Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031122\
Data File : VN071240.D
Acq On : 11 Mar 2022 09:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 12 02:14:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.081	168	629614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	994044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	920404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	410887	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	404024	46.821	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.640%			
35) Dibromofluoromethane	8.016	113	307283	48.987	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.980%			
50) Toluene-d8	10.433	98	1217347	48.200	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.400%			
62) 4-Bromofluorobenzene	12.727	95	436854	51.080	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	308128	44.654	ug/l	98
3) Chloromethane	2.299	50	436711	47.139	ug/l	99
4) Vinyl Chloride	2.440	62	389235	46.028	ug/l	100
5) Bromomethane	2.834	94	212307	57.068	ug/l	96
6) Chloroethane	3.005	64	242816	47.414	ug/l	98
7) Trichlorofluoromethane	3.369	101	517168	46.464	ug/l	96
8) Diethyl Ether	3.822	74	220235	46.239	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	306052	47.498	ug/l	96
10) Methyl Iodide	4.416	142	394411	43.338	ug/l	99
11) Tert butyl alcohol	5.357	59	367614	216.862	ug/l	99
12) 1,1-Dichloroethene	4.181	96	292665	46.366	ug/l	91
13) Acrolein	4.034	56	367488	204.816	ug/l	99
14) Allyl chloride	4.840	41	640575	46.660	ug/l	86
15) Acrylonitrile	5.546	53	1150609	228.593	ug/l	99
16) Acetone	4.281	43	939689	223.808	ug/l	96
17) Carbon Disulfide	4.528	76	783241	43.586	ug/l	99
18) Methyl Acetate	4.846	43	557088	49.410	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1141117	48.150	ug/l	96
20) Methylene Chloride	5.093	84	365212	47.611	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	321972	46.634	ug/l	93
22) Diisopropyl ether	6.493	45	1297778	47.983	ug/l	90
23) Vinyl Acetate	6.428	43	5648148	246.673	ug/l	98
24) 1,1-Dichloroethane	6.381	63	672035	47.022	ug/l	99
25) 2-Butanone	7.328	43	1564131	231.260	ug/l	96
26) 2,2-Dichloropropane	7.322	77	546392	49.556	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	387122	47.243	ug/l	89
28) Bromochloromethane	7.651	49	294049	46.202	ug/l	82
29) Tetrahydrofuran	7.675	42	1068088	227.951	ug/l	92
30) Chloroform	7.810	83	645438	47.350	ug/l	99
31) Cyclohexane	8.092	56	624612	45.328	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	549693	47.342	ug/l	97
36) 1,1-Dichloropropene	8.216	75	489586	48.713	ug/l	96
37) Ethyl Acetate	7.404	43	640733	46.323	ug/l	97
38) Carbon Tetrachloride	8.198	117	477472	49.116	ug/l	99
39) Methylcyclohexane	9.451	83	600227	50.766	ug/l	96
40) Benzene	8.451	78	1483343	48.986	ug/l	98

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 12 02:14:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.628	41	324849	47.991	ug/l		87
42) 1,2-Dichloroethane	8.522	62	520703	49.415	ug/l		99
43) Isopropyl Acetate	8.551	43	1033548	49.968	ug/l		95
44) Trichloroethene	9.210	130	356269	49.864	ug/l		96
45) 1,2-Dichloropropane	9.486	63	399841	49.189	ug/l		99
46) Dibromomethane	9.575	93	247679	49.505	ug/l		97
47) Bromodichloromethane	9.757	83	505843	50.030	ug/l		99
48) Methyl methacrylate	9.551	41	484101	50.504	ug/l	#	82
49) 1,4-Dioxane	9.563	88	163097	978.884	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.322	43	3173053	247.186	ug/l		100
52) Toluene	10.498	92	929787	49.864	ug/l		96
53) t-1,3-Dichloropropene	10.716	75	572631	51.378	ug/l		100
54) cis-1,3-Dichloropropene	10.186	75	609703	50.065	ug/l		96
55) 1,1,2-Trichloroethane	10.892	97	363569	48.659	ug/l		97
56) Ethyl methacrylate	10.757	69	622571	51.022	ug/l		91
57) 1,3-Dichloropropane	11.039	76	660122	49.221	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.034	63	9073	31.010	ug/l		98
59) 2-Hexanone	11.081	43	2298010	262.372	ug/l		100
60) Dibromochloromethane	11.233	129	385518	51.929	ug/l		100
61) 1,2-Dibromoethane	11.339	107	370806	48.557	ug/l		99
64) Tetrachloroethene	10.975	164	311276	48.491	ug/l		96
65) Chlorobenzene	11.763	112	966599	48.901	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.833	131	360104	49.685	ug/l		99
67) Ethyl Benzene	11.839	91	1787807	51.155	ug/l		99
68) m/p-Xylenes	11.945	106	1373501	107.428	ug/l		99
69) o-Xylene	12.275	106	675446	52.703	ug/l		99
70) Styrene	12.286	104	1101205	55.509	ug/l		97
71) Bromoform	12.451	173	290697	52.815	ug/l	#	100
73) Isopropylbenzene	12.575	105	1733990	43.778	ug/l		99
74) N-amyl acetate	12.380	43	704013	47.272	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.822	83	576989	48.968	ug/l		99
76) 1,2,3-Trichloropropane	12.874	75	734202	75.145	ug/l		68
77) Bromobenzene	12.857	156	410680	44.464	ug/l		82
78) n-propylbenzene	12.916	91	2008377	47.253	ug/l		97
79) 2-Chlorotoluene	13.004	91	1209695	44.337	ug/l		94
80) 1,3,5-Trimethylbenzene	13.051	105	1443809	46.853	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.622	75	188563	49.609	ug/l		90
82) 4-Chlorotoluene	13.098	91	1172947	48.265	ug/l		94
83) tert-Butylbenzene	13.316	119	1270611	46.203	ug/l		98
84) 1,2,4-Trimethylbenzene	13.363	105	1428621	48.401	ug/l		100
85) sec-Butylbenzene	13.498	105	1741671	47.648	ug/l		99
86) p-Isopropyltoluene	13.610	119	1451013	50.476	ug/l		98
87) 1,3-Dichlorobenzene	13.610	146	703157	46.854	ug/l		97
88) 1,4-Dichlorobenzene	13.686	146	689992	47.035	ug/l		98
89) n-Butylbenzene	13.939	91	1149319	51.117	ug/l		97
90) Hexachloroethane	14.204	117	252965	44.250	ug/l		88
91) 1,2-Dichlorobenzene	13.980	146	668156	46.310	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	105420	45.743	ug/l		88
93) 1,2,4-Trichlorobenzene	15.257	180	315156	46.993	ug/l		100
94) Hexachlorobutadiene	15.363	225	191200	47.205	ug/l		99
95) Naphthalene	15.498	128	899058	47.961	ug/l		99
96) 1,2,3-Trichlorobenzene	15.692	180	307106	47.738	ug/l		99

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Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 12 02:14:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
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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\VN031122\
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Operator : JC\MD
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Instrument :
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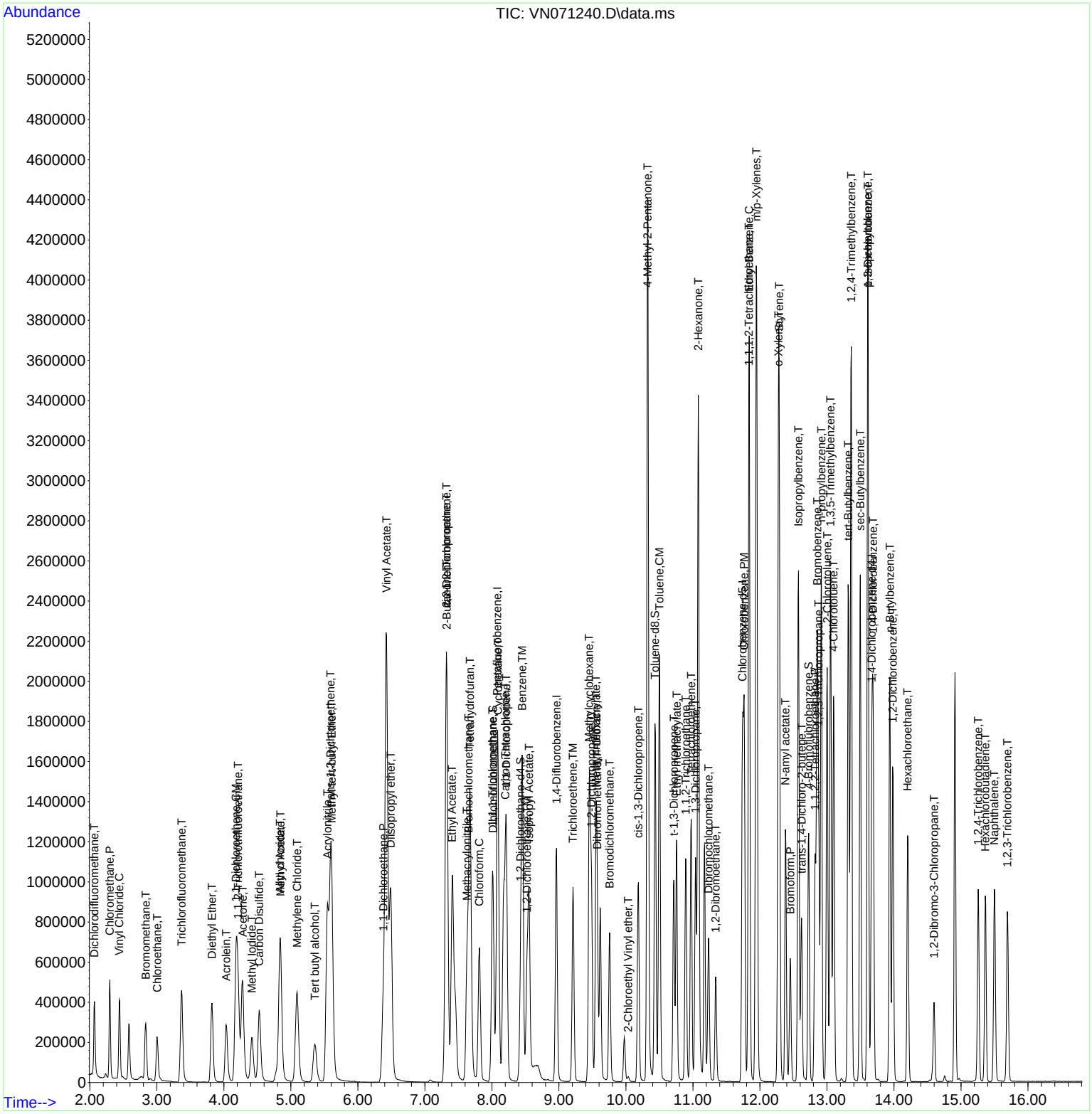
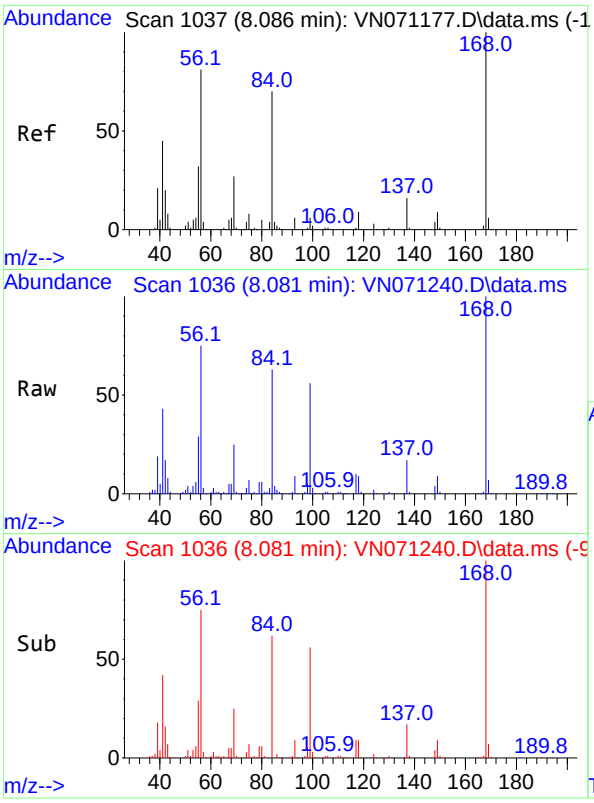
Quant Time: Mar 12 02:14:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration



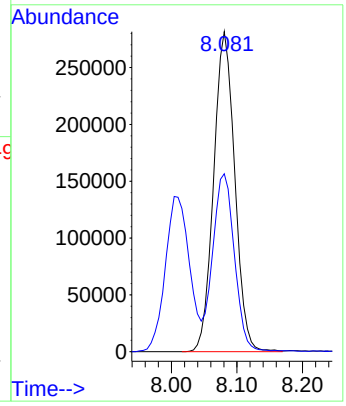


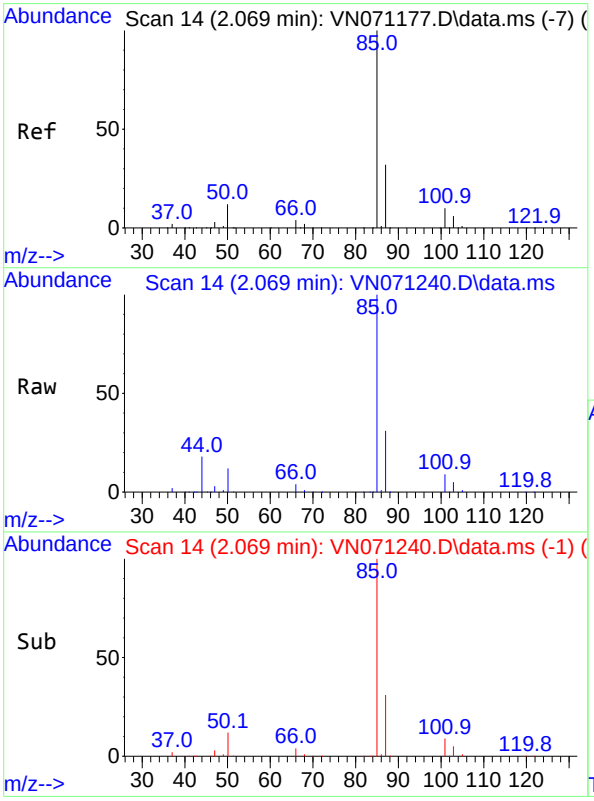
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 629614

Ion	Ratio	Lower	Upper
168	100		
99	55.3	41.3	61.9

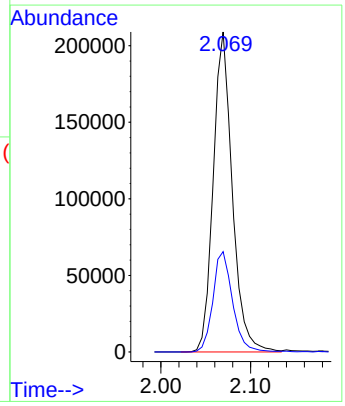


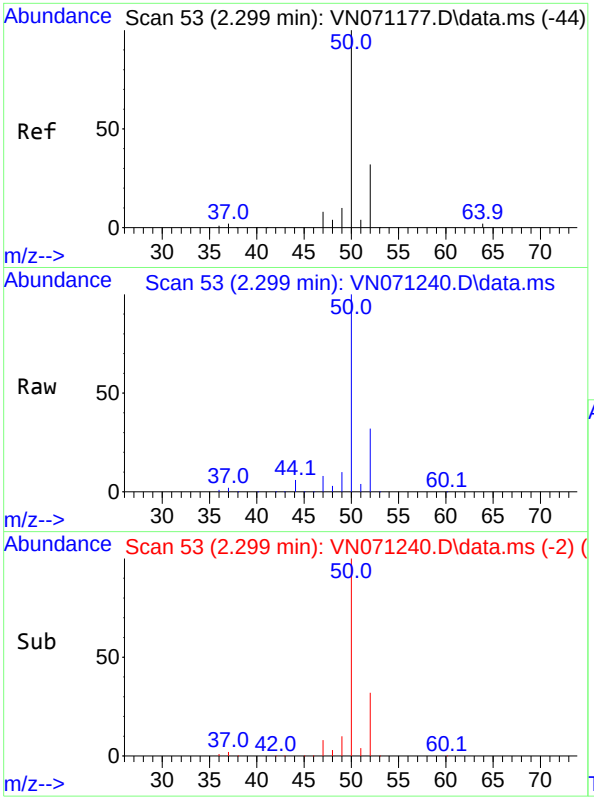


#2
Dichlorodifluoromethane
Concen: 44.654 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 85 Resp: 308128

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.3	48.9



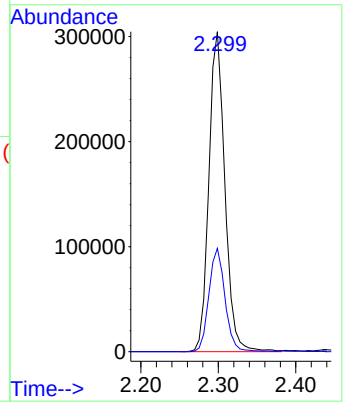


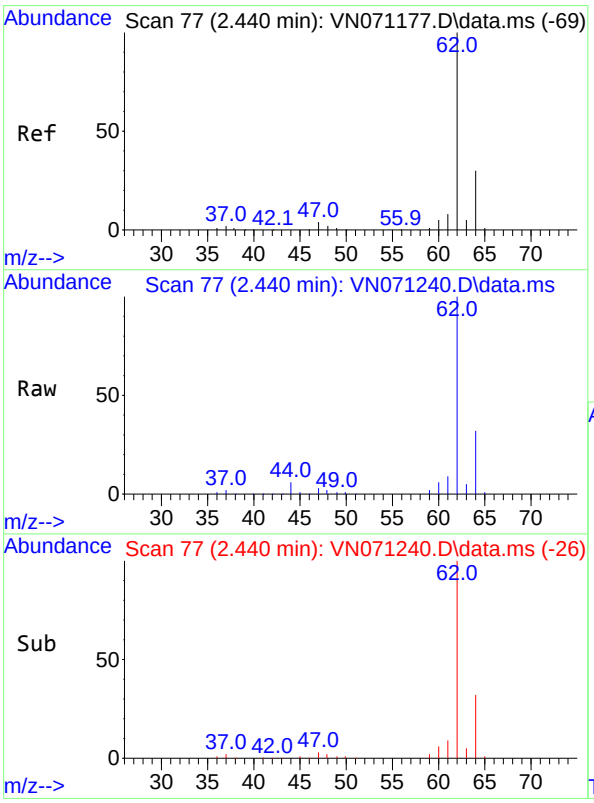
#3
Chloromethane
Concen: 47.139 ug/l
RT: 2.299 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 436711

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.4	38.0

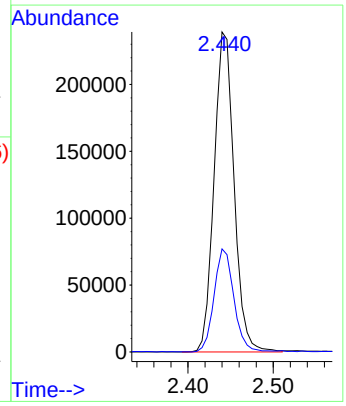


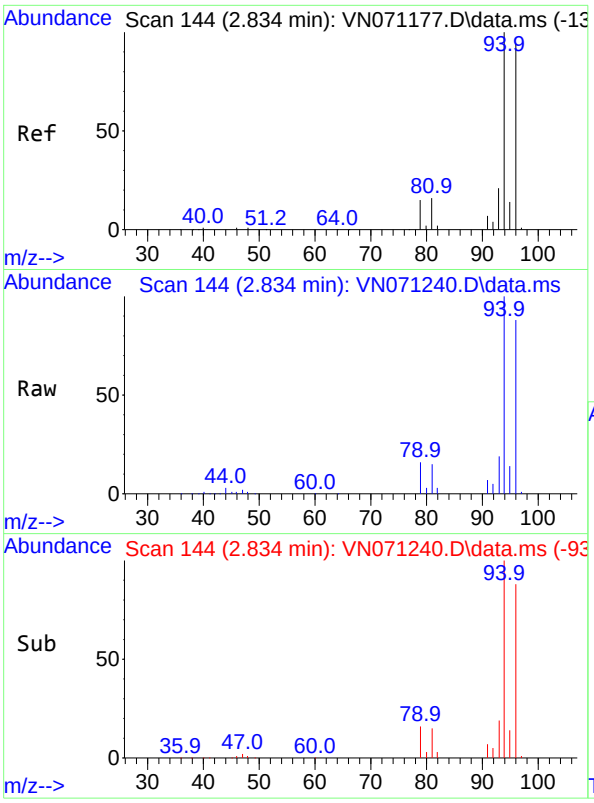


#4
Vinyl Chloride
Concen: 46.028 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 62 Resp: 389235

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.8	38.6



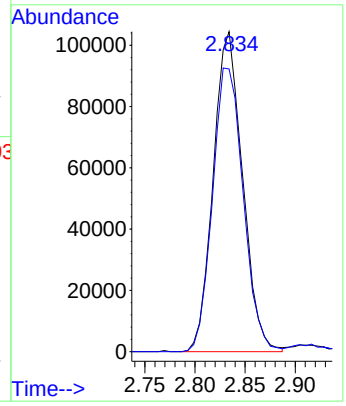


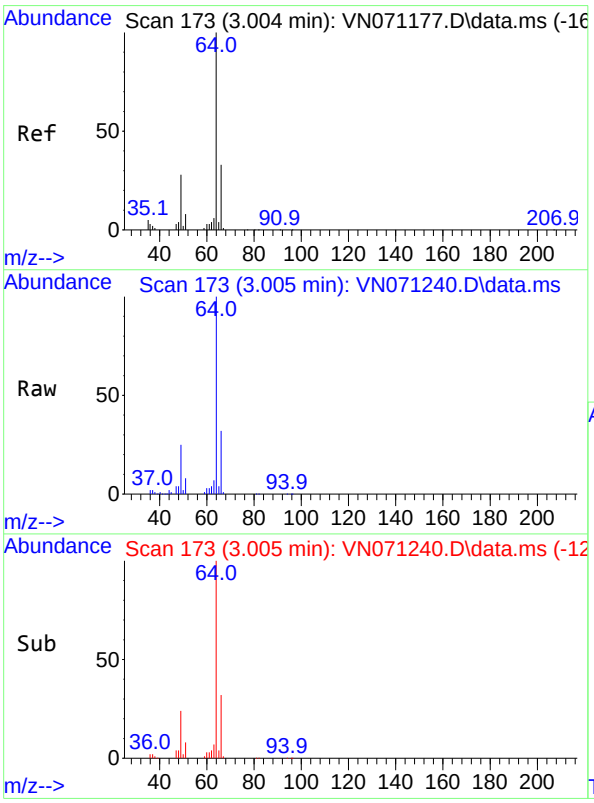
#5
Bromomethane
Concen: 57.068 ug/l
RT: 2.834 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 212307

Ion	Ratio	Lower	Upper
94	100		
96	88.4	73.8	110.8

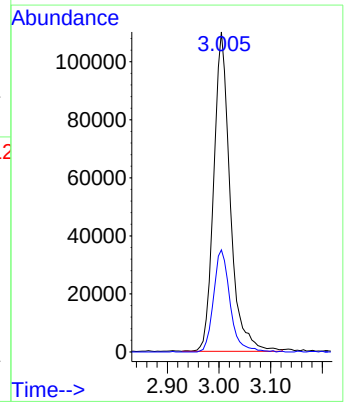


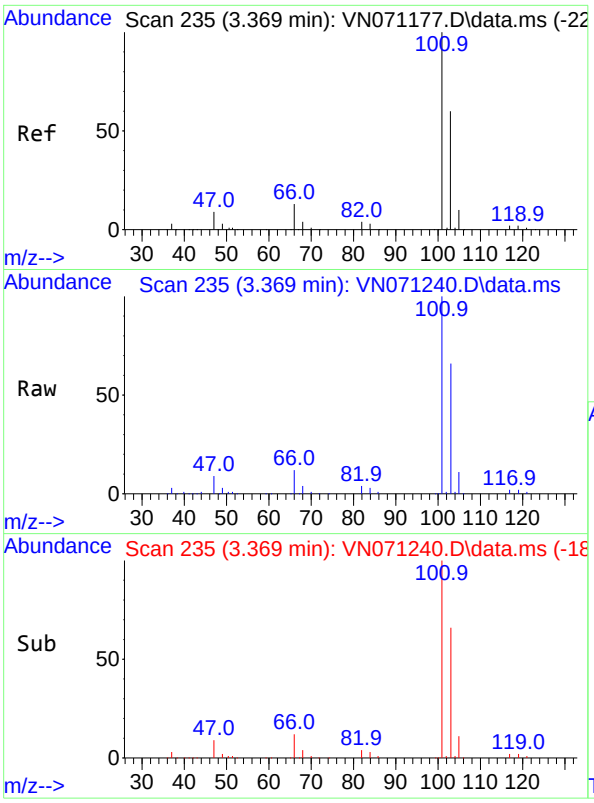


#6
Chloroethane
Concen: 47.414 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 64 Resp: 242816

Ion	Ratio	Lower	Upper
64	100		
66	32.0	26.3	39.5



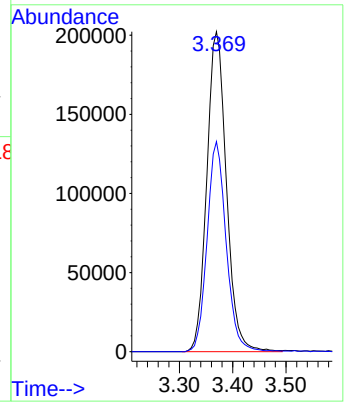


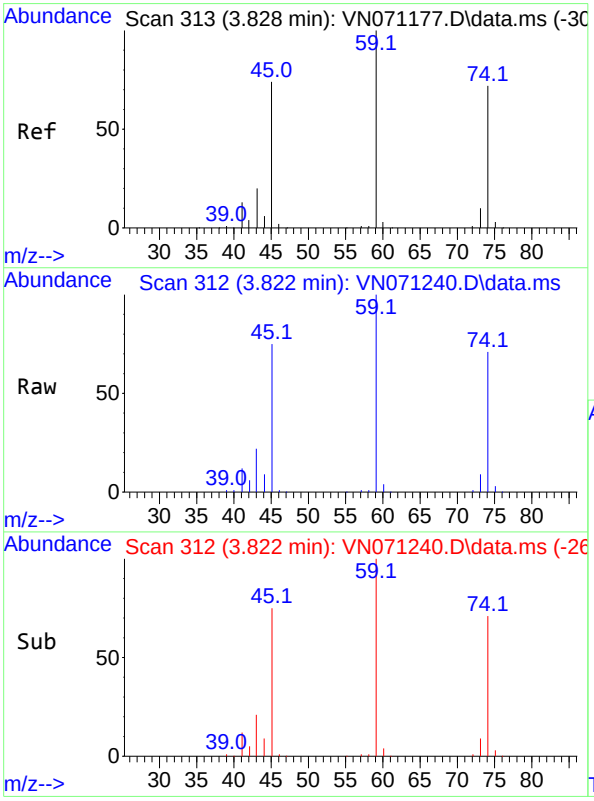
#7
Trichlorofluoromethane
Concen: 46.464 ug/l
RT: 3.369 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 517168

Ion	Ratio	Lower	Upper
101	100		
103	65.6	50.1	75.1

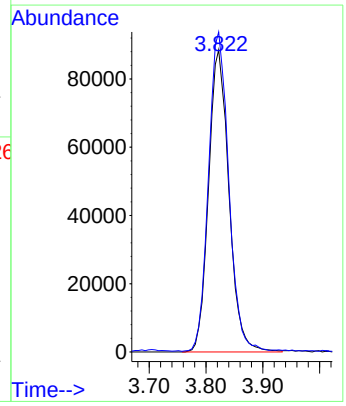


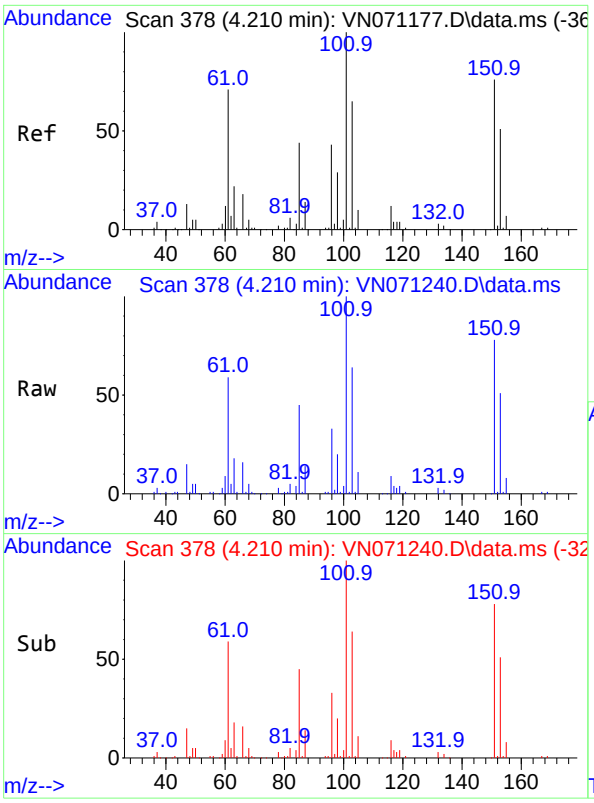


#8
Diethyl Ether
Concen: 46.239 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 74 Resp: 220235

Ion	Ratio	Lower	Upper
74	100		
45	105.1	47.0	141.2



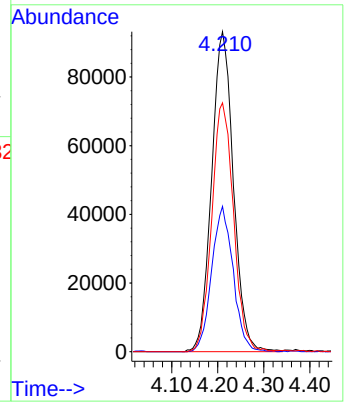


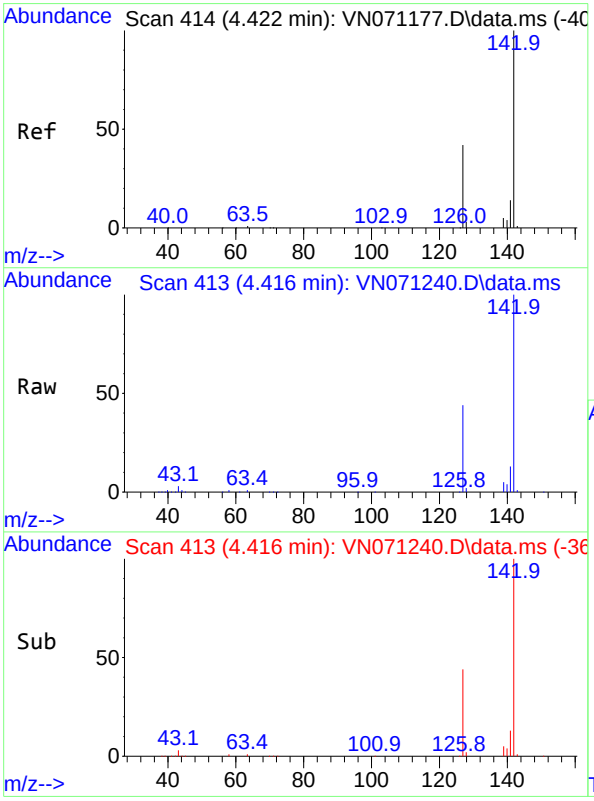
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.498 ug/l
RT: 4.210 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 306052

Ion	Ratio	Lower	Upper
101	100		
85	44.8	37.2	55.8
151	77.9	65.9	98.9

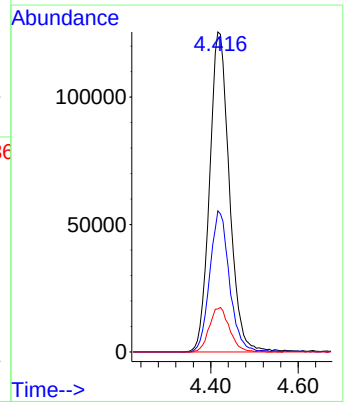


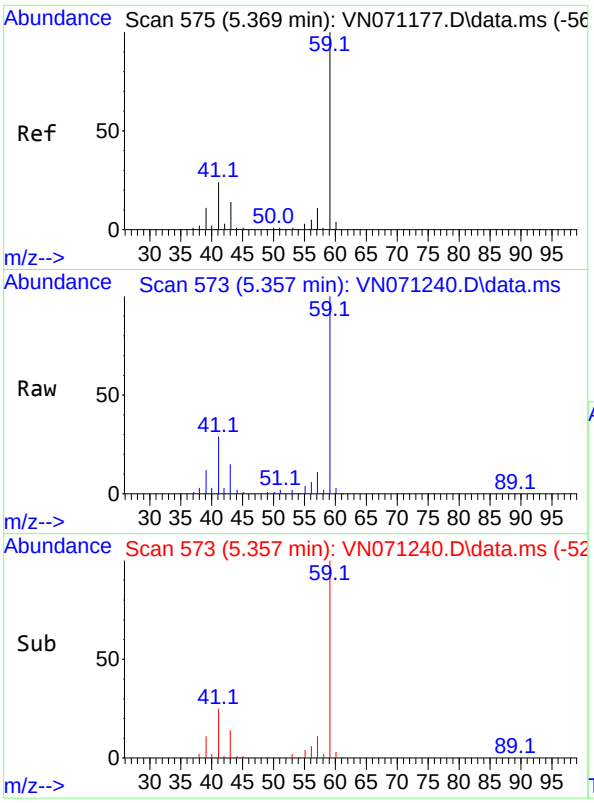


#10
Methyl Iodide
Concen: 43.338 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:142 Resp: 394411

Ion	Ratio	Lower	Upper
142	100		
127	43.7	35.4	53.0
141	14.1	11.6	17.4



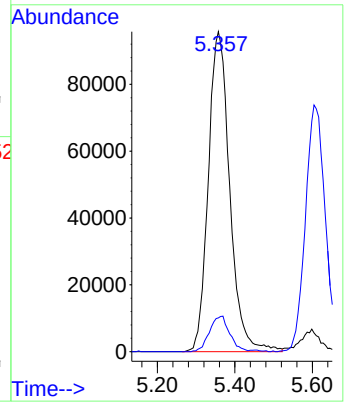


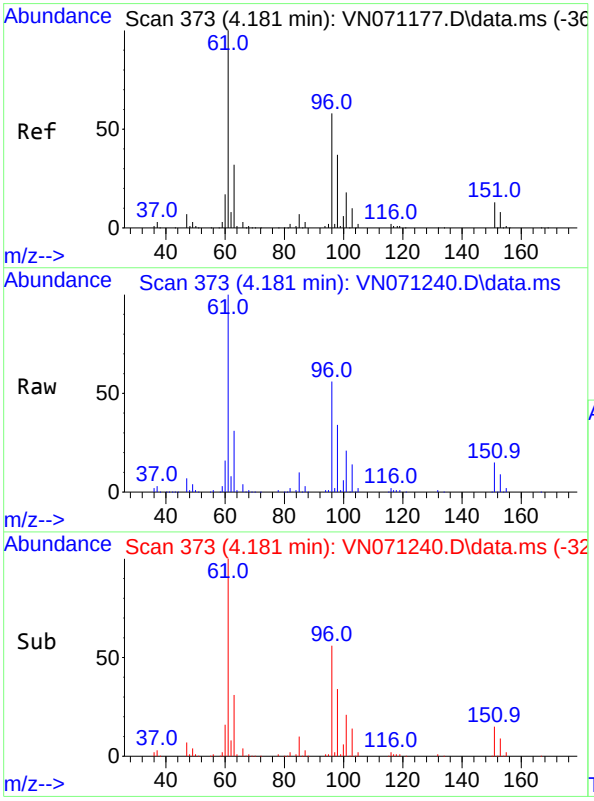
#11
Tert butyl alcohol
Concen: 216.862 ug/l
RT: 5.357 min Scan# 5
Delta R.T. -0.012 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 367614

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.7	13.1

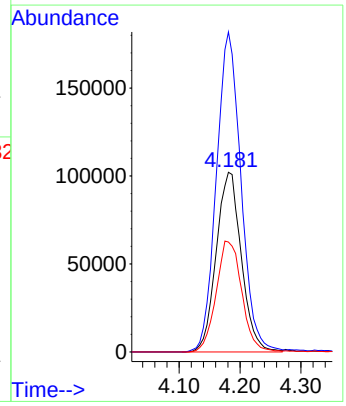


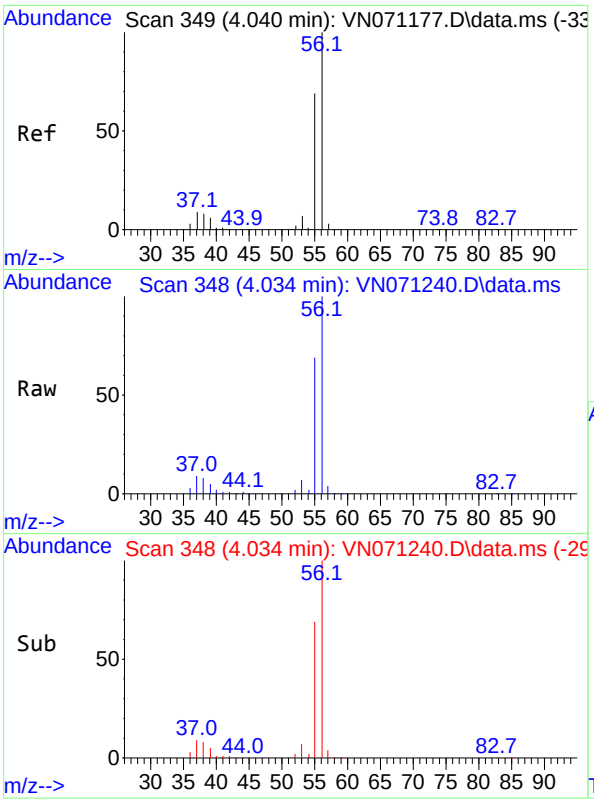


#12
1,1-Dichloroethene
Concen: 46.366 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 96 Resp: 292665

Ion	Ratio	Lower	Upper
96	100		
61	178.1	131.0	196.6
98	61.2	52.4	78.6



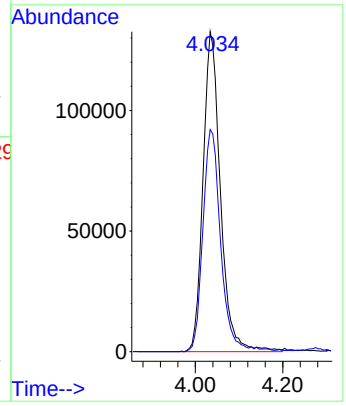


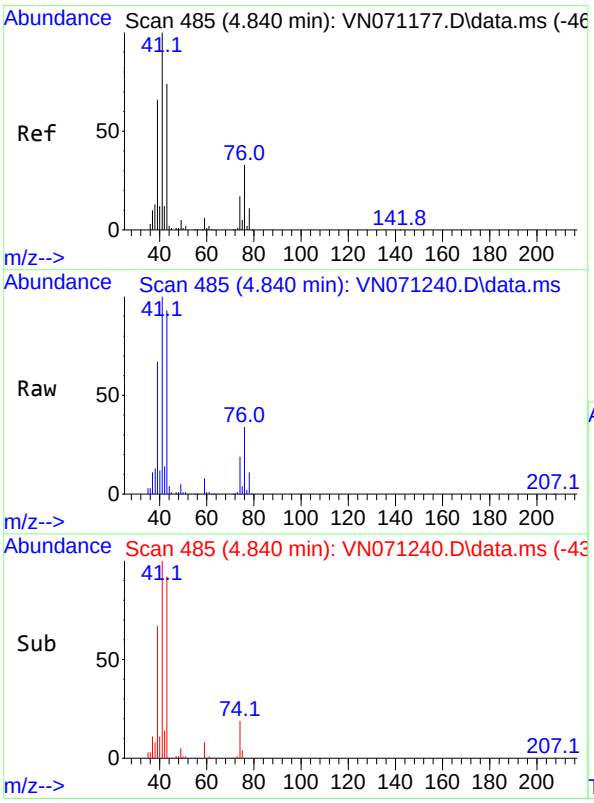
#13
Acrolein
Concen: 204.816 ug/l
RT: 4.034 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 367488

Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.6	85.0

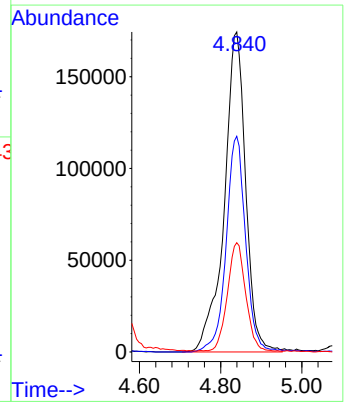


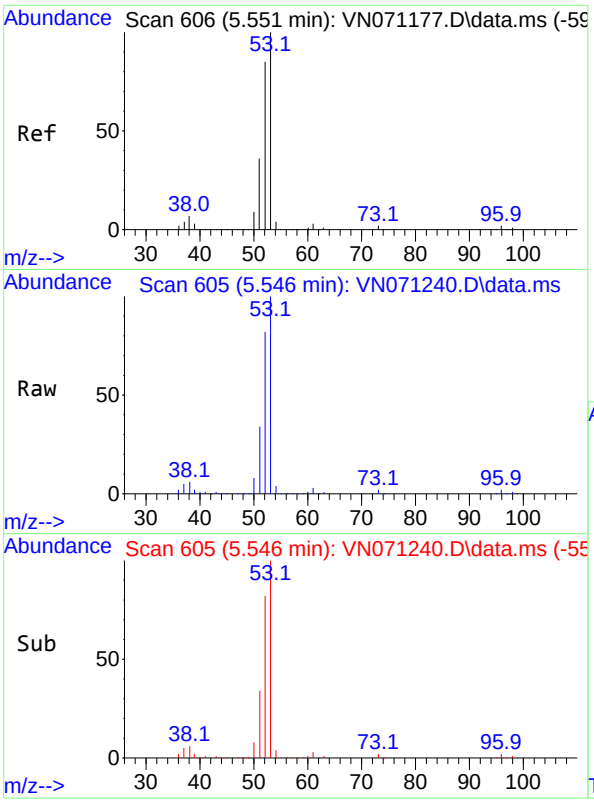


#14
Allyl chloride
Concen: 46.660 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 41 Resp: 640575

Ion	Ratio	Lower	Upper
41	100		
39	61.4	61.2	91.8
76	28.9	26.0	39.0



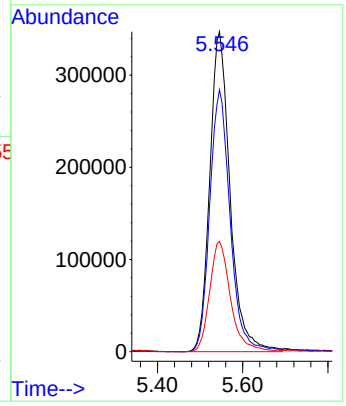


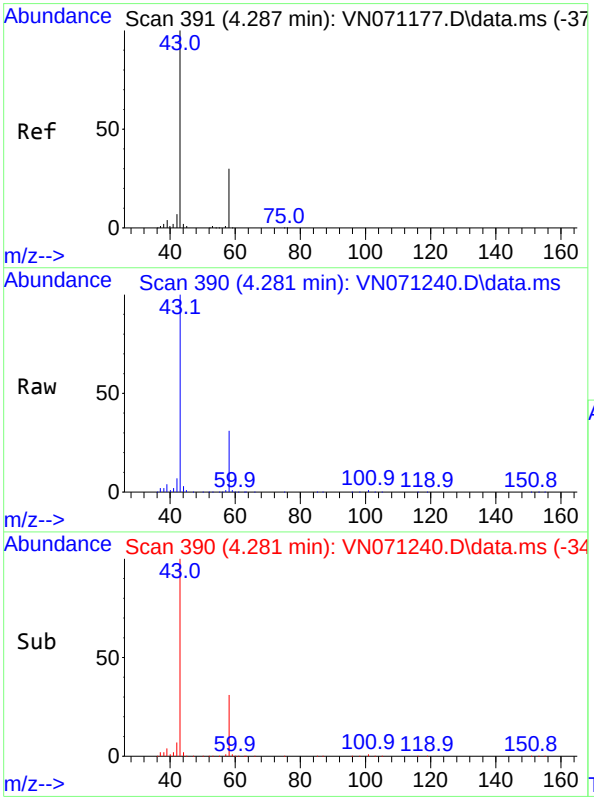
#15
Acrylonitrile
Concen: 228.593 ug/l
RT: 5.546 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 53 Resp: 1150609

Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.2	99.2
51	35.4	29.6	44.4

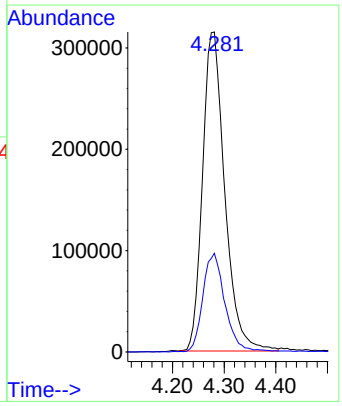


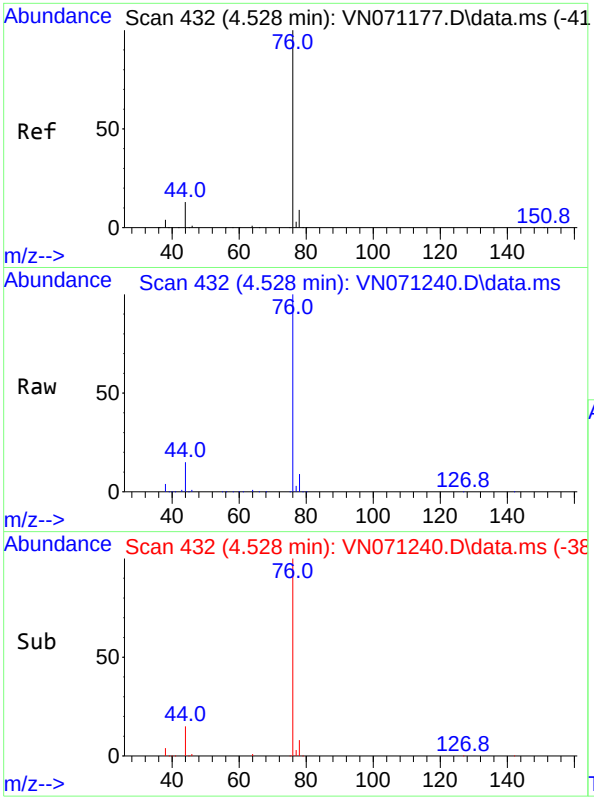


#16
Acetone
Concen: 223.808 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 43 Resp: 939689

Ion	Ratio	Lower	Upper
43	100		
58	30.9	23.1	34.7



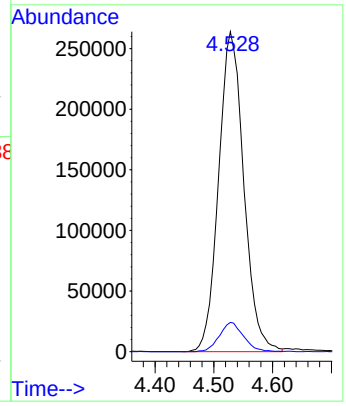


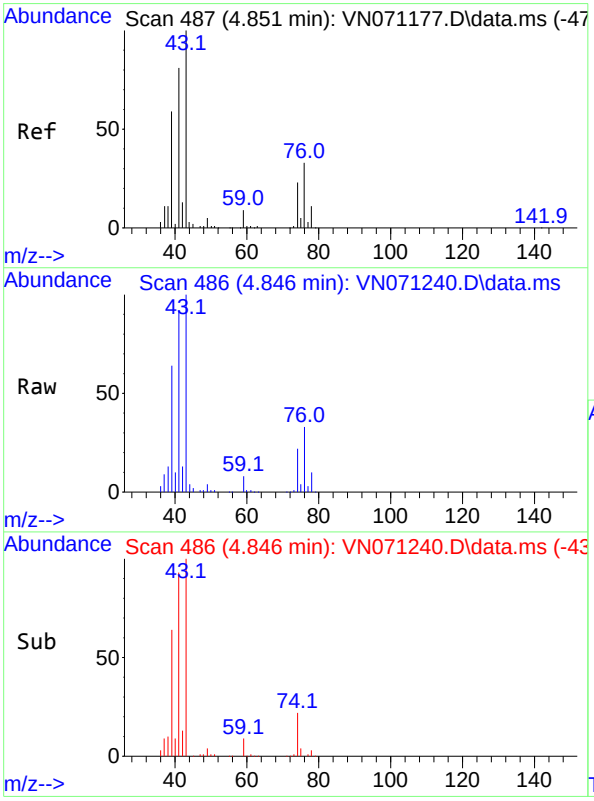
#17
Carbon Disulfide
Concen: 43.586 ug/l
RT: 4.528 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 783241

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

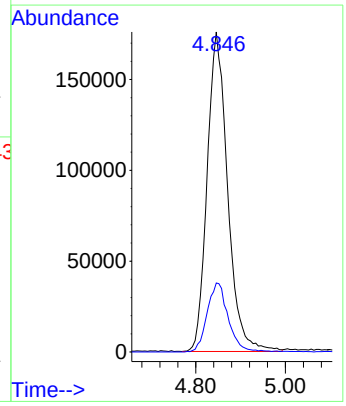


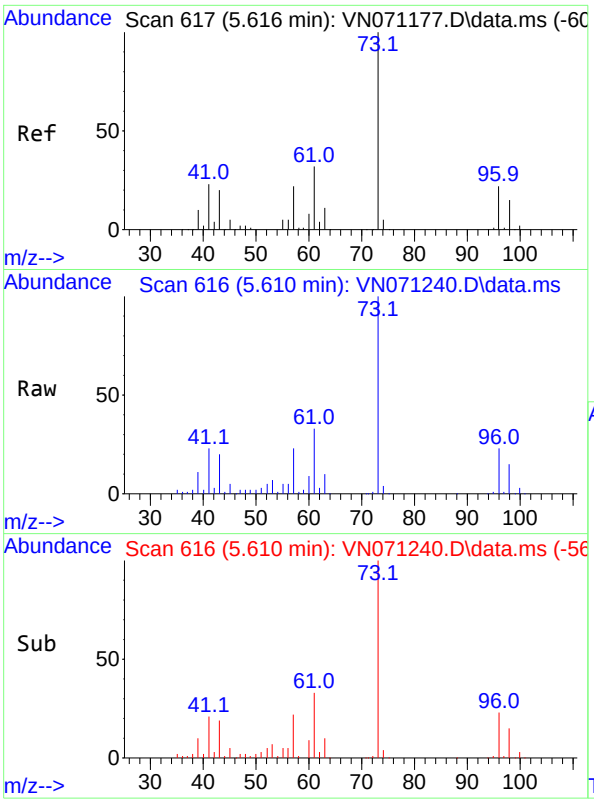


#18
Methyl Acetate
Concen: 49.410 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 43 Resp: 557088

Ion	Ratio	Lower	Upper
43	100		
74	22.2	19.4	29.2



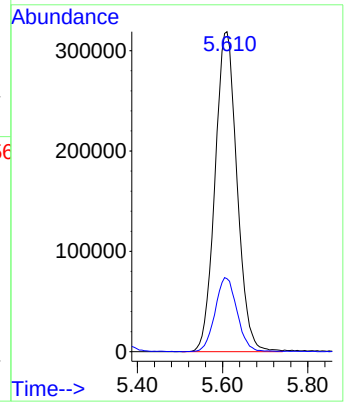


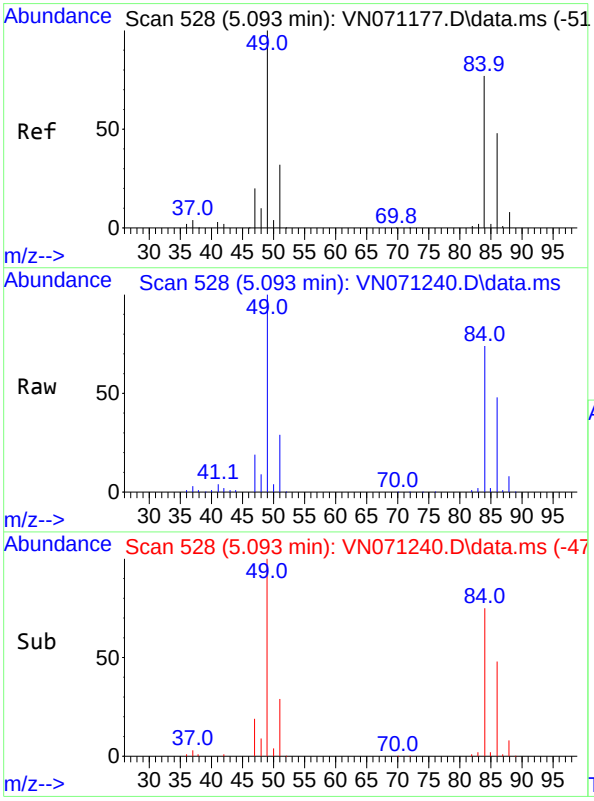
#19
Methyl tert-butyl Ether
Concen: 48.150 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 1141117

Ion	Ratio	Lower	Upper
73	100		
57	22.8	16.8	25.2

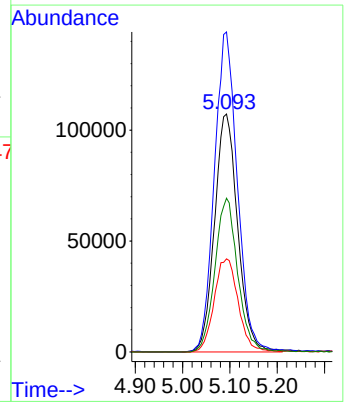


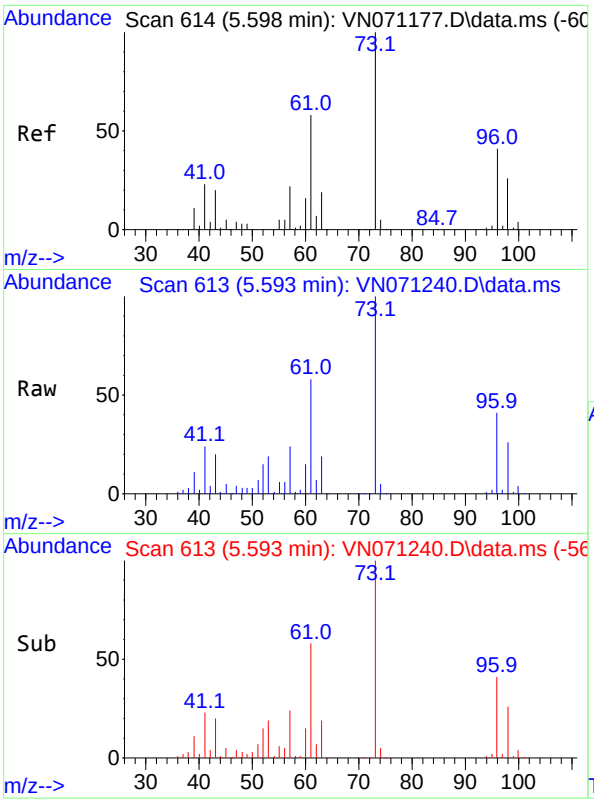


#20
Methylene Chloride
Concen: 47.611 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 84 Resp: 365212

Ion	Ratio	Lower	Upper
84	100		
49	134.5	93.5	140.3
51	39.1	29.4	44.2
86	64.6	53.0	79.4



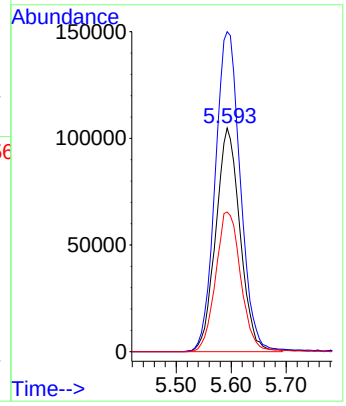


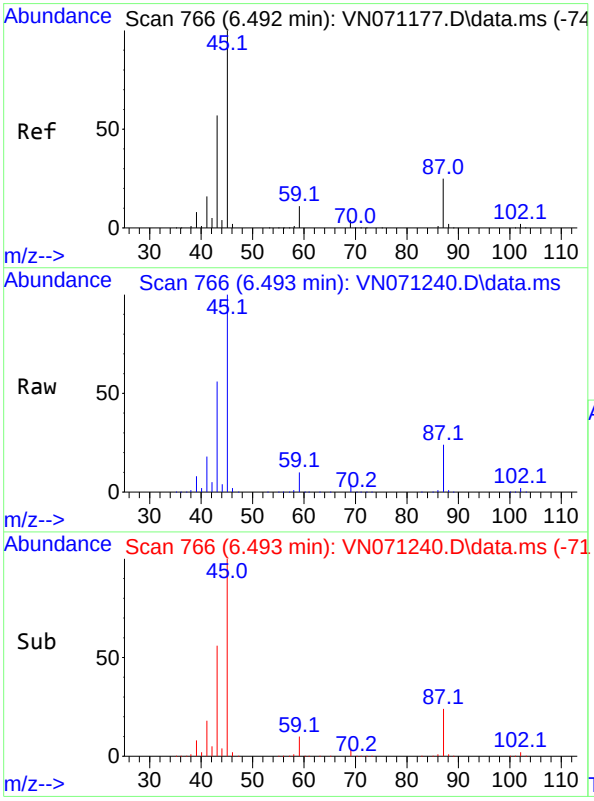
#21
trans-1,2-Dichloroethene
Concen: 46.634 ug/l
RT: 5.593 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 321972

Ion	Ratio	Lower	Upper
96	100		
61	143.1	105.8	158.6
98	62.5	52.0	78.0

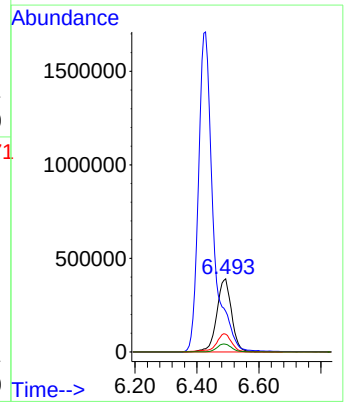


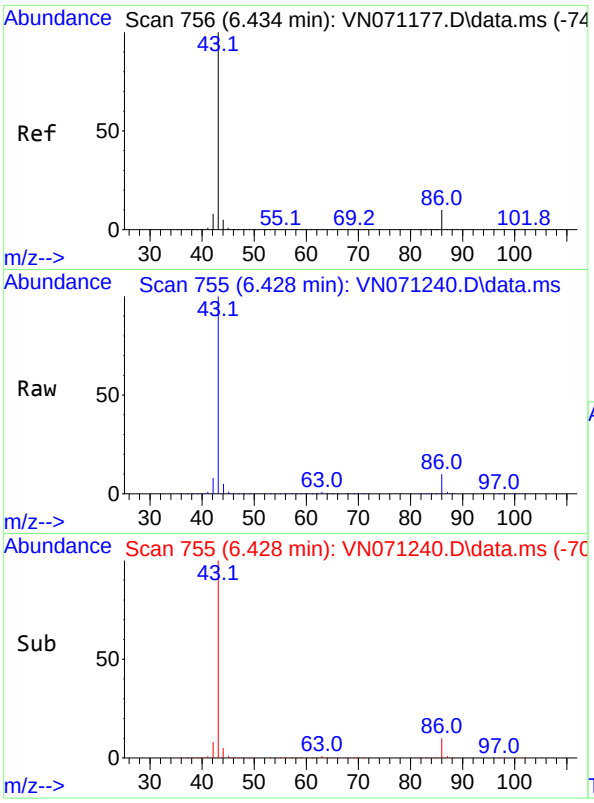


#22
Diisopropyl ether
Concen: 47.983 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 45 Resp: 1297778

Ion	Ratio	Lower	Upper
45	100		
43	55.5	51.7	77.5
87	24.4	23.2	34.8
59	10.5	9.4	14.0



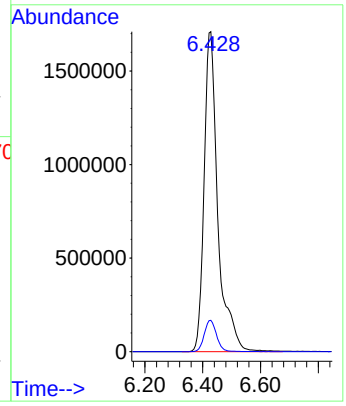


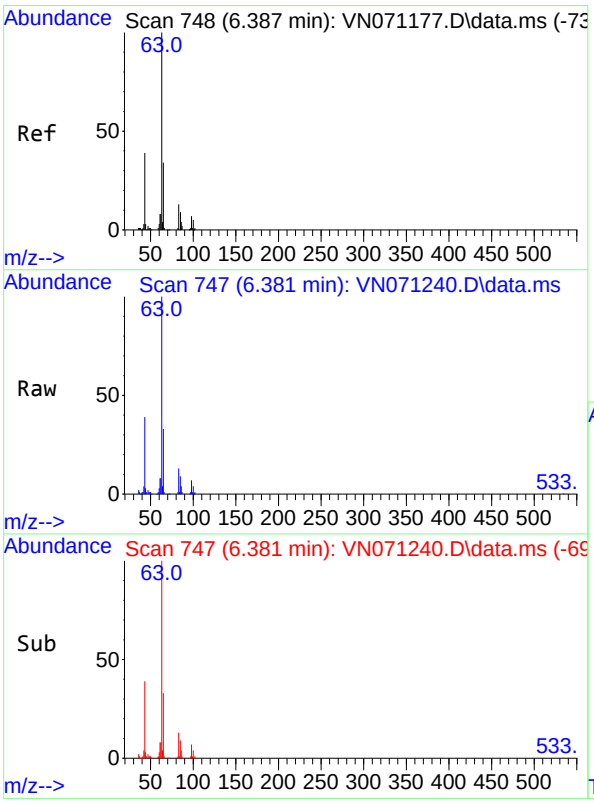
#23
Vinyl Acetate
Concen: 246.673 ug/l
RT: 6.428 min Scan# 7
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 5648148

Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.5	12.7

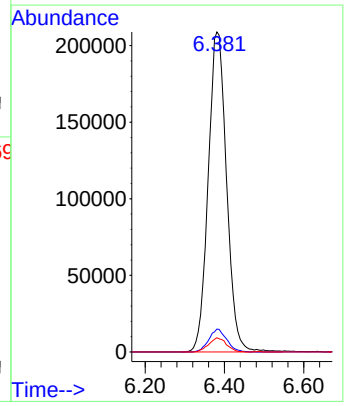


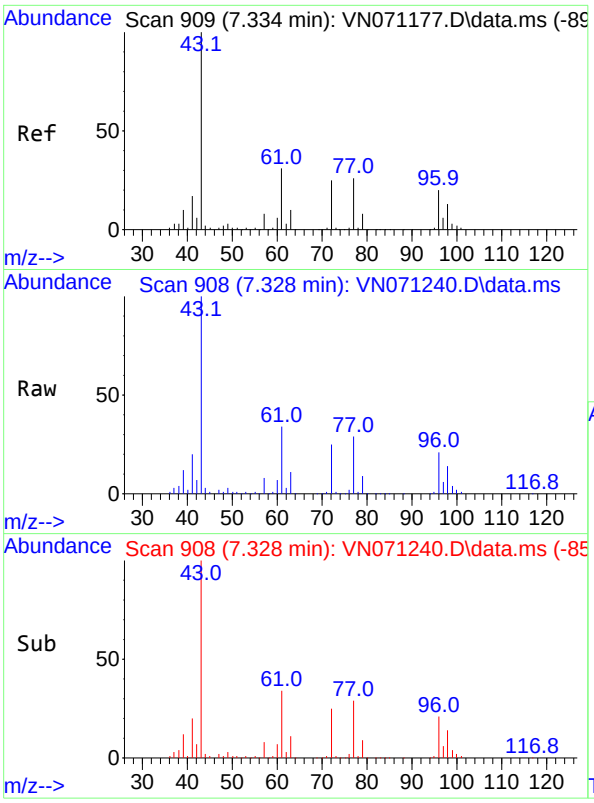


#24
1,1-Dichloroethane
Concen: 47.022 ug/l
RT: 6.381 min Scan# 747
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 63 Resp: 672035

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.3	9.9
100	4.5	2.1	6.5



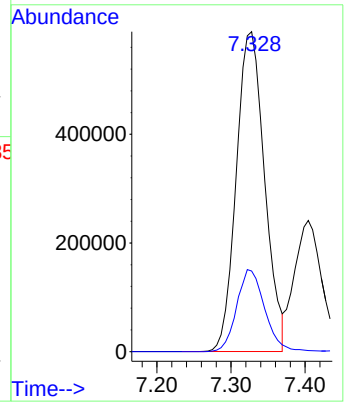


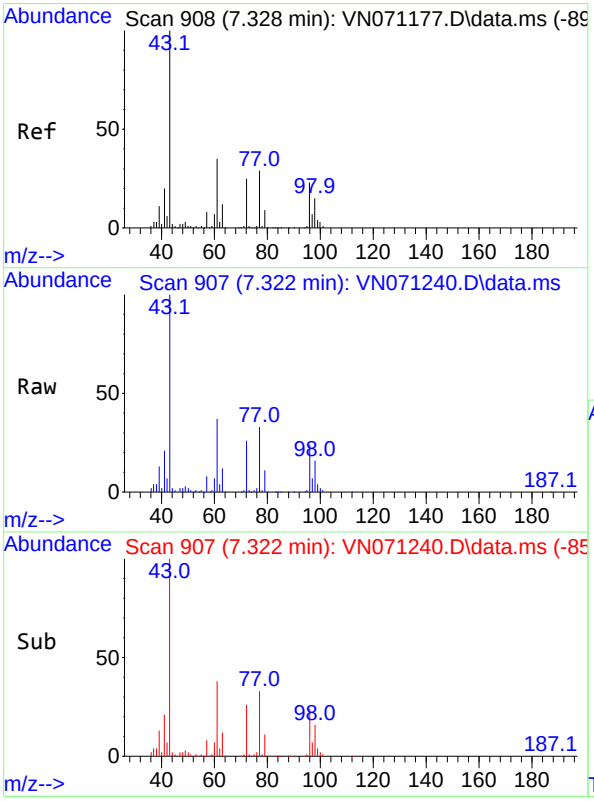
#25
2-Butanone
Concen: 231.260 ug/l
RT: 7.328 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1564131

Ion	Ratio	Lower	Upper
43	100		
72	25.2	21.7	32.5

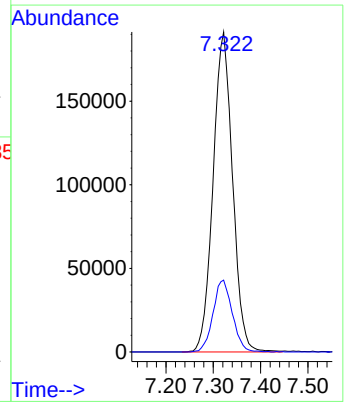


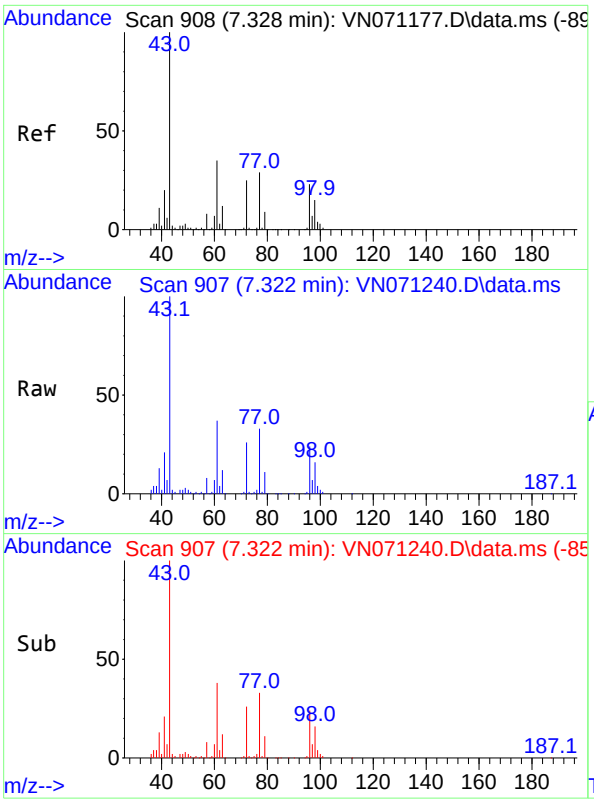


#26
2,2-Dichloropropane
Concen: 49.556 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 77 Resp: 546392

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.6	34.8



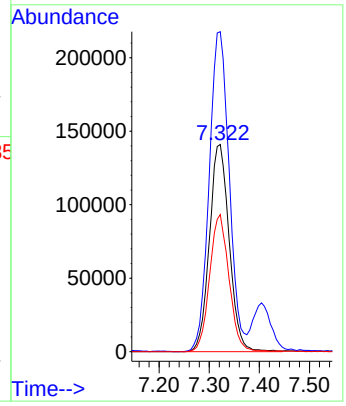


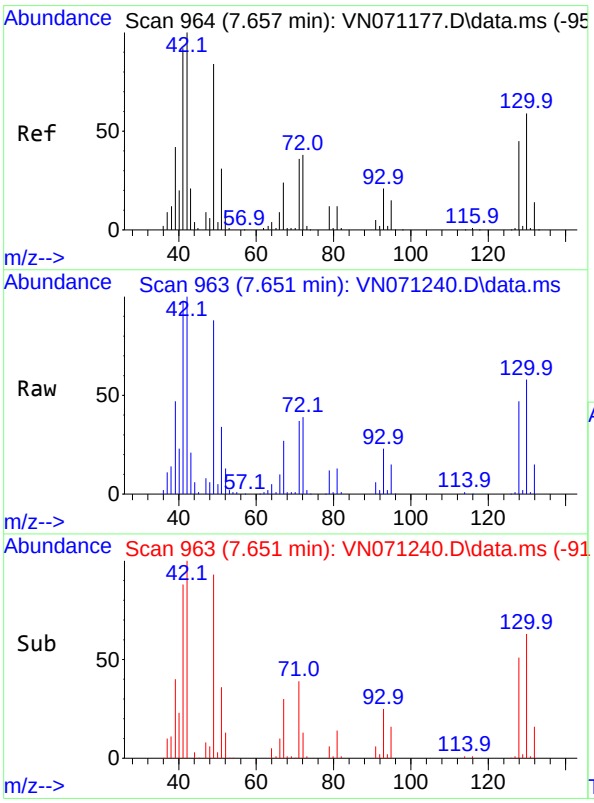
#27
cis-1,2-Dichloroethene
Concen: 47.243 ug/l
RT: 7.322 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 387122

Ion	Ratio	Lower	Upper
96	100		
61	156.2	0.0	275.0
98	64.8	0.0	129.6

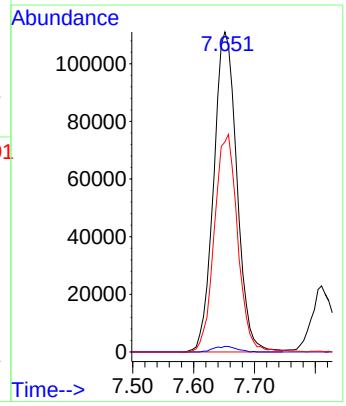


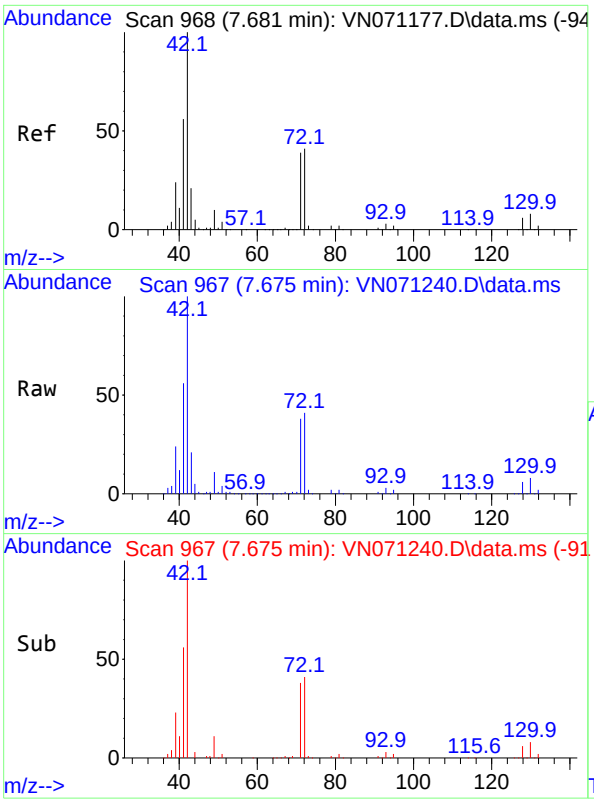


#28
Bromochloromethane
Concen: 46.202 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 49 Resp: 294049

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	68.2	67.8	101.8



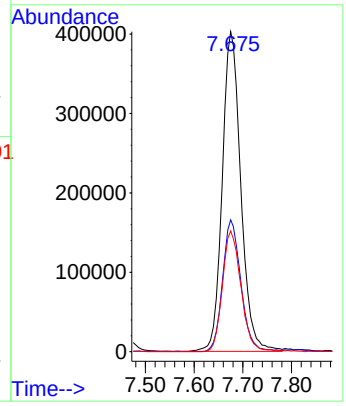


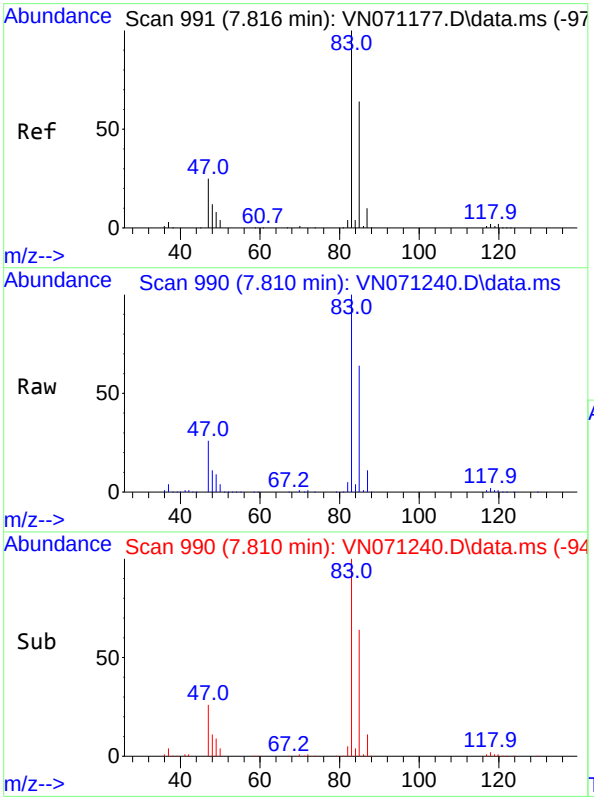
#29
Tetrahydrofuran
Concen: 227.951 ug/l
RT: 7.675 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1068088

Ion	Ratio	Lower	Upper
42	100		
72	40.6	36.3	54.5
71	38.0	34.7	52.1

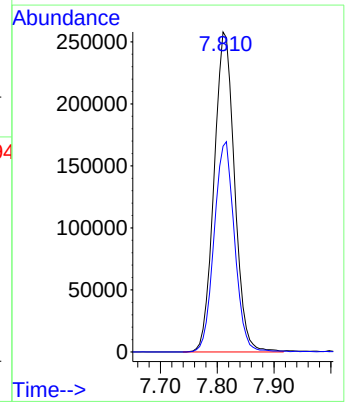


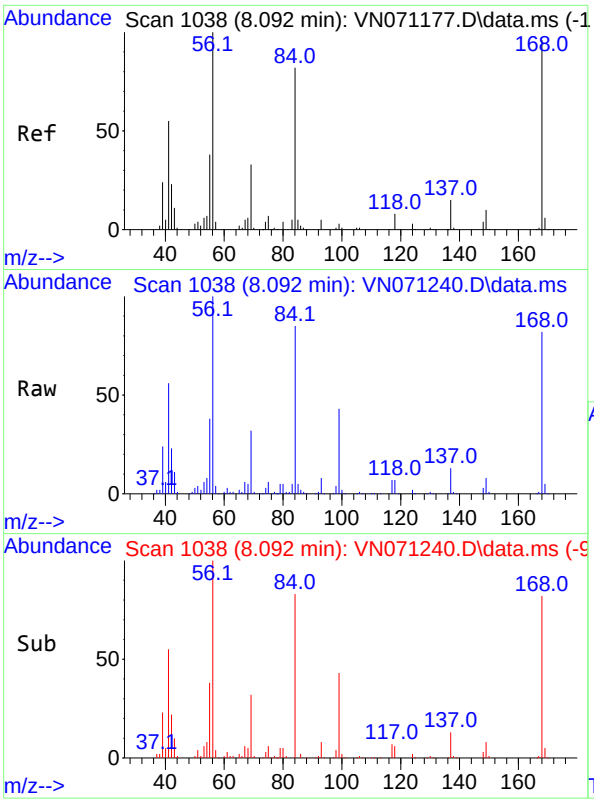


#30
Chloroform
Concen: 47.350 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 83 Resp: 645438

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.9	77.9



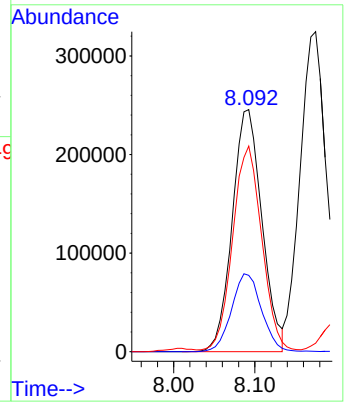


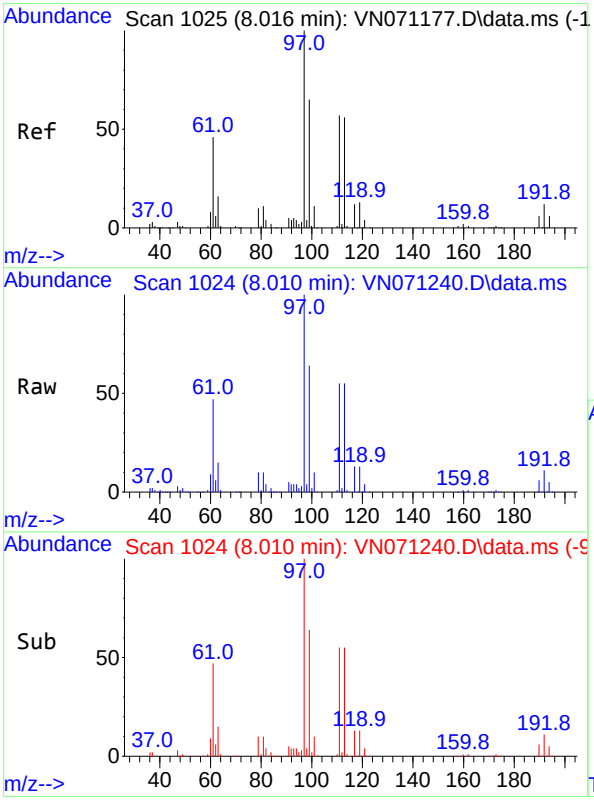
#31
Cyclohexane
Concen: 45.328 ug/l
RT: 8.092 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 624612

Ion	Ratio	Lower	Upper
56	100		
69	31.5	27.1	40.7
84	83.6	73.4	110.0

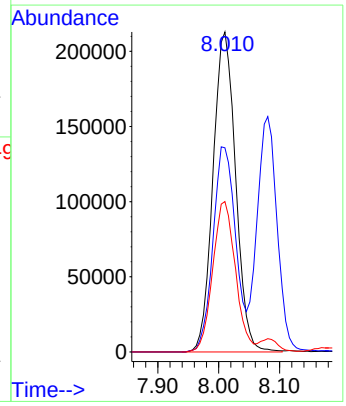


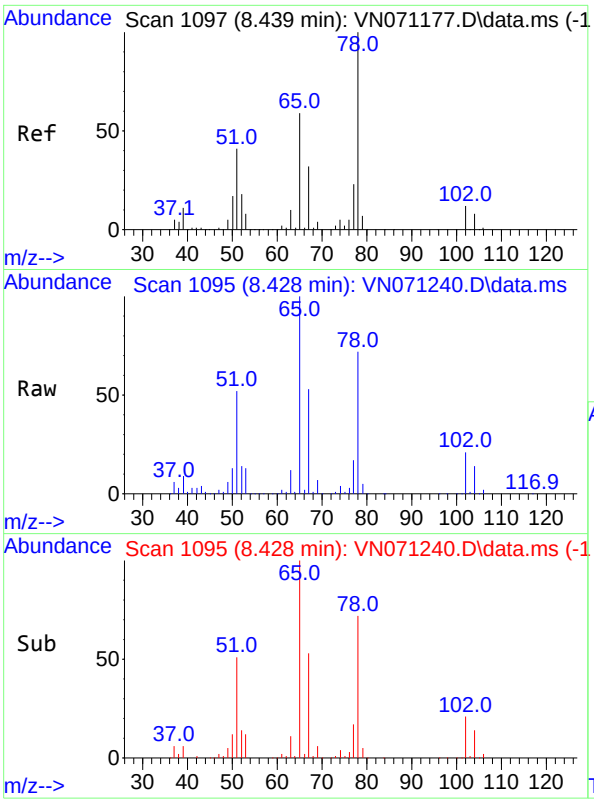


#32
1,1,1-Trichloroethane
Concen: 47.342 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 97 Resp: 549693

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.1	75.1
61	47.1	35.2	52.8



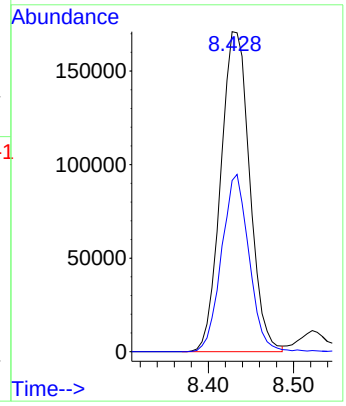


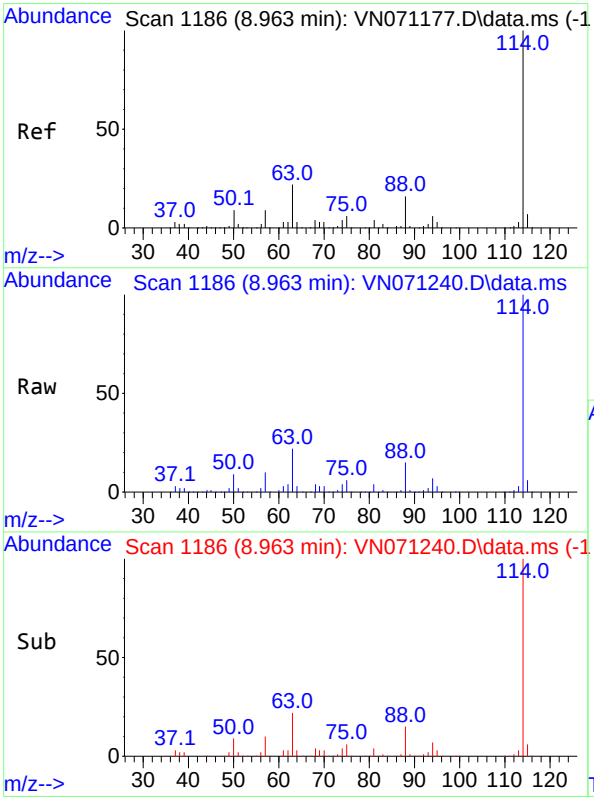
#33
1,2-Dichloroethane-d4
Concen: 46.821 ug/l
RT: 8.428 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 404024

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	103.0

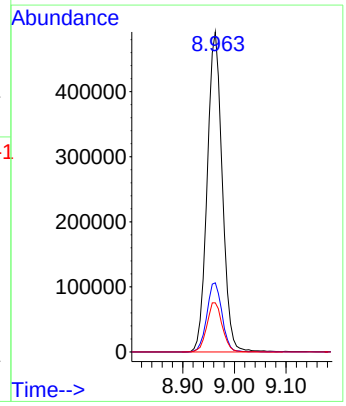


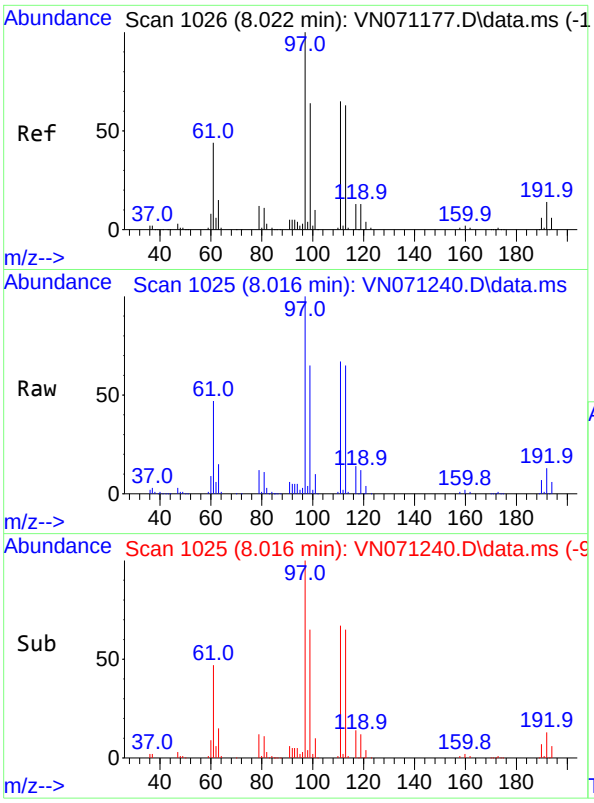


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:114 Resp: 994044

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	37.8
88	15.4	0.0	27.4



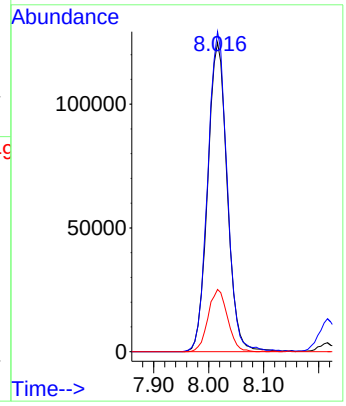


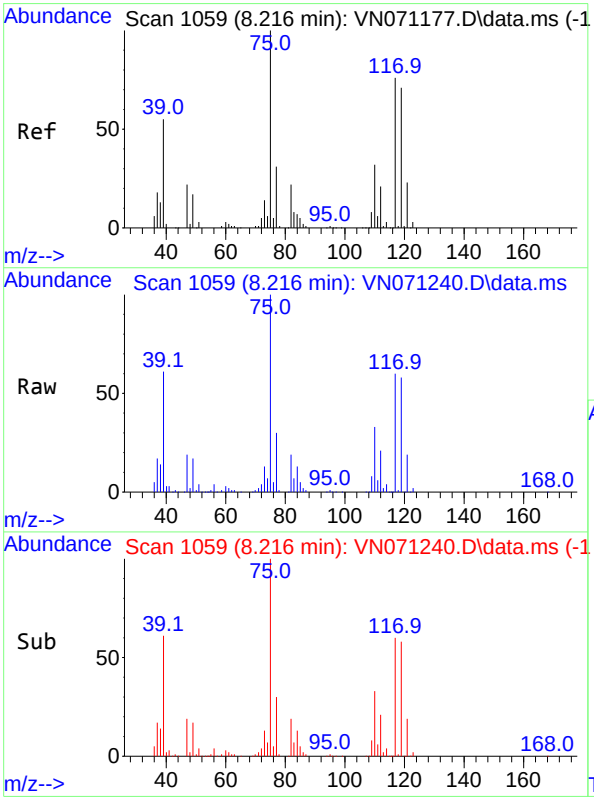
#35
Dibromofluoromethane
Concen: 48.987 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 307283

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	20.1	16.9	25.3

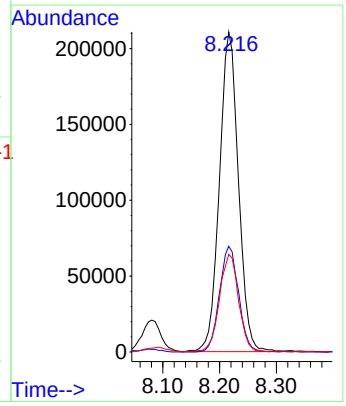


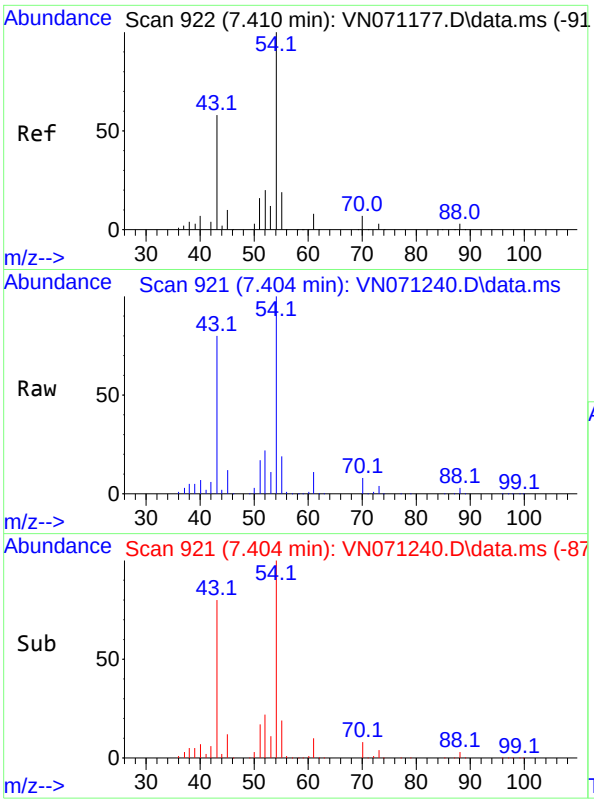


#36
1,1-Dichloropropene
Concen: 48.713 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 75 Resp: 489586

Ion	Ratio	Lower	Upper
75	100		
110	33.2	18.4	55.2
77	30.9	24.4	36.6



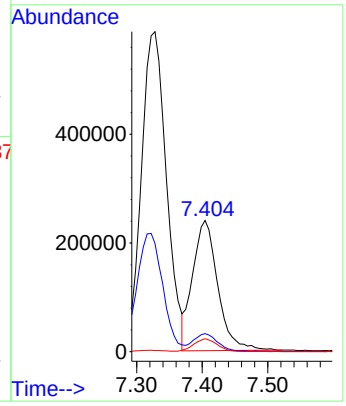


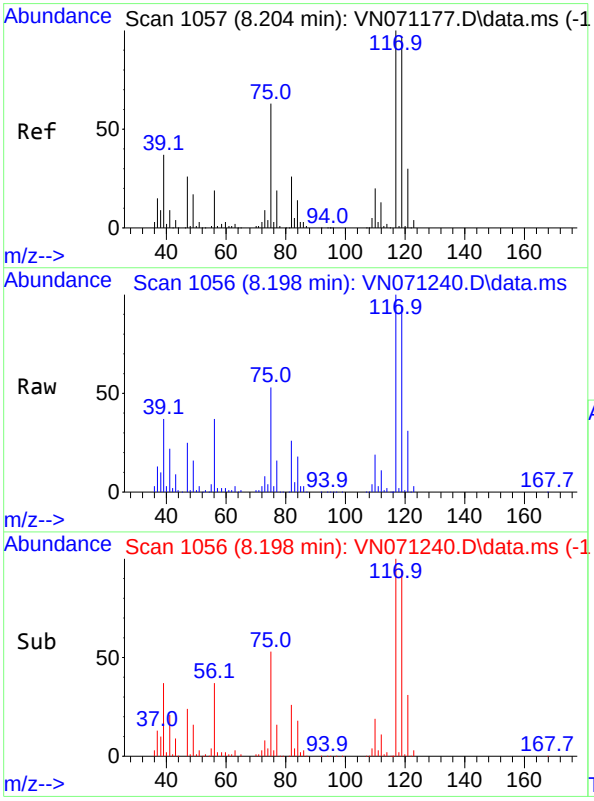
#37
Ethyl Acetate
Concen: 46.323 ug/l
RT: 7.404 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 640733

Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.5	17.3
70	9.2	7.9	11.9

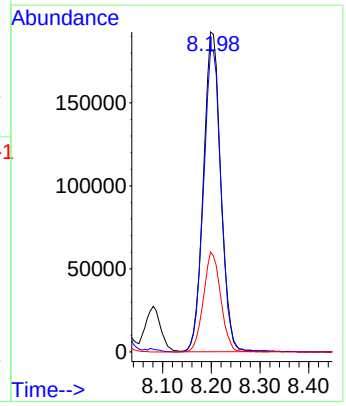


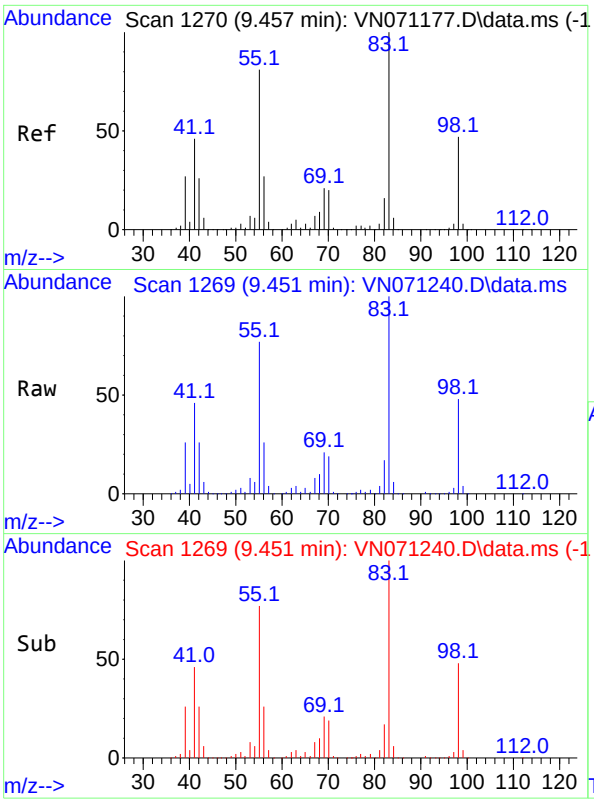


#38
Carbon Tetrachloride
Concen: 49.116 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:117 Resp: 477472

Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.1	114.1
121	31.3	24.2	36.2



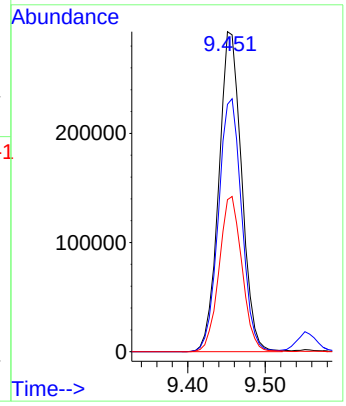


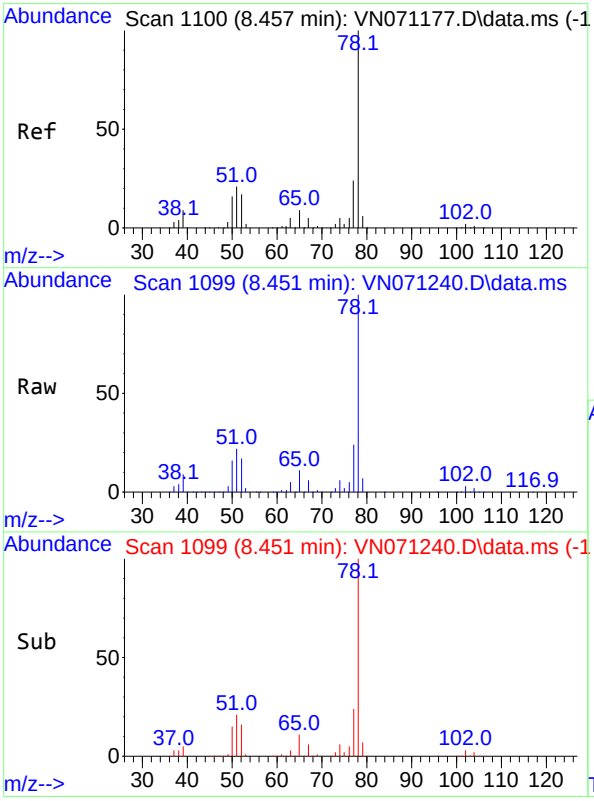
#39
Methylcyclohexane
Concen: 50.766 ug/l
RT: 9.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 600227

Ion	Ratio	Lower	Upper
83	100		
55	77.3	58.1	87.1
98	47.5	38.4	57.6

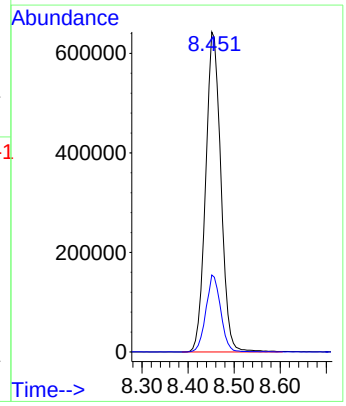


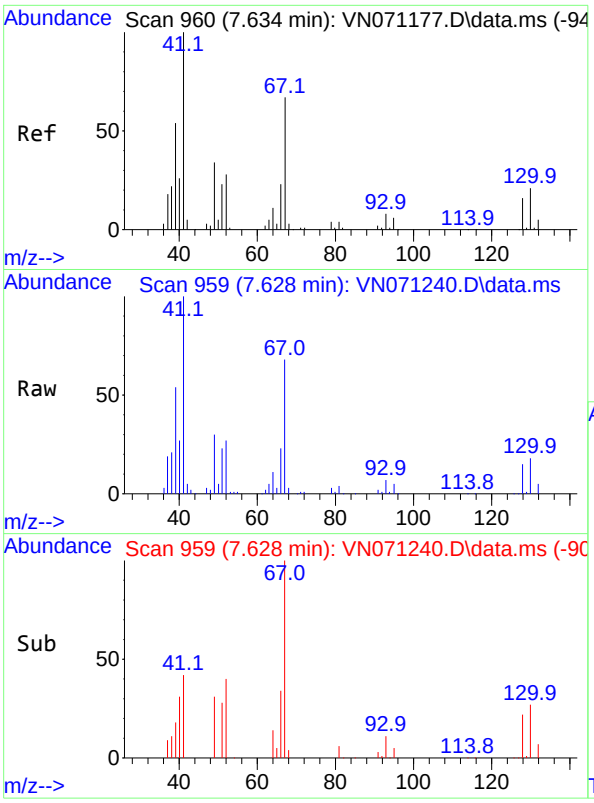


#40
Benzene
Concen: 48.986 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 78 Resp: 1483343

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	27.8



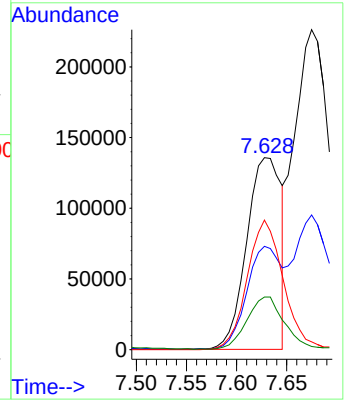


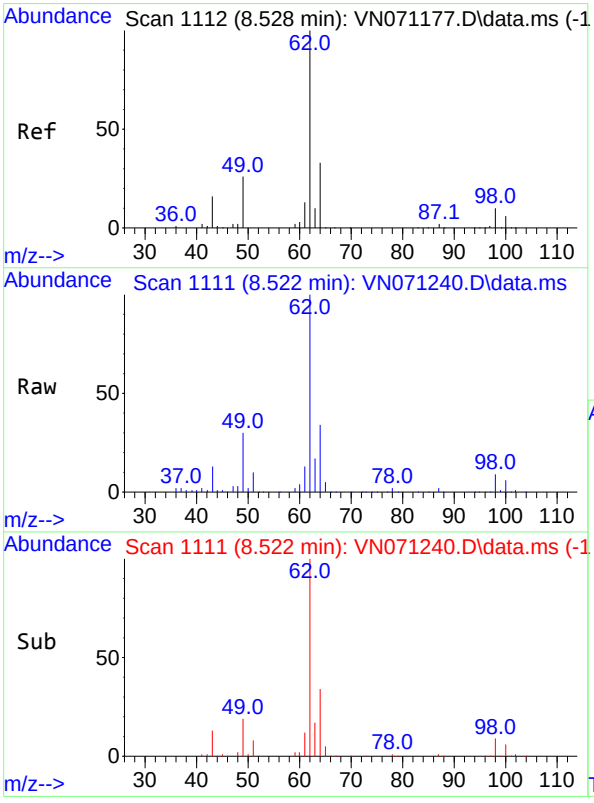
#41
Methacrylonitrile
Concen: 47.991 ug/l
RT: 7.628 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 324849

Ion	Ratio	Lower	Upper
41	100		
39	52.6	48.1	72.1
67	72.1	68.3	102.5
52	29.6	29.6	44.4

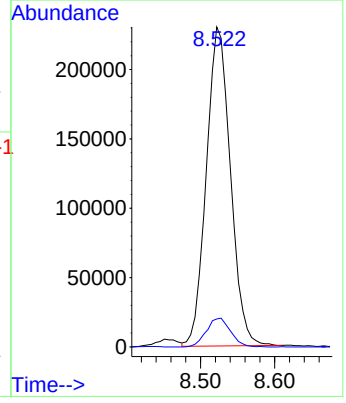


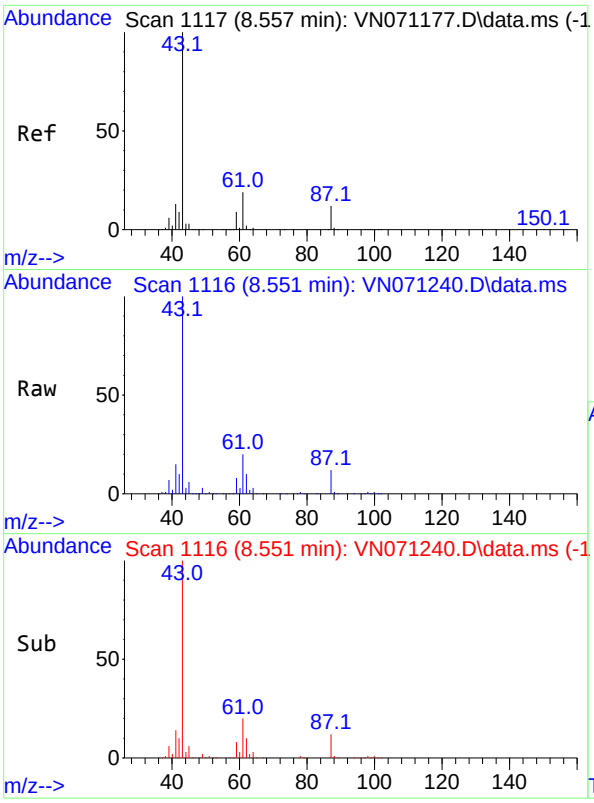


#42
1,2-Dichloroethane
Concen: 49.415 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 62 Resp: 520703

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6



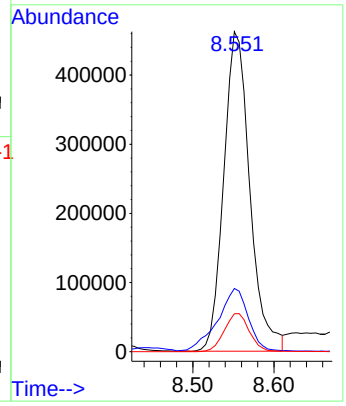


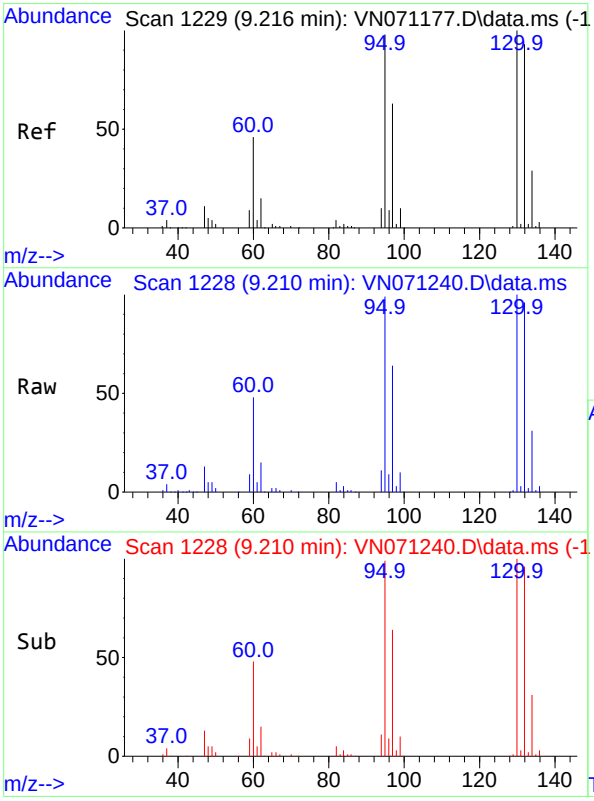
#43
Isopropyl Acetate
Concen: 49.968 ug/l
RT: 8.551 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1033548

Ion	Ratio	Lower	Upper
43	100		
61	23.4	20.4	30.6
87	11.6	11.2	16.8

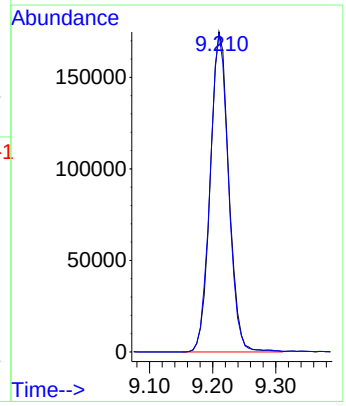


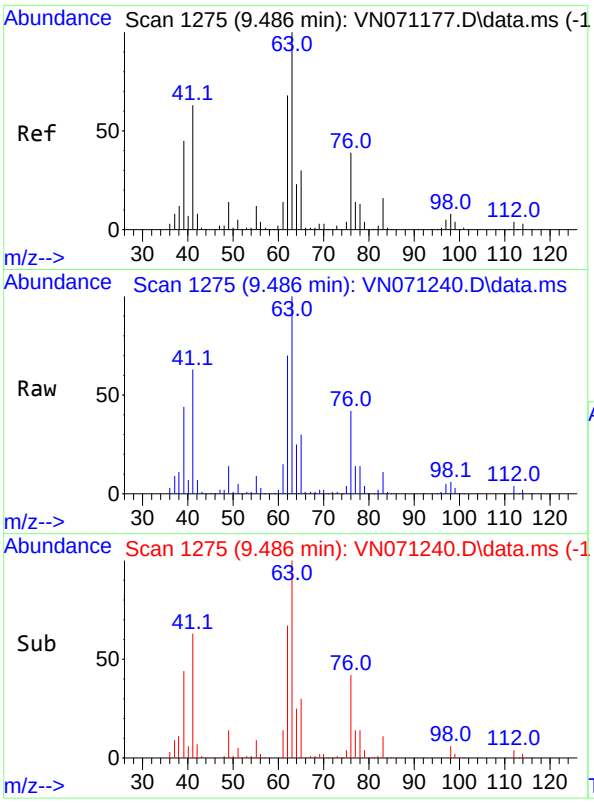


#44
Trichloroethene
Concen: 49.864 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:130 Resp: 356269

Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	191.2



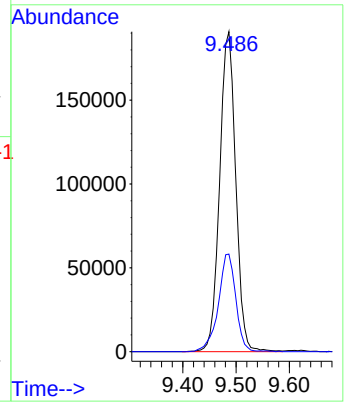


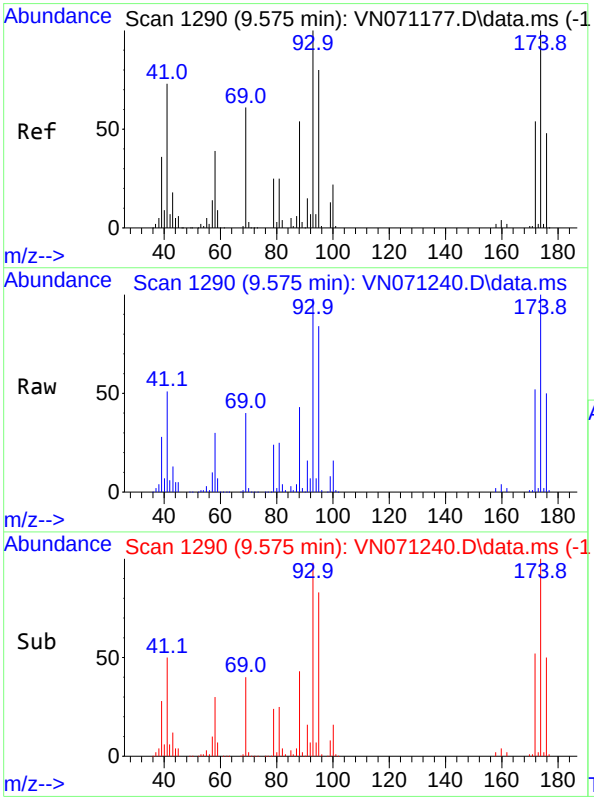
#45
1,2-Dichloropropane
Concen: 49.189 ug/l
RT: 9.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 63 Resp: 399841

Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.7	37.1

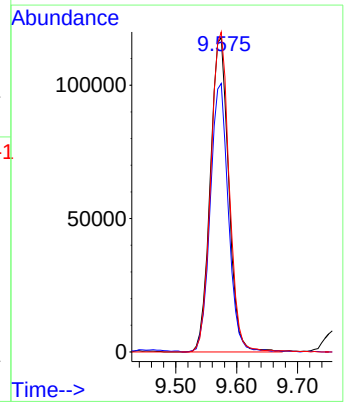


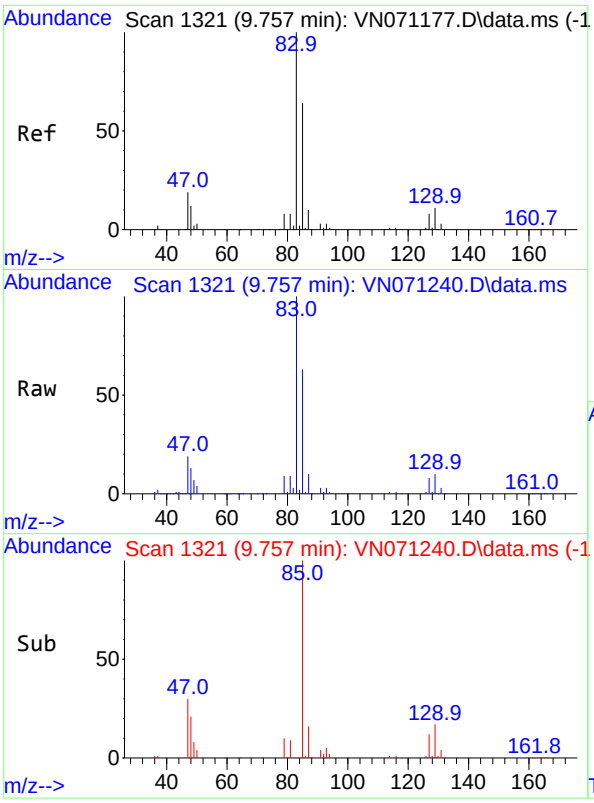


#46
Dibromomethane
Concen: 49.505 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 93 Resp: 247679

Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.9	98.9
174	101.5	84.6	127.0



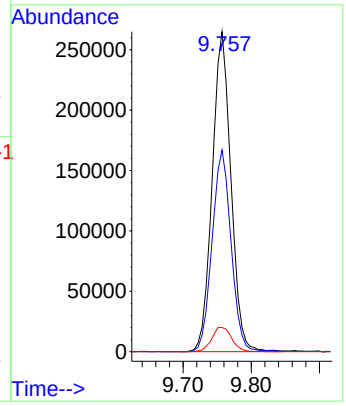


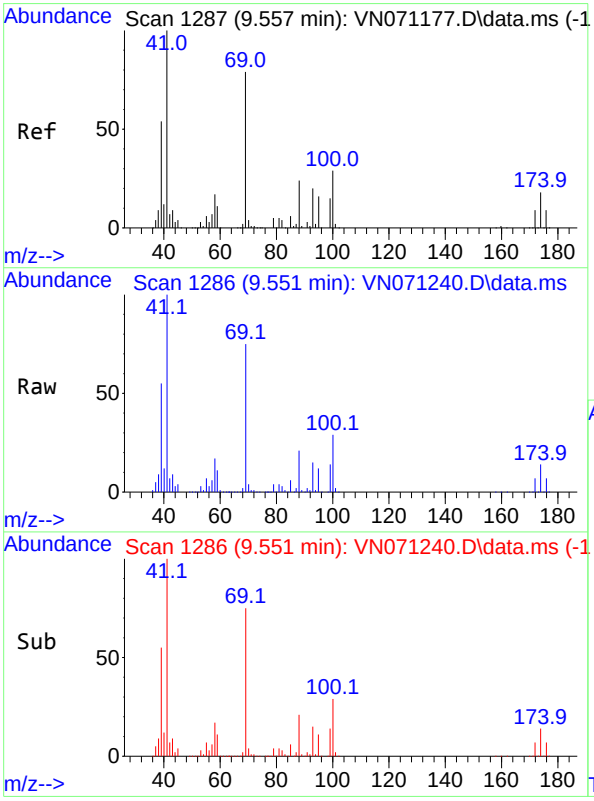
#47
Bromodichloromethane
Concen: 50.030 ug/l
RT: 9.757 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 505843

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.9	76.3
127	7.5	7.1	10.7

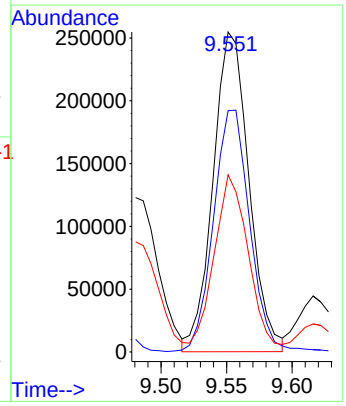


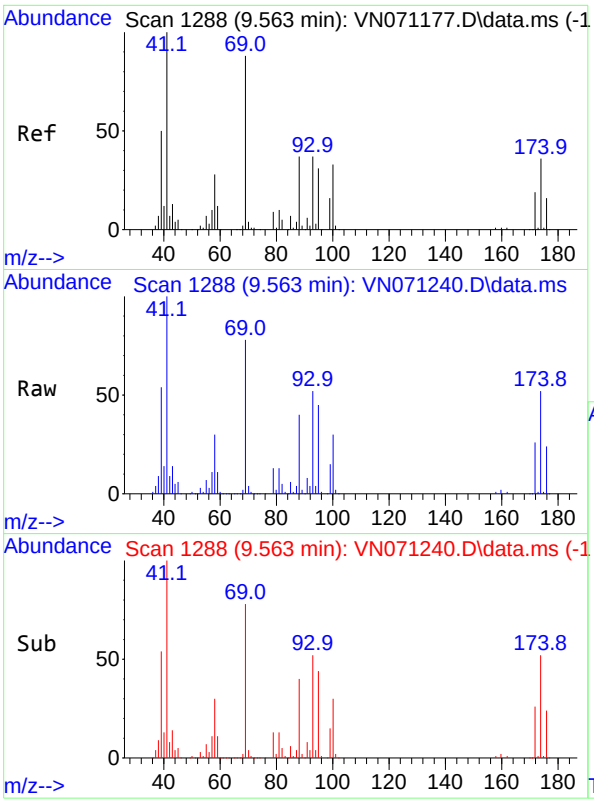


#48
Methyl methacrylate
Concen: 50.504 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 41 Resp: 484101

Ion	Ratio	Lower	Upper
41	100		
69	77.2	72.4	108.6
39	53.0	58.4	87.6#



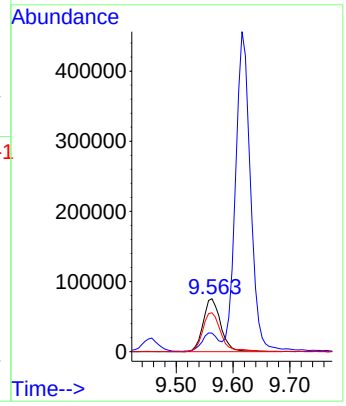


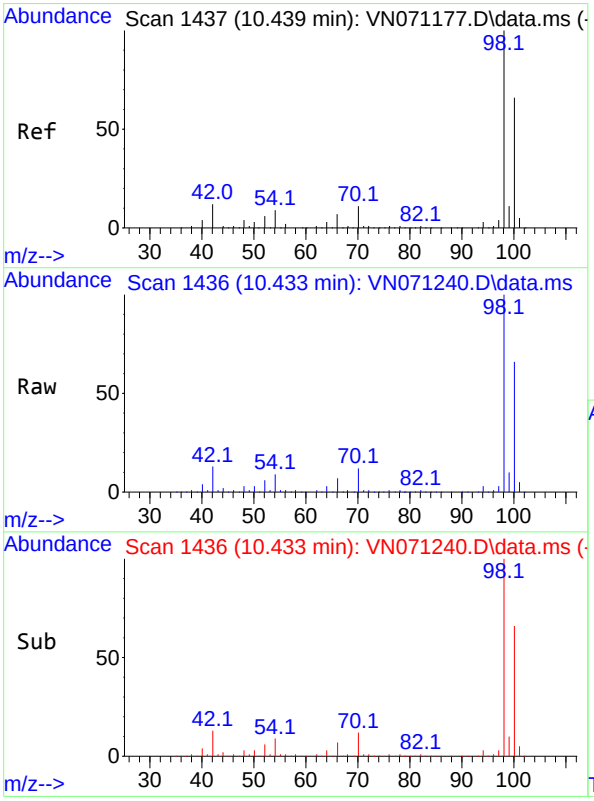
#49
1,4-Dioxane
Concen: 978.884 ug/l
RT: 9.563 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 163097

Ion	Ratio	Lower	Upper
88	100		
43	32.9	23.4	35.2
58	76.0	50.6	75.8#

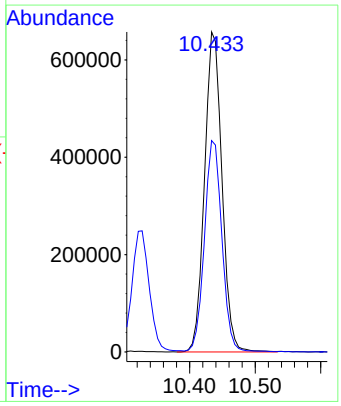


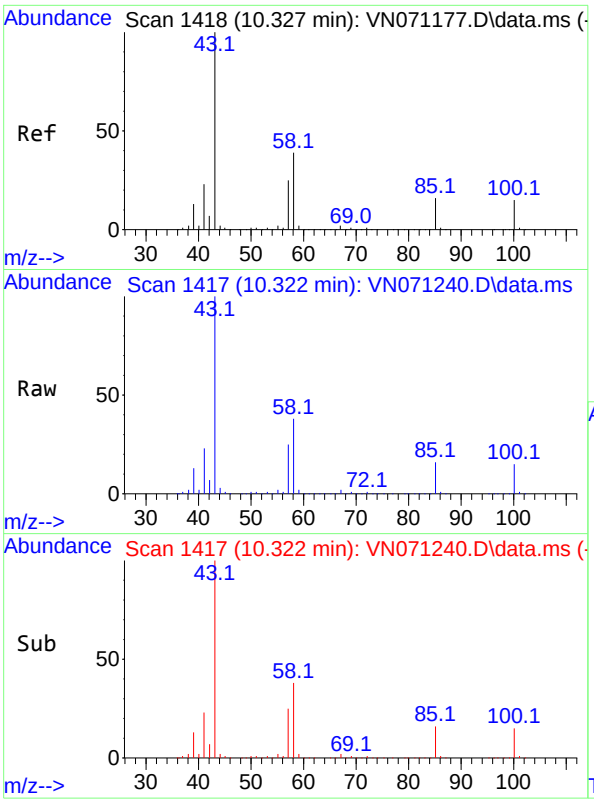


#50
Toluene-d8
Concen: 48.200 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 98 Resp: 1217347

Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.4	75.6



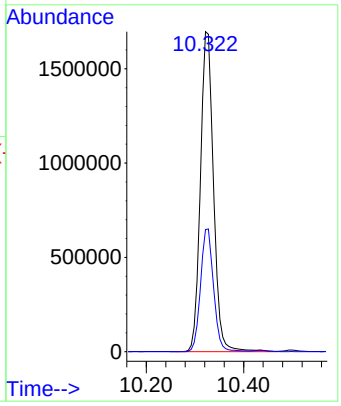


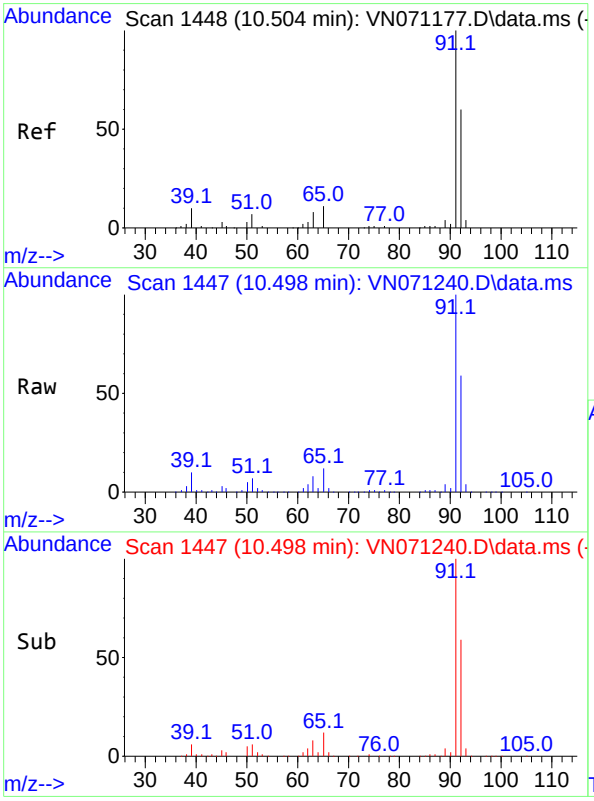
#51
4-Methyl-2-Pentanone
Concen: 247.186 ug/l
RT: 10.322 min Scan# 14
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3173053

Ion	Ratio	Lower	Upper
43	100		
58	38.2	30.4	45.6

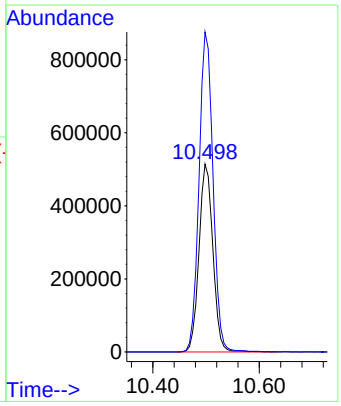


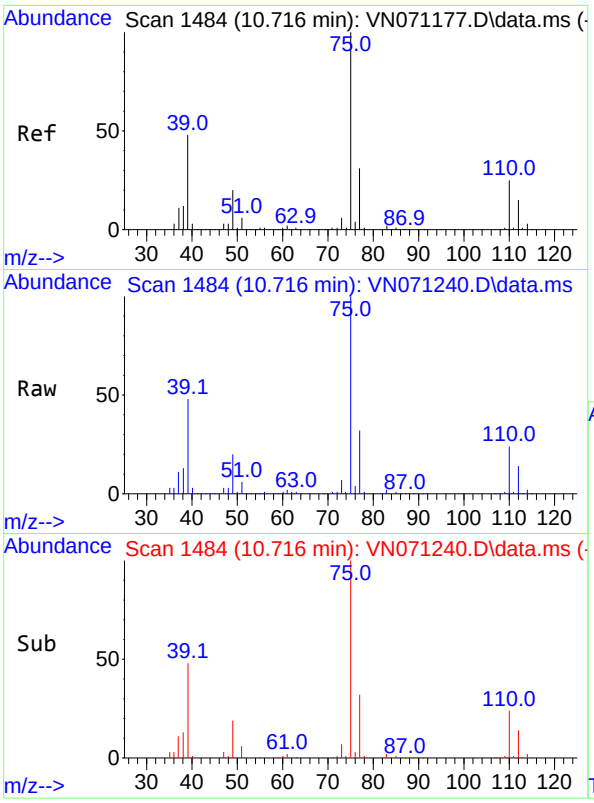


#52
Toluene
Concen: 49.864 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 92 Resp: 929787

Ion	Ratio	Lower	Upper
92	100		
91	171.5	142.0	213.0



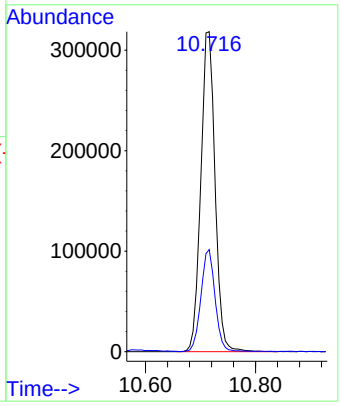


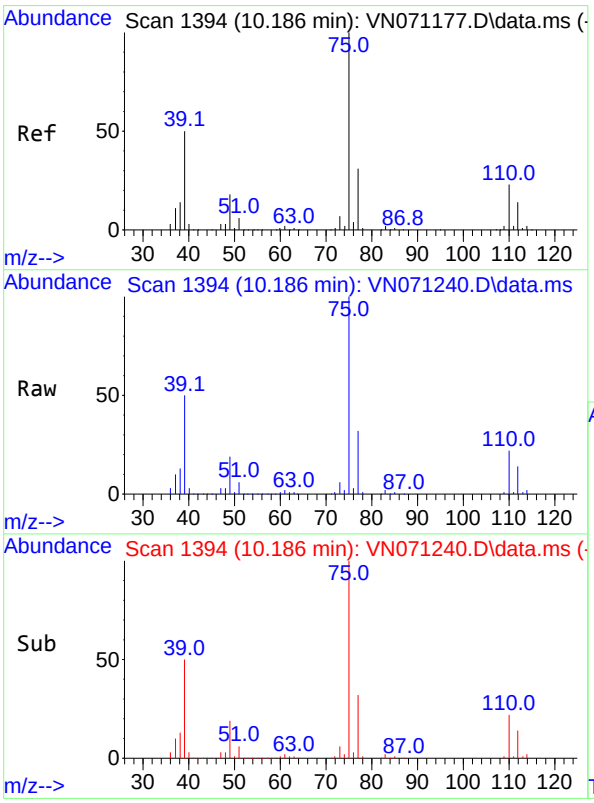
#53
t-1,3-Dichloropropene
Concen: 51.378 ug/l
RT: 10.716 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 572631

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.6	38.4

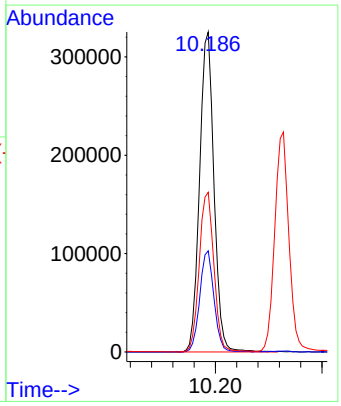


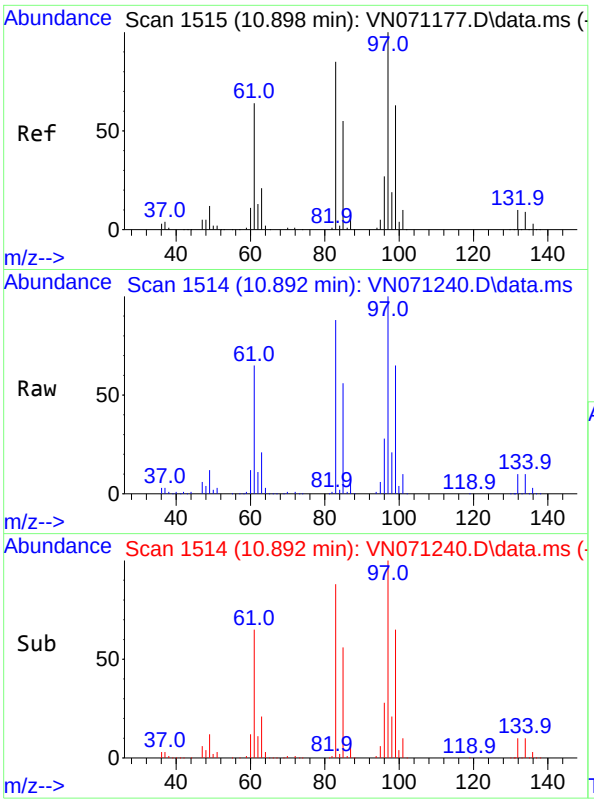


#54
cis-1,3-Dichloropropene
Concen: 50.065 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 75 Resp: 609703

Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.4	39.6
39	49.9	42.5	63.7



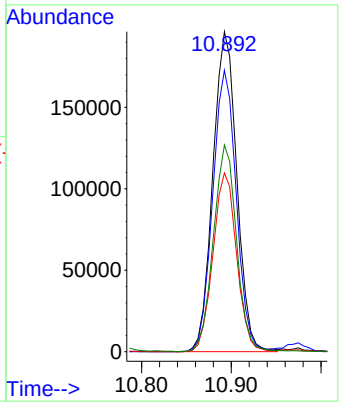


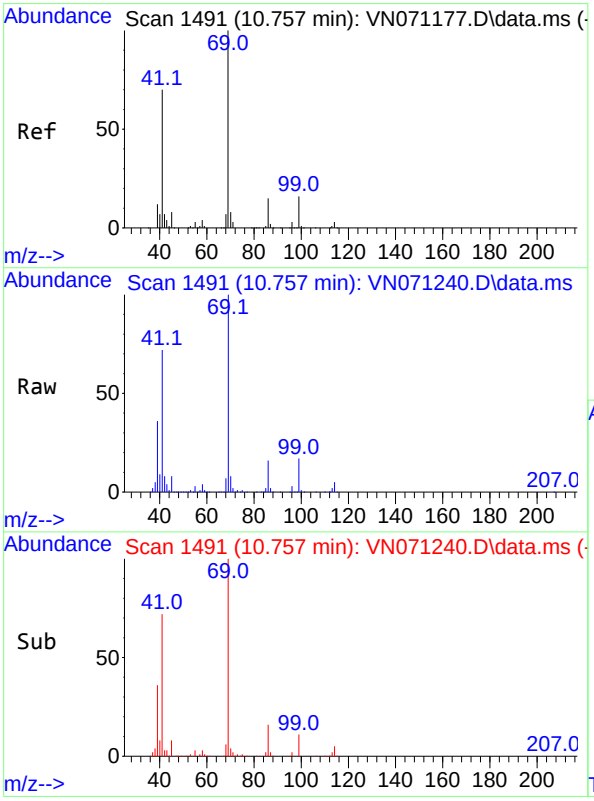
#55
1,1,2-Trichloroethane
Concen: 48.659 ug/l
RT: 10.892 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 97 Resp: 363569

Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.8	101.6
85	55.8	45.4	68.2
99	64.6	49.4	74.0

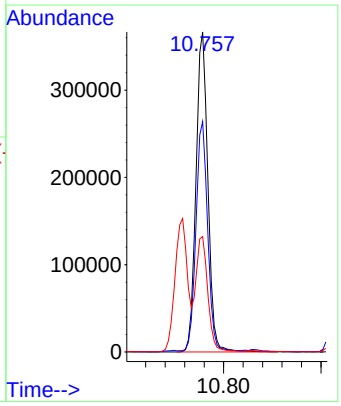


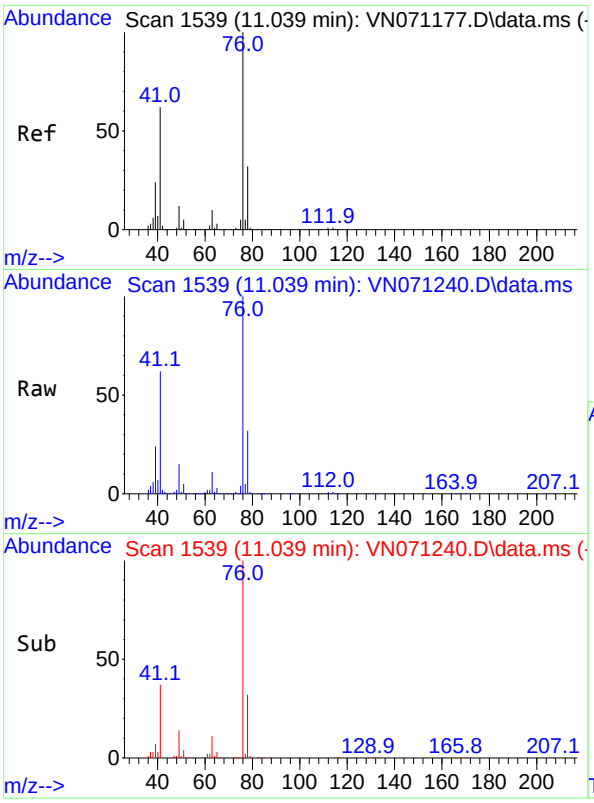


#56
Ethyl methacrylate
Concen: 51.022 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 69 Resp: 622571

Ion	Ratio	Lower	Upper
69	100		
41	70.1	51.4	77.0
39	36.1	34.6	52.0



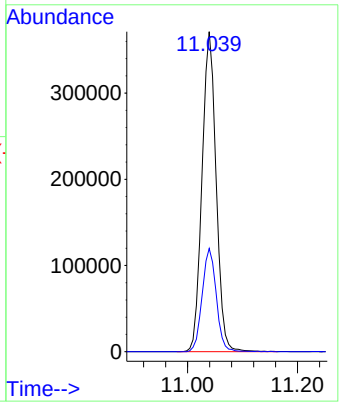


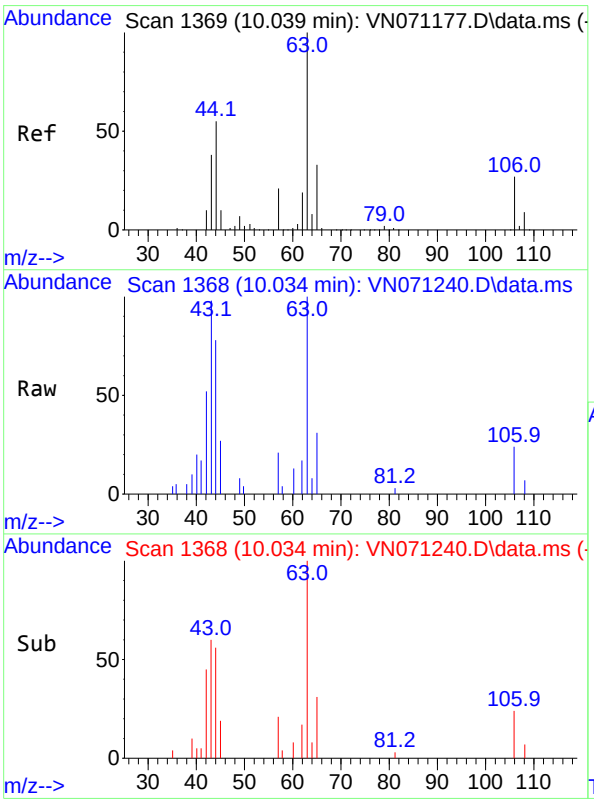
#57
1,3-Dichloropropane
Concen: 49.221 ug/l
RT: 11.039 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 660122

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

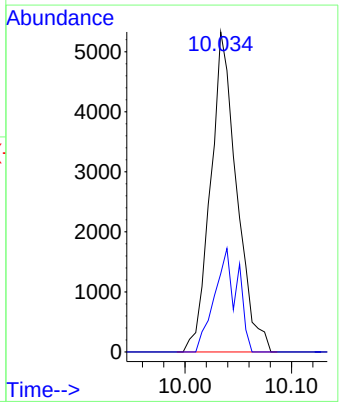


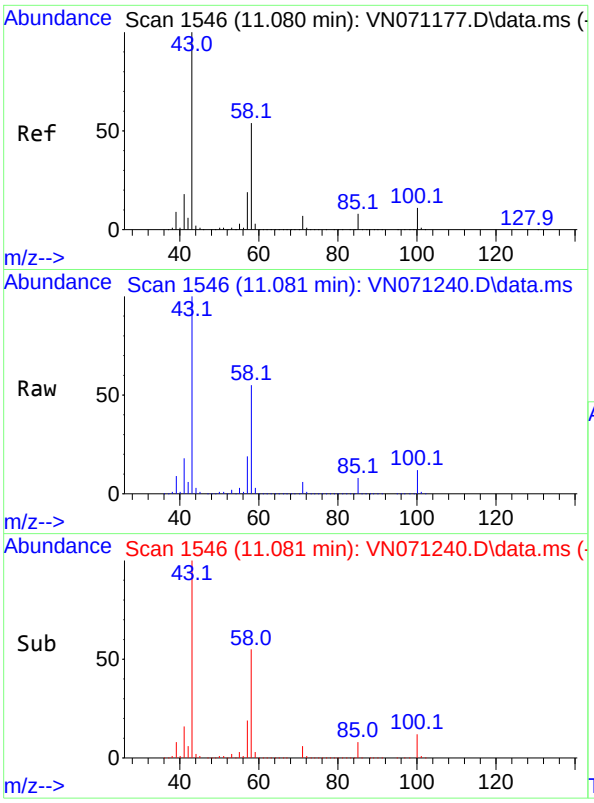


#58
2-Chloroethyl Vinyl ether
Concen: 31.010 ug/l
RT: 10.034 min Scan# 1368
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 63 Resp: 9073

Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.9	35.9



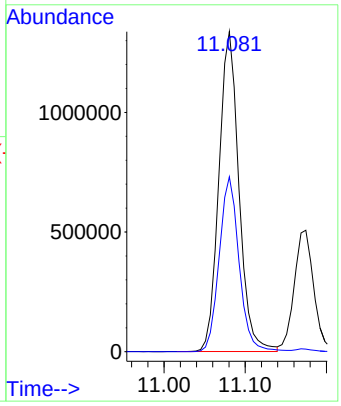


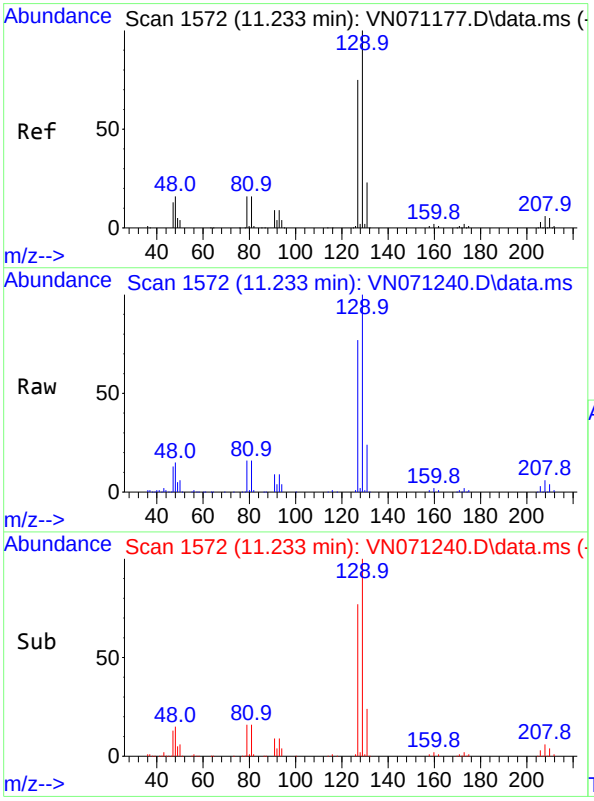
#59
2-Hexanone
Concen: 262.372 ug/l
RT: 11.081 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2298010

Ion	Ratio	Lower	Upper
43	100		
58	54.1	26.9	80.7

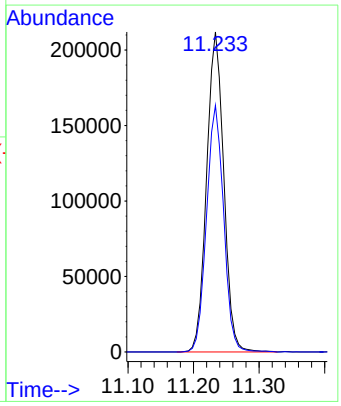


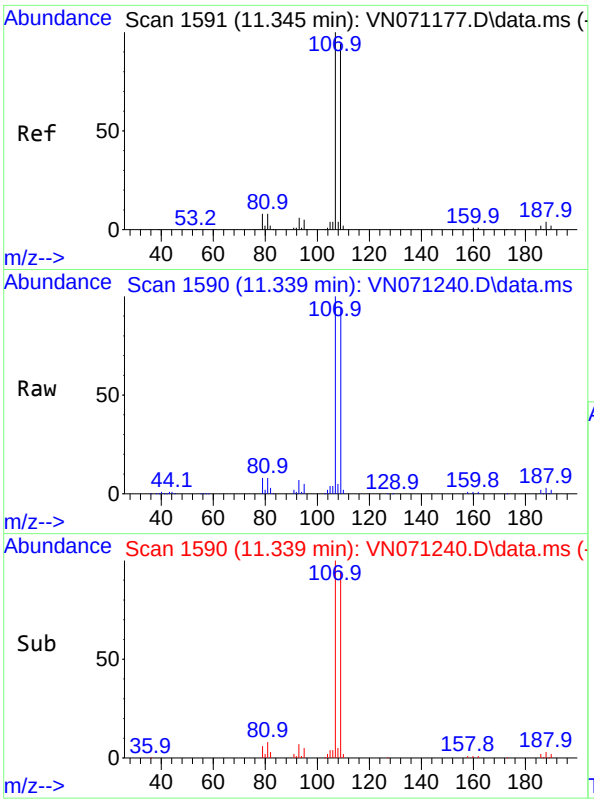


#60
Dibromochloromethane
Concen: 51.929 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:129 Resp: 385518

Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	116.0



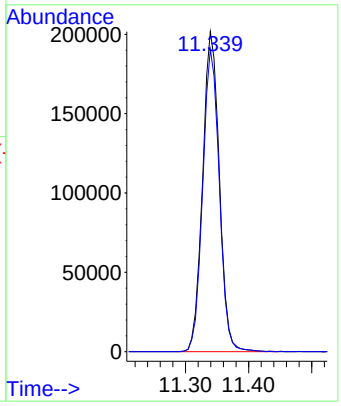


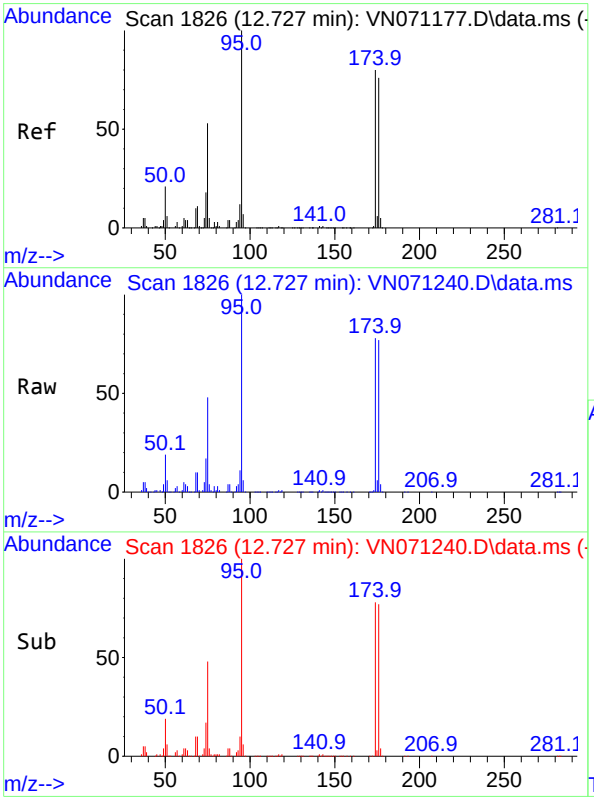
#61
1,2-Dibromoethane
Concen: 48.557 ug/l
RT: 11.339 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:107 Resp: 370806

Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.7	113.5

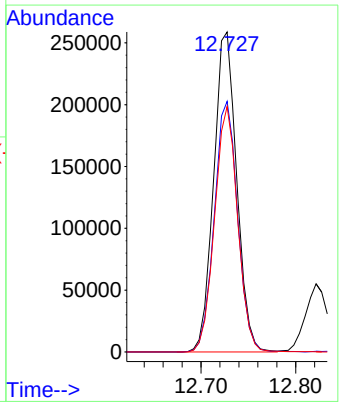


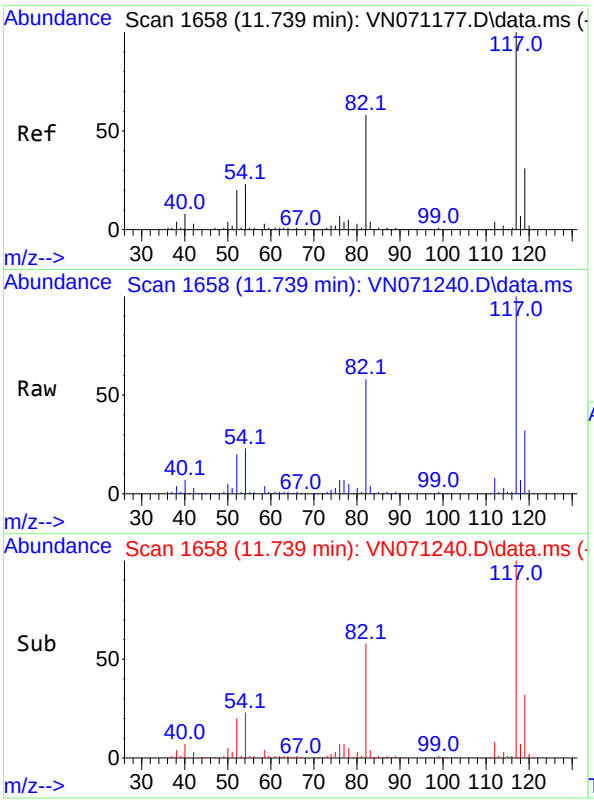


#62
4-Bromofluorobenzene
Concen: 51.080 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 95 Resp: 436854

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	187.2
176	76.8	0.0	181.4



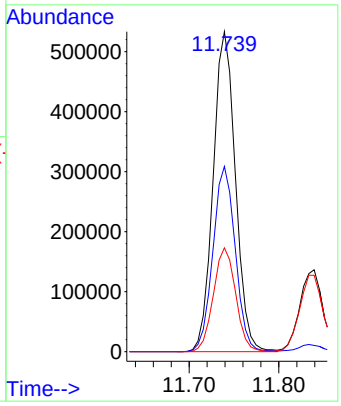


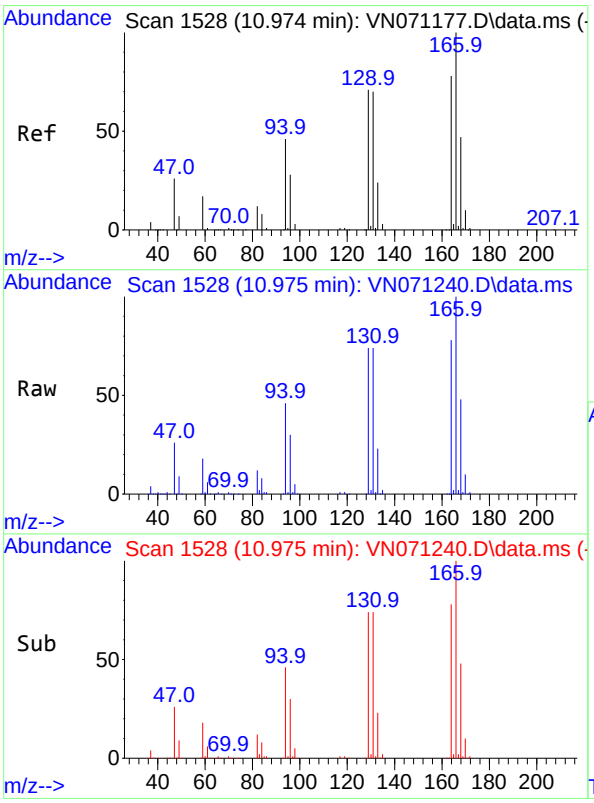
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 920404

Ion	Ratio	Lower	Upper
117	100		
82	57.9	42.4	63.6
119	32.4	25.4	38.2

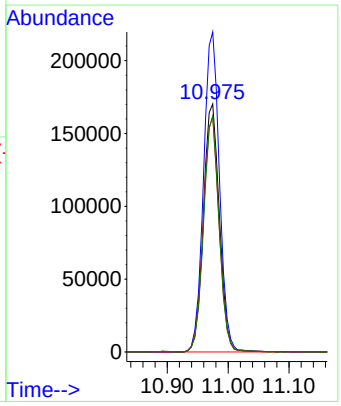


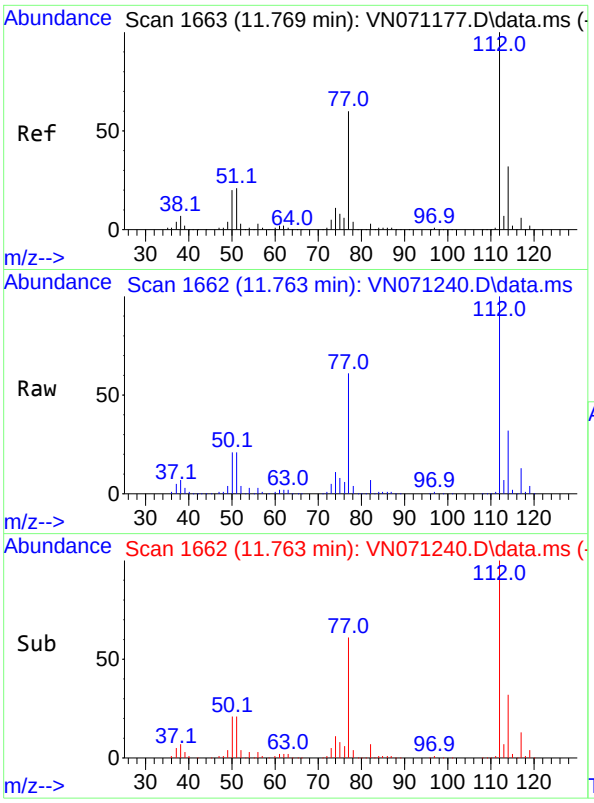


#64
Tetrachloroethene
Concen: 48.491 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:164 Resp: 311276

Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.9	152.9
129	95.1	72.0	108.0
131	94.9	70.9	106.3



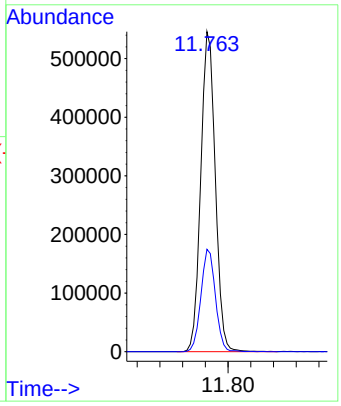


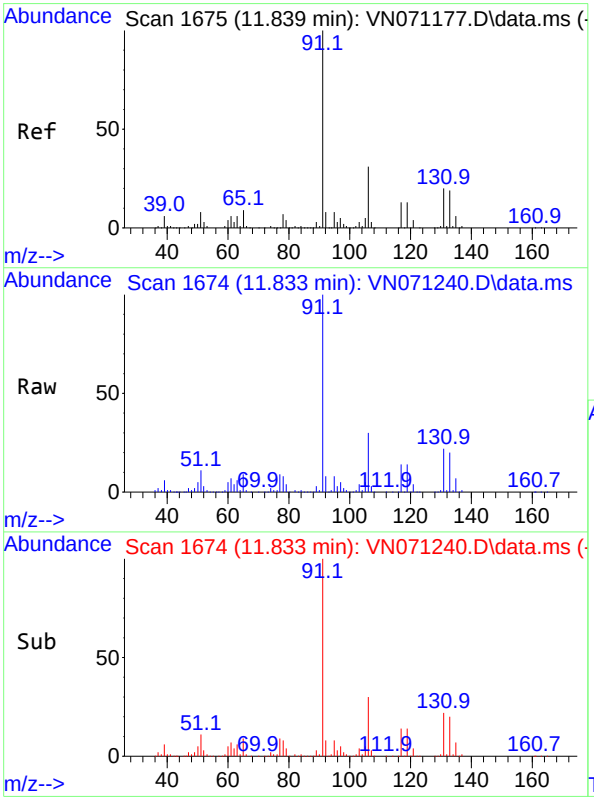
#65
Chlorobenzene
Concen: 48.901 ug/l
RT: 11.763 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:112 Resp: 966599

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.0

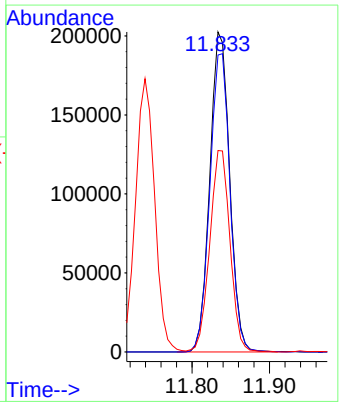


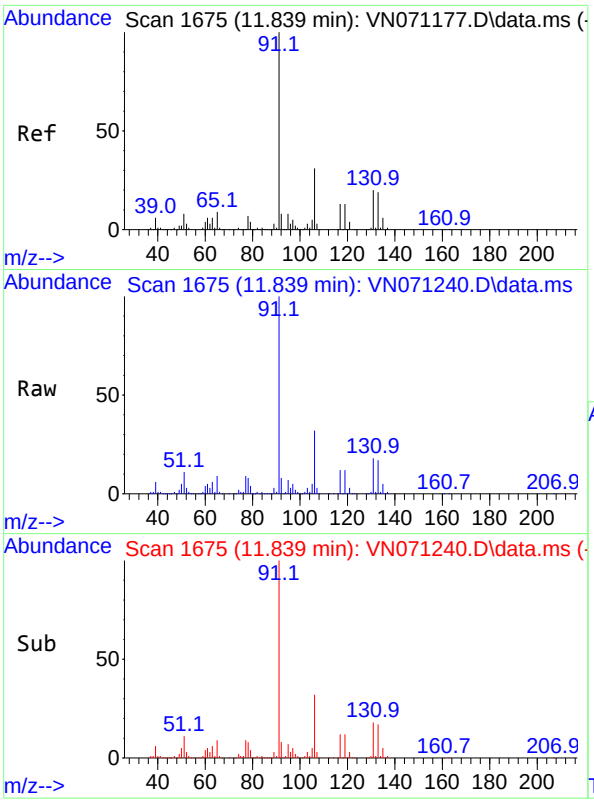


#66
1,1,1,2-Tetrachloroethane
Concen: 49.685 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:131 Resp: 360104

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.9	143.7
119	64.2	32.1	96.5



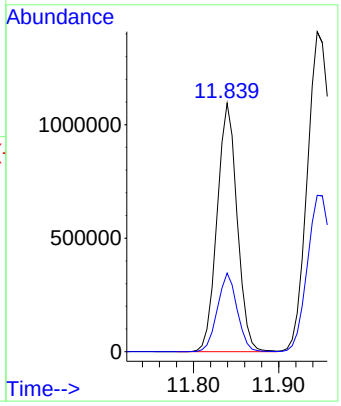


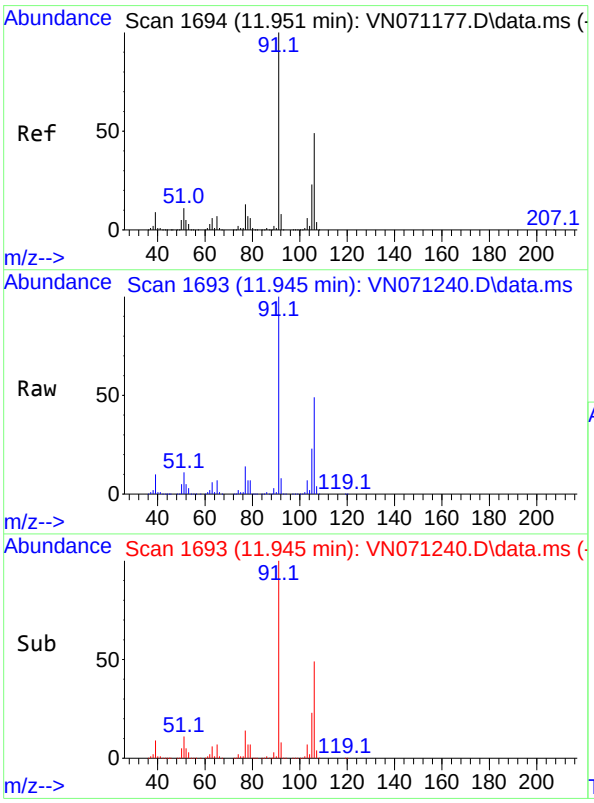
#67
Ethyl Benzene
Concen: 51.155 ug/l
RT: 11.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 1787807

Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.7	38.5

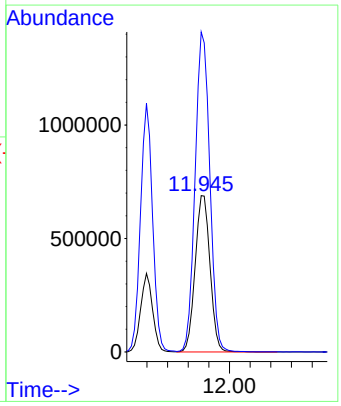


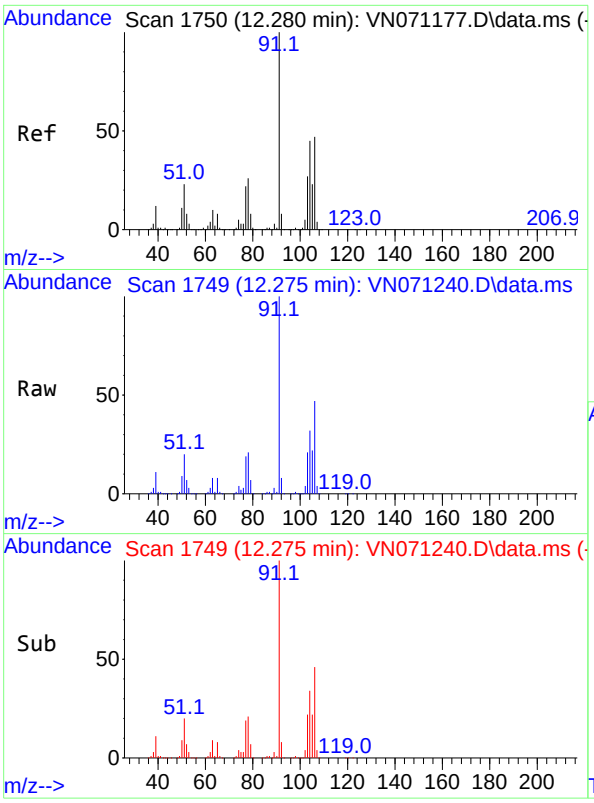


#68
m/p-Xylenes
Concen: 107.428 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:106 Resp: 1373501

Ion	Ratio	Lower	Upper
106	100		
91	202.0	160.6	240.8



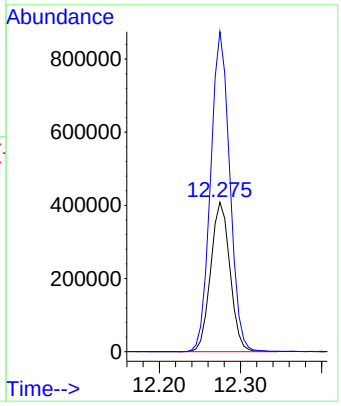


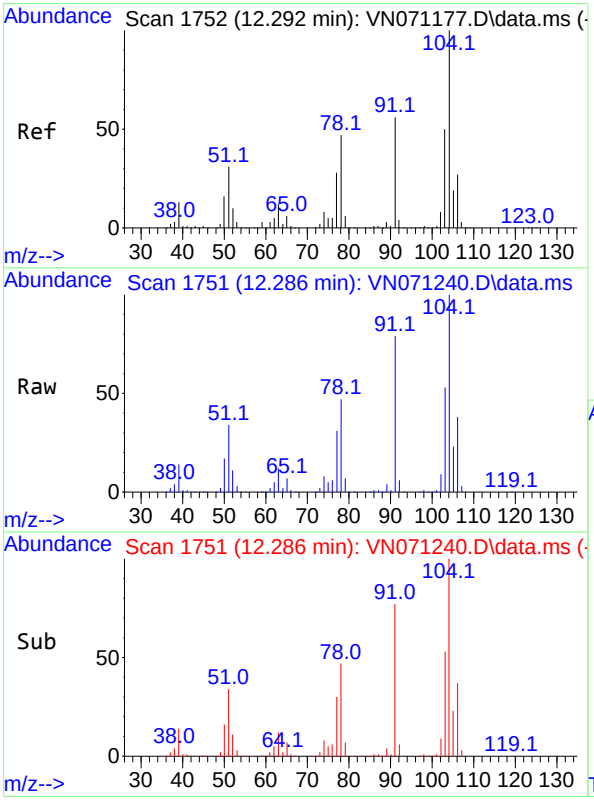
#69
o-Xylene
Concen: 52.703 ug/l
RT: 12.275 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 675446

Ion	Ratio	Lower	Upper
106	100		
91	213.1	105.8	317.3

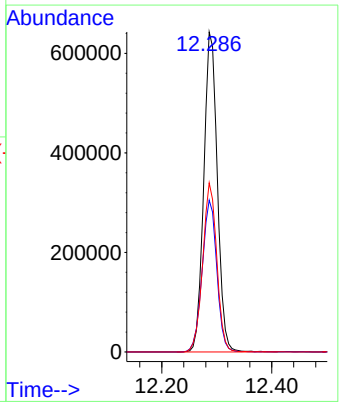


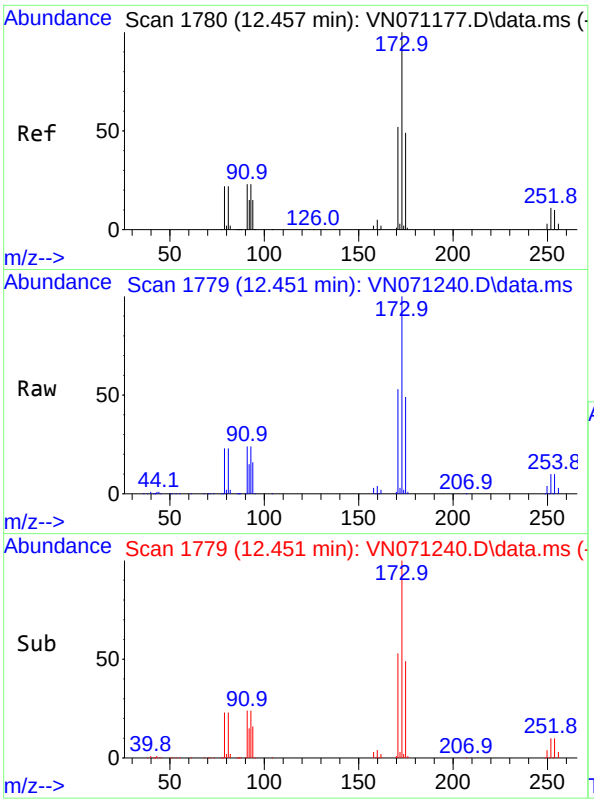


#70
Styrene
Concen: 55.509 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:104 Resp: 1101205

Ion	Ratio	Lower	Upper
104	100		
78	51.0	38.7	58.1
103	55.0	45.0	67.6



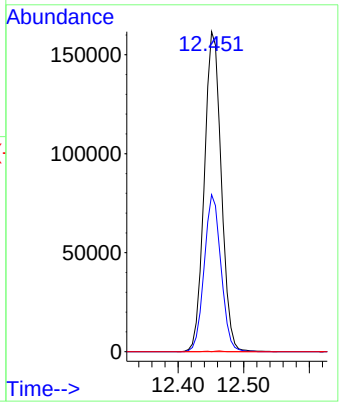


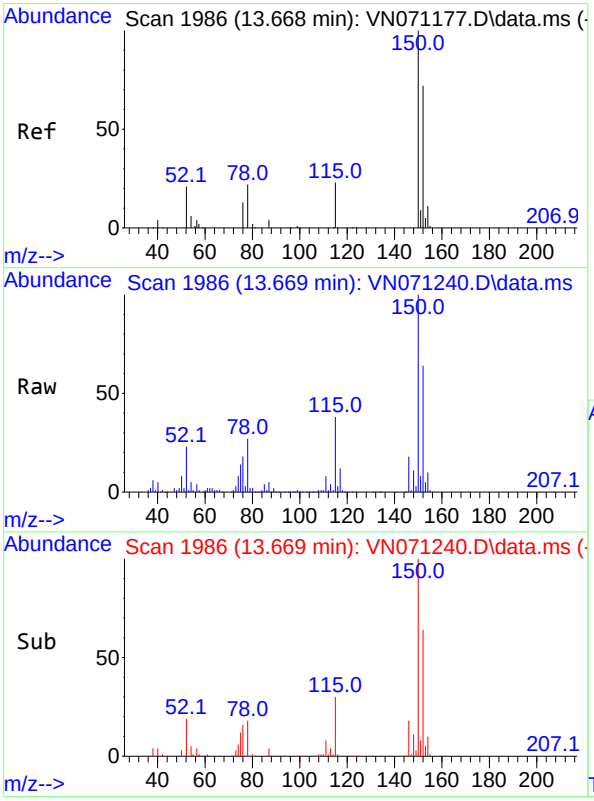
#71
Bromoform
Concen: 52.815 ug/l
RT: 12.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 290697

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.2	72.6
254	0.1	0.0	0.0#

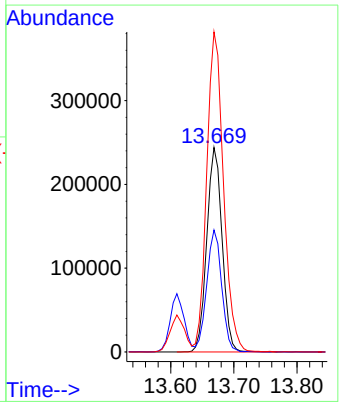


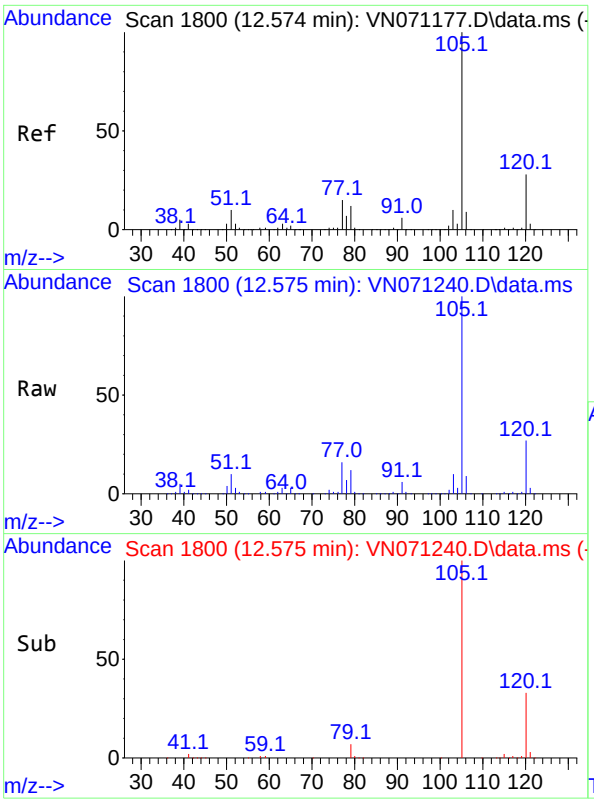


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:152 Resp: 410887

Ion	Ratio	Lower	Upper
152	100		
115	58.0	27.5	82.5
150	170.6	0.0	344.4



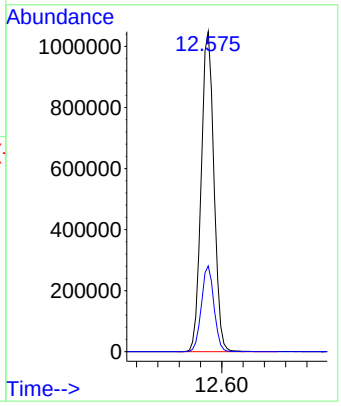


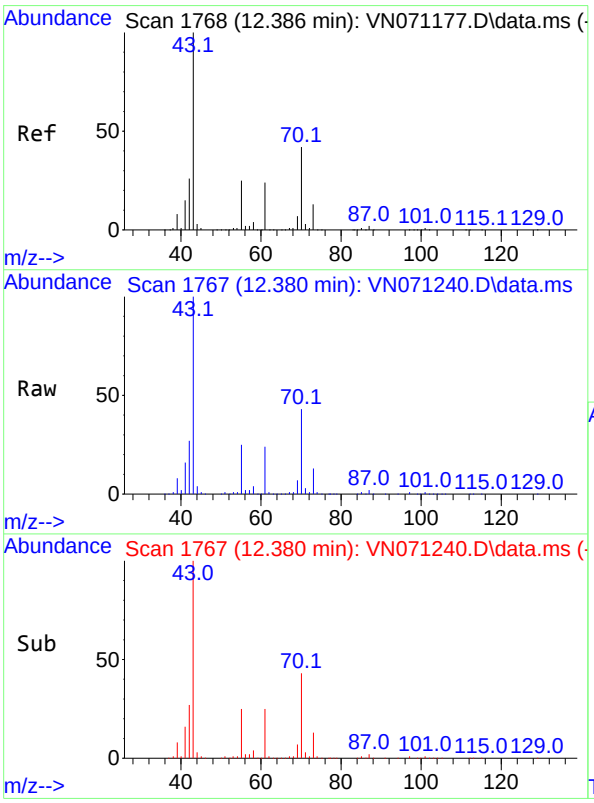
#73
Isopropylbenzene
Concen: 43.778 ug/l
RT: 12.575 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1733990

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.4	40.1

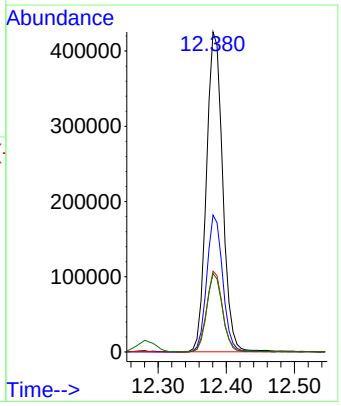


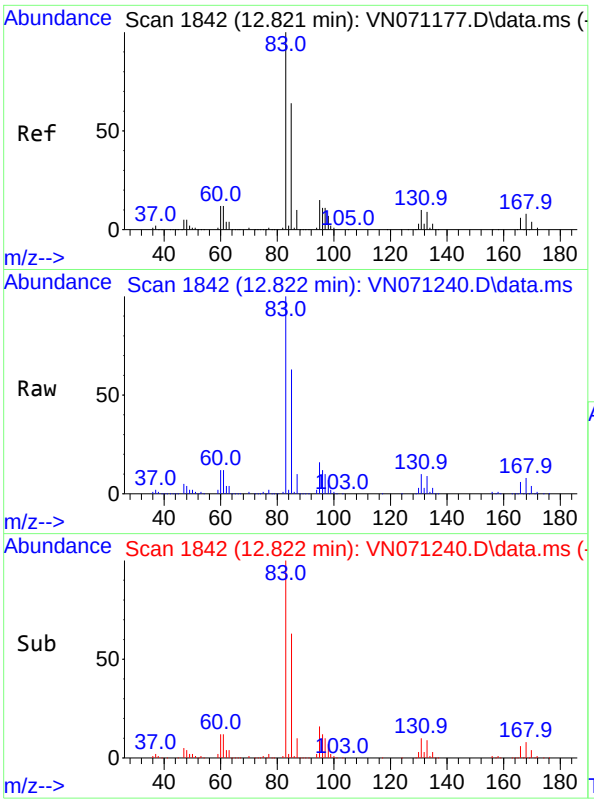


#74
N-amyl acetate
Concen: 47.272 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 43 Resp: 704013

Ion	Ratio	Lower	Upper
43	100		
70	42.2	33.4	50.0
55	24.9	19.3	28.9
61	23.7	18.5	27.7



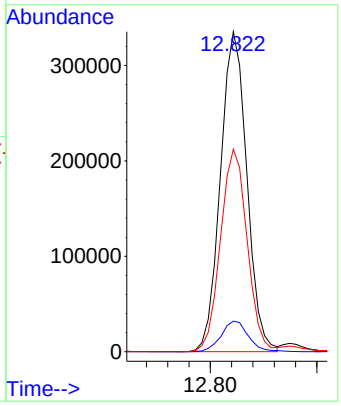


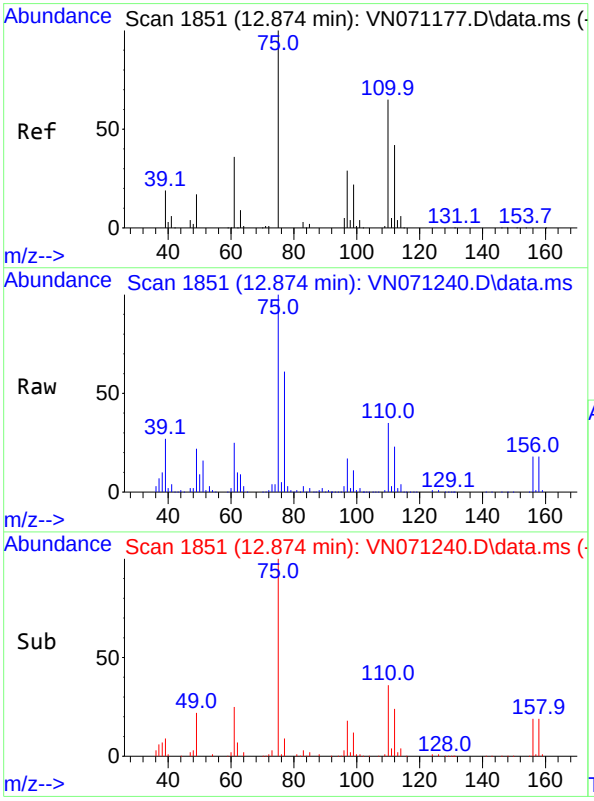
#75
1,1,2,2-Tetrachloroethane
Concen: 48.968 ug/l
RT: 12.822 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 83 Resp: 576989

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.5	16.5
85	63.8	32.4	97.2

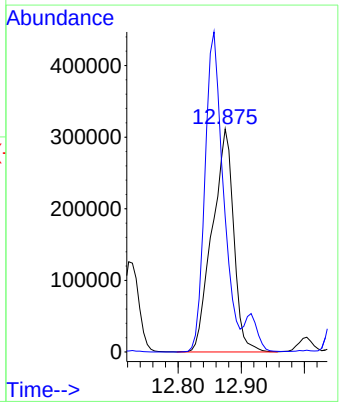


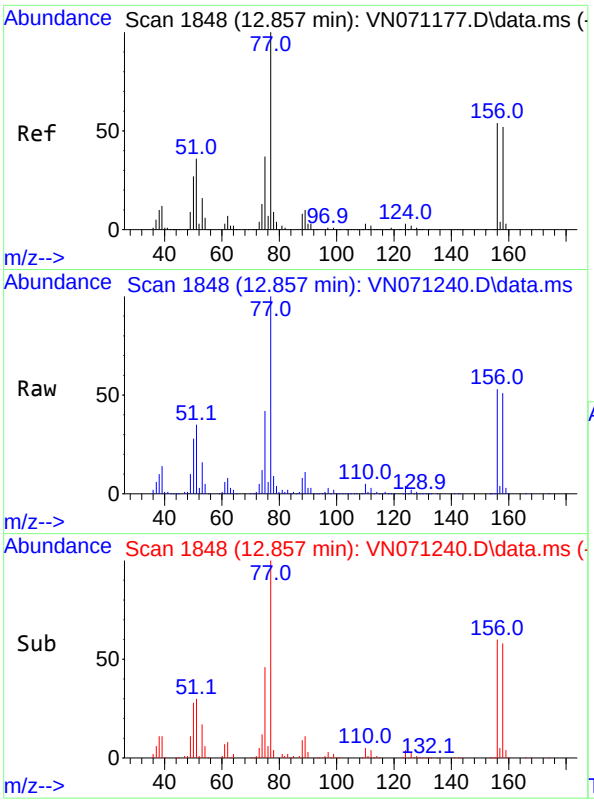


#76
1,2,3-Trichloropropane
Concen: 75.145 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 75 Resp: 734202

Ion	Ratio	Lower	Upper
75	100		
77	122.4	82.6	247.8



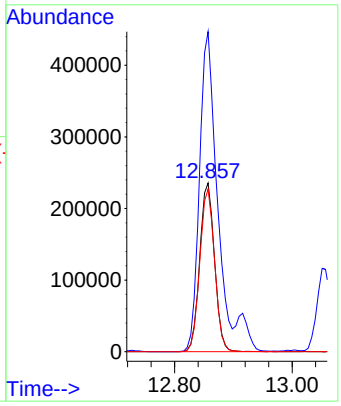


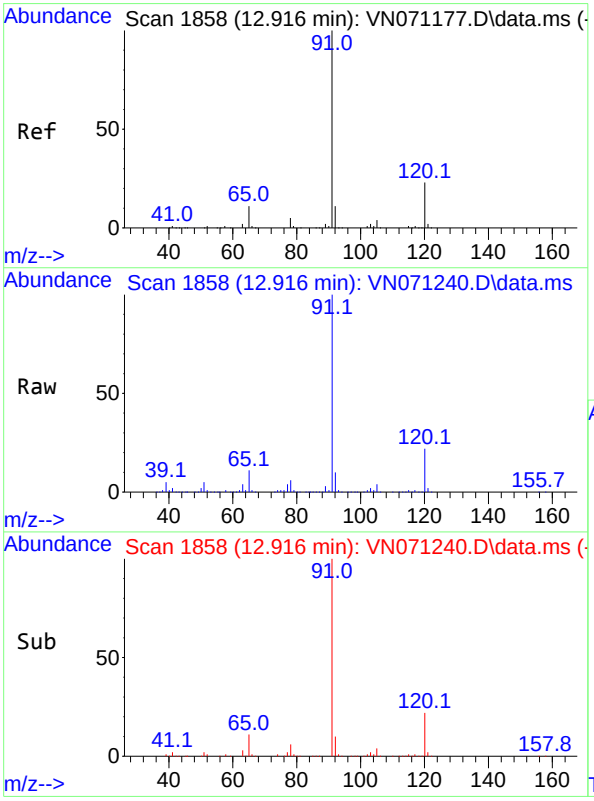
#77
Bromobenzene
Concen: 44.464 ug/l
RT: 12.857 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:156 Resp: 410680

Ion	Ratio	Lower	Upper
156	100		
77	218.9	90.6	271.8
158	96.0	48.9	146.7

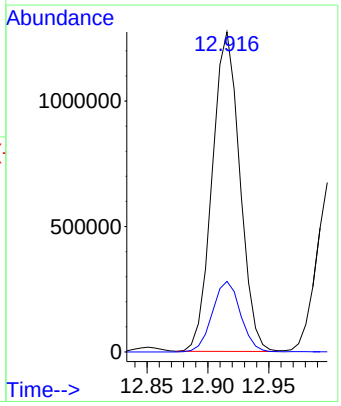


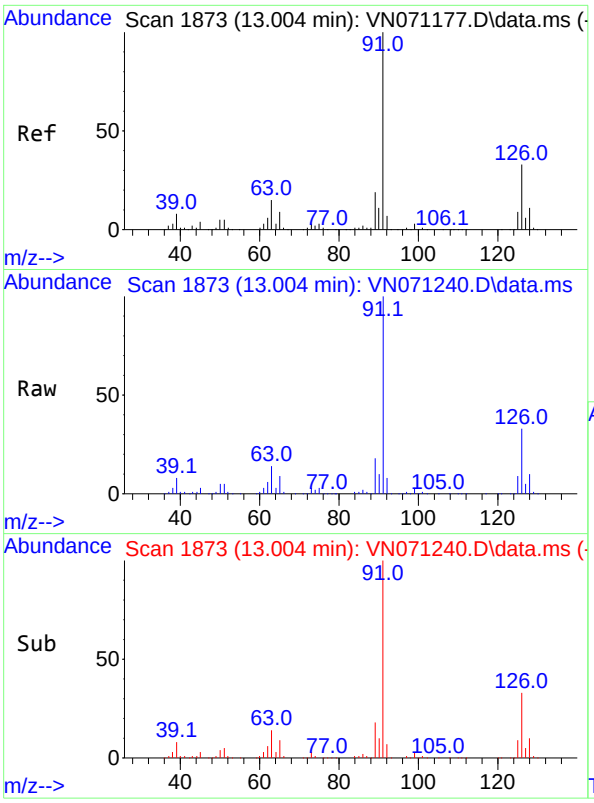


#78
n-propylbenzene
Concen: 47.253 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 91 Resp: 2008377

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.9	35.9



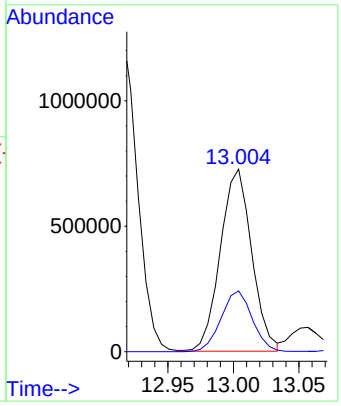


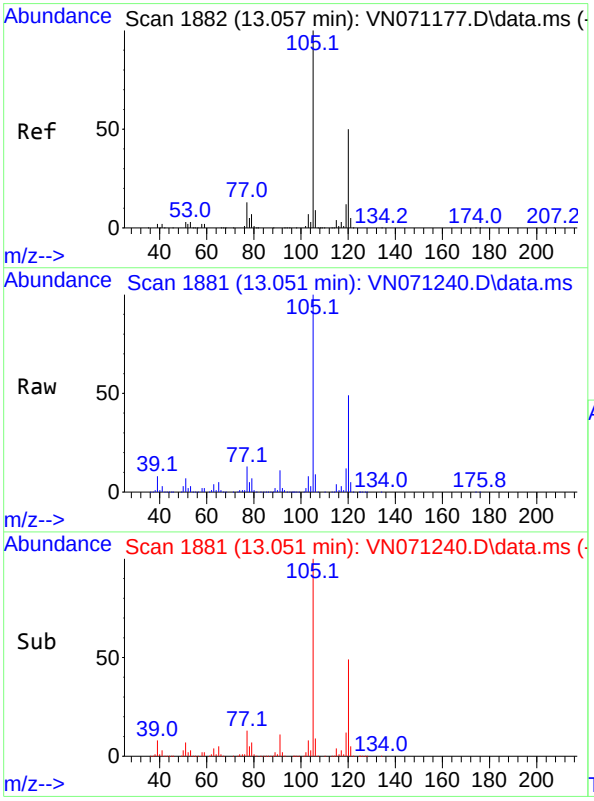
#79
2-Chlorotoluene
Concen: 44.337 ug/l
RT: 13.004 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 1209695

Ion	Ratio	Lower	Upper
91	100		
126	33.2	18.3	54.8

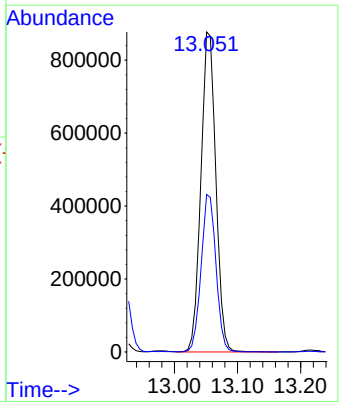


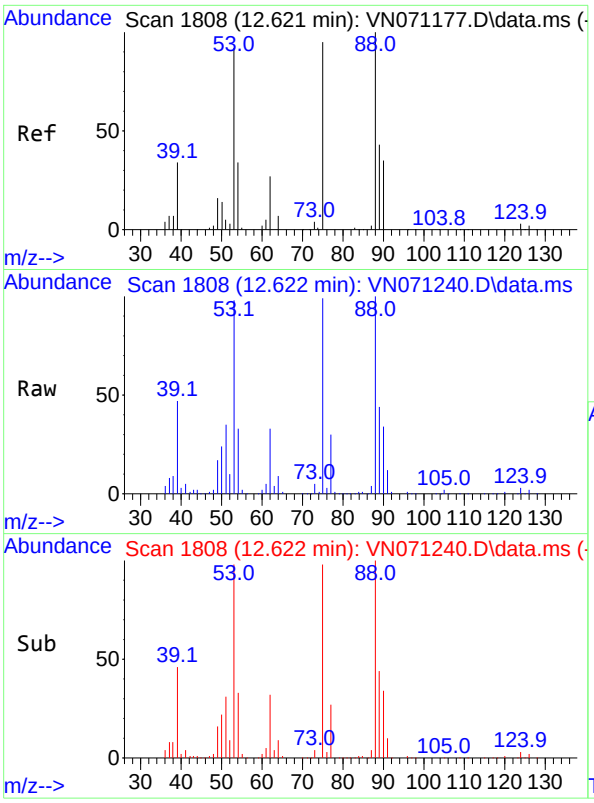


#80
1,3,5-Trimethylbenzene
Concen: 46.853 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:105 Resp: 1443809

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.6	73.6



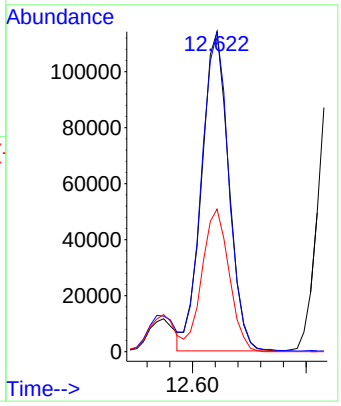


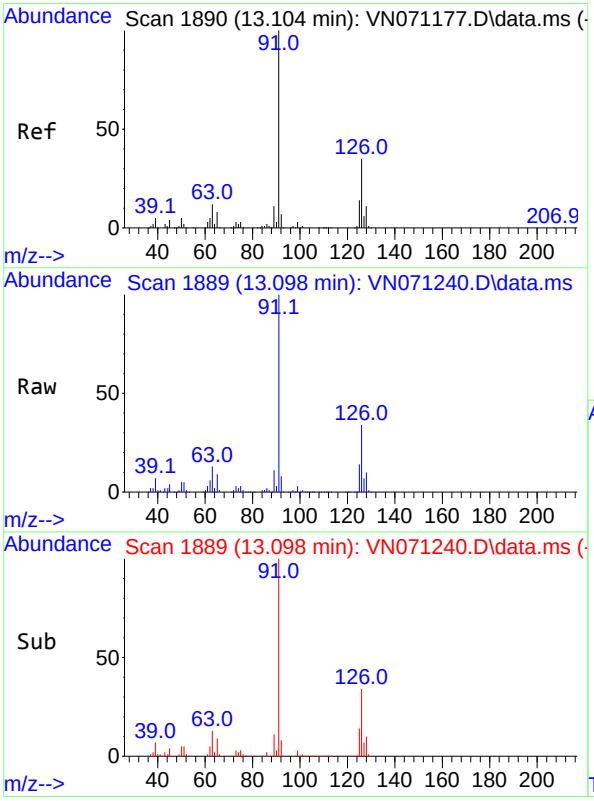
#81
trans-1,4-Dichloro-2-butene
Concen: 49.609 ug/l
RT: 12.622 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 188563

Ion	Ratio	Lower	Upper
75	100		
53	99.8	90.5	135.7
89	44.5	38.2	57.4

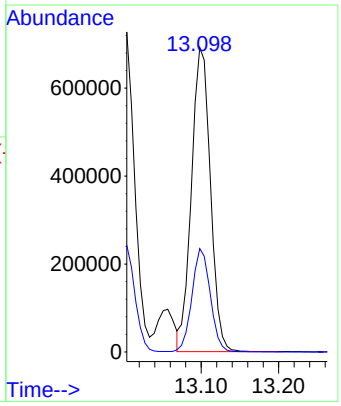


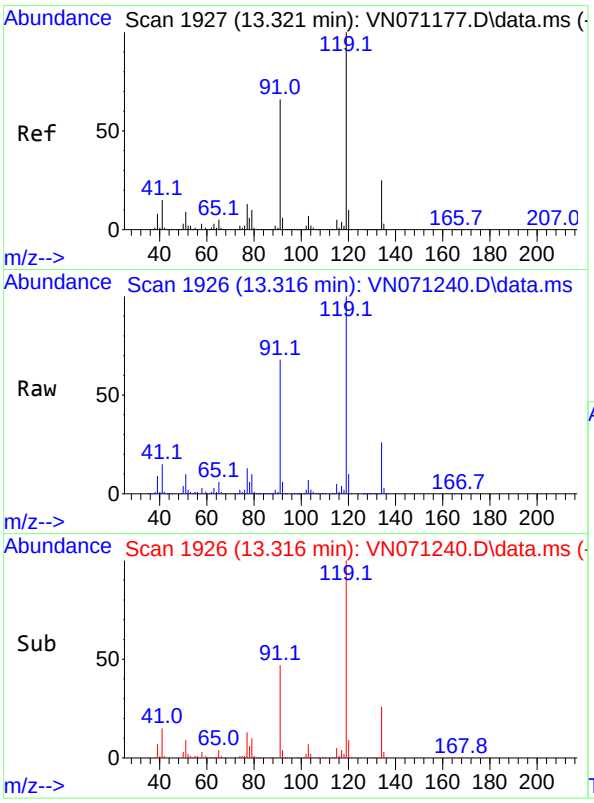


#82
4-Chlorotoluene
Concen: 48.265 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 91 Resp: 1172947

Ion	Ratio	Lower	Upper
91	100		
126	33.1	18.2	54.6



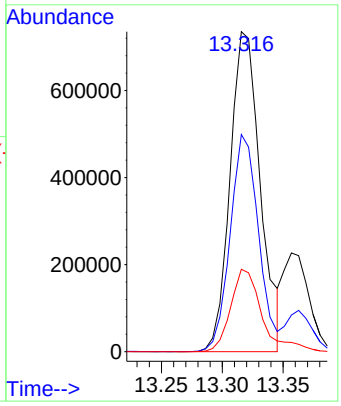


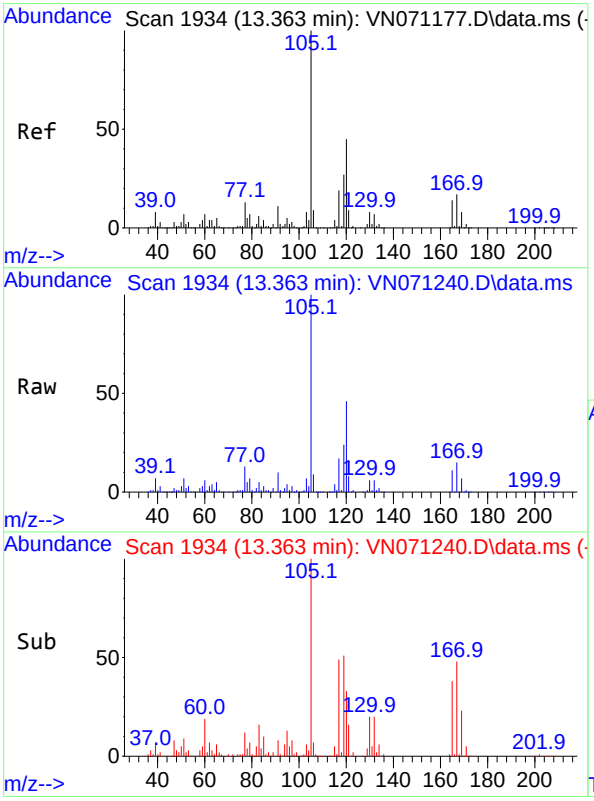
#83
tert-Butylbenzene
Concen: 46.203 ug/l
RT: 13.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:119 Resp: 1270611

Ion	Ratio	Lower	Upper
119	100		
91	63.6	31.5	94.5
134	26.8	12.4	37.4

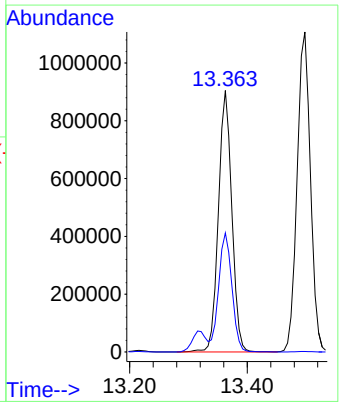


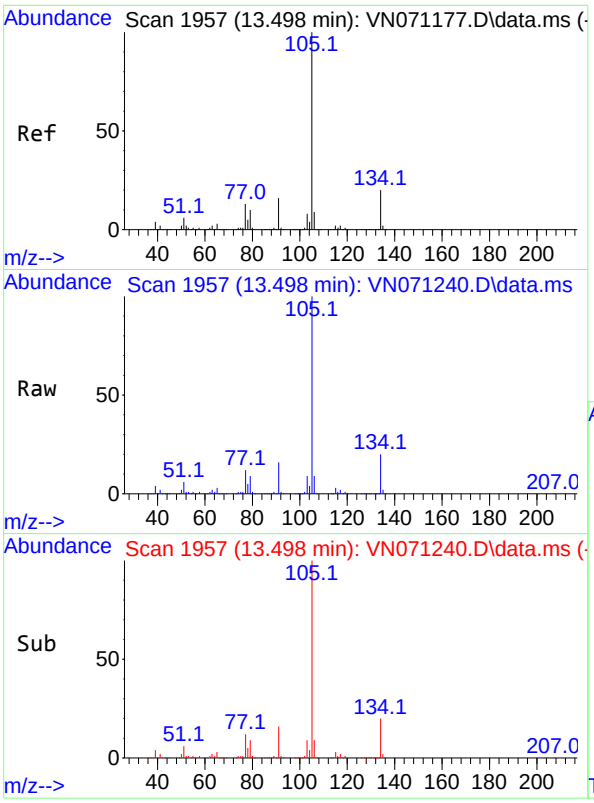


#84
1,2,4-Trimethylbenzene
Concen: 48.401 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:105 Resp: 1428621

Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.4



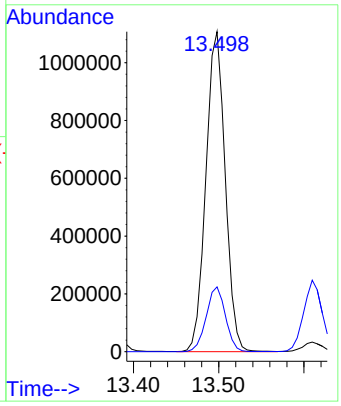


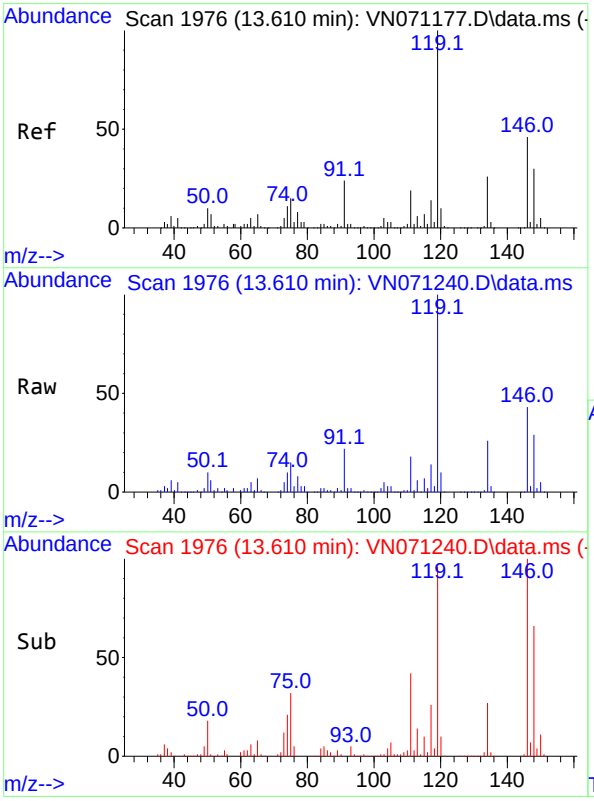
#85
sec-Butylbenzene
Concen: 47.648 ug/l
RT: 13.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 1741671

Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.4	31.1

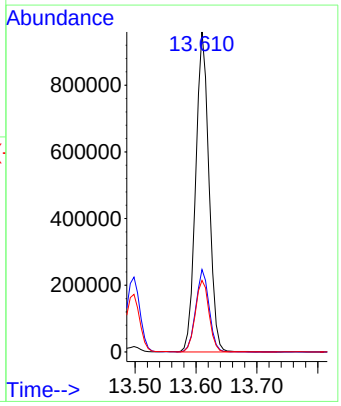


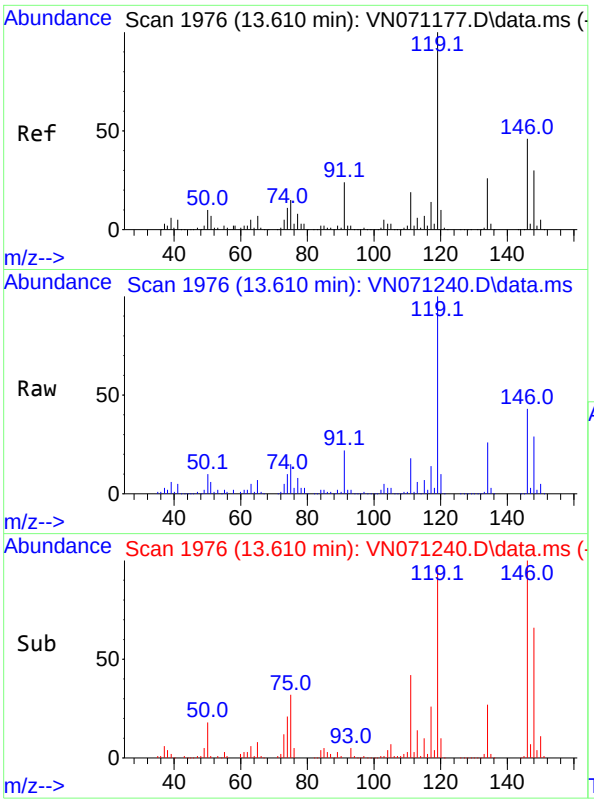


#86
p-Isopropyltoluene
Concen: 50.476 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:119 Resp: 1451013

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.6	40.7
91	23.0	11.4	34.1



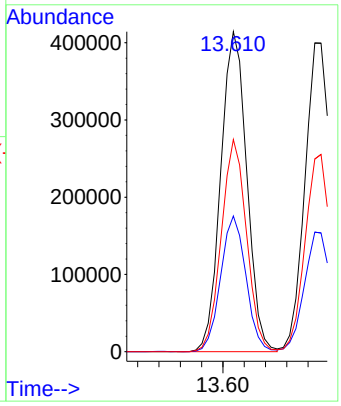


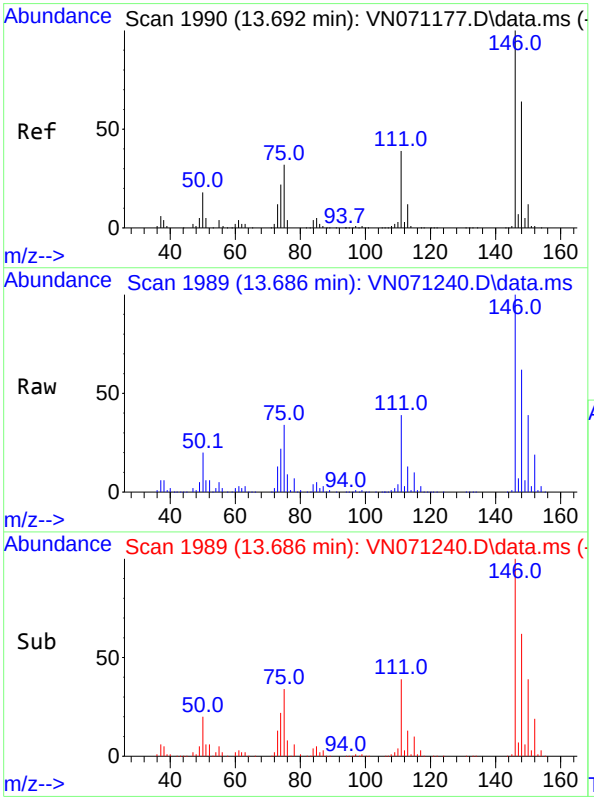
#87
1,3-Dichlorobenzene
Concen: 46.854 ug/l
RT: 13.610 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 703157

Ion	Ratio	Lower	Upper
146	100		
111	41.2	18.6	55.6
148	64.3	31.6	95.0

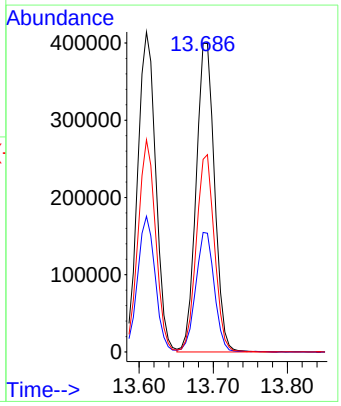


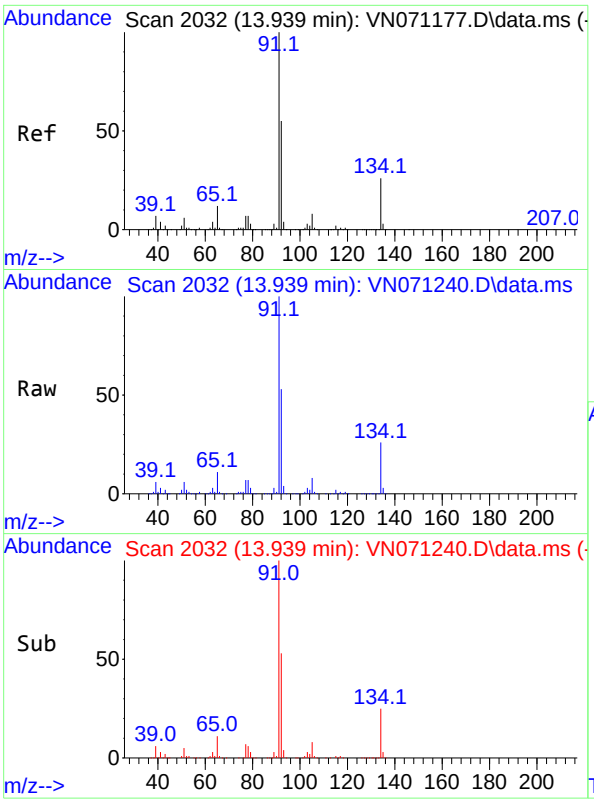


#88
1,4-Dichlorobenzene
Concen: 47.035 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:146 Resp: 689992

Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.3	54.8
148	63.3	31.8	95.4



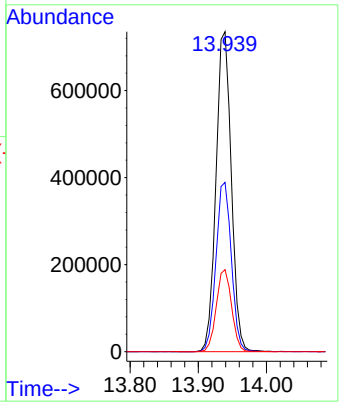


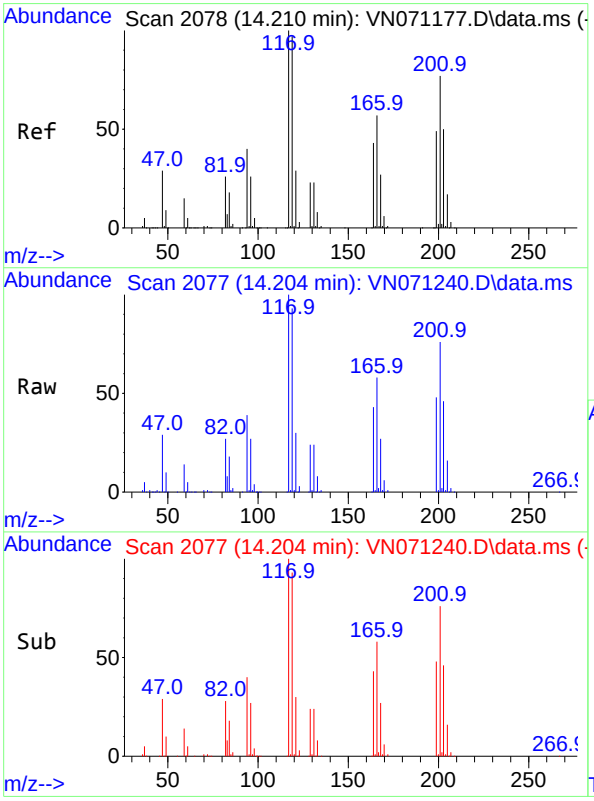
#89
n-Butylbenzene
Concen: 51.117 ug/l
RT: 13.939 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 1149319

Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.4	76.0
134	25.7	13.6	40.8

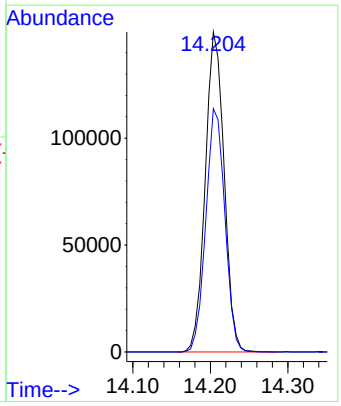


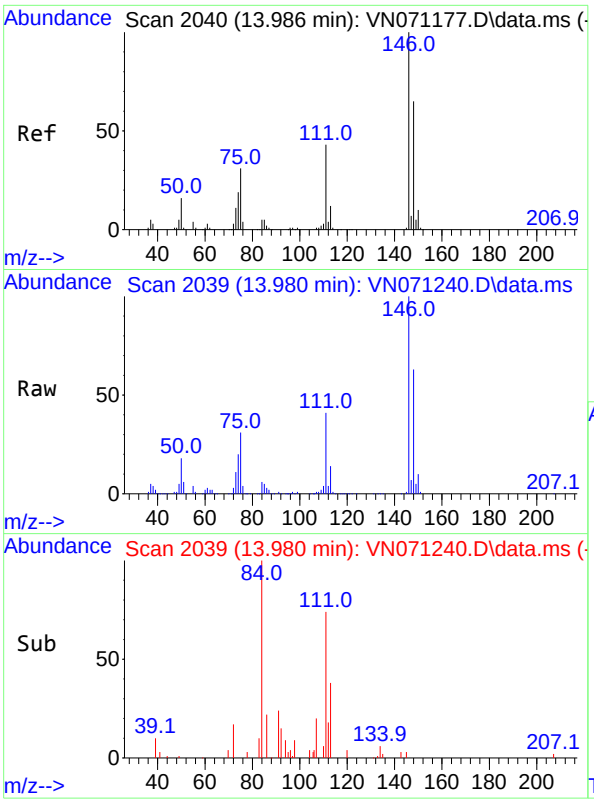


#90
Hexachloroethane
Concen: 44.250 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:117 Resp: 252965

Ion	Ratio	Lower	Upper
117	100		
201	76.7	43.9	131.6



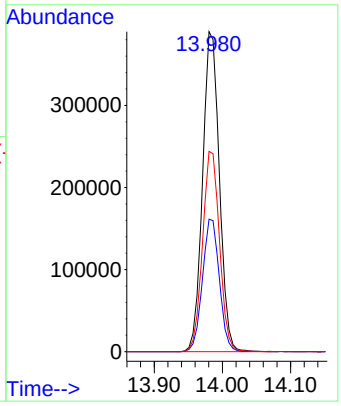


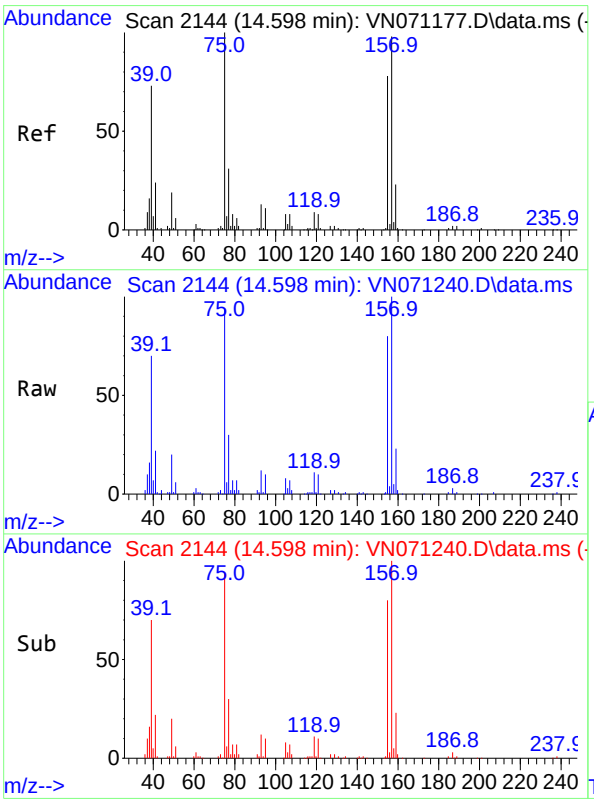
#91
1,2-Dichlorobenzene
Concen: 46.310 ug/l
RT: 13.980 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 668156

Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.1	57.3
148	63.3	32.1	96.3

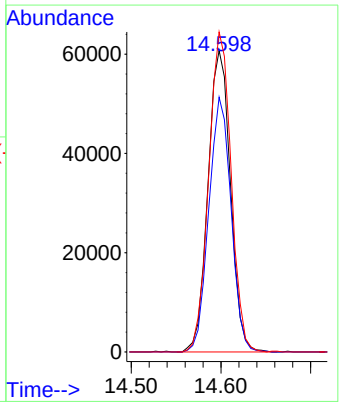


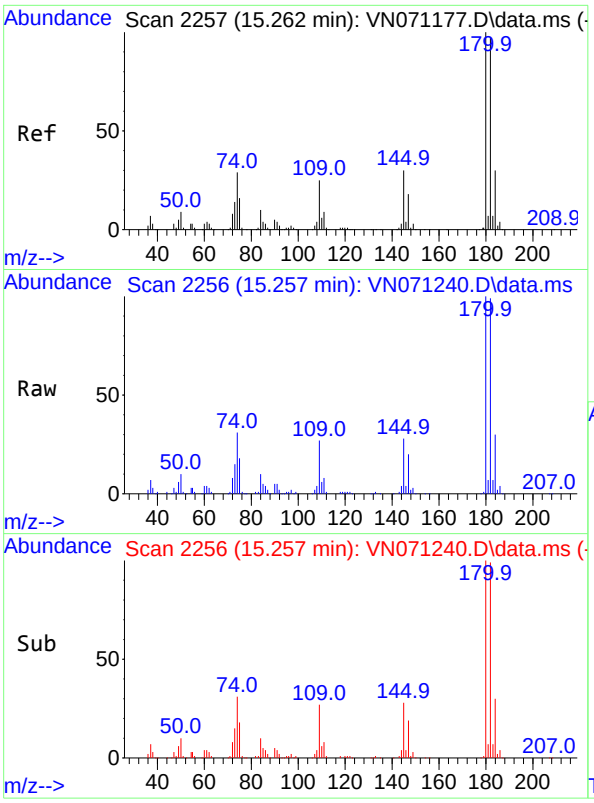


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.743 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion: 75 Resp: 105420

Ion	Ratio	Lower	Upper
75	100		
155	83.7	46.9	140.7
157	105.8	60.6	181.7



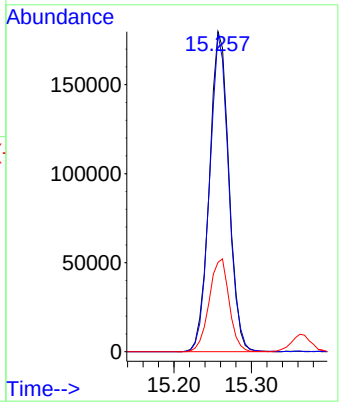


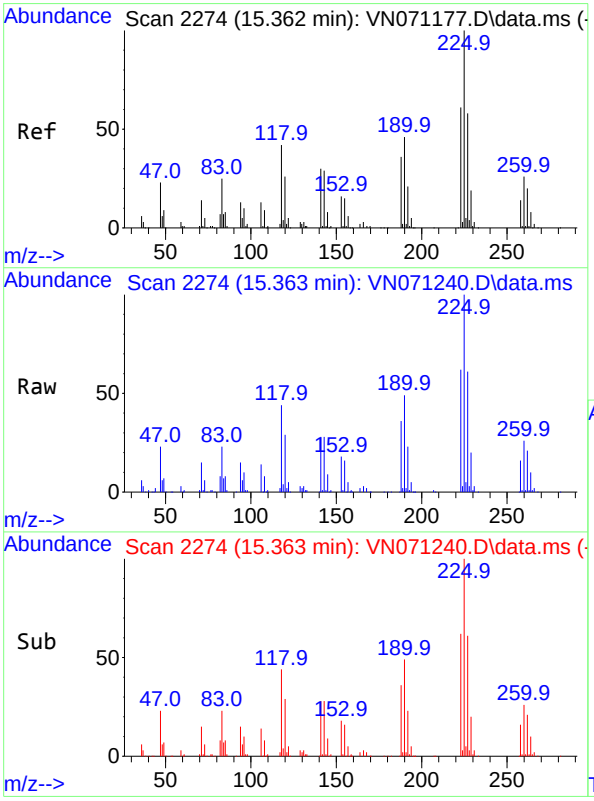
#93
1,2,4-Trichlorobenzene
Concen: 46.993 ug/l
RT: 15.257 min Scan# 2
Delta R.T. -0.005 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 315156

Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.3	144.9
145	29.6	14.5	43.5

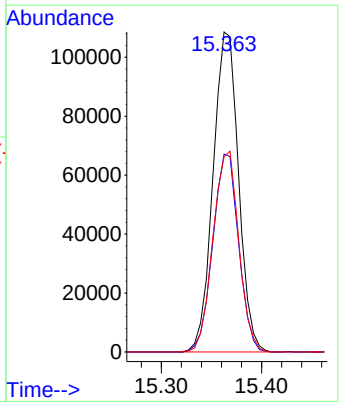


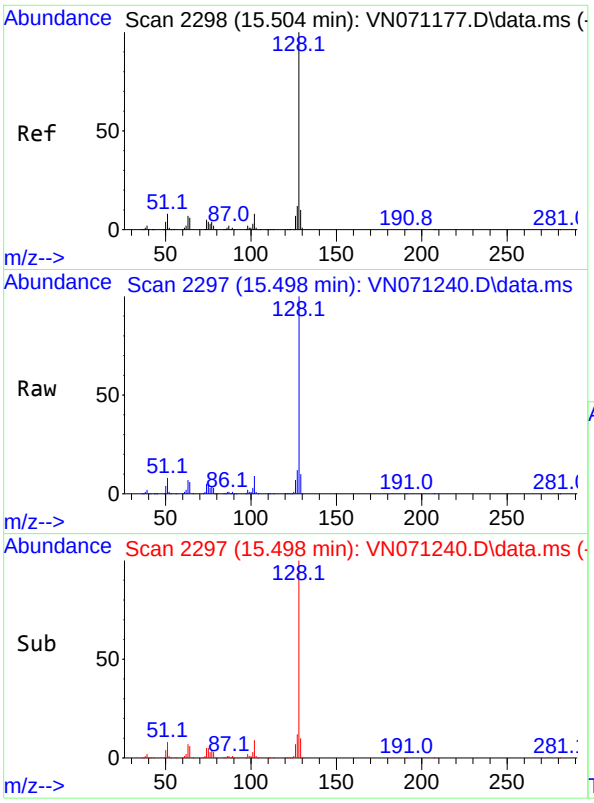


#94
Hexachlorobutadiene
Concen: 47.205 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:225 Resp: 191200

Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.7
227	63.7	32.1	96.3



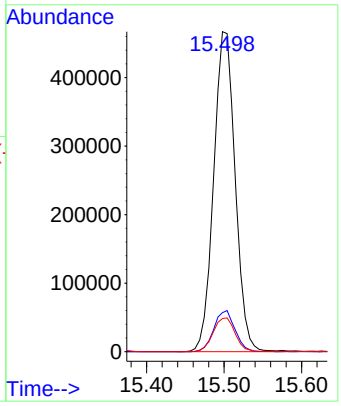


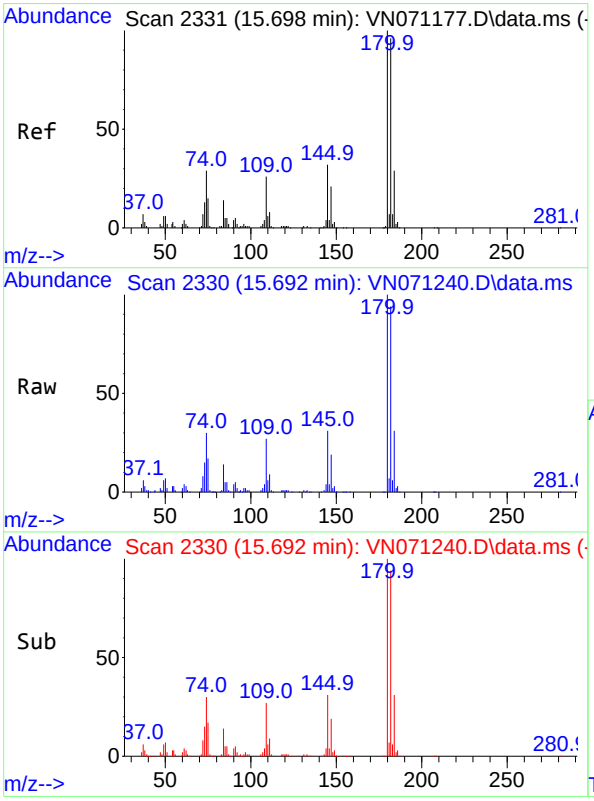
#95
Naphthalene
Concen: 47.961 ug/l
RT: 15.498 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Instrument :
MSVOA_N
ClientSampleId :

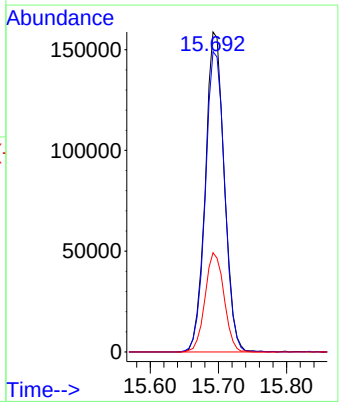
Tgt Ion:128 Resp: 899058

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 47.738 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071240.D
Acq: 11 Mar 2022 09:49

Tgt Ion:180 Resp: 307106

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.4	142.2
145	31.0	15.0	45.1