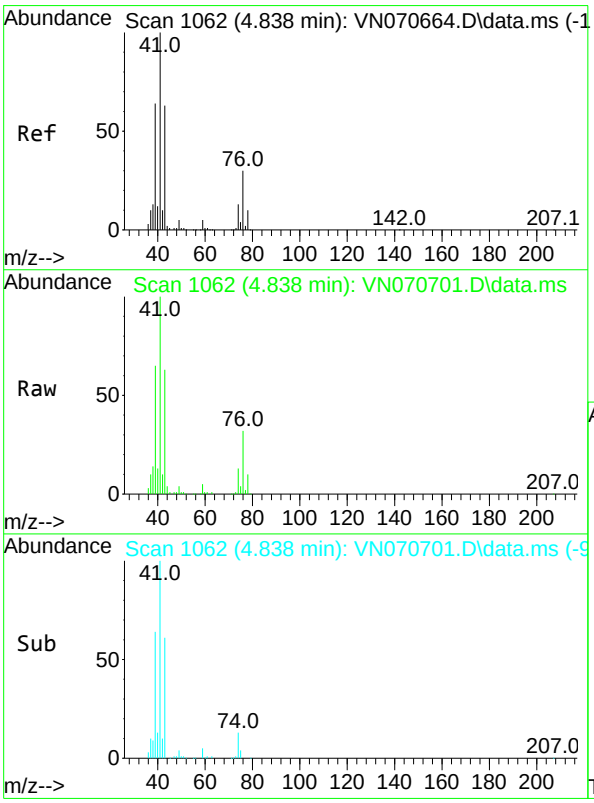
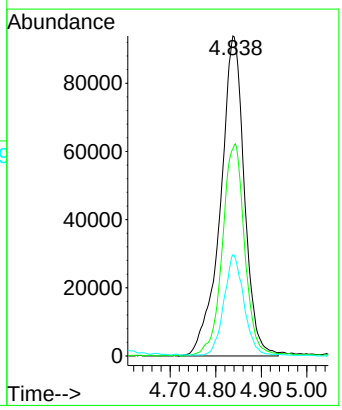
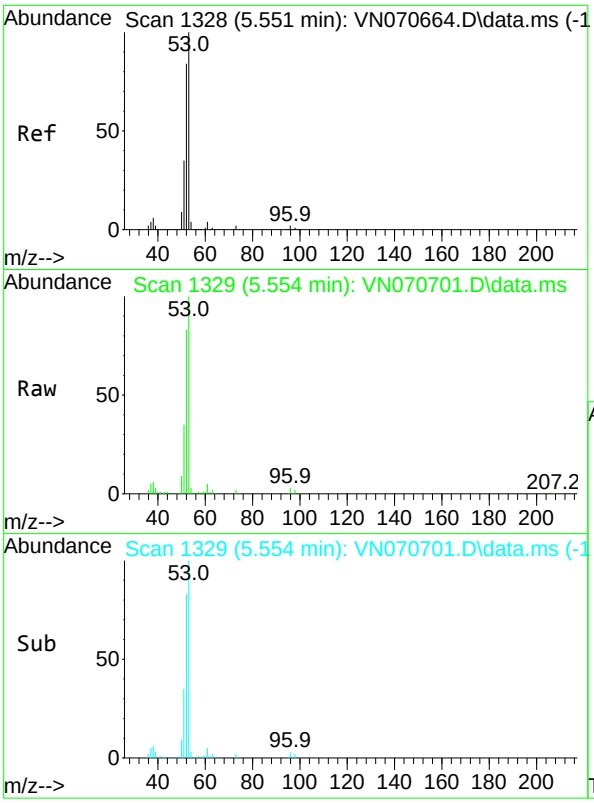


#14
Allyl chloride
Concen: 17.074 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 41 Resp: 342357

Ion	Ratio	Lower	Upper
41	100		
39	61.6	61.2	91.8
76	25.7	26.0	39.0#

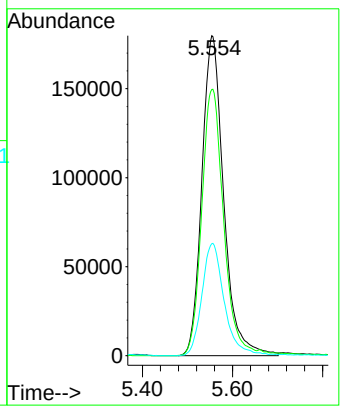




#15
Acrylonitrile
Concen: 88.427 ug/l
RT: 5.554 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 53 Resp: 60505

Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.2
51	35.9	29.6	44.4



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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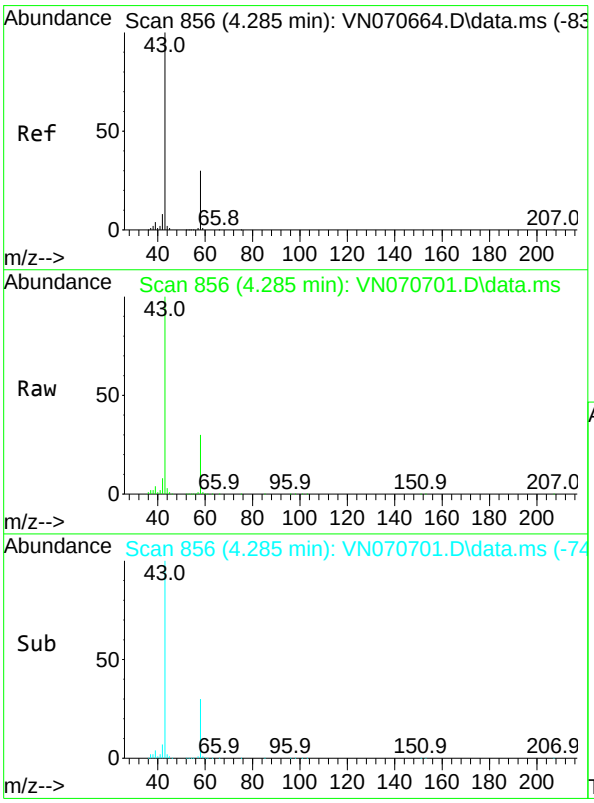
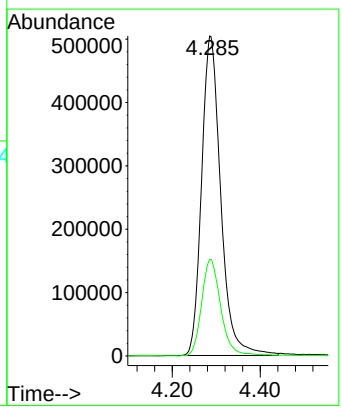
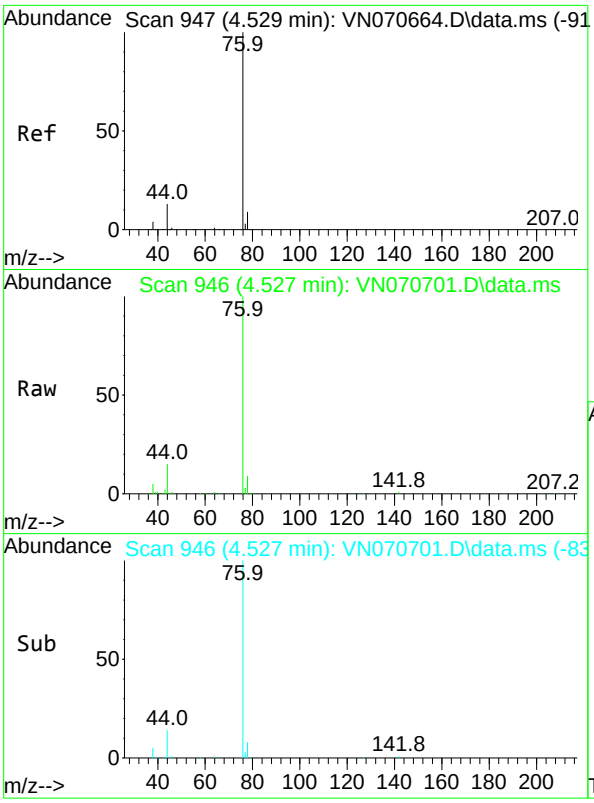


#16
Acetone
Concen: 184.372 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 1525631

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.1	34.7

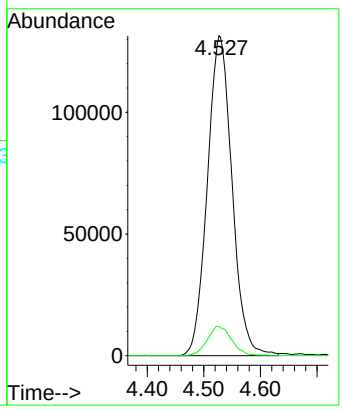




#17
Carbon Disulfide
Concen: 15.925 ug/l
RT: 4.527 min Scan# 94
Delta R.T. -0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 76 Resp: 39802

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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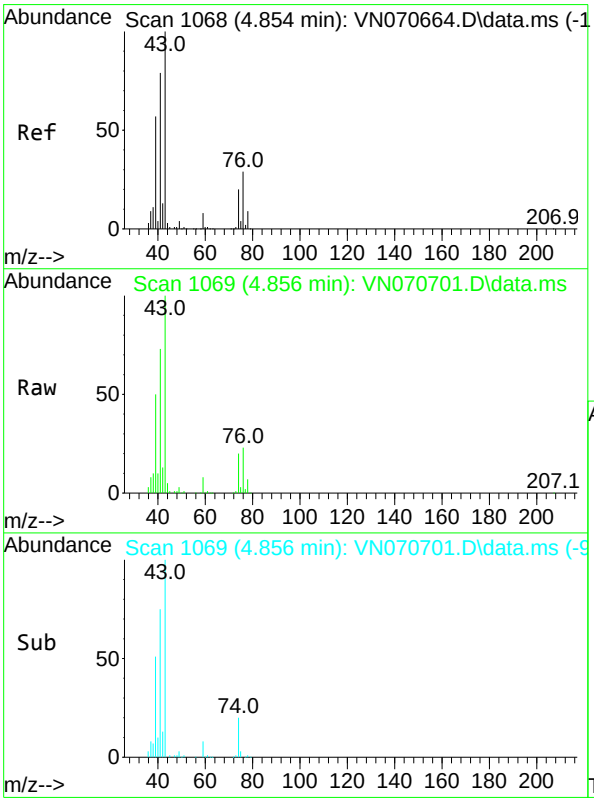
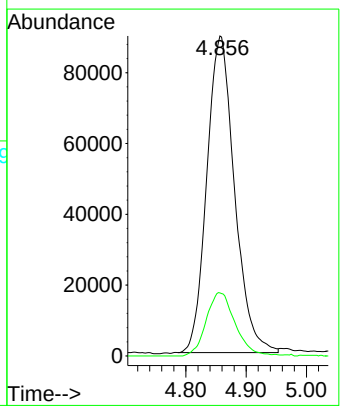
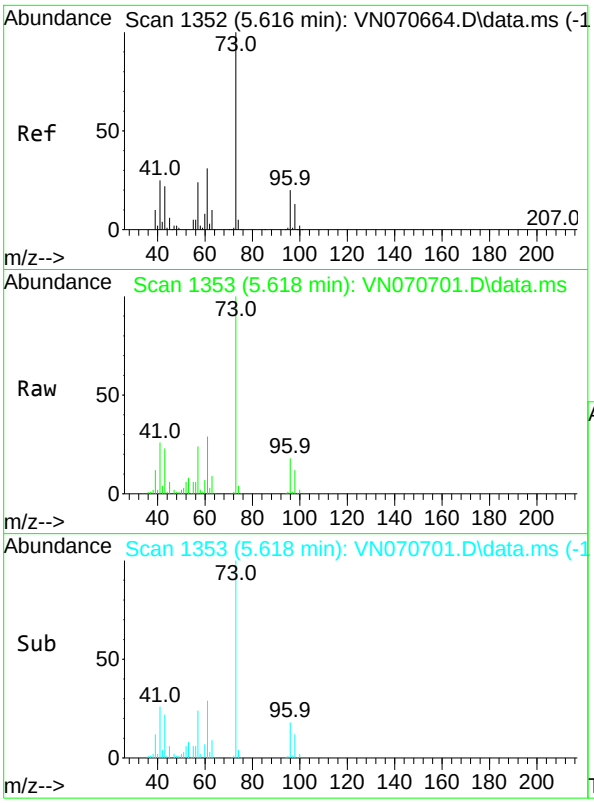


#18
Methyl Acetate
Concen: 17.586 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 286191

Ion	Ratio	Lower	Upper
43	100		
74	20.8	19.4	29.2

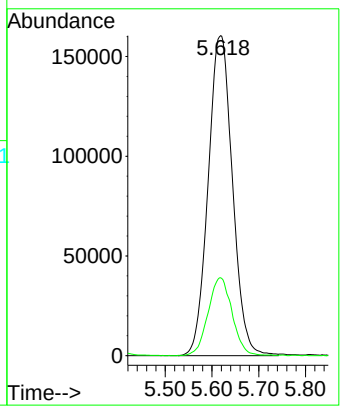




#19
Methyl tert-butyl Ether
Concen: 17.673 ug/l
RT: 5.618 min Scan# 1
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 73 Resp: 58101

Ion	Ratio	Lower	Upper
73	100		
57	24.3	16.8	25.2



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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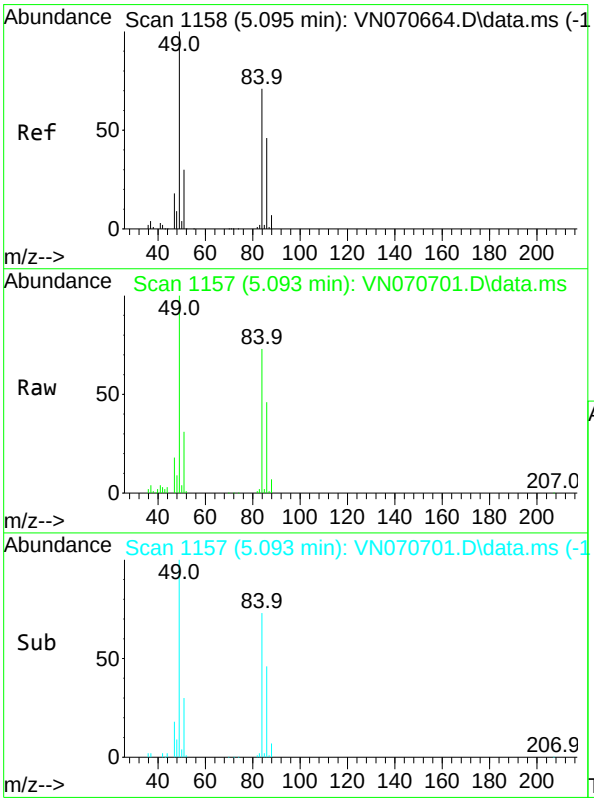
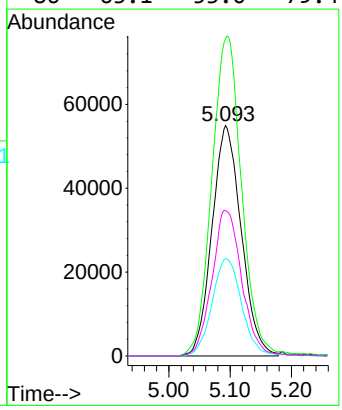
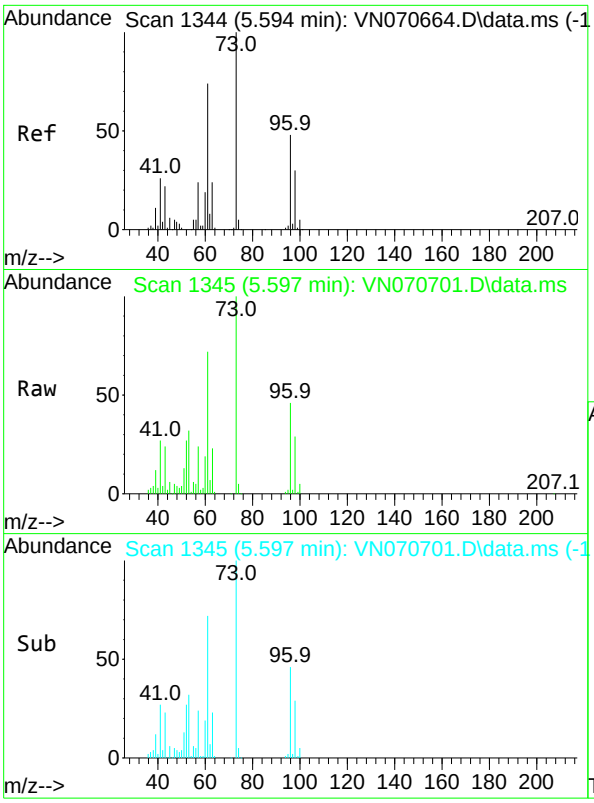


#20
Methylene Chloride
Concen: 16.702 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 84 Resp: 182048

Ion	Ratio	Lower	Upper
84	100		
49	137.5	93.5	140.3
51	42.2	29.4	44.2
86	63.1	53.0	79.4

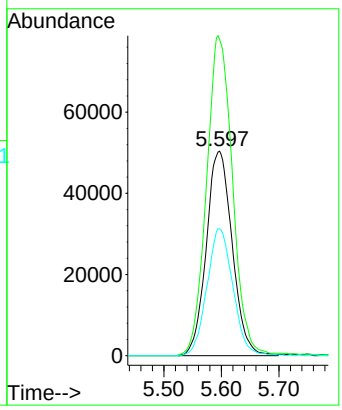




#21
trans-1,2-Dichloroethene
Concen: 17.073 ug/l
RT: 5.597 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 96 Resp: 15813

Ion	Ratio	Lower	Upper
96	100		
61	154.2	105.8	158.6
98	62.1	52.0	78.0



Instrument :
MSVOA_N
ClientSampleId :
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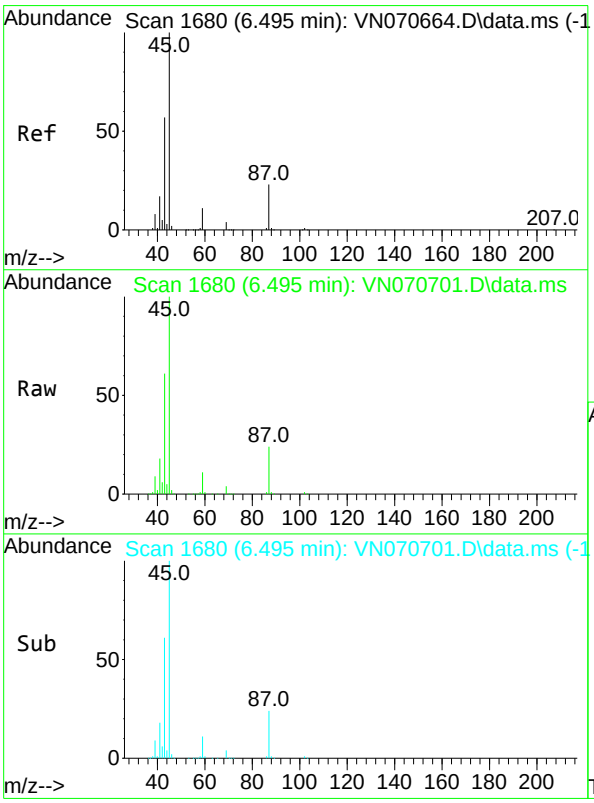
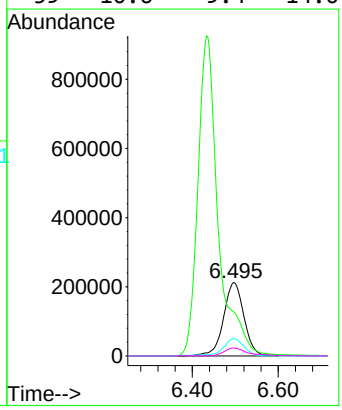
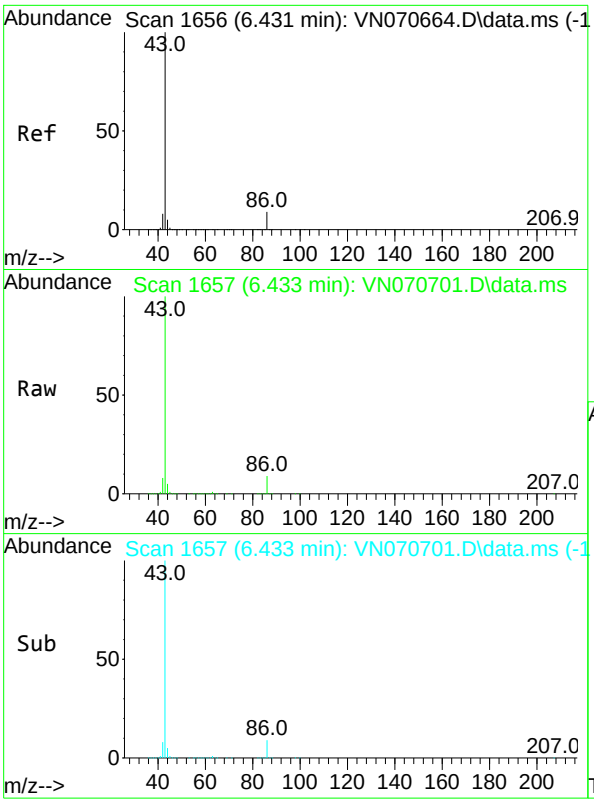


#22
Diisopropyl ether
Concen: 17.661 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 45 Resp: 701927

Ion	Ratio	Lower	Upper
45	100		
43	60.2	51.7	77.5
87	23.4	23.2	34.8
59	10.6	9.4	14.0

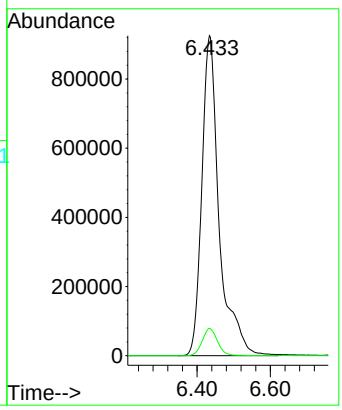




#23
Vinyl Acetate
Concen: 90.274 ug/l
RT: 6.433 min Scan# 1
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 304136

Ion	Ratio	Lower	Upper
43	100		
86	8.6	8.5	12.7



Instrument :
MSVOA_N
ClientSampleId :
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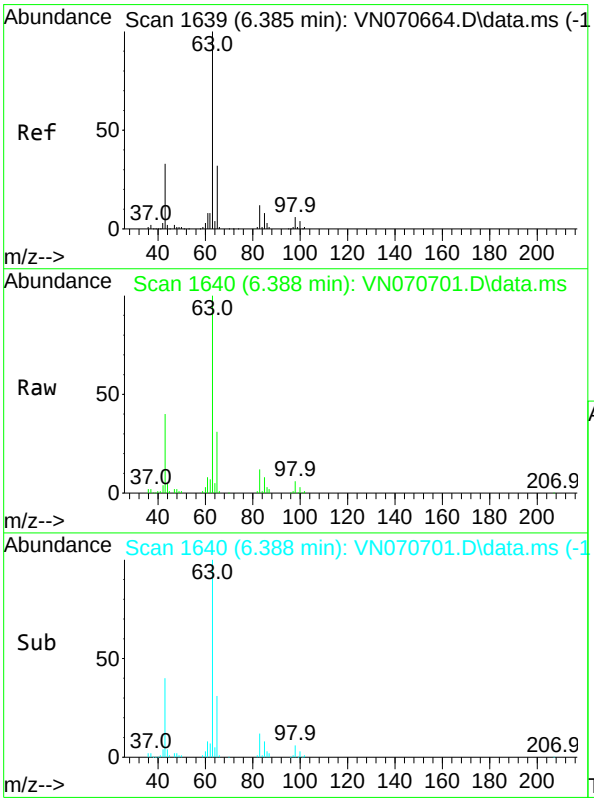
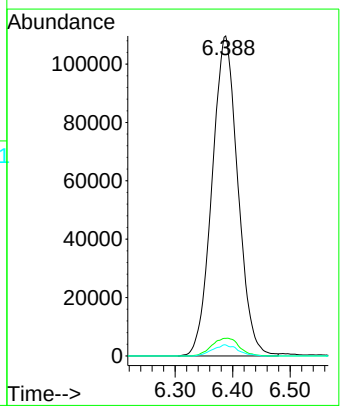
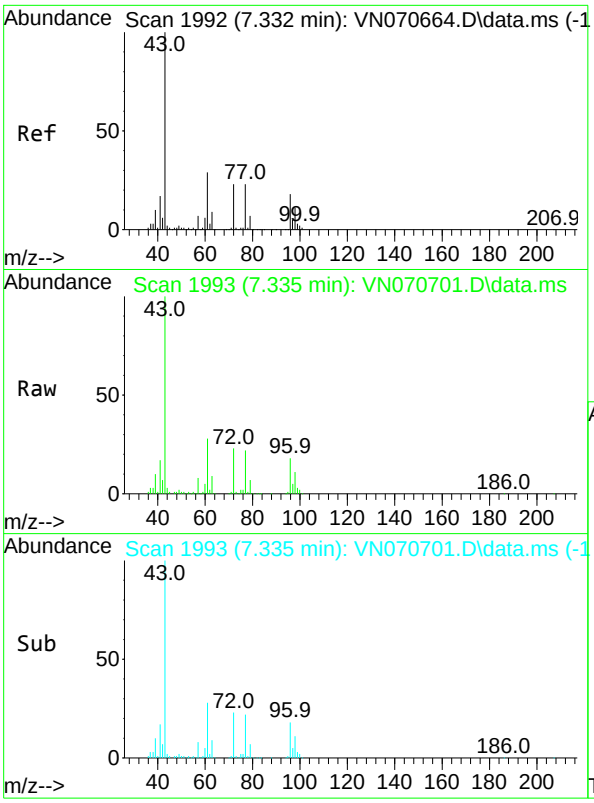


#24
1,1-Dichloroethane
Concen: 17.199 ug/l
RT: 6.388 min Scan# 1640
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 63 Resp: 341922

Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.3	9.9
100	3.4	2.1	6.5

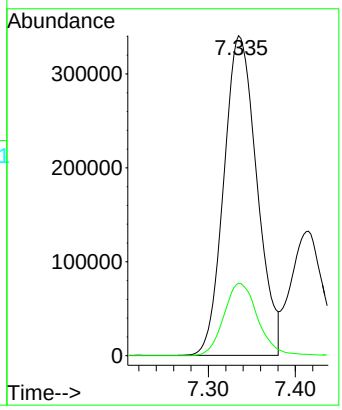




#25
2-Butanone
Concen: 86.385 ug/l
RT: 7.335 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 89948

Ion	Ratio	Lower	Upper
43	100		
72	22.7	21.7	32.5



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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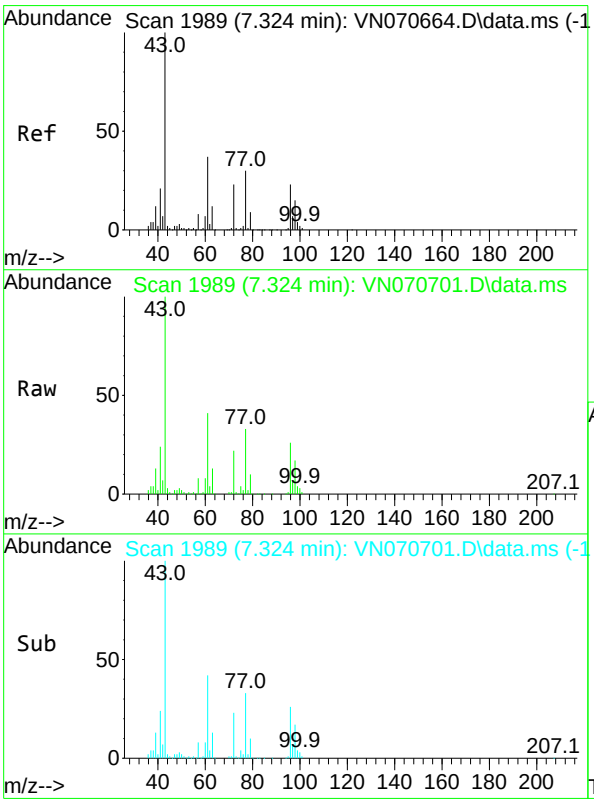
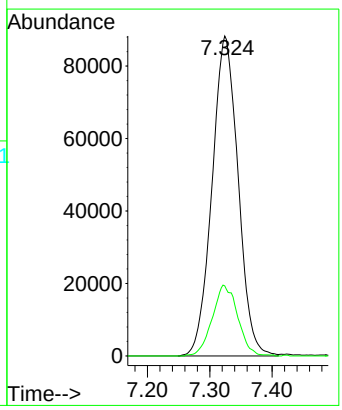
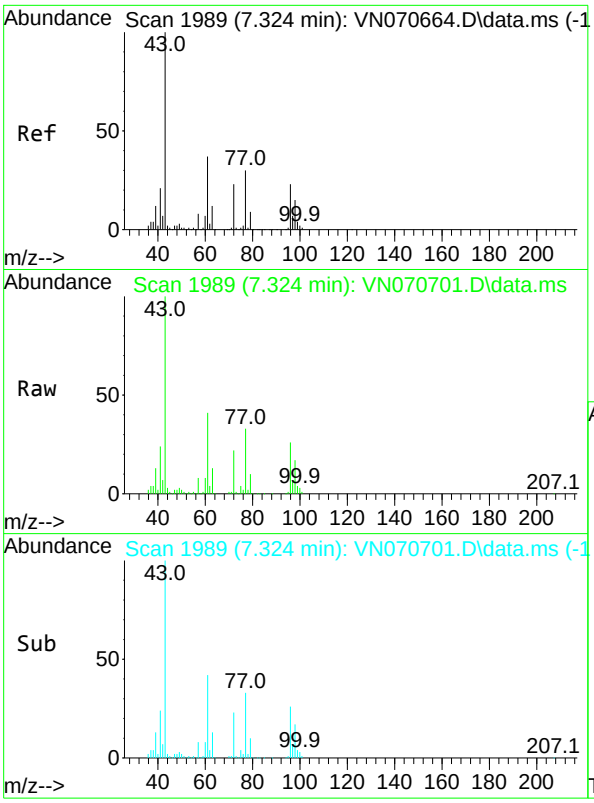


#26
2,2-Dichloropropane
Concen: 16.834 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 77 Resp: 256590

Ion	Ratio	Lower	Upper
77	100		
97	21.6	11.6	34.8

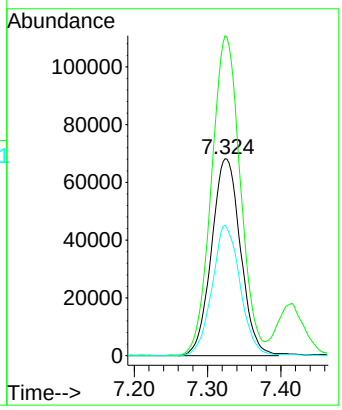




#27
cis-1,2-Dichloroethene
Concen: 17.015 ug/l
RT: 7.324 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 96 Resp: 18721

Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	275.0
98	63.9	0.0	129.6



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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Dadoda

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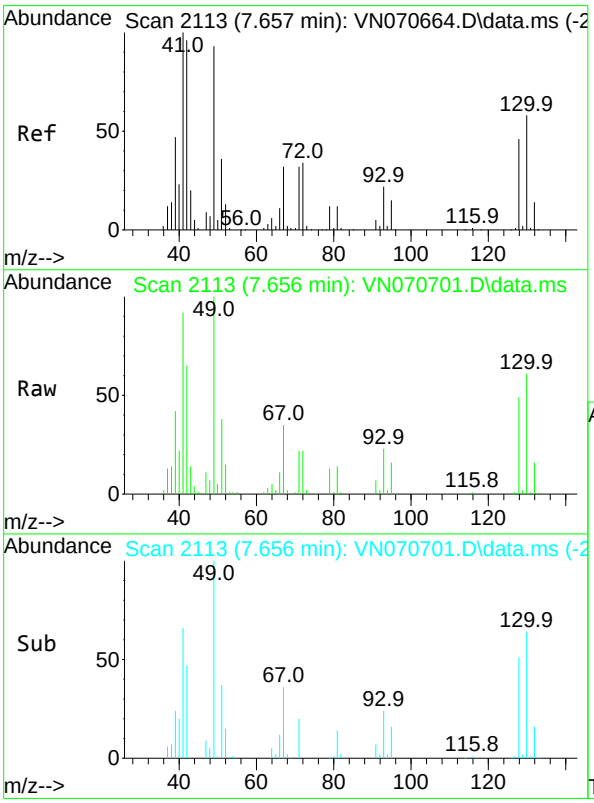
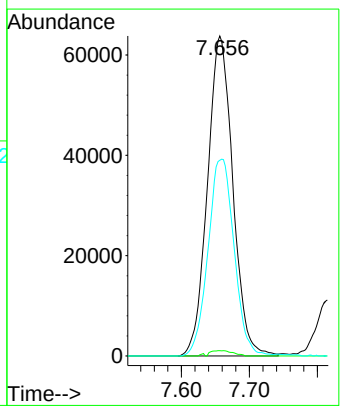
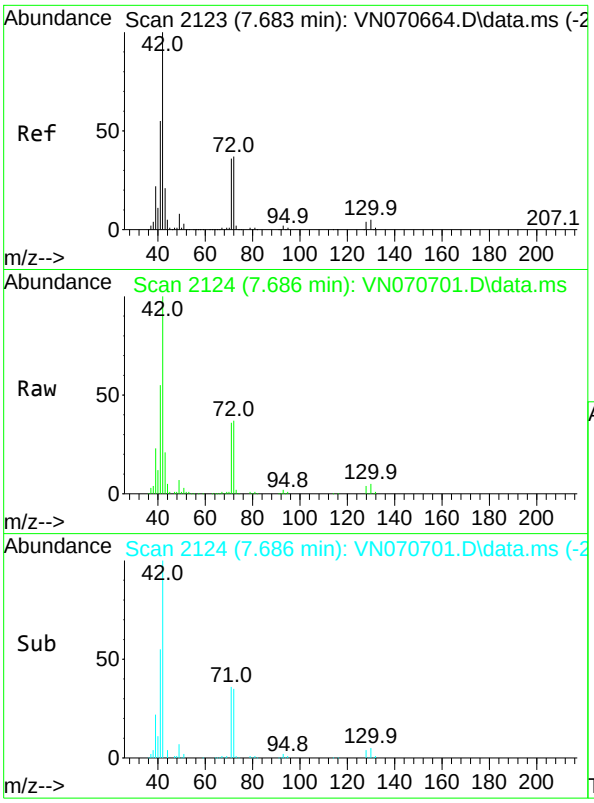


#28
Bromochloromethane
Concen: 18.520 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 49 Resp: 165312

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	63.3	67.8	101.8#

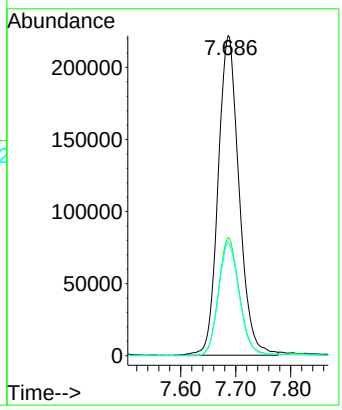




#29
Tetrahydrofuran
Concen: 92.100 ug/l
RT: 7.686 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 42 Resp: 58719

Ion	Ratio	Lower	Upper
42	100		
72	36.6	36.3	54.5
71	35.2	34.7	52.1



Instrument :
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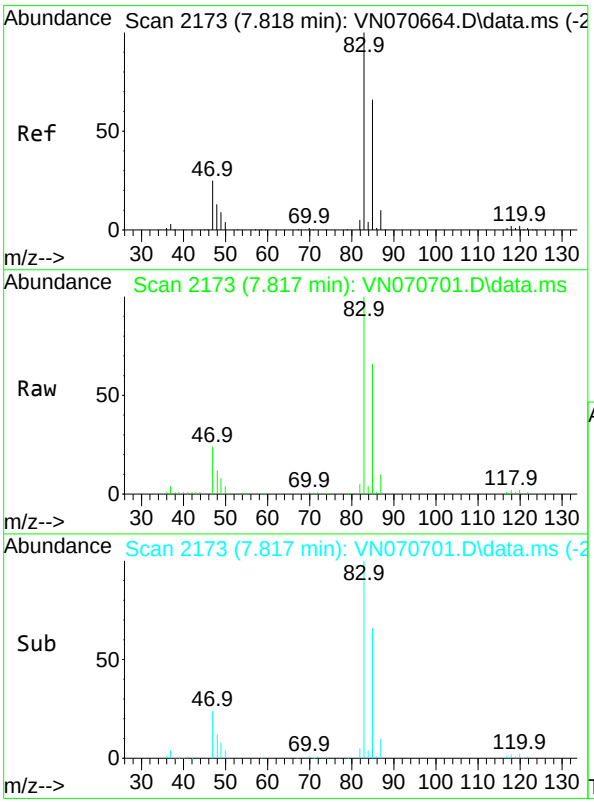
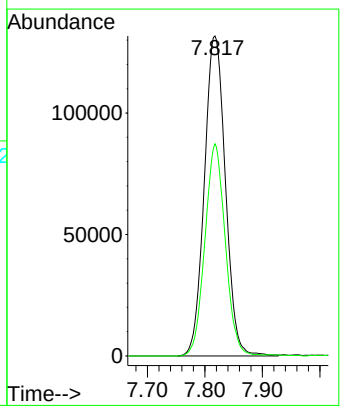
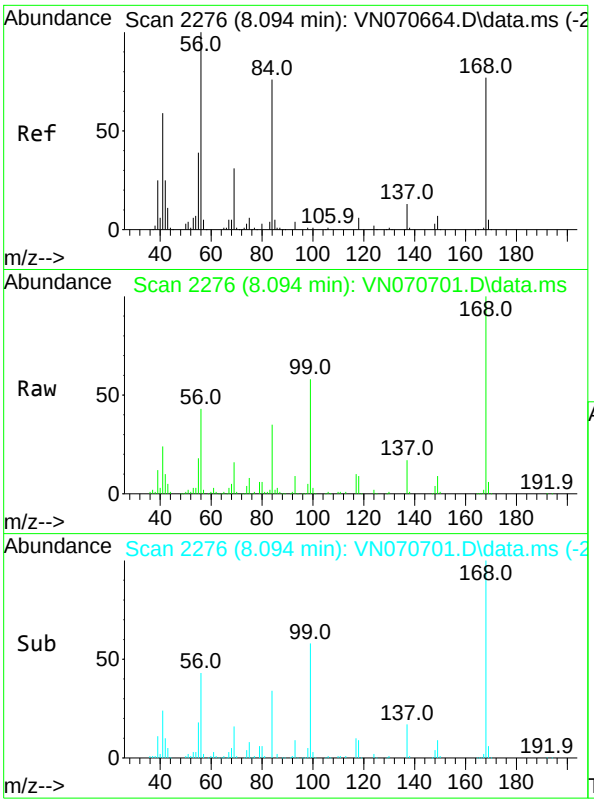


#30
Chloroform
Concen: 16.957 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.001 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 83 Resp: 335696

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.9	77.9

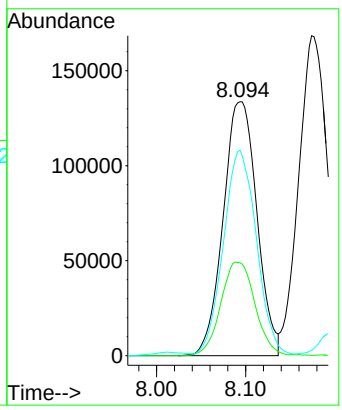




#31
Cyclohexane
Concen: 16.788 ug/l
RT: 8.094 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 56 Resp: 35244

Ion	Ratio	Lower	Upper
56	100		
69	36.6	27.1	40.7
84	79.8	73.4	110.0



Instrument :
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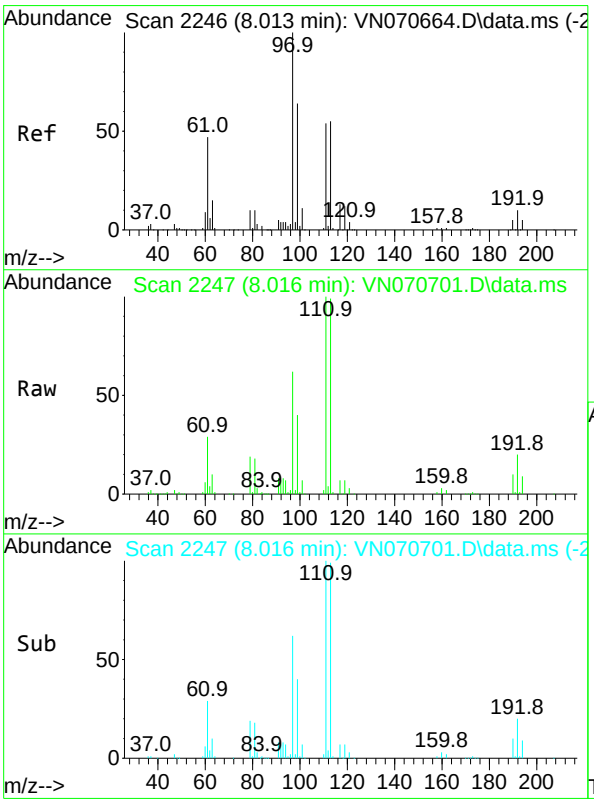
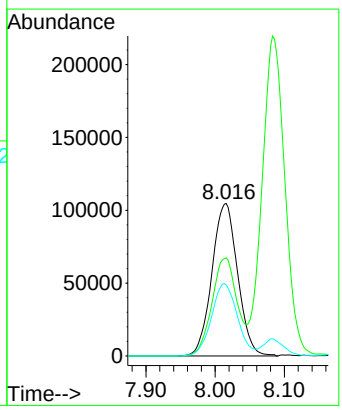
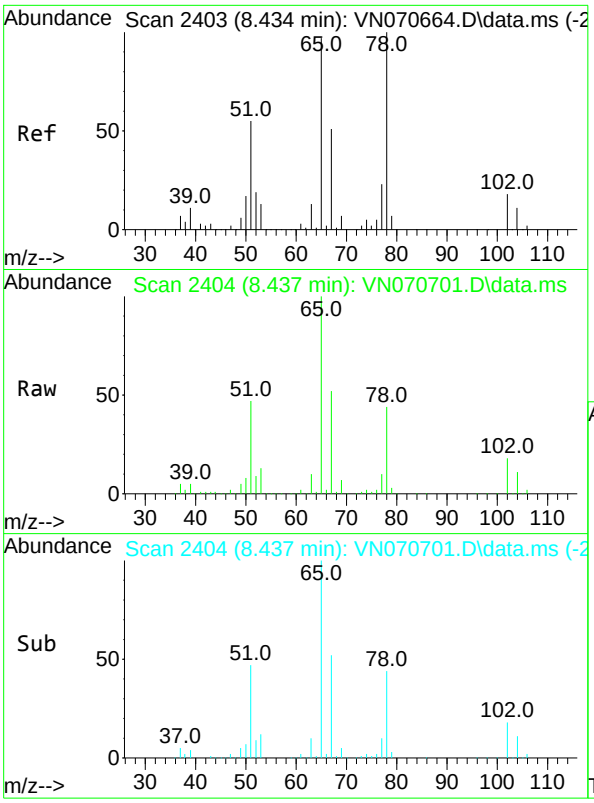


#32
1,1,1-Trichloroethane
Concen: 17.486 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 97 Resp: 269827

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.1	75.1
61	47.8	35.2	52.8

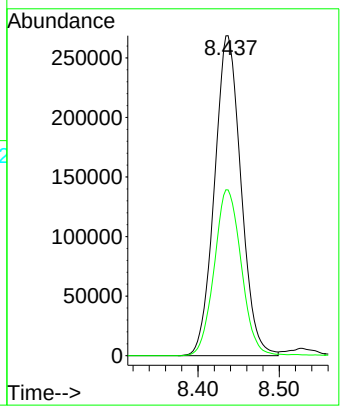




#33
1,2-Dichloroethane-d4
Concen: 51.059 ug/l
RT: 8.437 min Scan# 24
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 65 Resp: 60872

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.0



Instrument :
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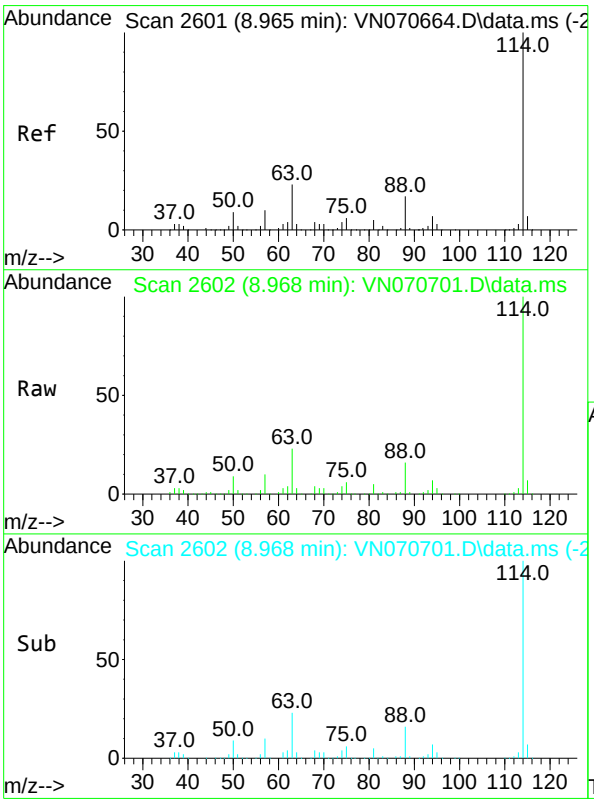
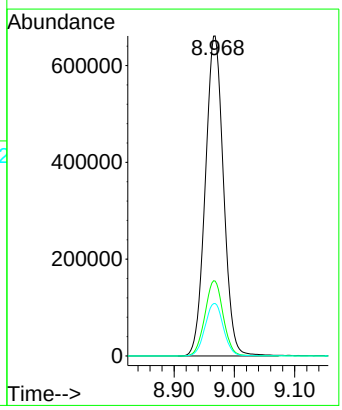
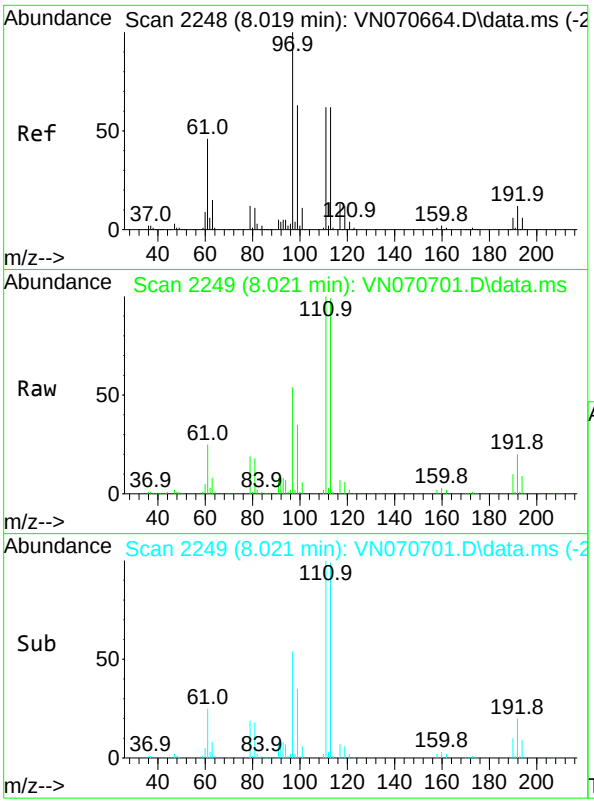


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:114 Resp: 1386711

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	37.8
88	16.4	0.0	27.4

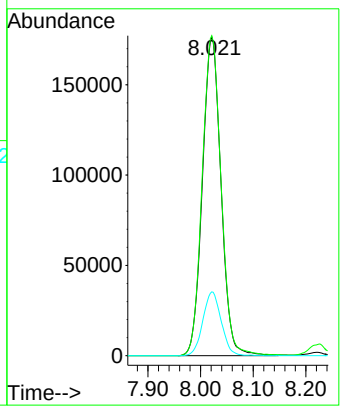




#35
Dibromofluoromethane
Concen: 50.405 ug/l
RT: 8.021 min Scan# 2
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:113 Resp: 43357

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.2
192	19.7	16.9	25.3



Instrument :
MSVOA_N
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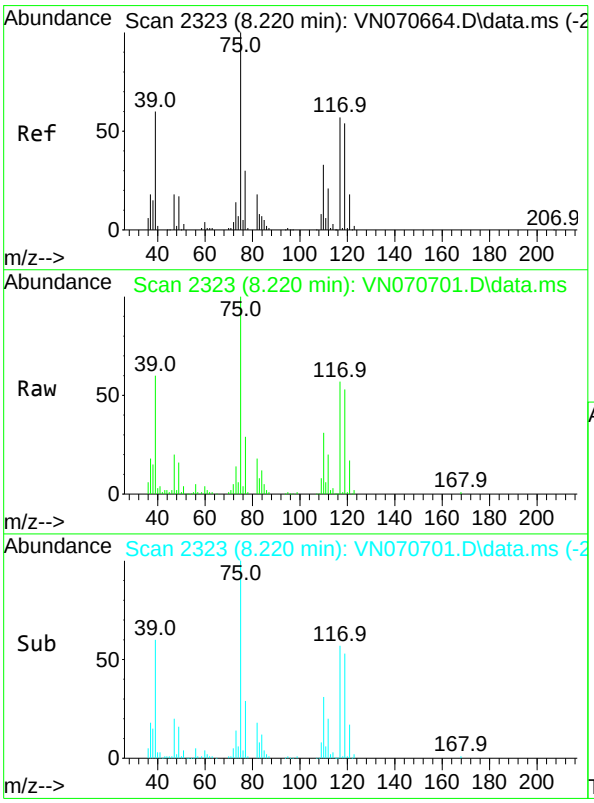
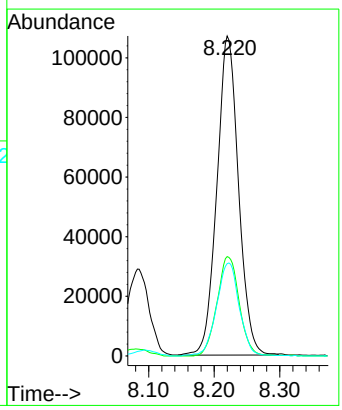
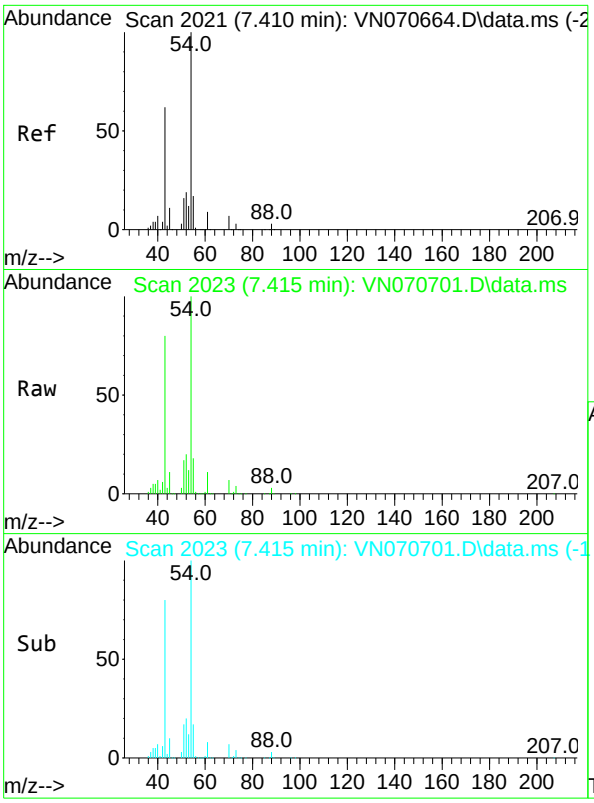


#36
1,1-Dichloropropene
Concen: 16.906 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 75 Resp: 244813

Ion	Ratio	Lower	Upper
75	100		
110	32.0	18.4	55.2
77	30.7	24.4	36.6

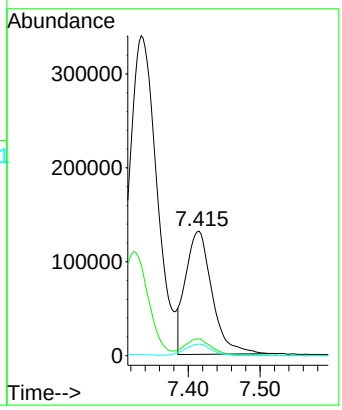




#37
Ethyl Acetate
Concen: 17.466 ug/l
RT: 7.415 min Scan# 2
Delta R.T. 0.005 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 33579

Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.5	17.3
70	9.1	7.9	11.9



Instrument :
MSVOA_N
ClientSampleId :
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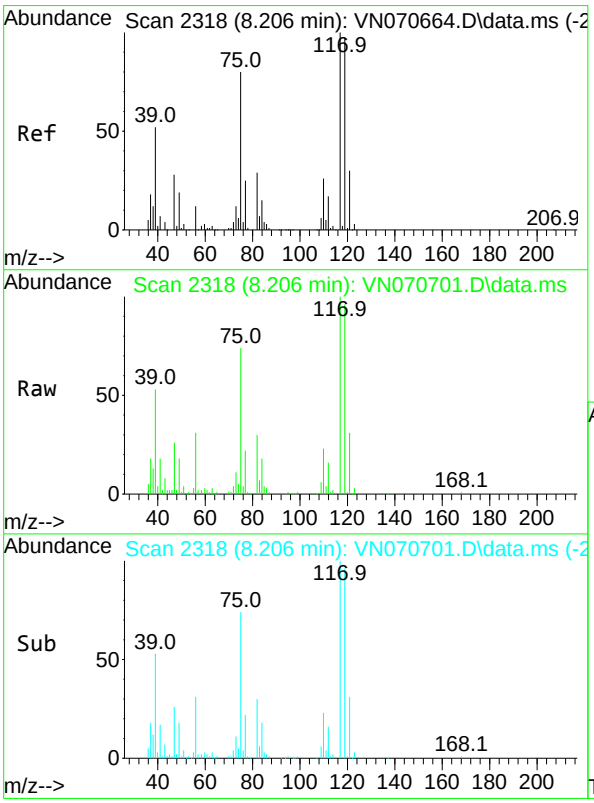
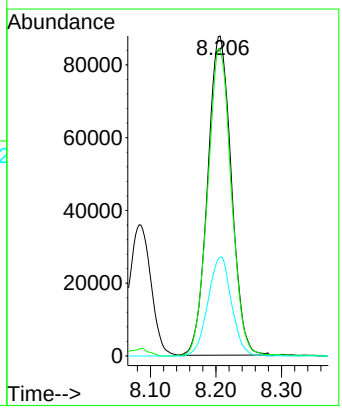
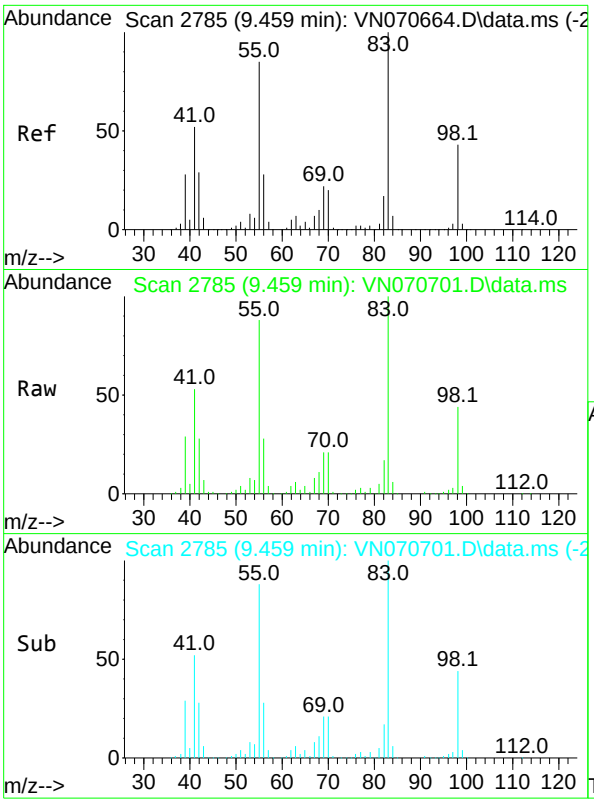


#38
Carbon Tetrachloride
Concen: 17.100 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:117 Resp: 220295

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.1	114.1
121	30.9	24.2	36.2

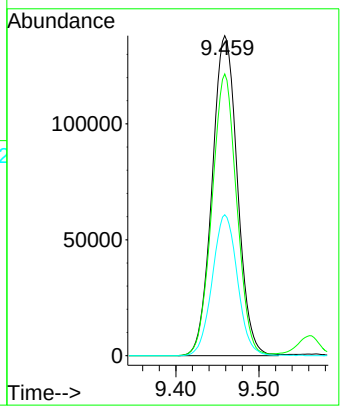




#39
Methylcyclohexane
Concen: 16.357 ug/l
RT: 9.459 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 83 Resp: 29241

Ion	Ratio	Lower	Upper
83	100		
55	88.1	58.1	87.1#
98	44.0	38.4	57.6



Instrument :
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ClientSampleId :
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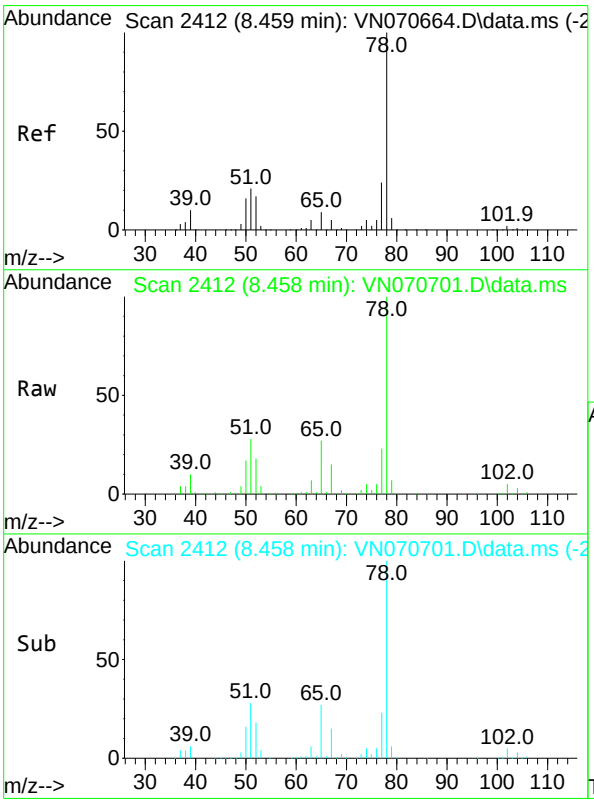
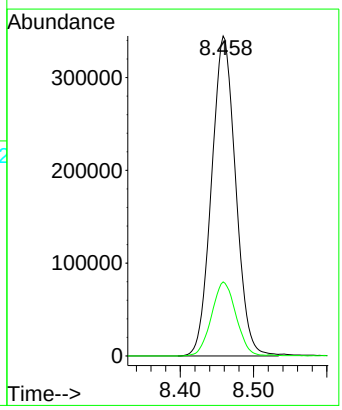
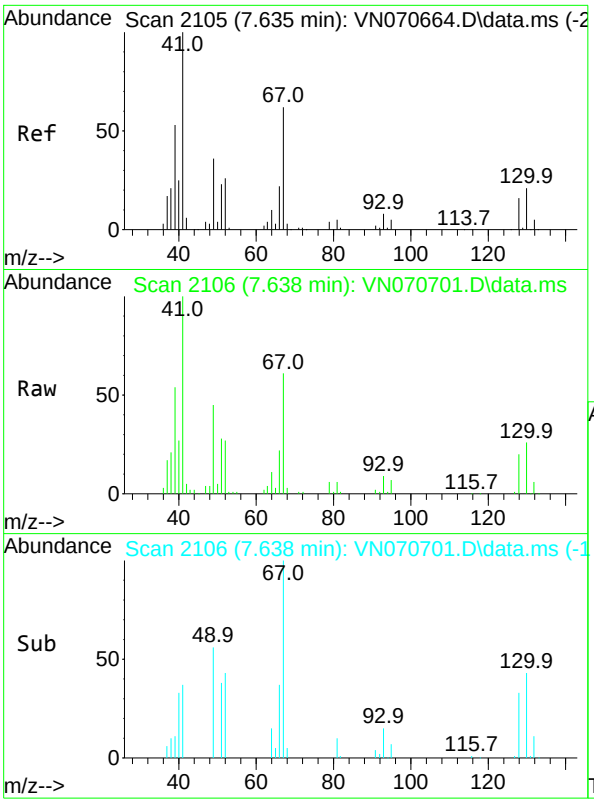


#40
Benzene
Concen: 17.542 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 78 Resp: 787095

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8

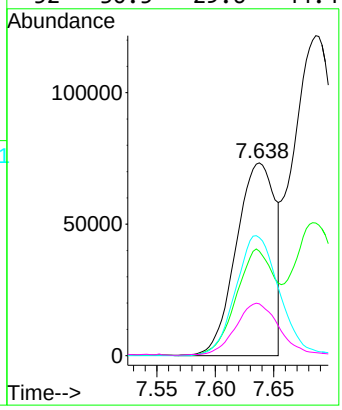




#41
Methacrylonitrile
Concen: 17.321 ug/l
RT: 7.638 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 41 Resp: 16941

Ion	Ratio	Lower	Upper
41	100		
39	55.0	48.1	72.1
67	70.5	68.3	102.5
52	30.5	29.6	44.4



Instrument :
MSVOA_N
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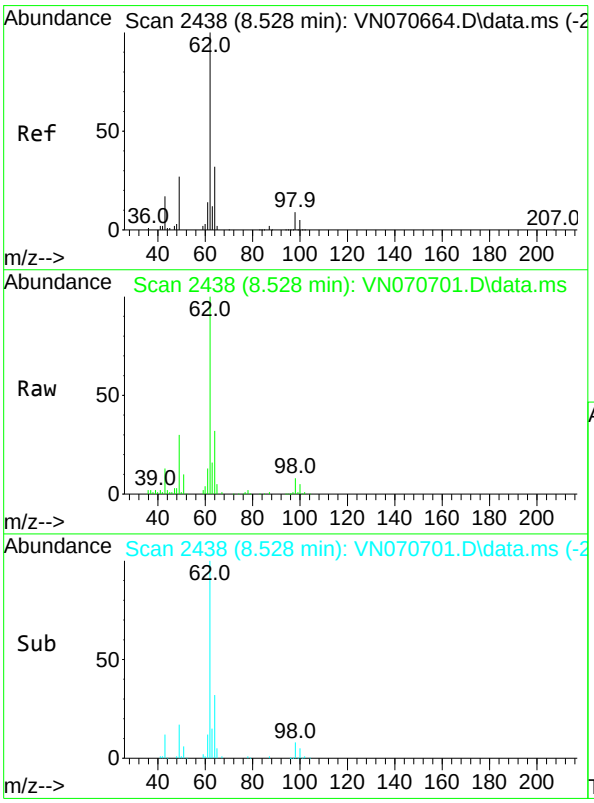
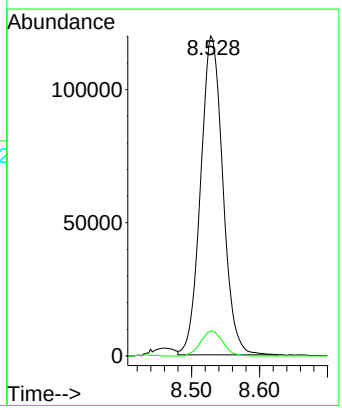
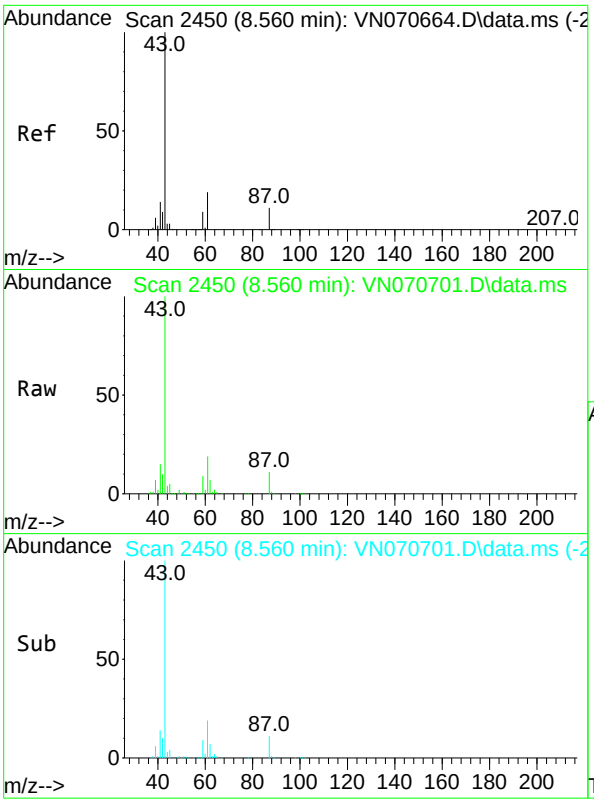


#42
1,2-Dichloroethane
Concen: 17.469 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 62 Resp: 271781

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	17.6

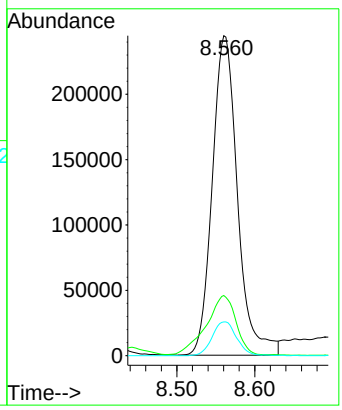




#43
Isopropyl Acetate
Concen: 18.736 ug/l
RT: 8.560 min Scan# 24
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 55017

Ion	Ratio	Lower	Upper
43	100		
61	22.1	20.4	30.6
87	10.2	11.2	16.8#



Instrument :
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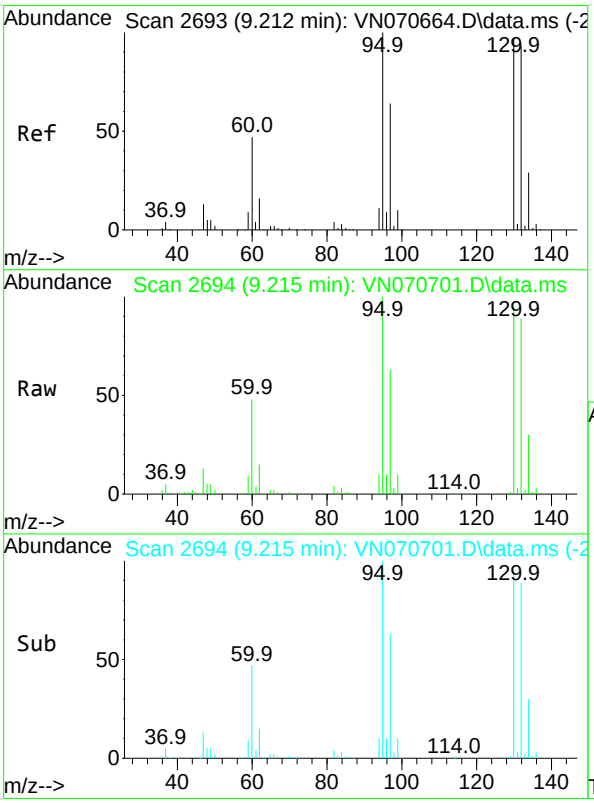
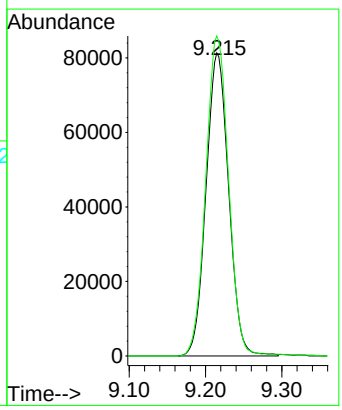
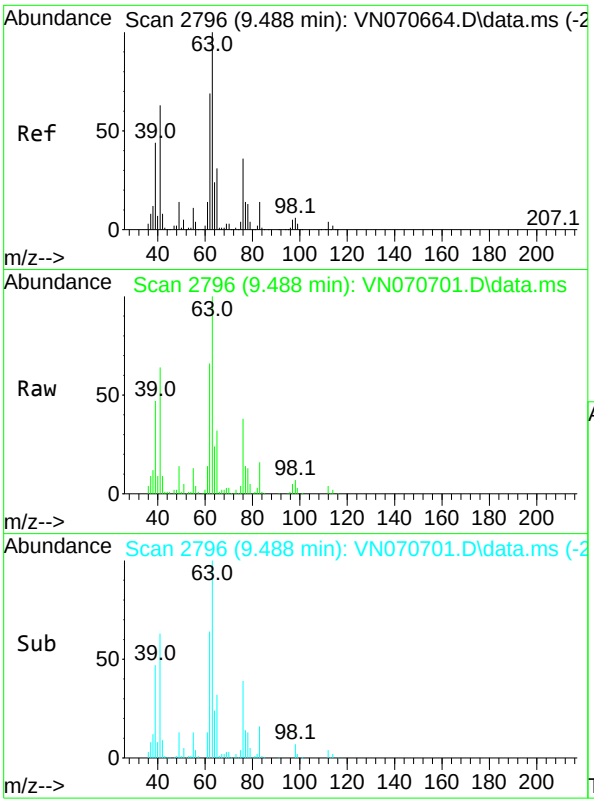


#44
Trichloroethene
Concen: 16.455 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:130 Resp: 167383

Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	191.2

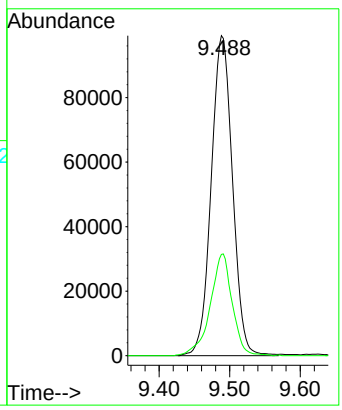




#45
1,2-Dichloropropane
Concen: 17.068 ug/l
RT: 9.488 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 63 Resp: 20837

Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.7	37.1



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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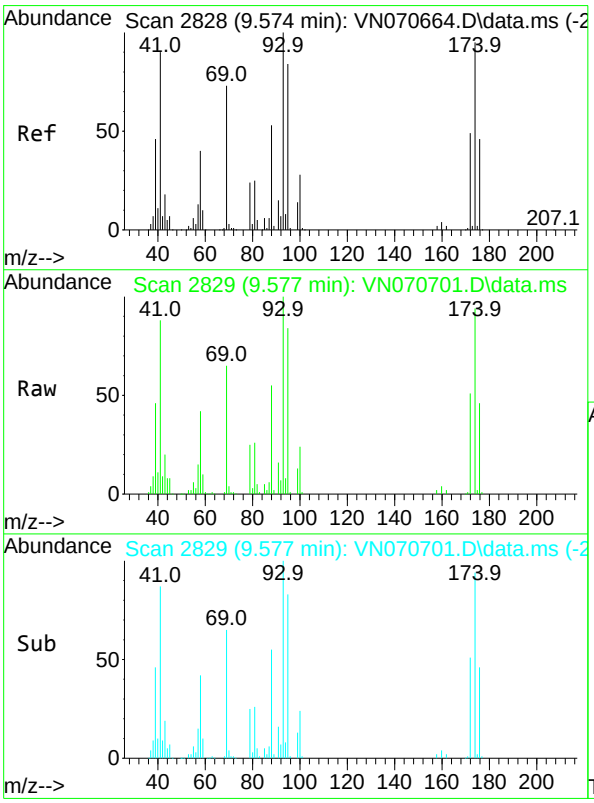
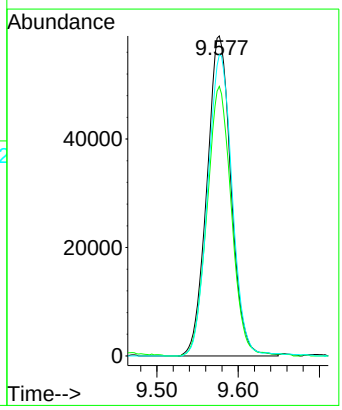
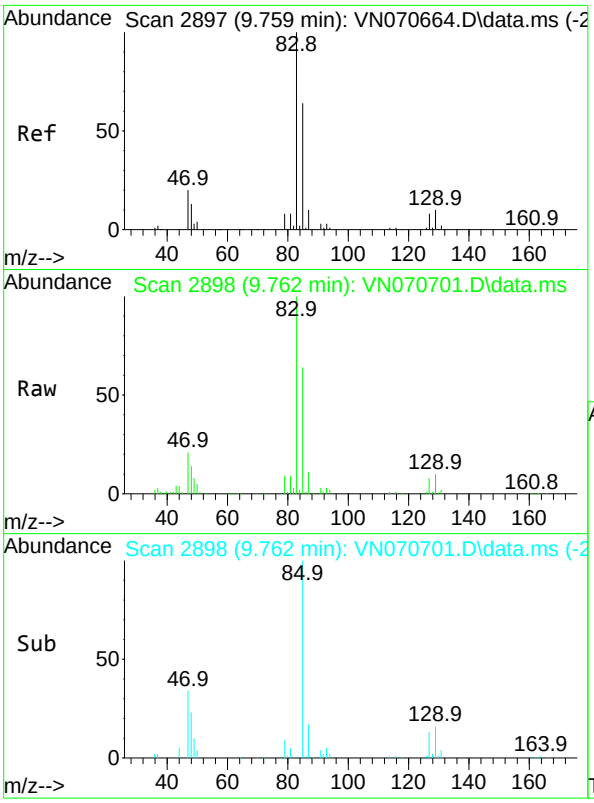


#46
Dibromomethane
Concen: 17.172 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 93 Resp: 121898

Ion	Ratio	Lower	Upper
93	100		
95	84.7	65.9	98.9
174	94.9	84.6	127.0

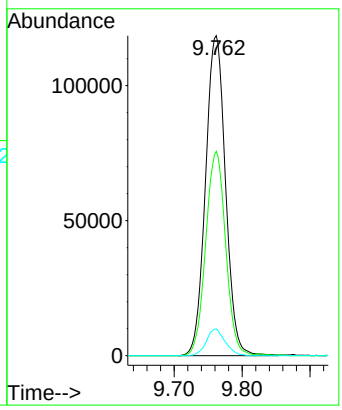




#47
Bromodichloromethane
Concen: 16.732 ug/l
RT: 9.762 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 83 Resp: 24279

Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.9	76.3
127	8.3	7.1	10.7



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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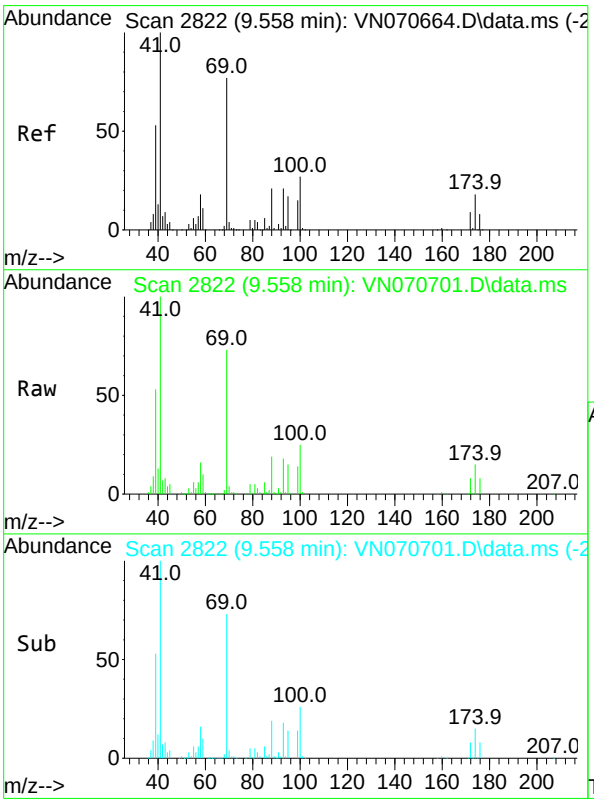
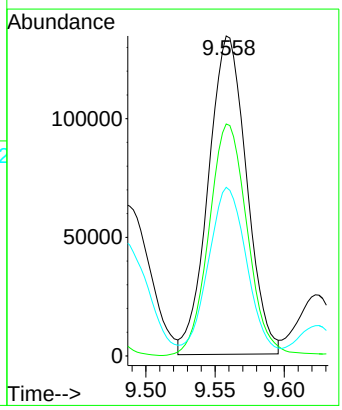
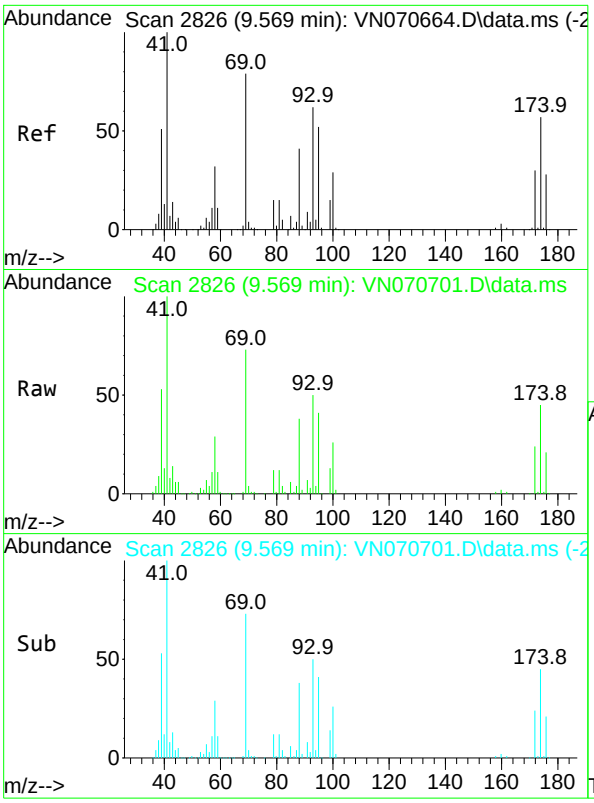


#48
Methyl methacrylate
Concen: 18.410 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 41 Resp: 257535

Ion	Ratio	Lower	Upper
41	100		
69	73.2	72.4	108.6
39	53.2	58.4	87.6#

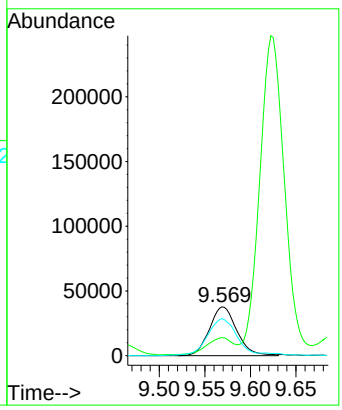




#49
1,4-Dioxane
Concen: 374.993 ug/l
RT: 9.569 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 88 Resp: 7879

Ion	Ratio	Lower	Upper
88	100		
43	33.1	23.4	35.2
58	81.2	50.6	75.8



Instrument :
MSVOA_N
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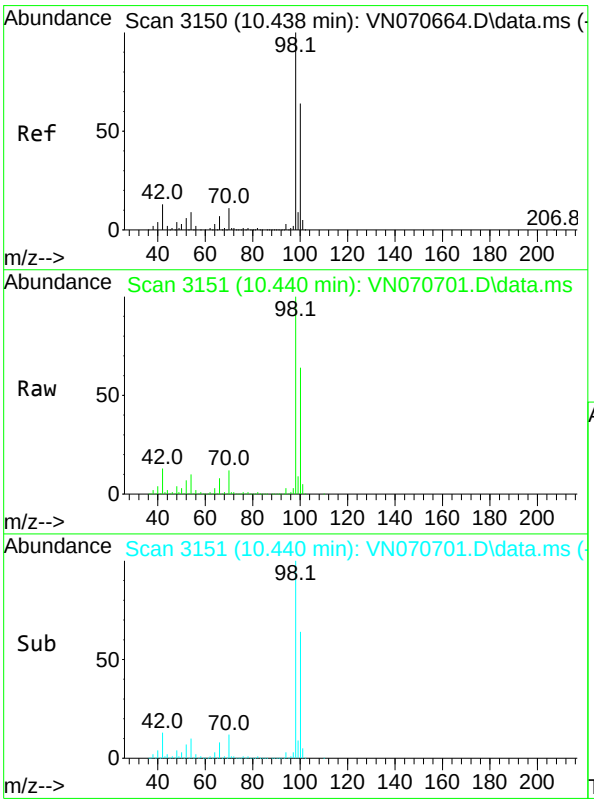
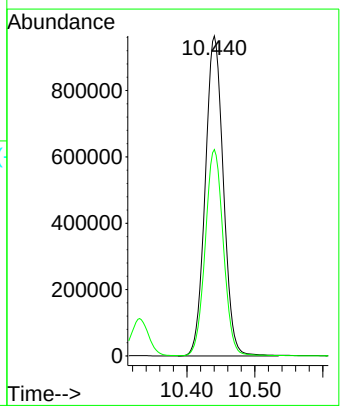
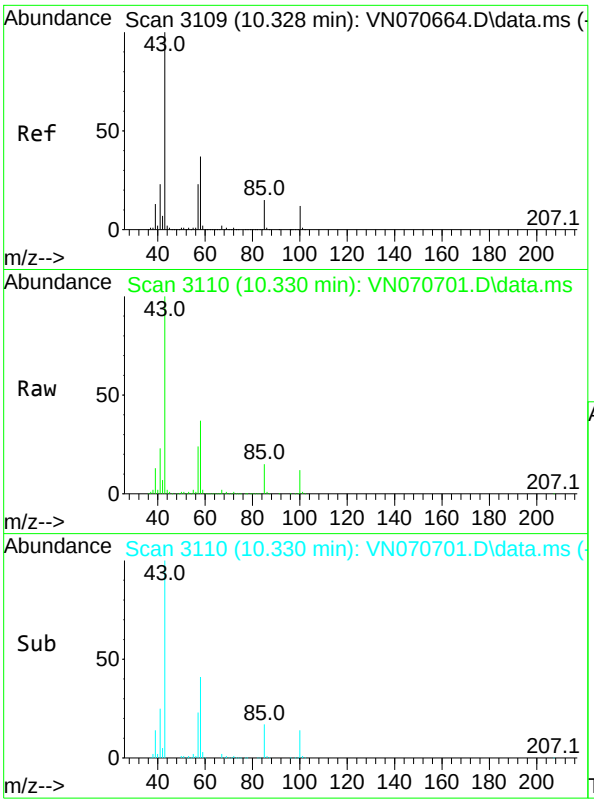


#50
Toluene-d8
Concen: 49.275 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 98 Resp: 1785583

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.4	75.6

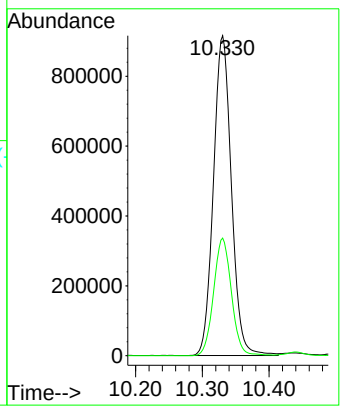




#51
4-Methyl-2-Pentanone
Concen: 91.332 ug/l
RT: 10.330 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 171131

Ion	Ratio	Lower	Upper
43	100		
58	36.5	30.4	45.6



Instrument :
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ClientSampleId :
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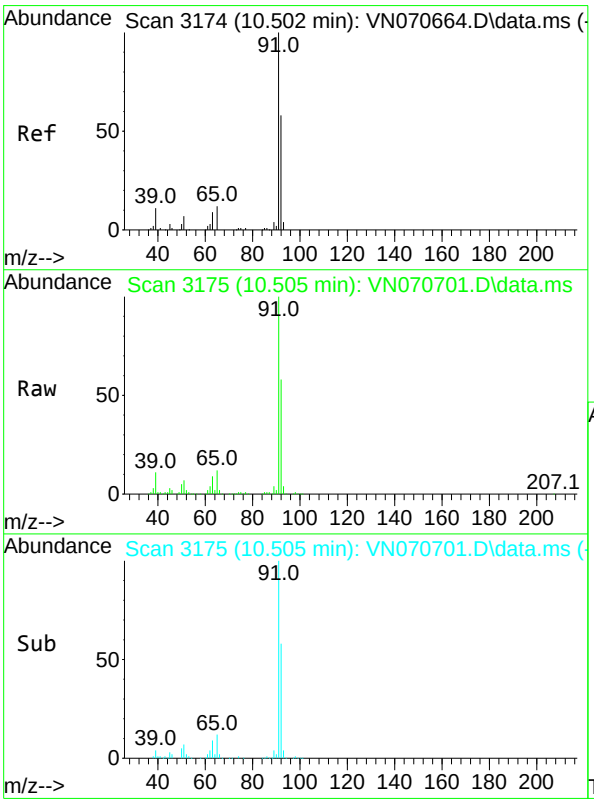
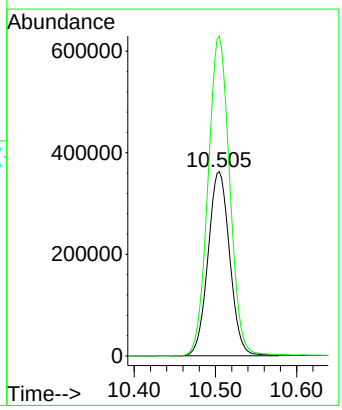
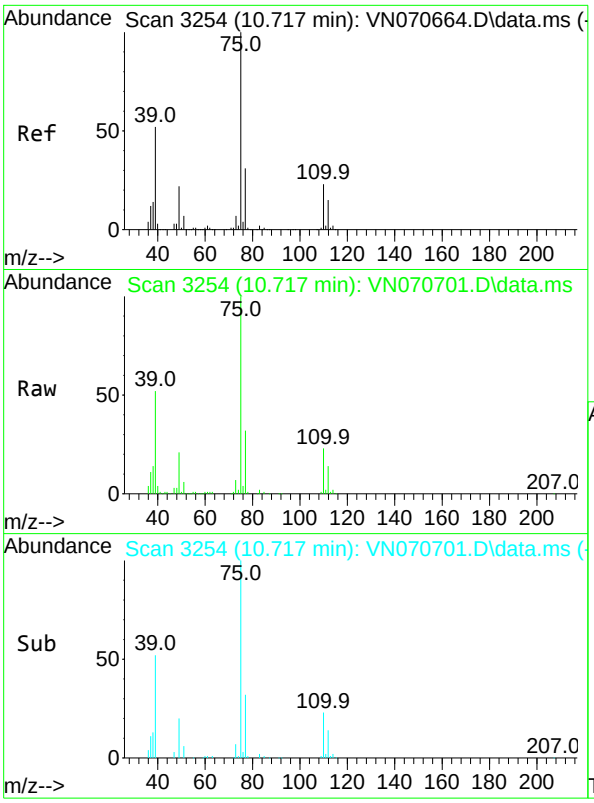


#52
Toluene
Concen: 25.023 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 92 Resp: 671626

Ion	Ratio	Lower	Upper
92	100		
91	173.8	142.0	213.0

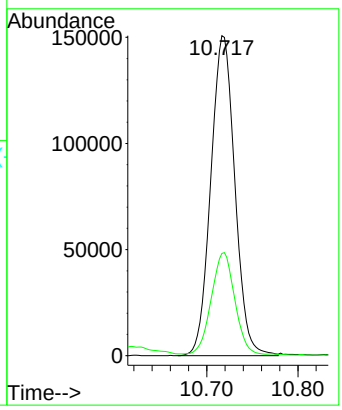




#53
t-1,3-Dichloropropene
Concen: 17.353 ug/l
RT: 10.717 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 75 Resp: 27633

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
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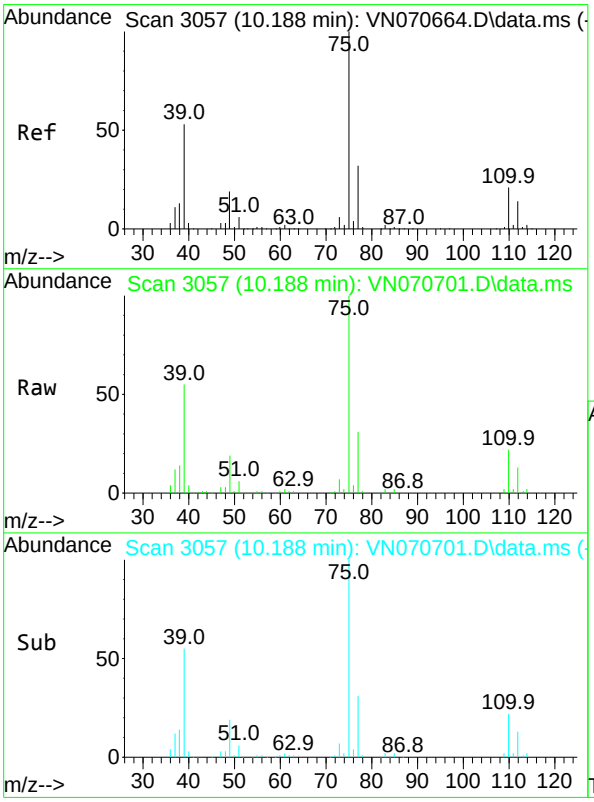
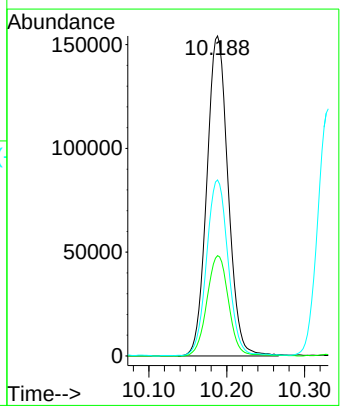
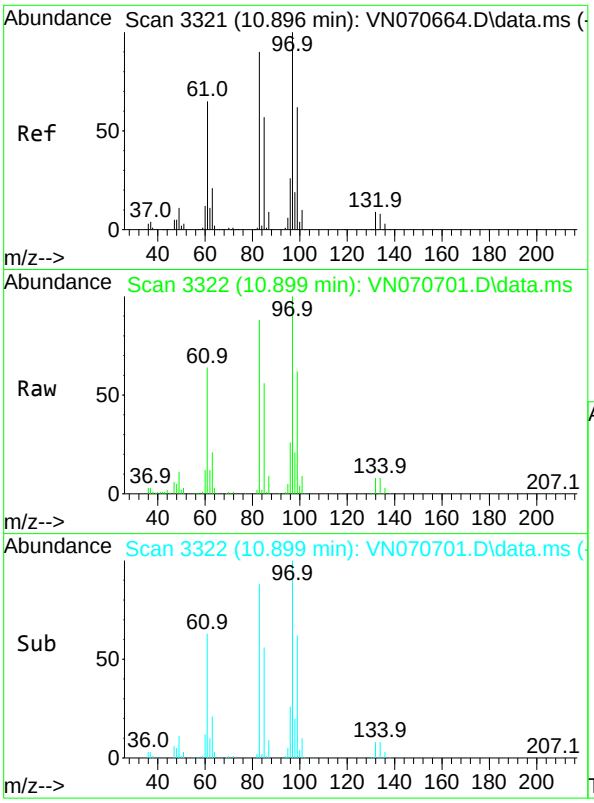


#54
cis-1,3-Dichloropropene
Concen: 16.835 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 75 Resp: 292963

Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.4	39.6
39	54.8	42.5	63.7

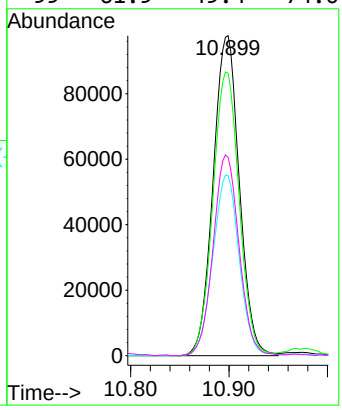




#55
1,1,2-Trichloroethane
Concen: 17.169 ug/l
RT: 10.899 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 97 Resp: 18102

Ion	Ratio	Lower	Upper
97	100		
83	88.3	67.8	101.6
85	56.2	45.4	68.2
99	61.9	49.4	74.0



Instrument :
MSVOA_N
ClientSampleId :
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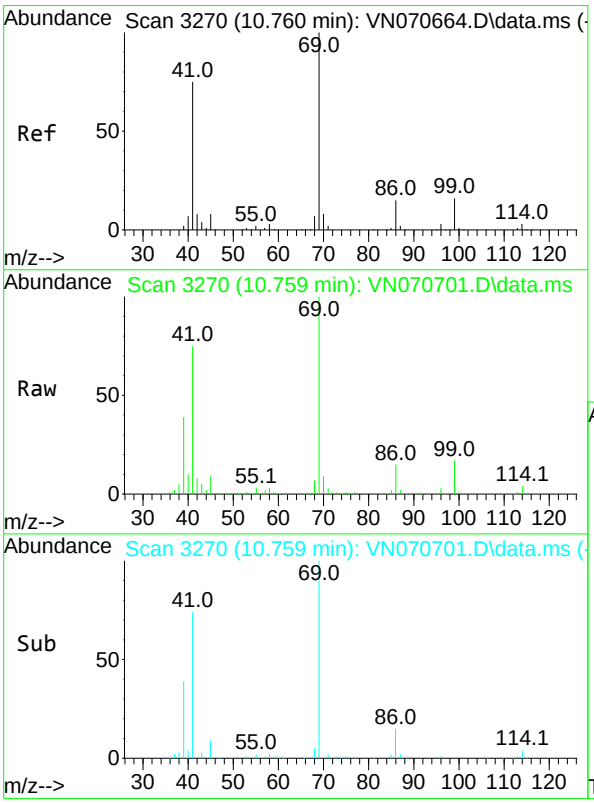
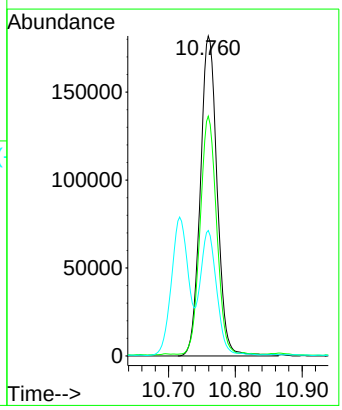
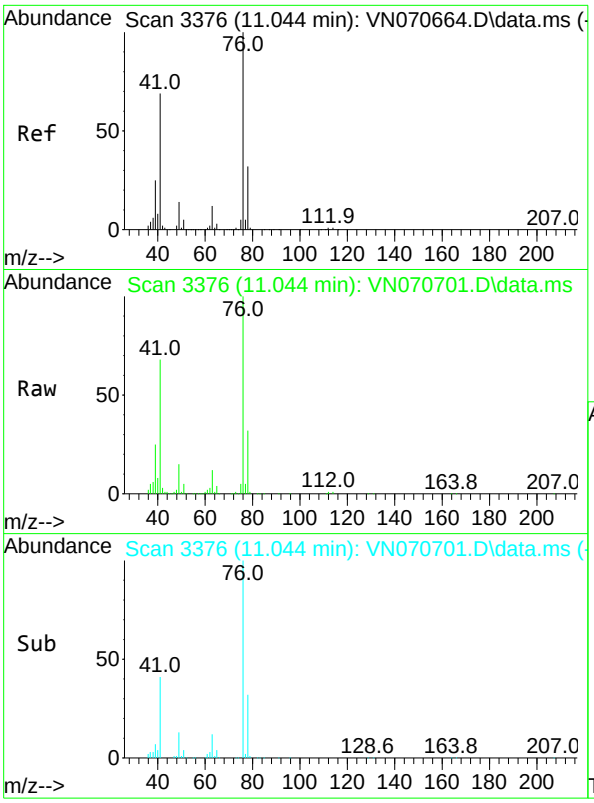


#56
Ethyl methacrylate
Concen: 17.467 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.001 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 69 Resp: 318796

Ion	Ratio	Lower	Upper
69	100		
41	72.8	51.4	77.0
39	36.4	34.6	52.0

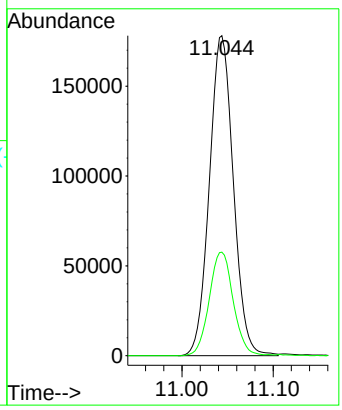




#57
1,3-Dichloropropane
Concen: 17.436 ug/l
RT: 11.044 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 76 Resp: 32546

Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.7	38.5



Instrument :
MSVOA_N
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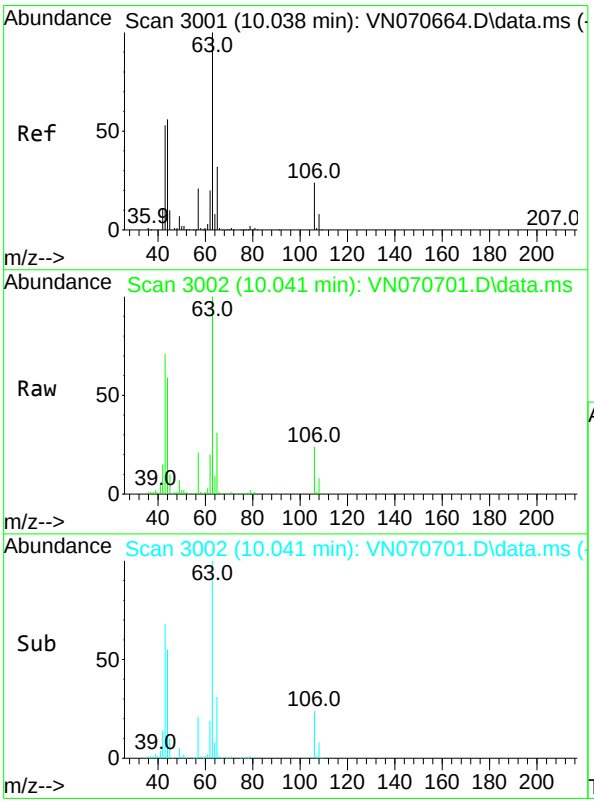
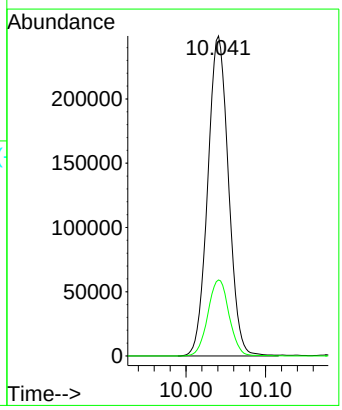
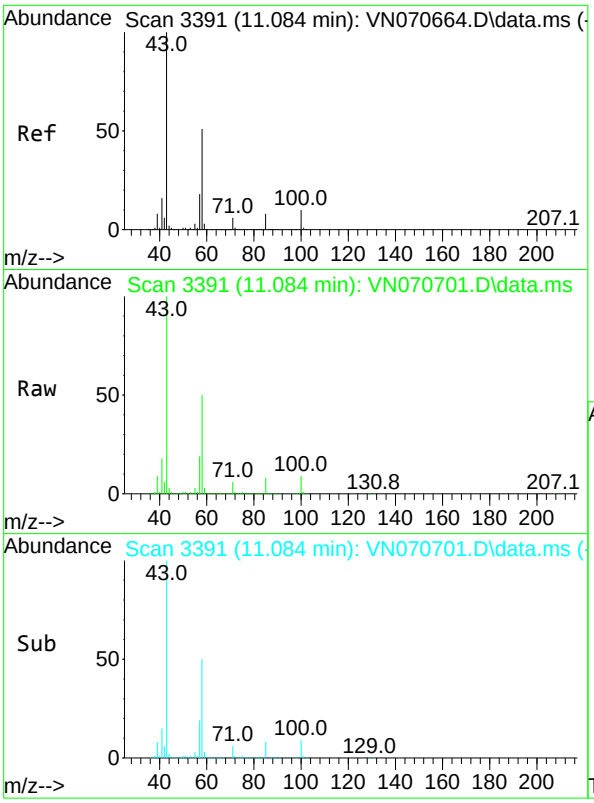


#58
2-Chloroethyl Vinyl ether
Concen: 102.284 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 63 Resp: 450571

Ion	Ratio	Lower	Upper
63	100		
106	24.3	23.9	35.9

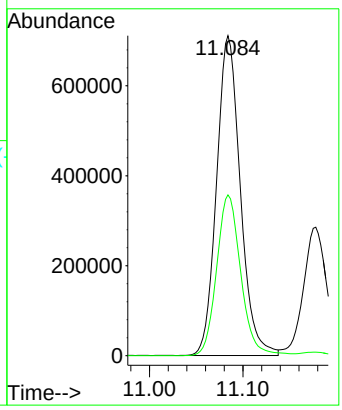




#59
2-Hexanone
Concen: 92.443 ug/l
RT: 11.084 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 125832

Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.9	80.7



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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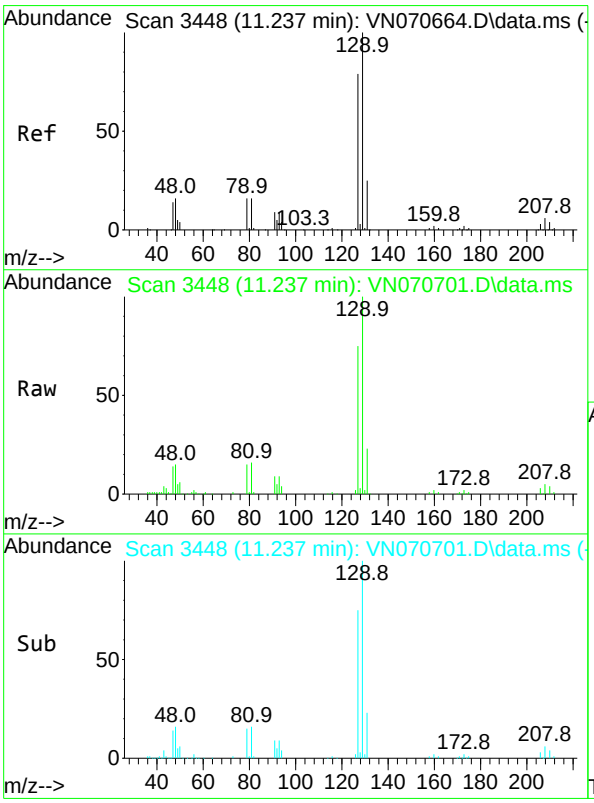
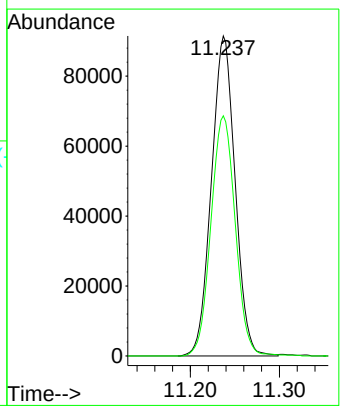
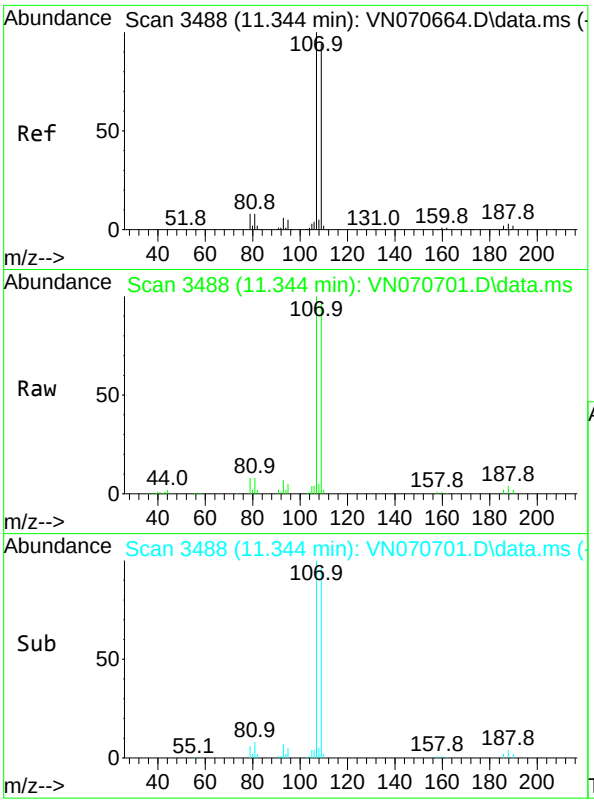


#60
Dibromochloromethane
Concen: 17.200 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:129 Resp: 169162

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	116.0

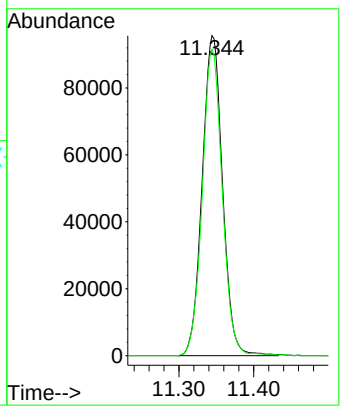




#61
1,2-Dibromoethane
Concen: 17.100 ug/l
RT: 11.344 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:107 Resp: 18103

Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.7	113.5



Instrument :
MSVOA_N
ClientSampleId :
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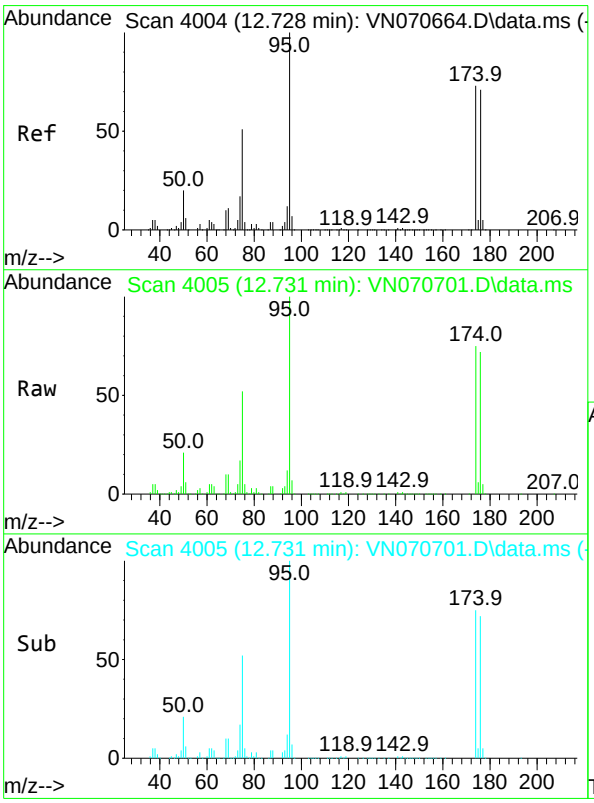
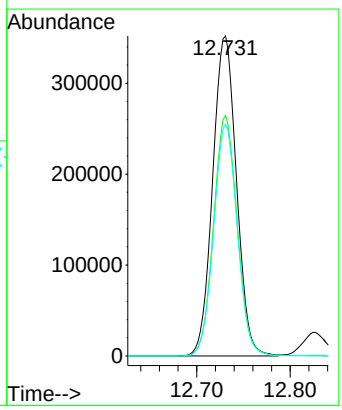
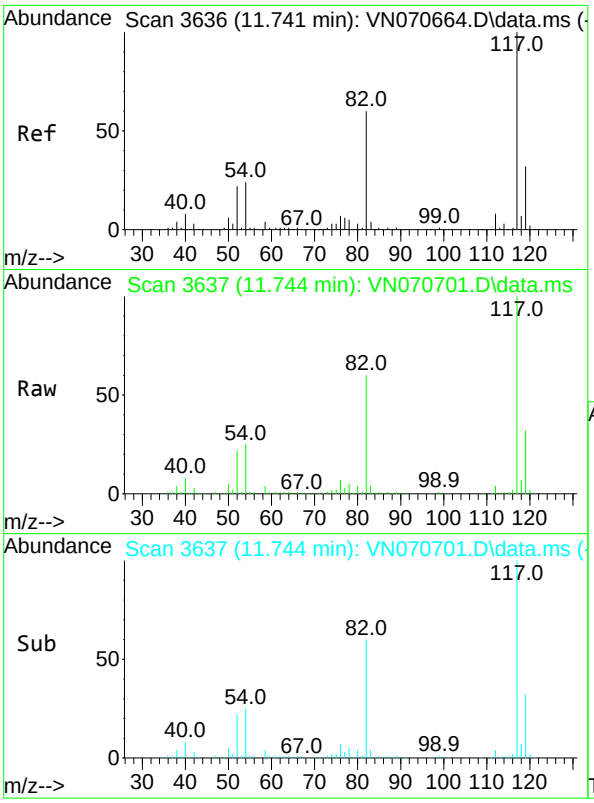


#62
4-Bromofluorobenzene
Concen: 48.167 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 95 Resp: 621978

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	187.2
176	71.9	0.0	181.4

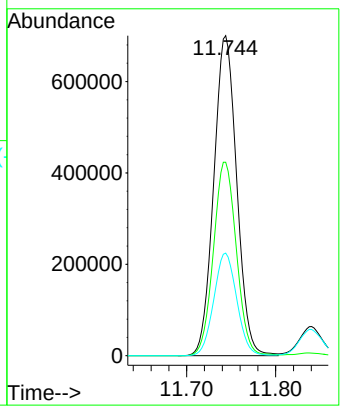




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:117 Resp: 125647

Ion	Ratio	Lower	Upper
117	100		
82	60.4	42.4	63.6
119	32.1	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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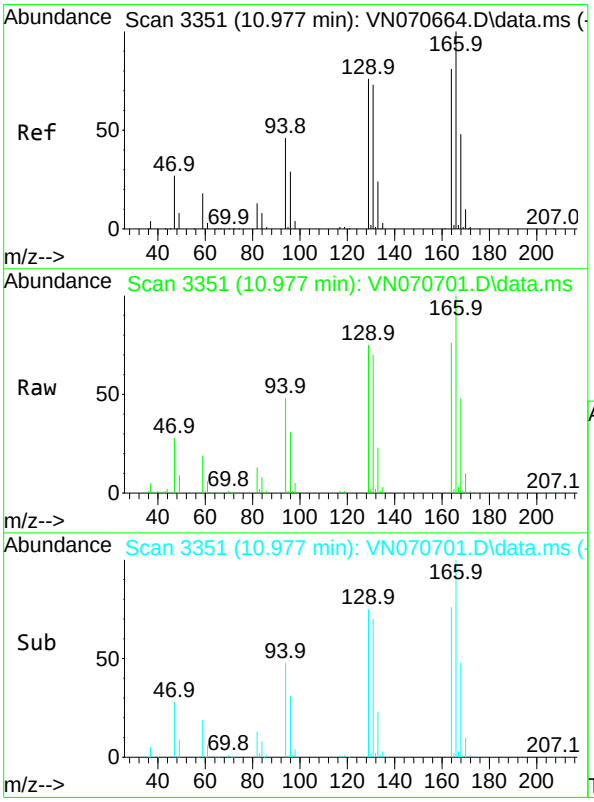
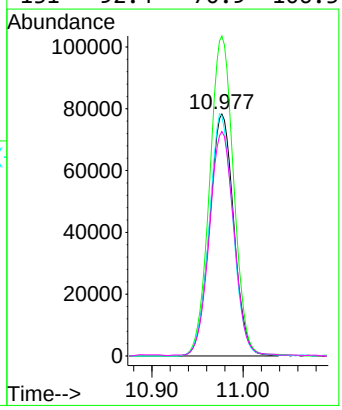
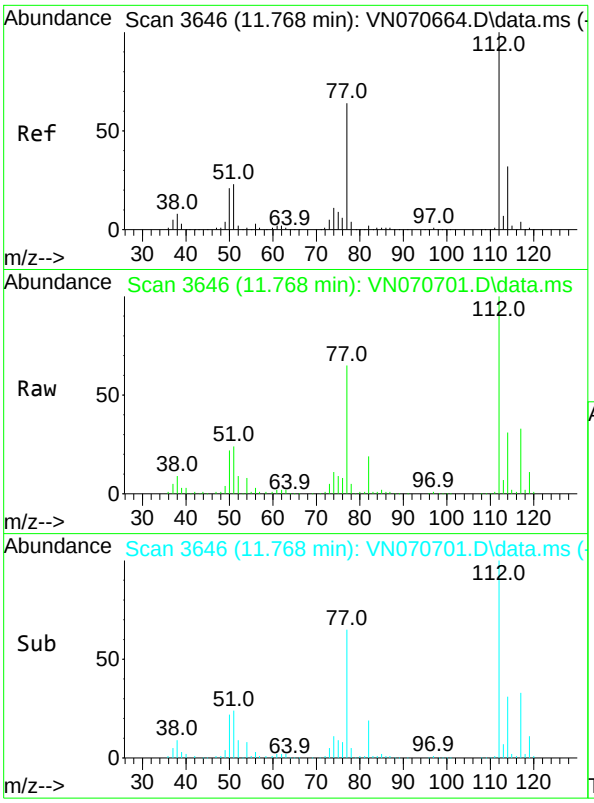


#64
Tetrachloroethene
Concen: 15.660 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:164 Resp: 144270

Ion	Ratio	Lower	Upper
164	100		
166	132.2	101.9	152.9
129	99.2	72.0	108.0
131	92.4	70.9	106.3

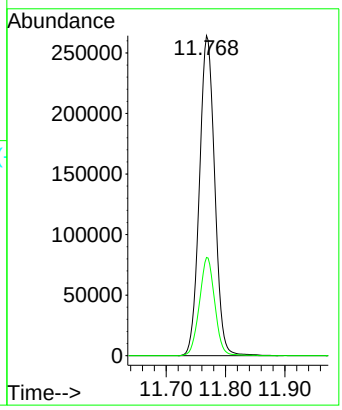




#65
Chlorobenzene
Concen: 17.346 ug/l
RT: 11.768 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:112 Resp: 47220

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.4	38.0



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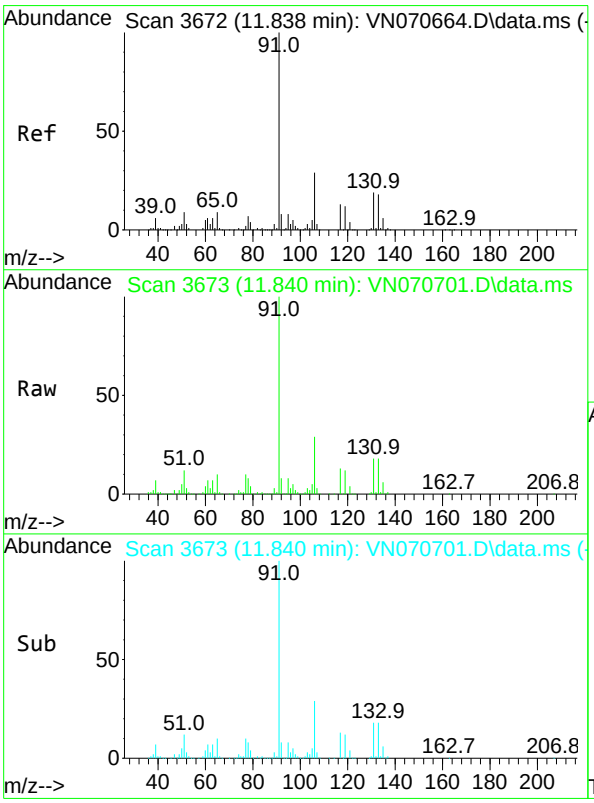
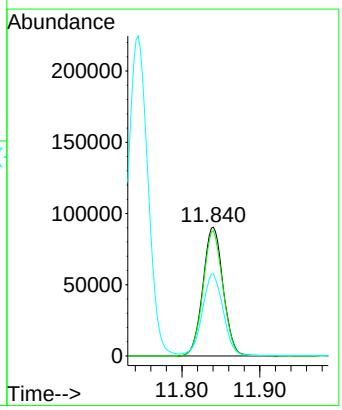
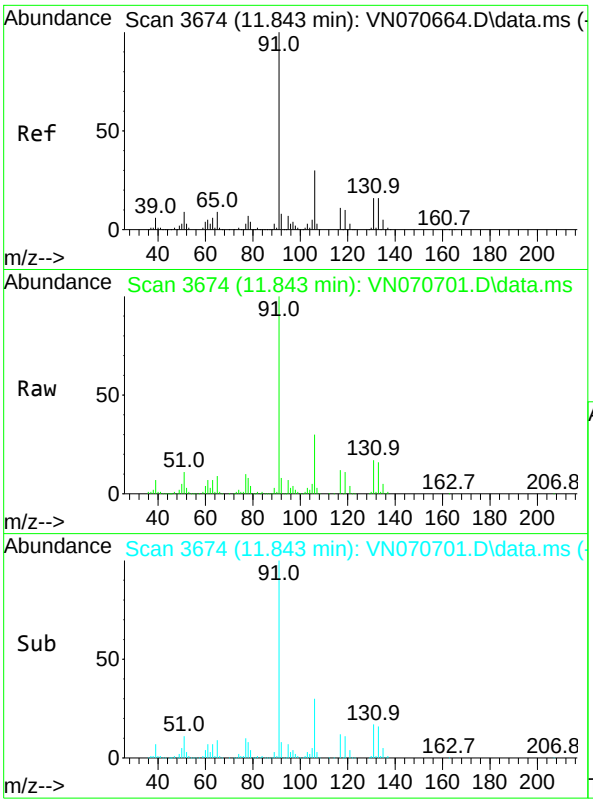


#66
1,1,1,2-Tetrachloroethane
Concen: 17.482 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:131 Resp: 163880

Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.9	143.7
119	64.9	32.1	96.5

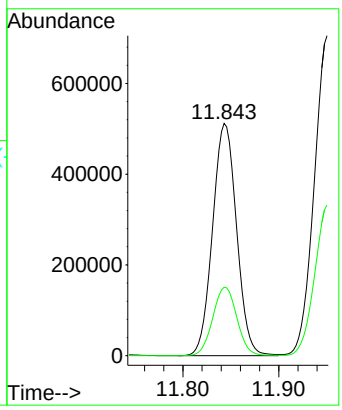




#67
Ethyl Benzene
Concen: 17.606 ug/l
RT: 11.843 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 91 Resp: 88861

Ion	Ratio	Lower	Upper
91	100		
106	29.5	25.7	38.5



Instrument :
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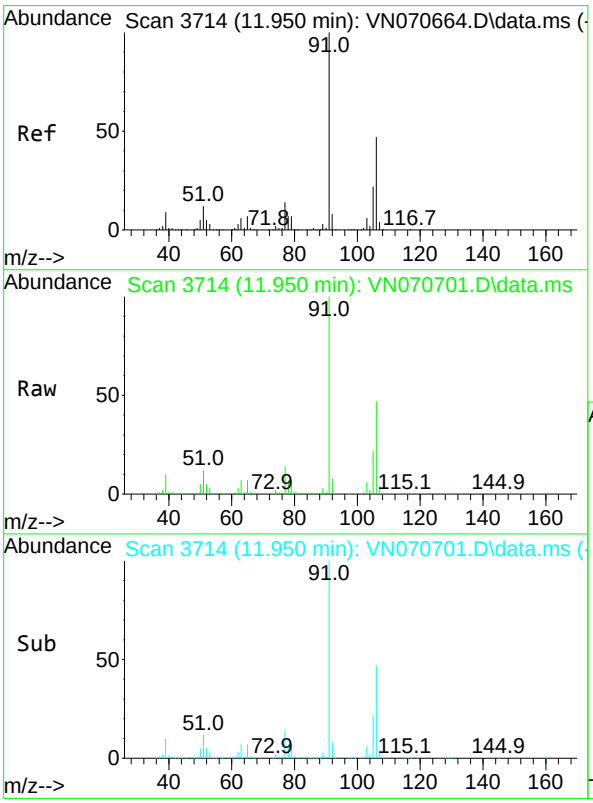
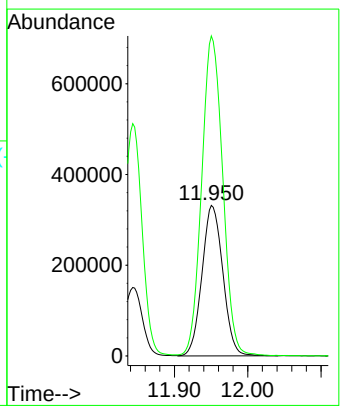
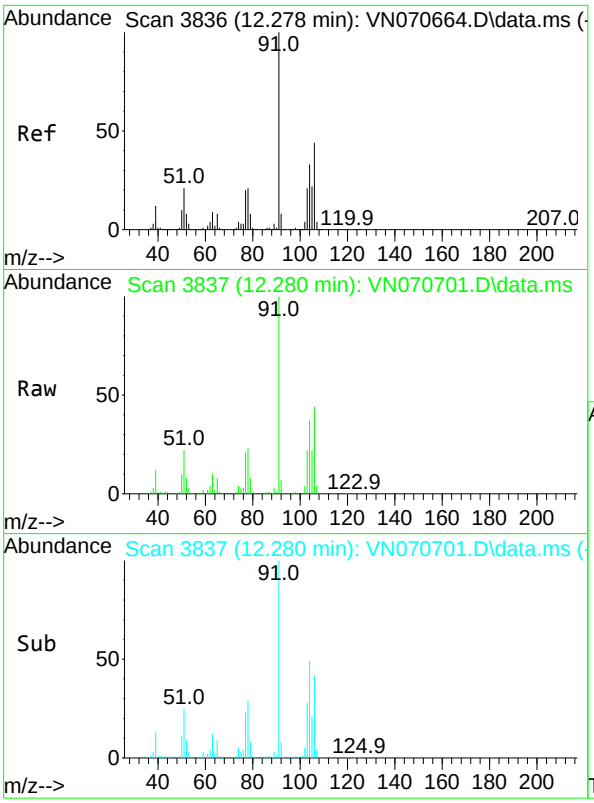


#68
m/p-Xylenes
Concen: 35.696 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:106 Resp: 655420

Ion	Ratio	Lower	Upper
106	100		
91	214.3	160.6	240.8

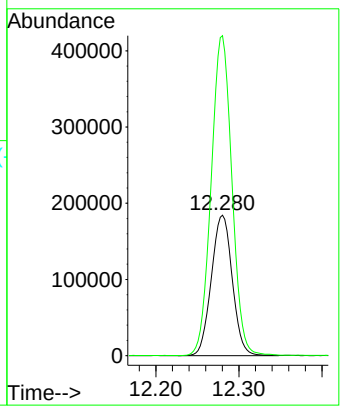




#69
o-Xylene
Concen: 17.718 ug/l
RT: 12.280 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:106 Resp: 32284

Ion	Ratio	Lower	Upper
106	100		
91	225.8	105.8	317.3



Instrument :
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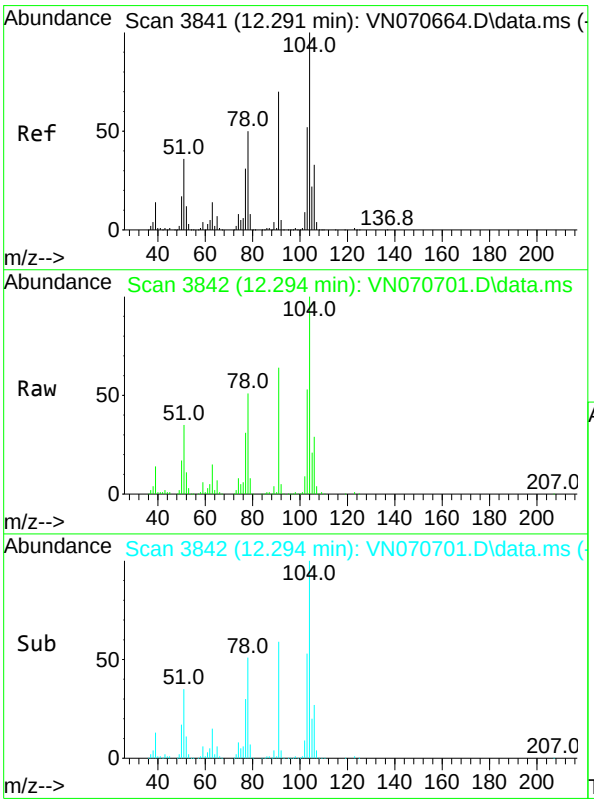
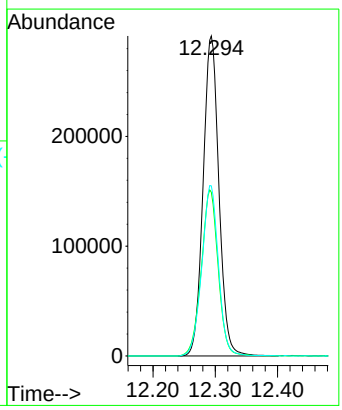
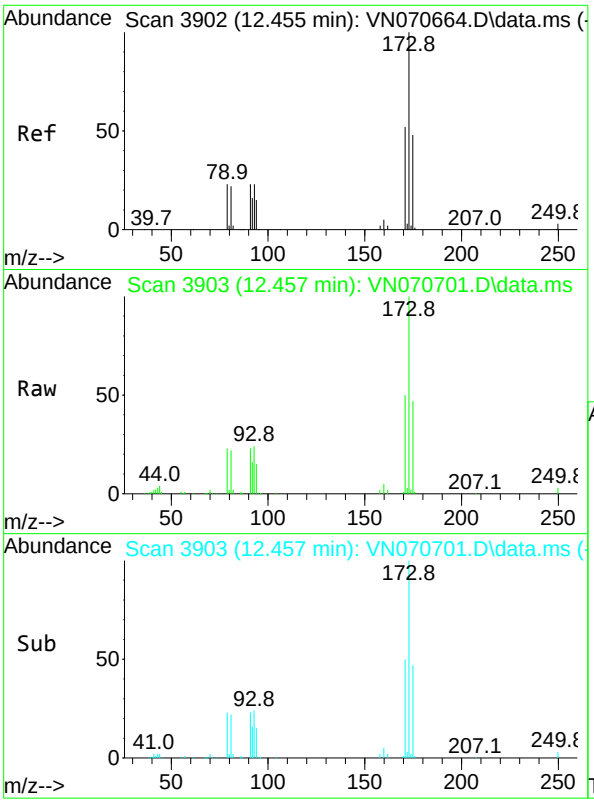


#70
Styrene
Concen: 17.623 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:104 Resp: 513716

Ion	Ratio	Lower	Upper
104	100		
78	55.2	38.7	58.1
103	56.1	45.0	67.6

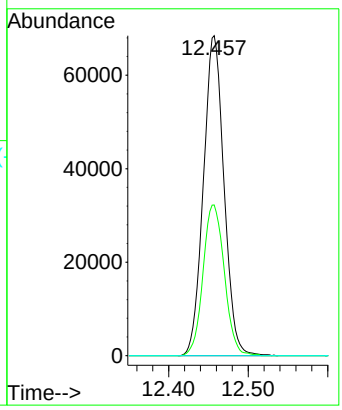




#71
Bromoform
Concen: 17.397 ug/l
RT: 12.457 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:173 Resp: 12319

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



Instrument :
MSVOA_N
ClientSampleId :
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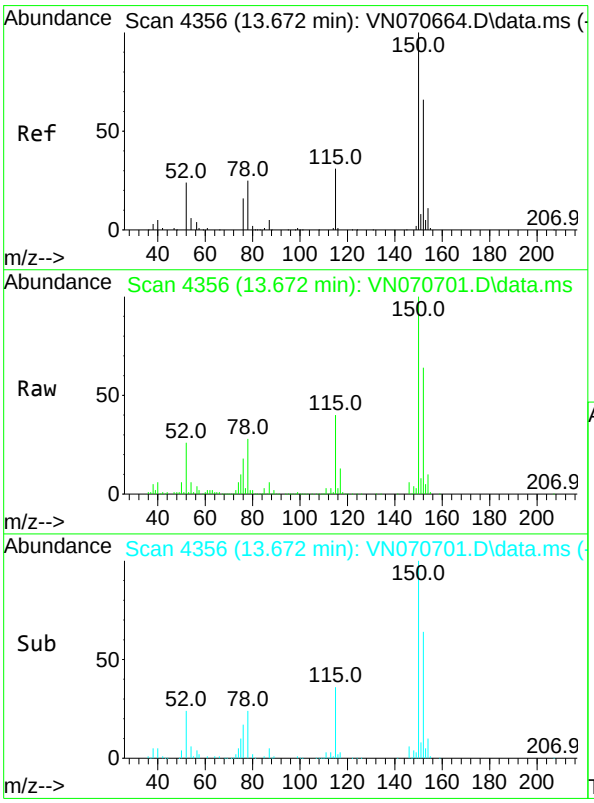
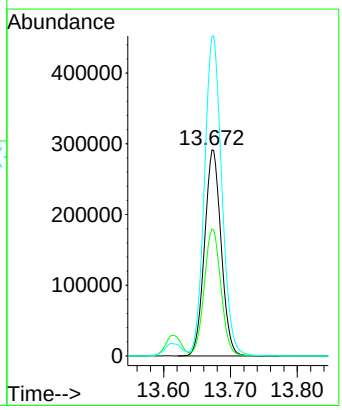
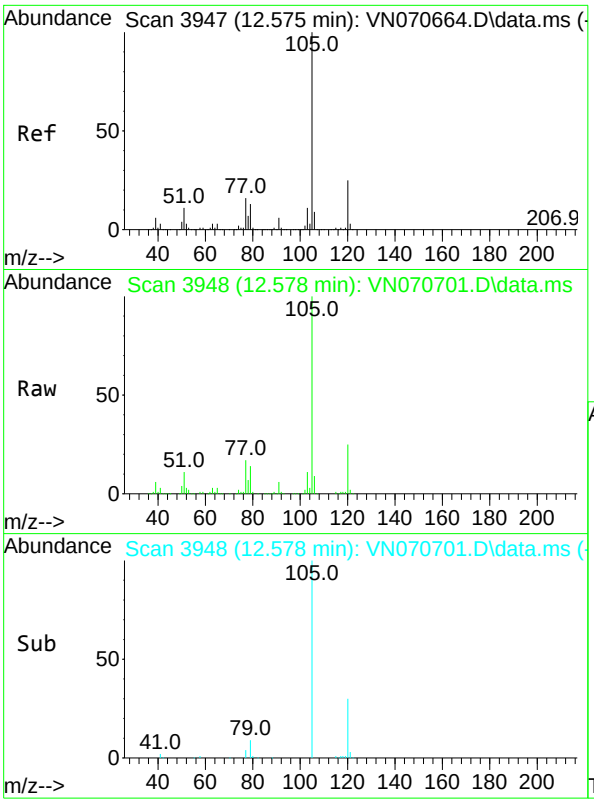


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:152 Resp: 503381

Ion	Ratio	Lower	Upper
152	100		
115	61.7	27.5	82.5
150	162.3	0.0	344.4

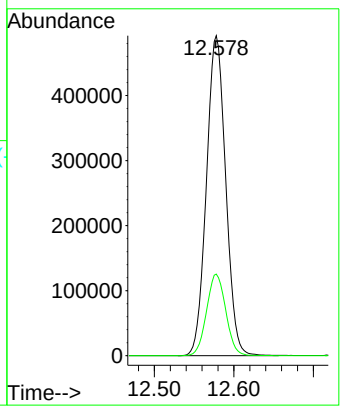




#73
Isopropylbenzene
Concen: 17.383 ug/l
RT: 12.578 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:105 Resp: 82781

Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.4	40.1



Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS01

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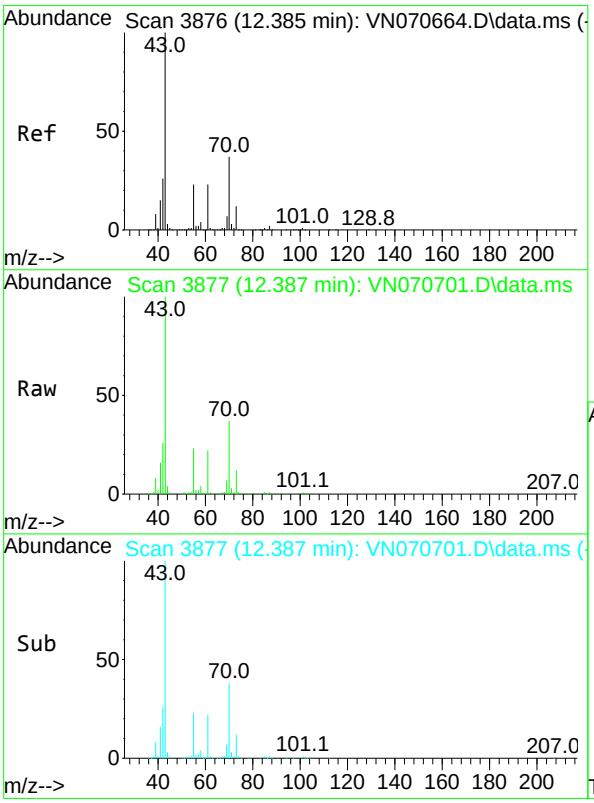
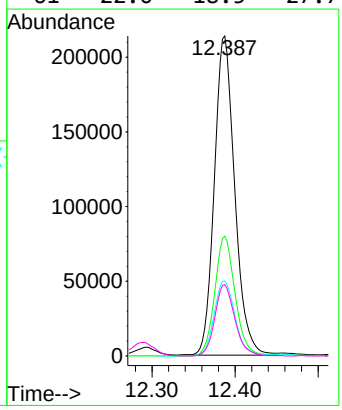
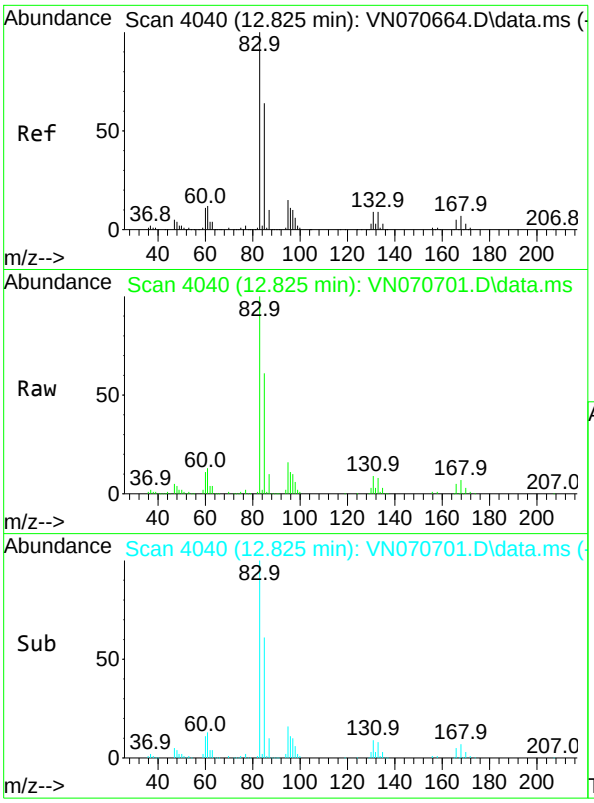


#74
N-amyl acetate
Concen: 18.717 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 43 Resp: 364449

Ion	Ratio	Lower	Upper
43	100		
70	37.4	33.4	50.0
55	24.3	19.3	28.9
61	22.0	18.5	27.7

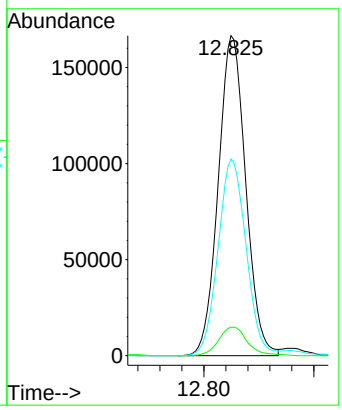




#75
1,1,2,2-Tetrachloroethane
Concen: 17.960 ug/l
RT: 12.825 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 83 Resp: 28885

Ion	Ratio	Lower	Upper
83	100		
131	9.4	5.5	16.5
85	62.9	32.4	97.2



Instrument :
MSVOA_N
ClientSampleId :
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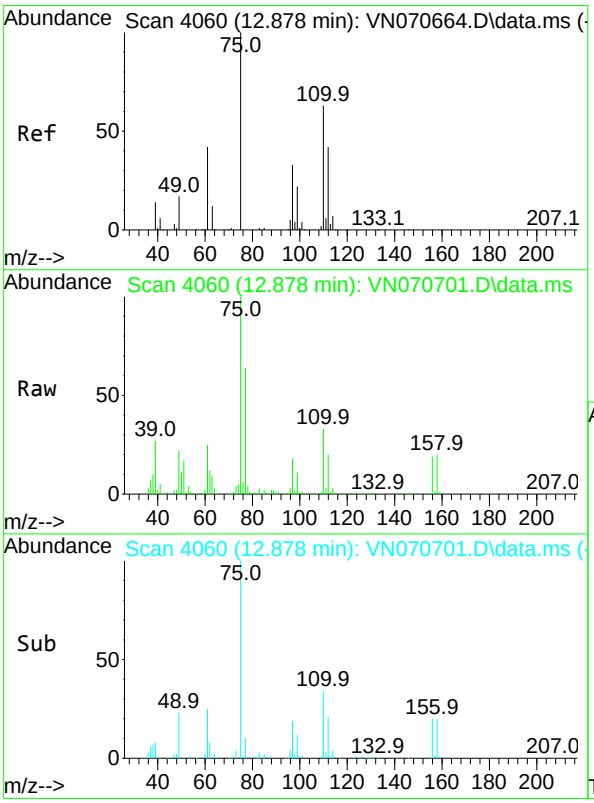
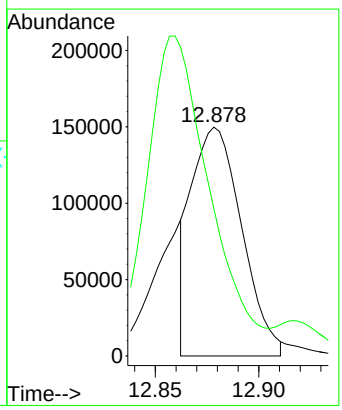
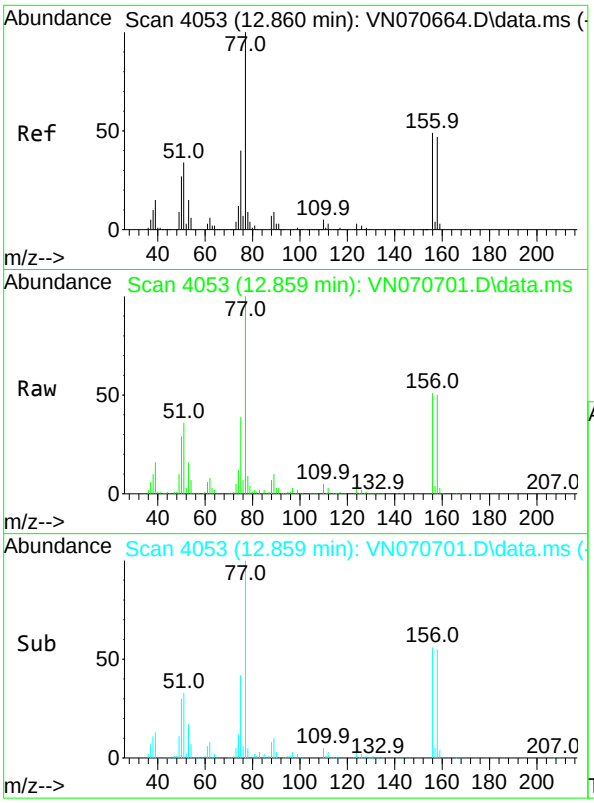


#76
1,2,3-Trichloropropane
Concen: 19.037 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 75 Resp: 254161

Ion	Ratio	Lower	Upper
75	100		
77	175.1	82.6	247.8

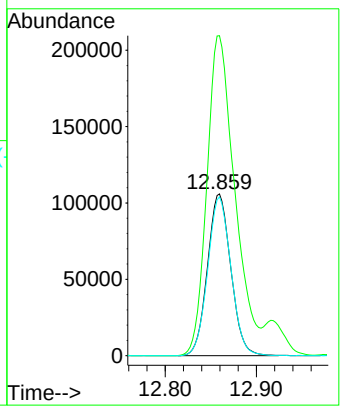




#77
Bromobenzene
Concen: 17.642 ug/l
RT: 12.859 min Scan# 4
Delta R.T. -0.001 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:156 Resp: 18837

Ion	Ratio	Lower	Upper
156	100		
77	236.2	90.6	271.8
158	97.7	48.9	146.7



Instrument :
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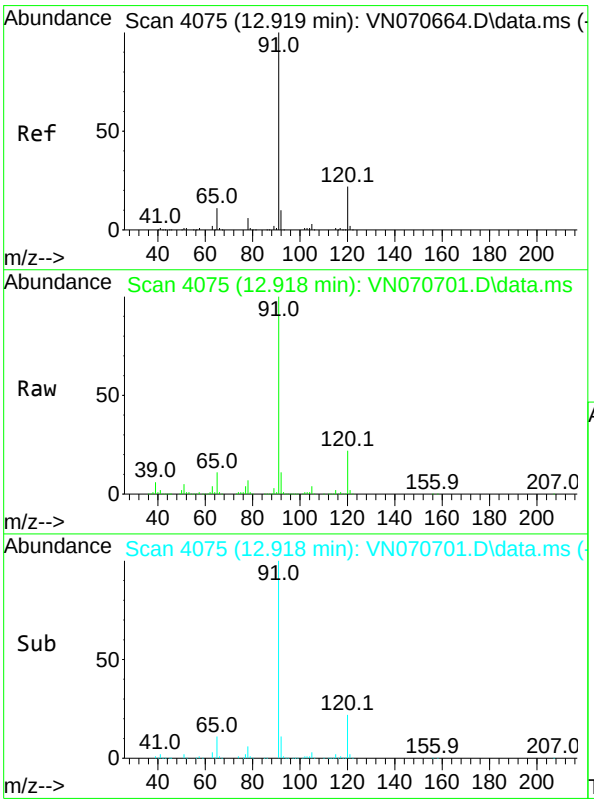
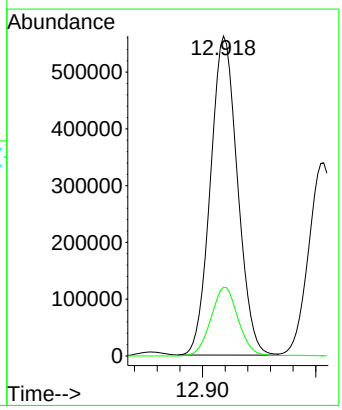
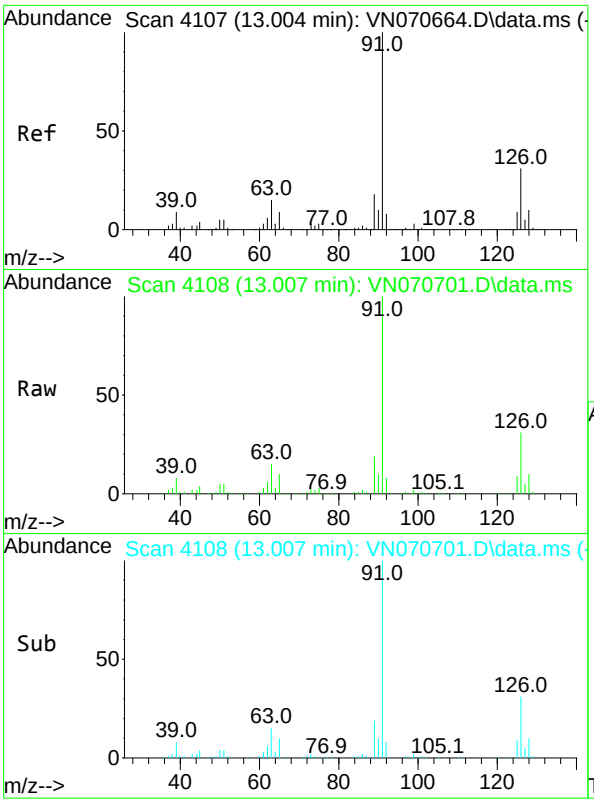


#78
n-propylbenzene
Concen: 17.507 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 91 Resp: 932415

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.9	35.9

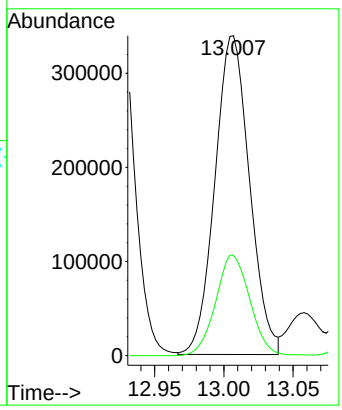




#79
2-Chlorotoluene
Concen: 17.502 ug/l
RT: 13.007 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 91 Resp: 58966

Ion	Ratio	Lower	Upper
91	100		
126	31.3	18.3	54.8



Instrument :
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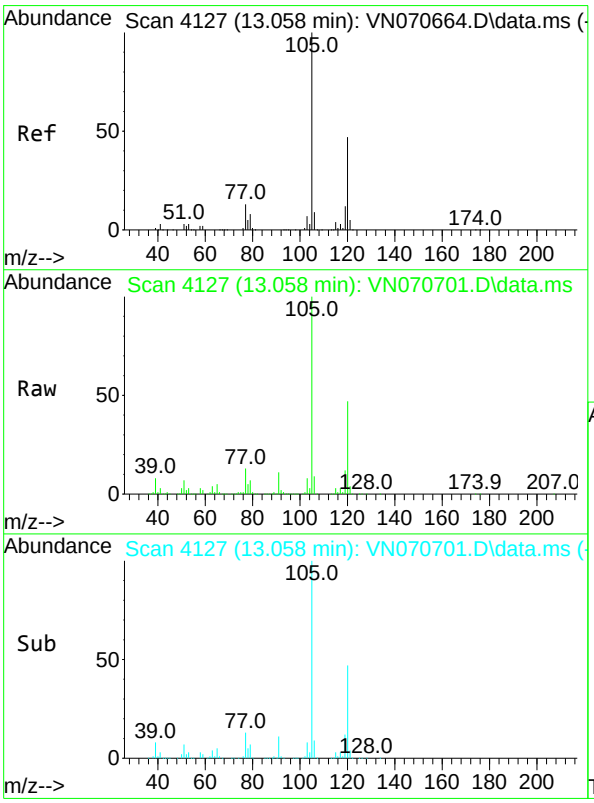
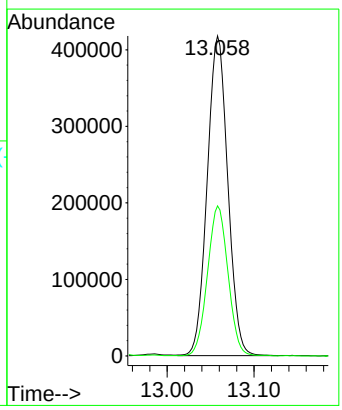
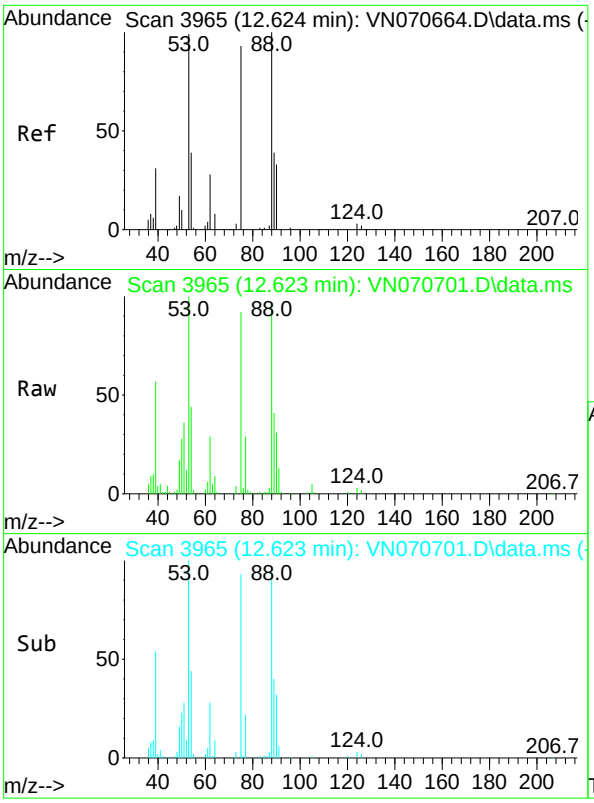


#80
1,3,5-Trimethylbenzene
Concen: 17.808 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:105 Resp: 685801

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.6	73.6

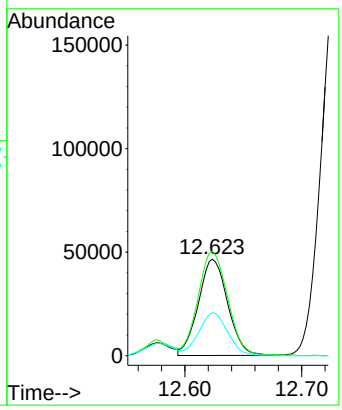




#81
trans-1,4-Dichloro-2-butene
Concen: 18.131 ug/l
RT: 12.623 min Scan# 3
Delta R.T. -0.001 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 75 Resp: 8125

Ion	Ratio	Lower	Upper
75	100		
53	107.8	90.5	135.7
89	44.3	38.2	57.4



Instrument :
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Dadoda

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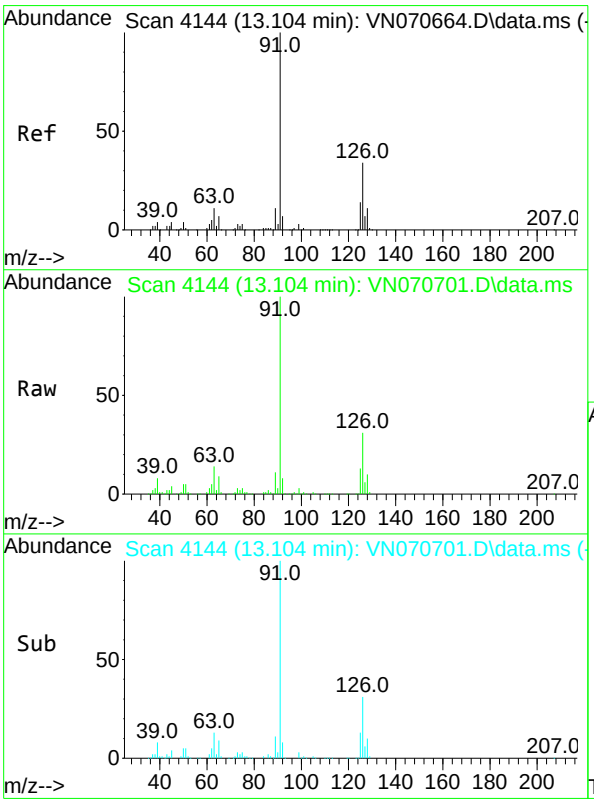
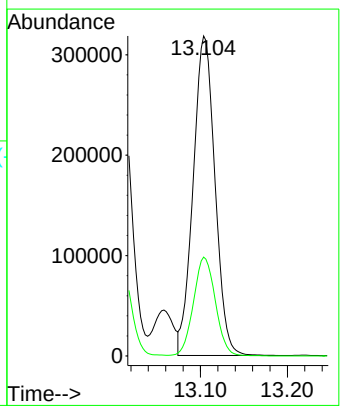
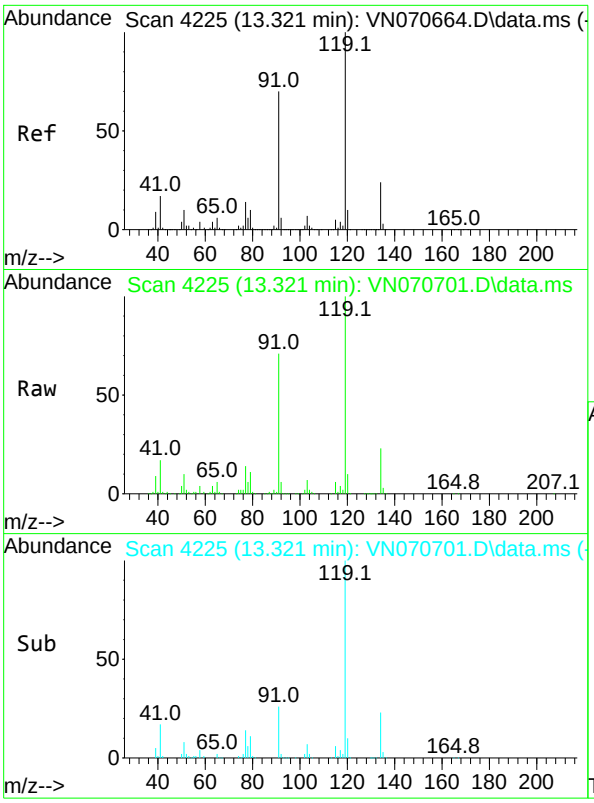


#82
4-Chlorotoluene
Concen: 17.626 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 91 Resp: 554805

Ion	Ratio	Lower	Upper
91	100		
126	31.1	18.2	54.6

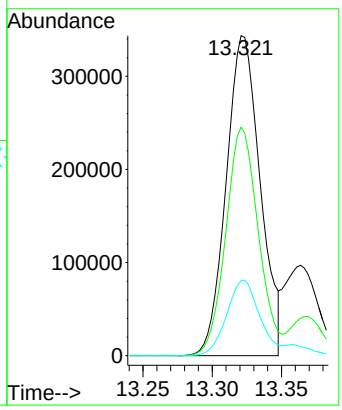




#83
tert-Butylbenzene
Concen: 17.525 ug/l
RT: 13.321 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:119 Resp: 58750

Ion	Ratio	Lower	Upper
119	100		
91	68.4	31.5	94.5
134	23.0	12.4	37.4



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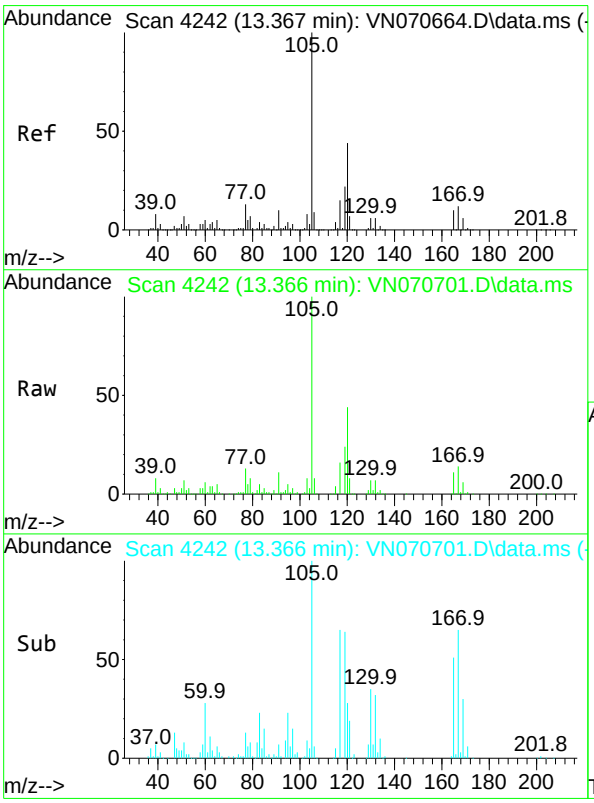
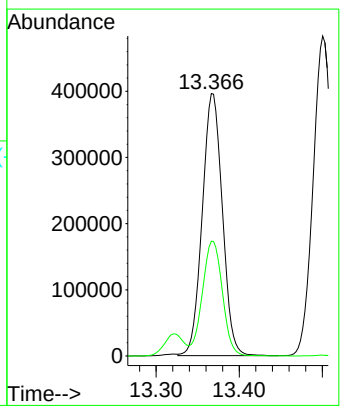
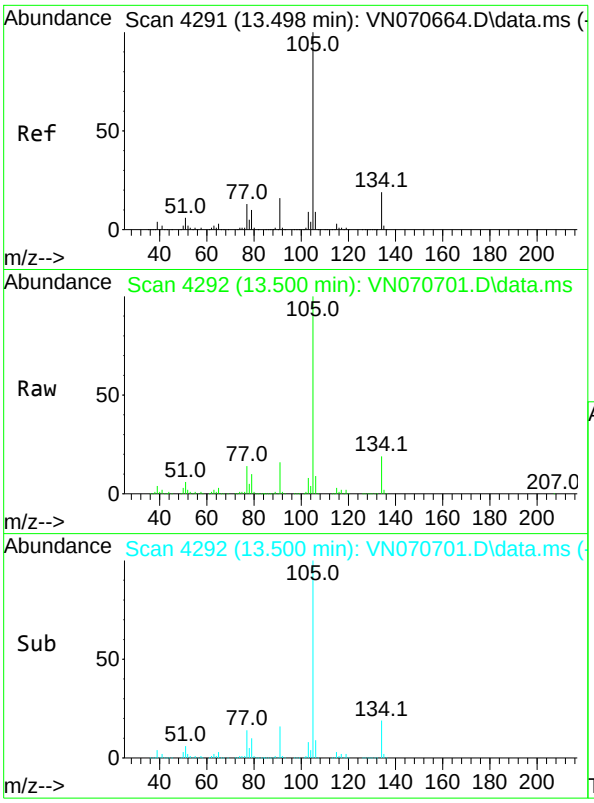


#84
1,2,4-Trimethylbenzene
Concen: 17.993 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:105 Resp: 666060

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.8	68.4

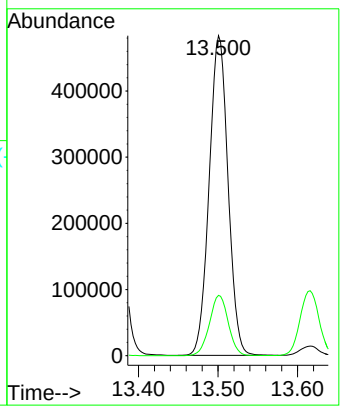




#85
sec-Butylbenzene
Concen: 17.439 ug/l
RT: 13.500 min Scan# 4
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:105 Resp: 79479

Ion	Ratio	Lower	Upper
105	100		
134	18.9	10.4	31.1



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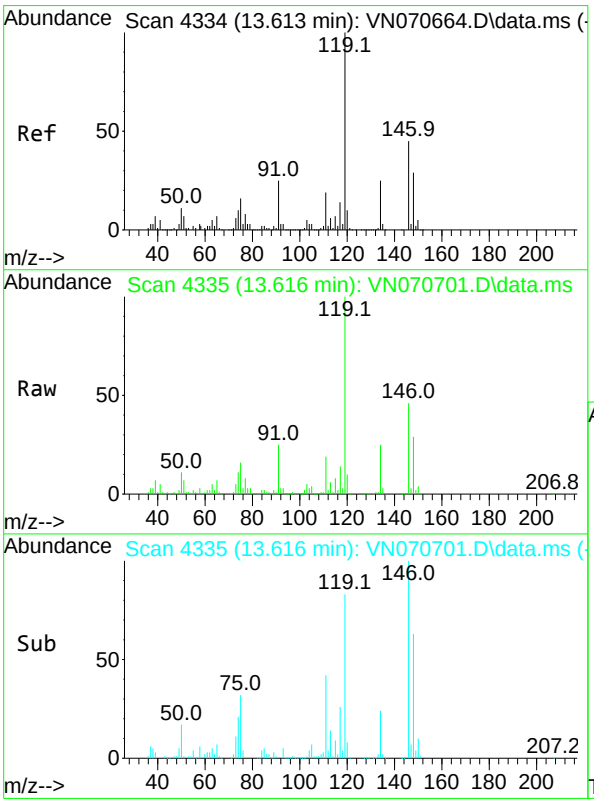
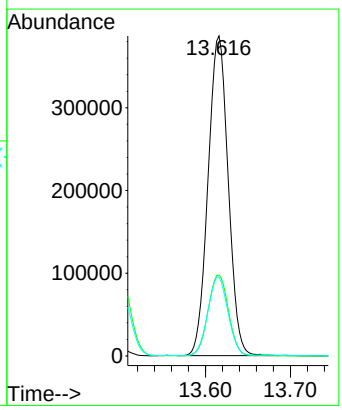
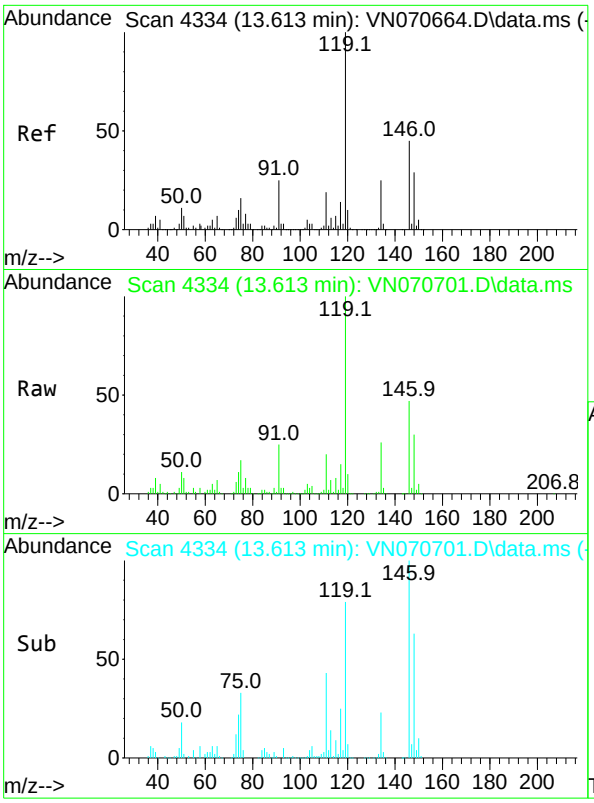


#86
p-Isopropyltoluene
Concen: 17.740 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:119 Resp: 635130

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.6	40.7
91	24.6	11.4	34.1

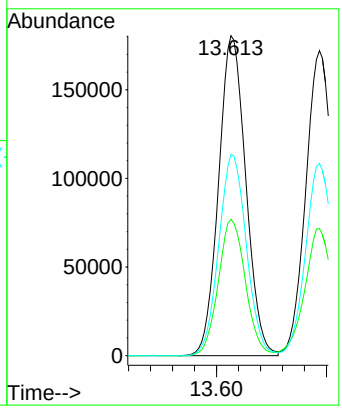




#87
1,3-Dichlorobenzene
Concen: 17.483 ug/l
RT: 13.613 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:146 Resp: 31053

Ion	Ratio	Lower	Upper
146	100		
111	42.3	18.6	55.6
148	63.9	31.6	95.0



Instrument :
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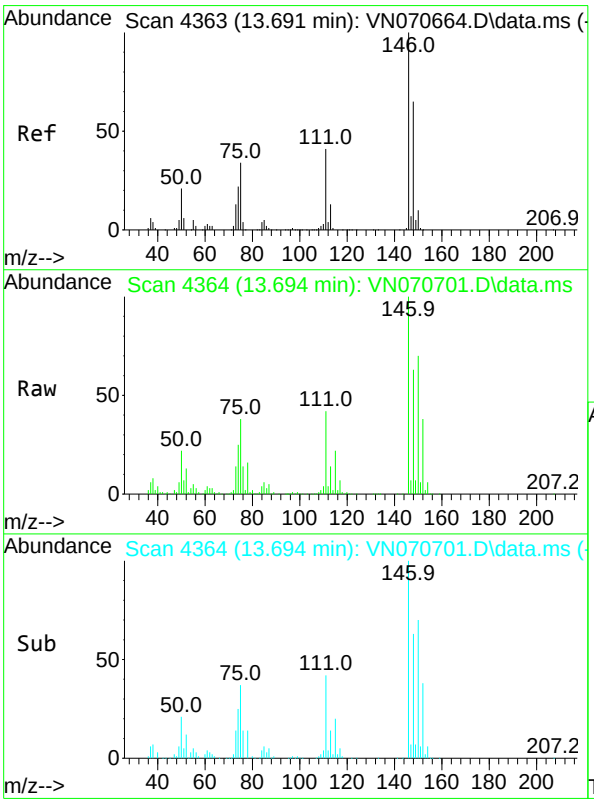
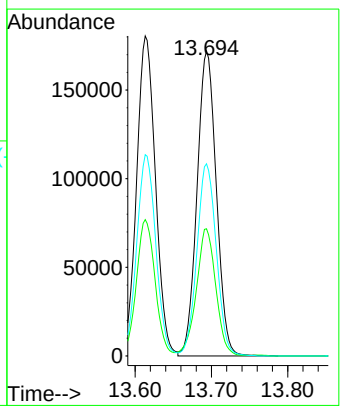
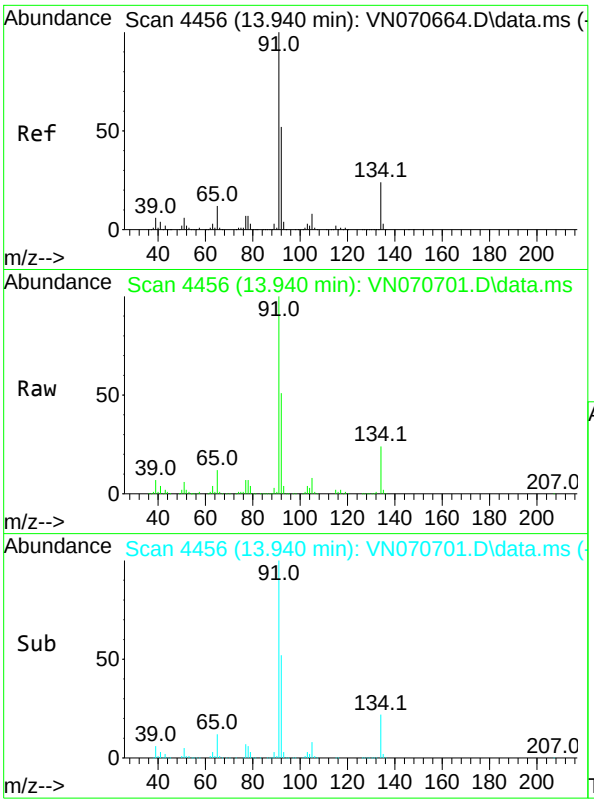


#88
1,4-Dichlorobenzene
Concen: 17.108 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:146 Resp: 302409

Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.3	54.8
148	63.7	31.8	95.4

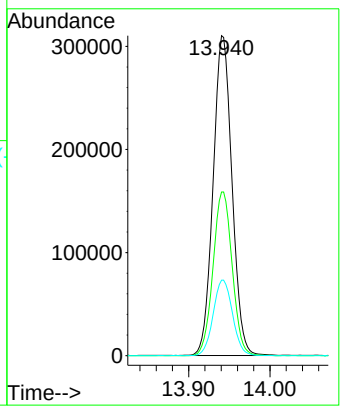




#89
n-Butylbenzene
Concen: 16.934 ug/l
RT: 13.940 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 91 Resp: 50014

Ion	Ratio	Lower	Upper
91	100		
92	52.0	25.4	76.0
134	24.3	13.6	40.8



Instrument :
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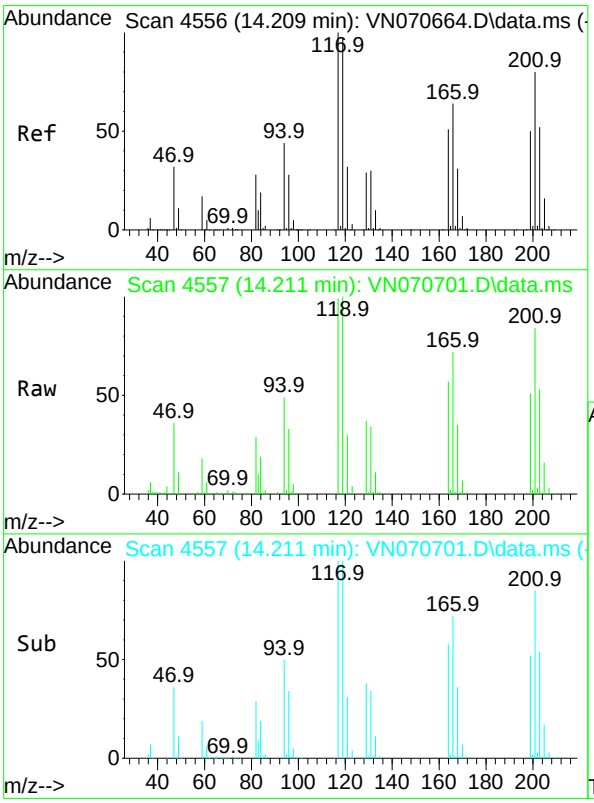
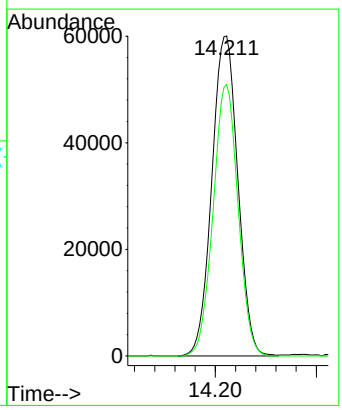
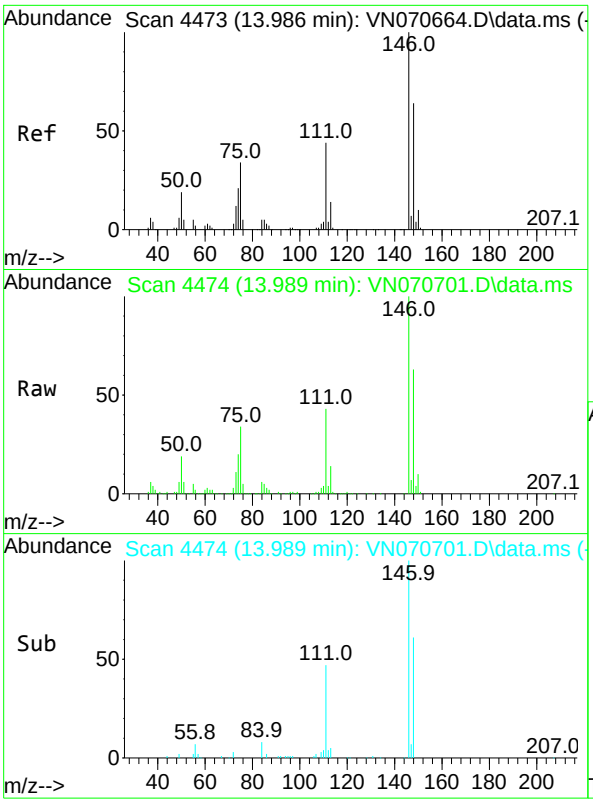


#90
Hexachloroethane
Concen: 17.110 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:117 Resp: 107077

Ion	Ratio	Lower	Upper
117	100		
201	81.4	43.9	131.6

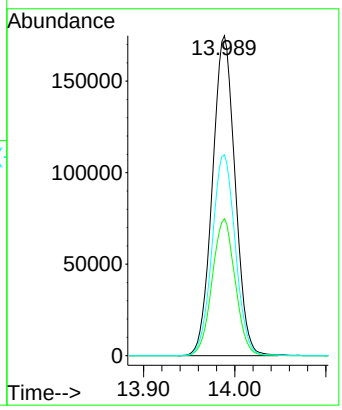




#91
1,2-Dichlorobenzene
Concen: 17.233 ug/l
RT: 13.989 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:146 Resp: 30241

Ion	Ratio	Lower	Upper
146	100		
111	43.4	19.1	57.3
148	64.4	32.1	96.3



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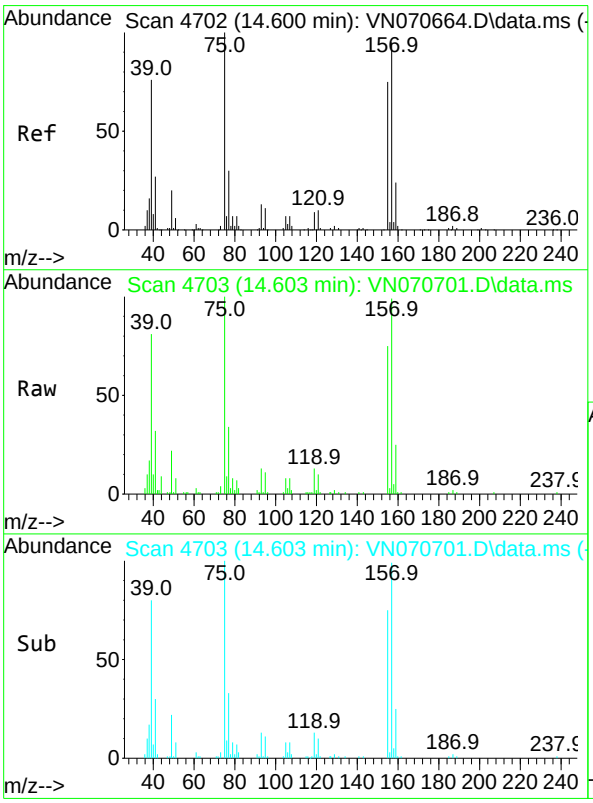
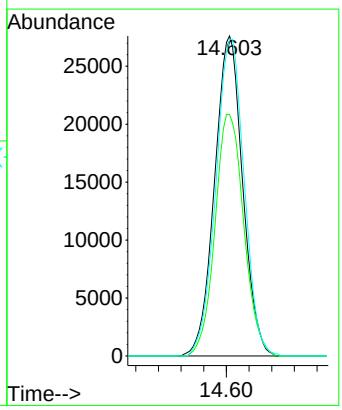
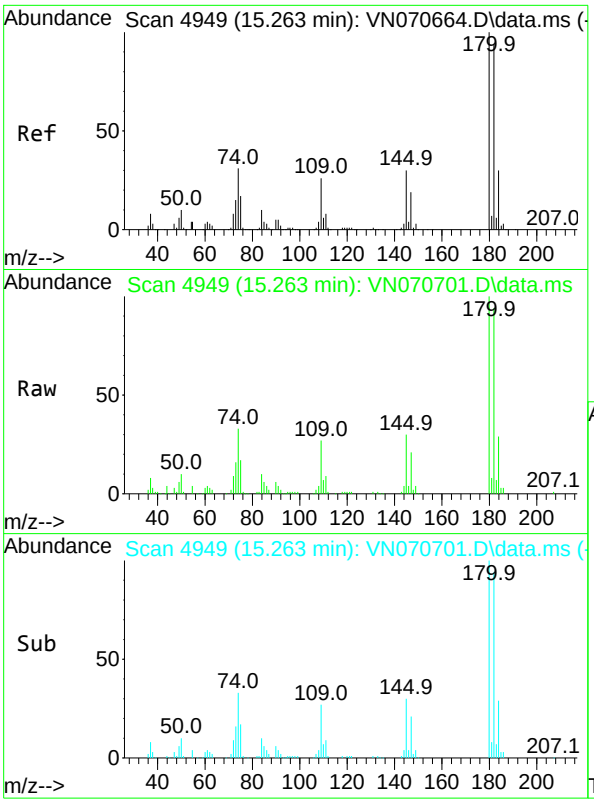


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.411 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion: 75 Resp: 47500

Ion	Ratio	Lower	Upper
75	100		
155	77.3	46.9	140.7
157	100.1	60.6	181.7

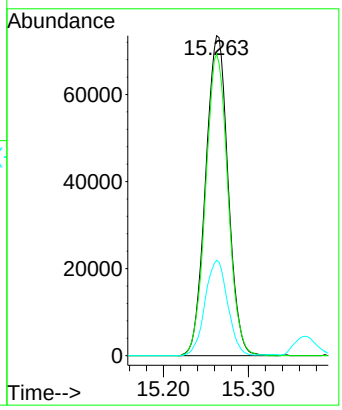




#93
1,2,4-Trichlorobenzene
Concen: 16.959 ug/l
RT: 15.263 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:180 Resp: 13512

Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.3	144.9
145	30.1	14.5	43.5



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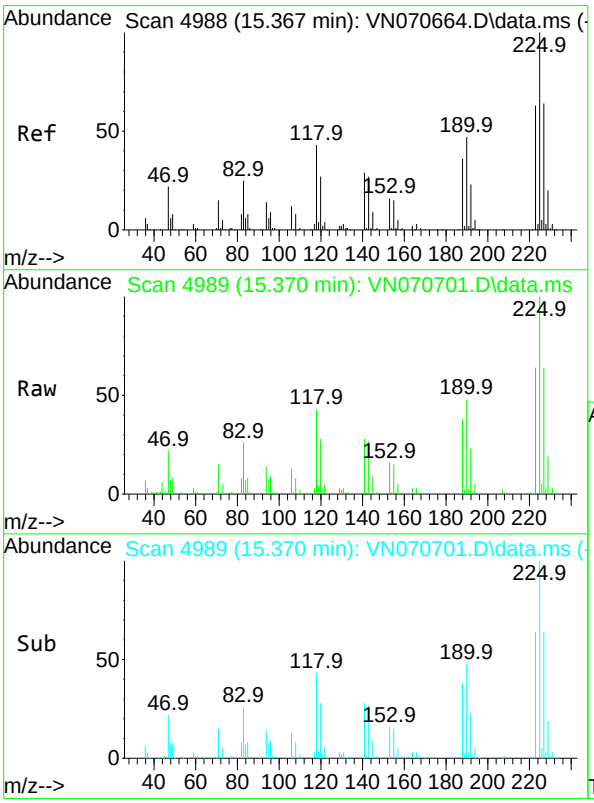
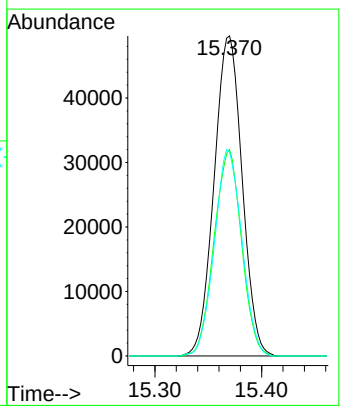
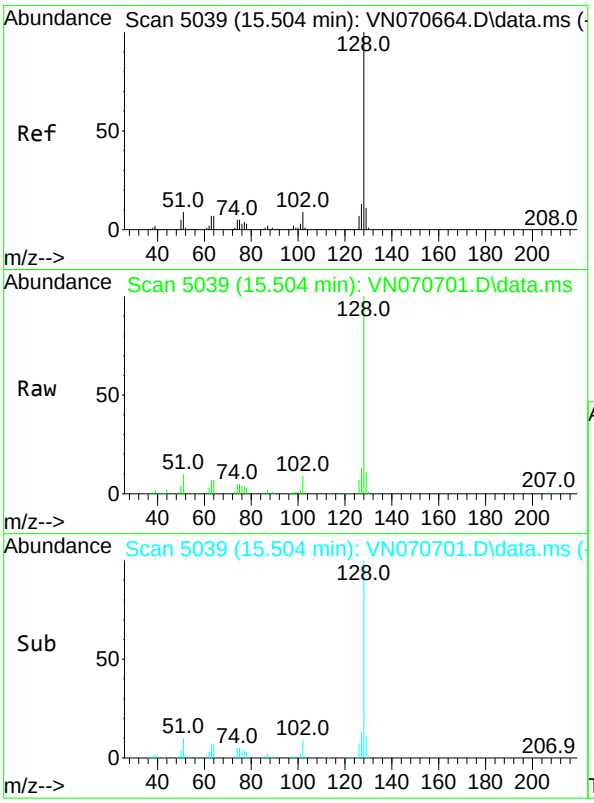


#94
Hexachlorobutadiene
Concen: 17.428 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:225 Resp: 90579

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.7
227	63.1	32.1	96.3

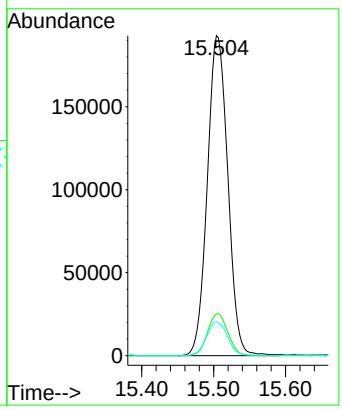




#95
Naphthalene
Concen: 18.128 ug/l
RT: 15.504 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:128 Resp: 38179

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.7	13.1



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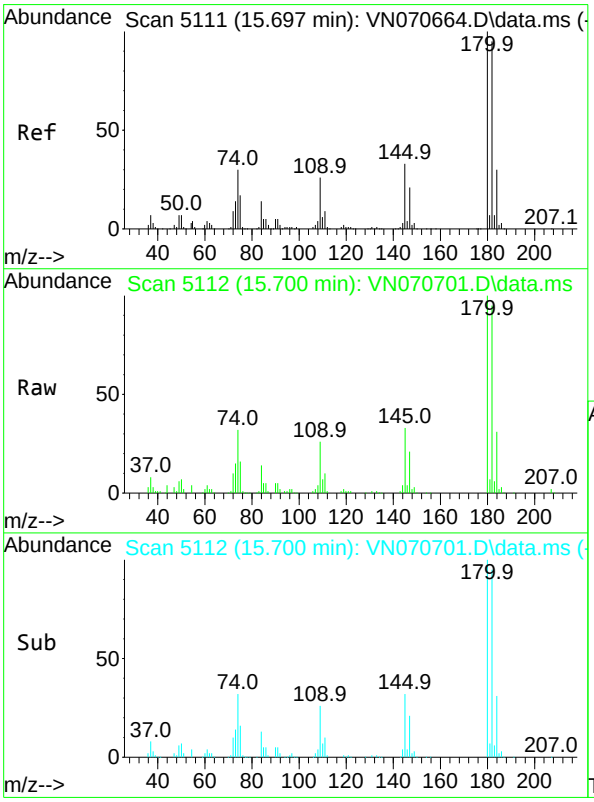
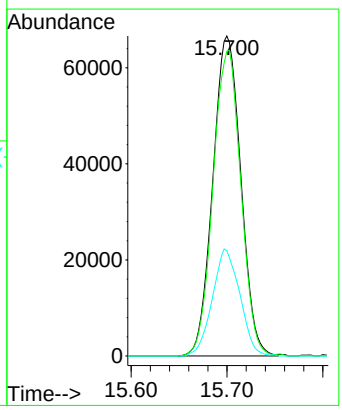


#96
1,2,3-Trichlorobenzene
Concen: 17.424 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070701.D
Acq: 19 Jan 2022 15:46

Tgt Ion:180 Resp: 134989

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	32.8	15.0	45.1