Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067472.D
Acq On : 24 Jun 2021 10:20
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 24 11:58:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 11:57:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.086	168	275824	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.968	114	597817	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.747	117	528501	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	184684	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.437	65	28926	5.29	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 10.58%#				
35) Dibromofluoromethane	8.019	113	19163	4.91	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 9.82%#				
50) Toluene-d8	10.440	98	80748	5.26	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 10.52%#				
62) 4-Bromofluorobenzene	12.733	95	28635	4.66	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 9.32%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.070	85	23968	5.80	ug/l		94
3) Chloromethane	2.298	50	27377	6.24	ug/l		100
4) Vinyl Chloride	2.443	62	23535	5.63	ug/l		91
5) Bromomethane	2.832	94	14817	7.81	ug/l		93
6) Chloroethane	3.009	64	15724	6.03	ug/l		93
7) Trichlorofluoromethane	3.368	101	37589	6.33	ug/l		96
8) Diethyl Ether	3.819	74	15535	6.45	ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.199	101	20328	5.81	ug/l	#	55
10) Methyl Iodide	4.414	142	18060	5.54	ug/l	#	87
11) Tert butyl alcohol	5.396	59	20358	22.62	ug/l	#	94
12) 1,1-Dichloroethene	4.170	96	20975	6.16	ug/l		99
13) Acrolein	4.033	56	10108	16.57	ug/l	#	7
14) Allyl chloride	4.840	41	42351	5.64	ug/l	#	87
15) Acrylonitrile	5.559	53	65468	32.07	ug/l		100
16) Acetone	4.293	43	56623	26.81	ug/l		90
17) Carbon Disulfide	4.521	76	63910	5.78	ug/l		99
18) Methyl Acetate	4.865	43	33996	6.54	ug/l		99
19) Methyl tert-butyl Ether	5.618	73	79610	5.90	ug/l		98
20) Methylene Chloride	5.085	84	12922	2.87	ug/l		98
21) trans-1,2-Dichloroethene	5.583	96	9482	2.53	ug/l		96
22) Diisopropyl ether	6.501	45	89310	6.35	ug/l		95
23) Vinyl Acetate	6.434	43	361973	28.44	ug/l		99
24) 1,1-Dichloroethane	6.385	63	47046	6.00	ug/l		99
25) 2-Butanone	7.343	43	91739	30.06	ug/l		99
26) 2,2-Dichloropropane	7.324	77	41542	5.37	ug/l		98
27) cis-1,2-Dichloroethene	7.332	96	26874	6.07	ug/l		95
28) Bromochloromethane	7.657	49	23408	6.36	ug/l	#	49
29) Tetrahydrofuran	7.691	42	55365	28.68	ug/l		97
30) Chloroform	7.823	83	44736	5.51	ug/l		96
31) Cyclohexane	8.094	56	54572	7.09	ug/l	#	90
32) 1,1,1-Trichloroethane	8.016	97	36750	5.02	ug/l		95
36) 1,1-Dichloropropene	8.222	75	34549	5.13	ug/l		98
37) Ethyl Acetate	7.418	43	34960	4.90	ug/l		97
38) Carbon Tetrachloride	8.209	117	29773	4.27	ug/l		95
39) Methylcyclohexane	9.459	83	40424	5.64	ug/l		98
40) Benzene	8.458	78	107920	5.71	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067472.D
Acq On : 24 Jun 2021 10:20
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Jun 24 11:58:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 11:57:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.640	41	18530	5.05	ug/l		97
42) 1,2-Dichloroethane	8.528	62	37882	4.87	ug/l		99
43) Isopropyl Acetate	8.566	43	65194	5.13	ug/l		93
44) Trichloroethene	9.217	130	20401	4.75	ug/l		97
45) 1,2-Dichloropropane	9.491	63	28351	5.58	ug/l		94
46) Dibromomethane	9.582	93	17525	5.18	ug/l		90
47) Bromodichloromethane	9.765	83	33280	4.43	ug/l		93
48) Methyl methacrylate	9.563	41	28702	4.99	ug/l		96
49) 1,4-Dioxane	9.571	88	8077	102.26	ug/l		97
51) 4-Methyl-2-Pentanone	10.333	43	191780	26.15	ug/l		99
52) Toluene	10.507	92	60820	5.15	ug/l		96
53) t-1,3-Dichloropropene	10.719	75	36794	4.41	ug/l		96
54) cis-1,3-Dichloropropene	10.186	75	41762	4.88	ug/l		90
55) 1,1,2-Trichloroethane	10.902	97	24086	5.26	ug/l		97
56) Ethyl methacrylate	10.762	69	40654	4.96	ug/l		94
57) 1,3-Dichloropropane	11.047	76	43695	5.21	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.043	63	41461	17.93	ug/l		92
59) 2-Hexanone	11.087	43	131698	24.61	ug/l		95
60) Dibromochloromethane	11.240	129	19051	3.93	ug/l		96
61) 1,2-Dibromoethane	11.347	107	22242	4.70	ug/l		99
64) Tetrachloroethene	10.979	164	18611	5.04	ug/l		94
65) Chlorobenzene	11.771	112	58104	5.08	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.840	131	19267	4.59	ug/l		95
67) Ethyl Benzene	11.846	91	118795	5.23	ug/l		99
68) m/p-Xylenes	11.956	106	81799	10.21	ug/l		98
69) o-Xylene	12.283	106	40323	5.13	ug/l		99
70) Styrene	12.296	104	62664	4.82	ug/l		97
71) Bromoform	12.463	173	11364	3.60	ug/l	#	99
73) Isopropylbenzene	12.581	105	105144	5.84	ug/l		99
74) N-amyl acetate	12.390	43	47871	5.46	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.827	83	34453	6.35	ug/l		99
76) 1,2,3-Trichloropropane	12.884	75	43788	8.84	ug/l	#	100
77) Bromobenzene	12.862	156	19124	5.30	ug/l		89
78) n-propylbenzene	12.921	91	125466	5.82	ug/l		97
79) 2-Chlorotoluene	13.010	91	76811	5.77	ug/l		97
80) 1,3,5-Trimethylbenzene	13.061	105	84826	5.63	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.629	75	8787	4.46	ug/l		92
82) 4-Chlorotoluene	13.109	91	74985	5.68	ug/l		95
83) tert-Butylbenzene	13.326	119	66144	5.54	ug/l		99
84) 1,2,4-Trimethylbenzene	13.369	105	83408	5.61	ug/l		98
85) sec-Butylbenzene	13.503	105	100030	5.84	ug/l		96
86) p-Isopropyltoluene	13.619	119	73689	5.40	ug/l		96
87) 1,3-Dichlorobenzene	13.619	146	35325	5.46	ug/l		96
88) 1,4-Dichlorobenzene	13.696	146	32485	4.99	ug/l		89
89) n-Butylbenzene	13.946	91	70943	5.47	ug/l		98
90) Hexachloroethane	14.211	117	12918	4.87	ug/l		84
91) 1,2-Dichlorobenzene	13.991	146	33255	5.37	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.606	75	5208	4.02	ug/l		92
93) 1,2,4-Trichlorobenzene	15.268	180	12652	4.01	ug/l		97
94) Hexachlorobutadiene	15.370	225	7510	4.20	ug/l		97
95) Naphthalene	15.509	128	34219	3.54	ug/l		99
96) 1,2,3-Trichlorobenzene	15.702	180	11521	3.80	ug/l		95

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067472.D
Acq On : 24 Jun 2021 10:20
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 24 11:58:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 11:57:20 2021
Response via : Initial Calibration

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

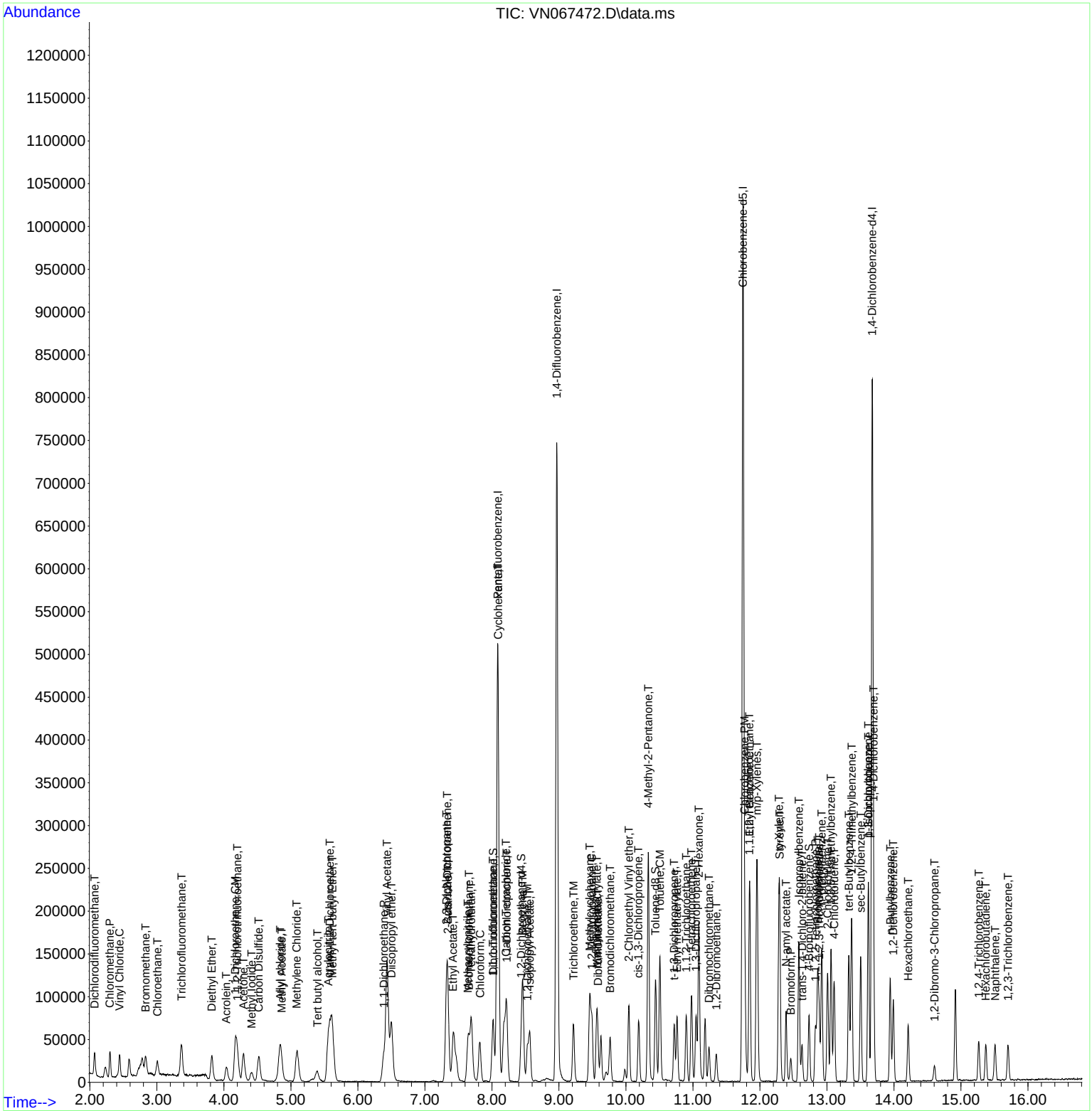
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

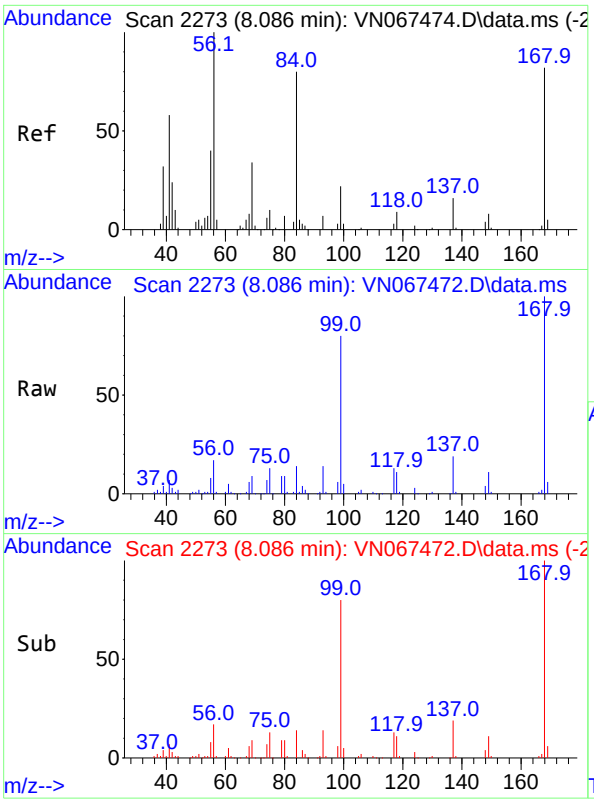
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
Data File : VN067472.D
Acq On : 24 Jun 2021 10:20
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 24 11:58:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 11:57:20 2021
Response via : Initial Calibration



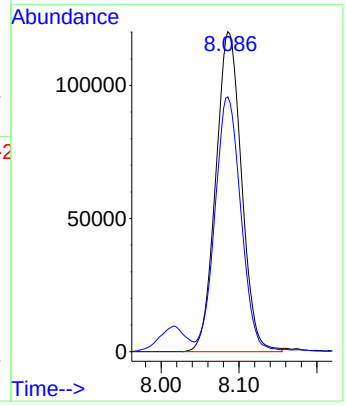
Instrument :
MSVOA_N
ClientSampleId :

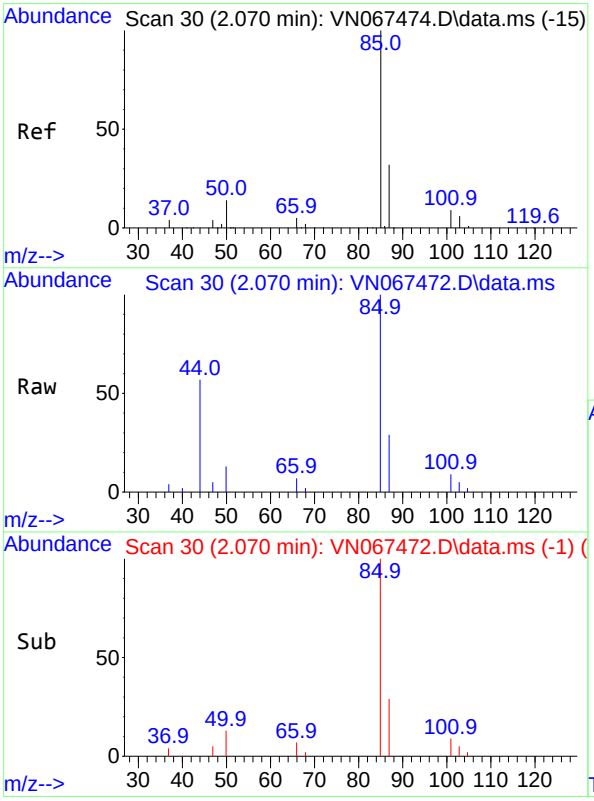


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:168 Resp: 275824

Ion	Ratio	Lower	Upper
168	100		
99	79.0	62.9	94.3

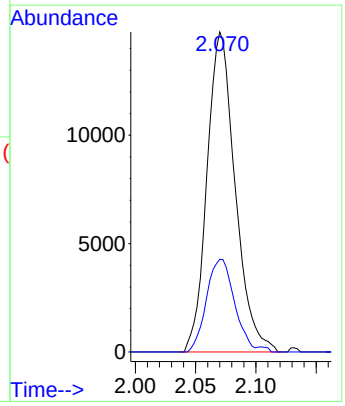




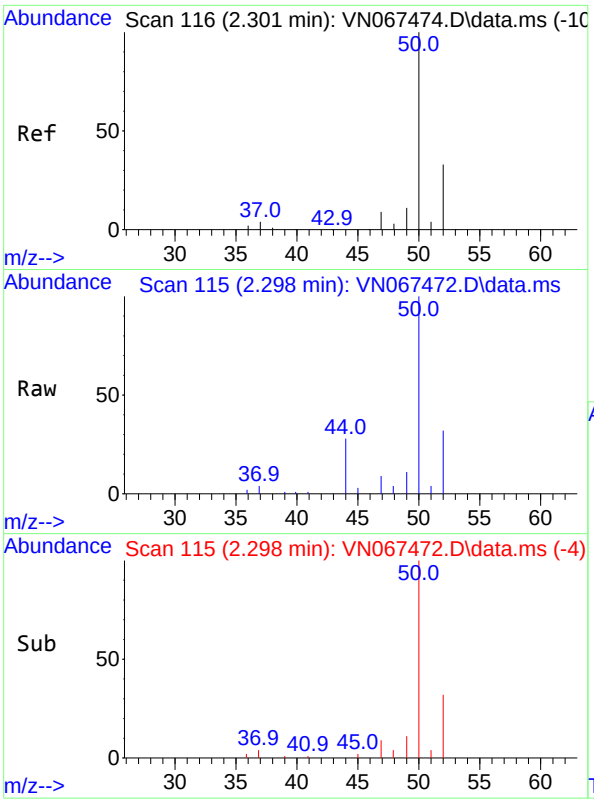
#2
Dichlorodifluoromethane
Concen: 5.80 ug/l
RT: 2.070 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 85 Resp: 23968

Ion	Ratio	Lower	Upper
85	100		
87	28.9	16.1	48.2



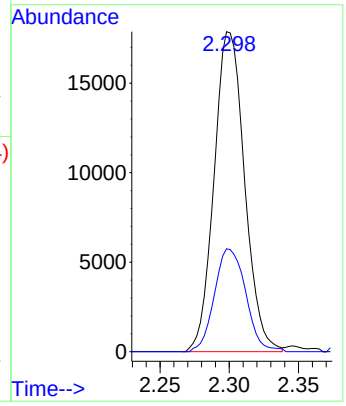
Instrument :
MSVOA_N
ClientSampleId :

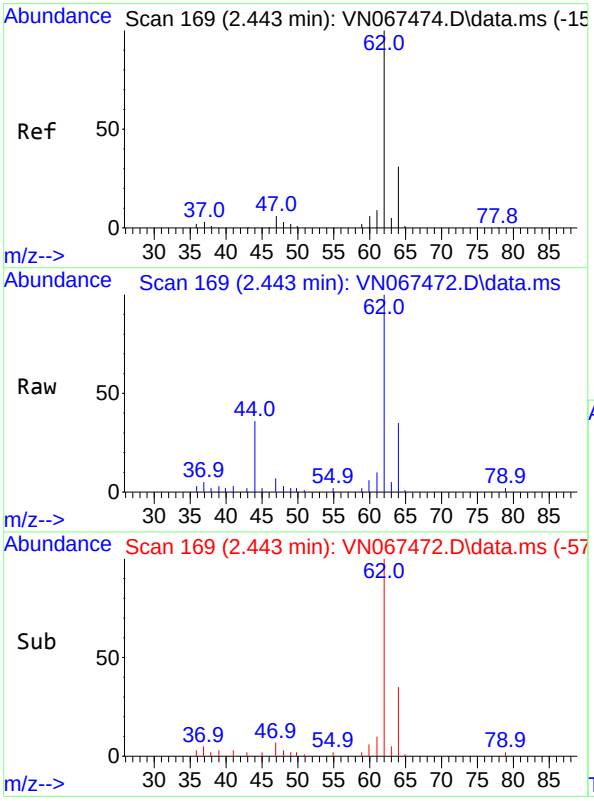


#3
Chloromethane
Concen: 6.24 ug/l
RT: 2.298 min Scan# 115
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 50 Resp: 27377

Ion	Ratio	Lower	Upper
50	100		
52	32.1	25.6	38.4

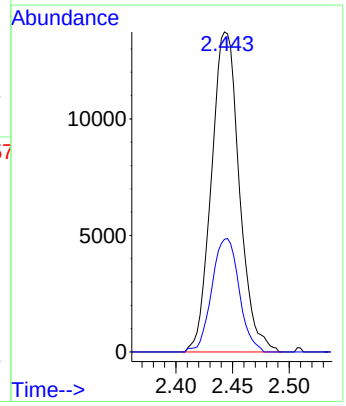


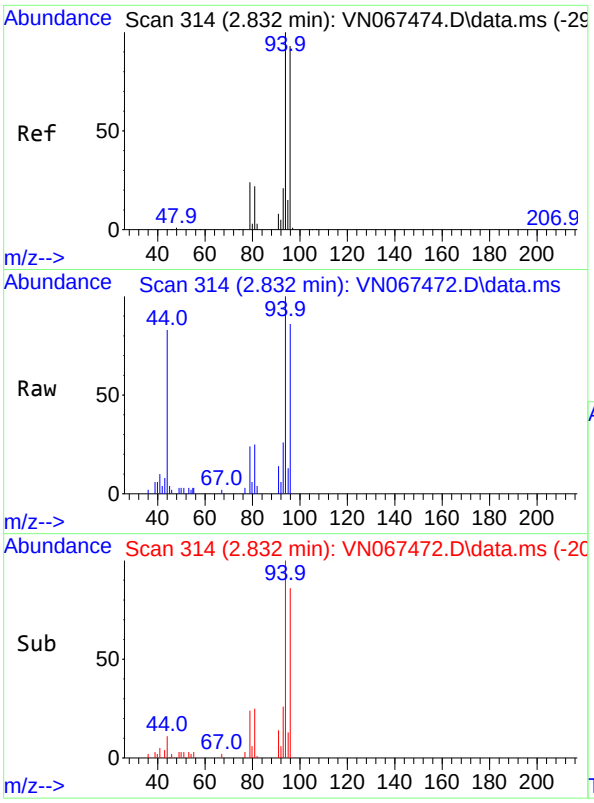


#4
Vinyl Chloride
Concen: 5.63 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 62 Resp: 23535

Ion	Ratio	Lower	Upper
62	100		
64	35.2	24.4	36.6

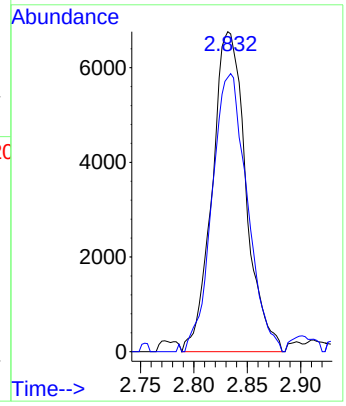




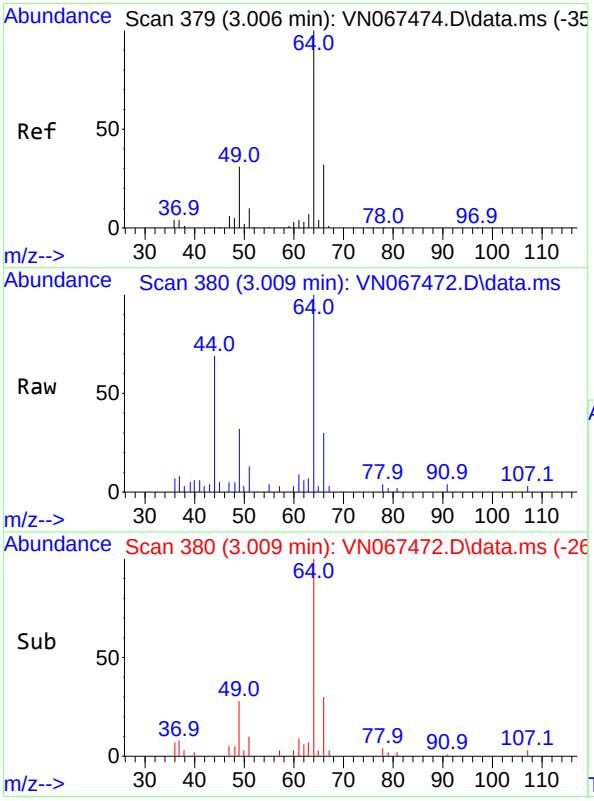
#5
Bromomethane
Concen: 7.81 ug/l
RT: 2.832 min Scan# 314
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 94 Resp: 14817

Ion	Ratio	Lower	Upper
94	100		
96	85.7	73.7	110.5



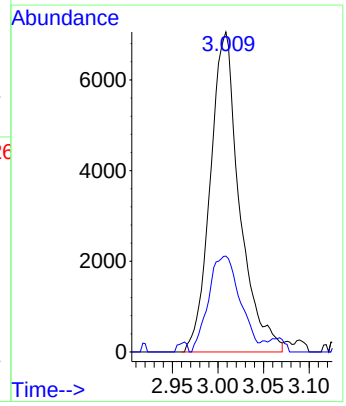
Instrument :
MSVOA_N
ClientSampleId :

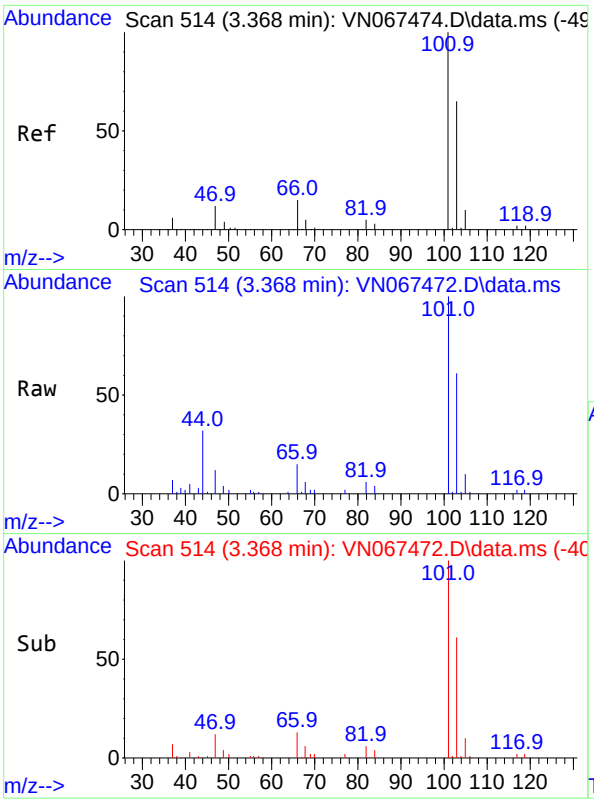


#6
Chloroethane
Concen: 6.03 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 64 Resp: 15724

Ion	Ratio	Lower	Upper
64	100		
66	27.3	24.7	37.1

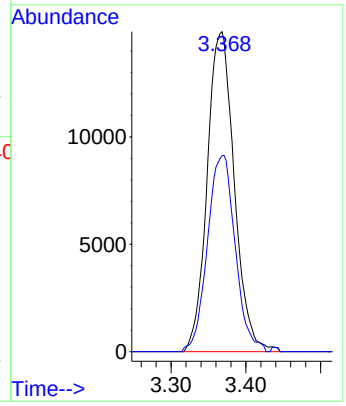




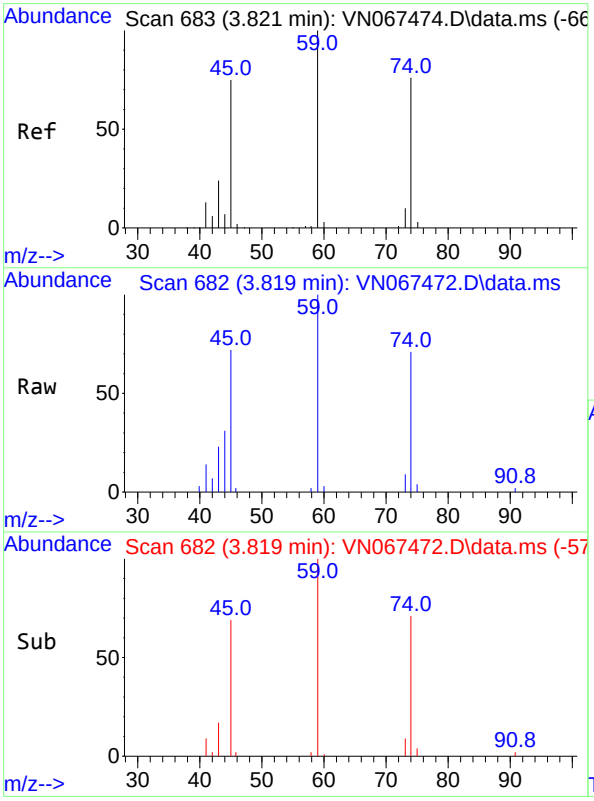
#7
Trichlorofluoromethane
Concen: 6.33 ug/l
RT: 3.368 min Scan# 514
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:101 Resp: 37589

Ion	Ratio	Lower	Upper
101	100		
103	61.2	51.2	76.8



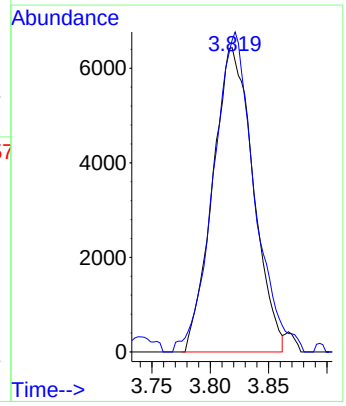
Instrument :
MSVOA_N
ClientSampleId :

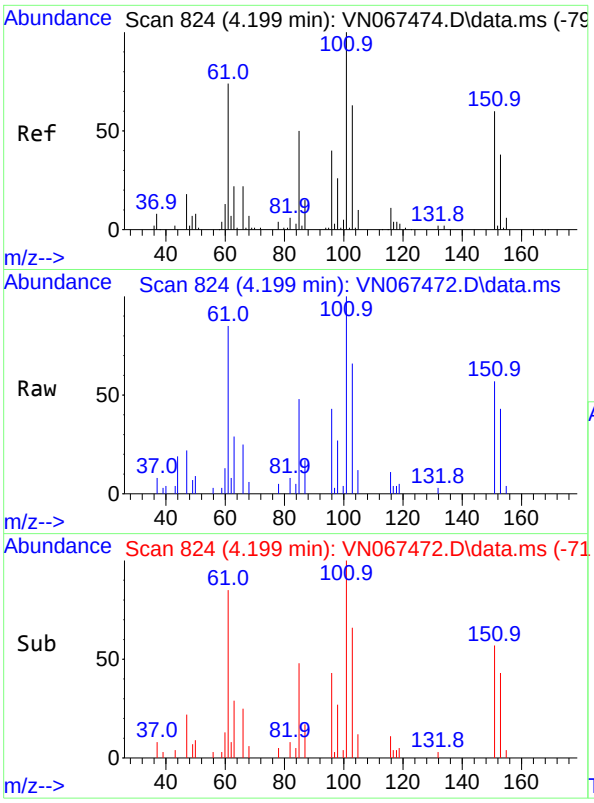


#8
Diethyl Ether
Concen: 6.45 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 74 Resp: 15535

Ion	Ratio	Lower	Upper
74	100		
45	106.5	50.2	150.7

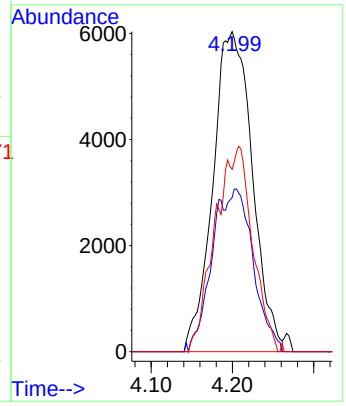




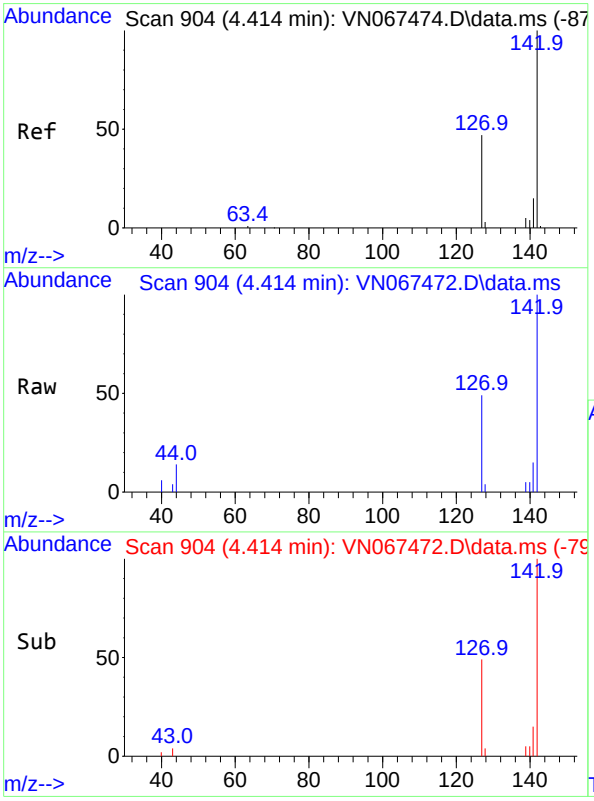
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.81 ug/l
RT: 4.199 min Scan# 824
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:101 Resp: 20328

Ion	Ratio	Lower	Upper
101	100		
85	20.0	39.6	59.4#
151	30.0	54.1	81.1#



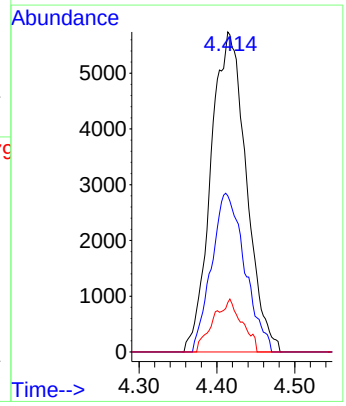
Instrument :
MSVOA_N
ClientSampleId :

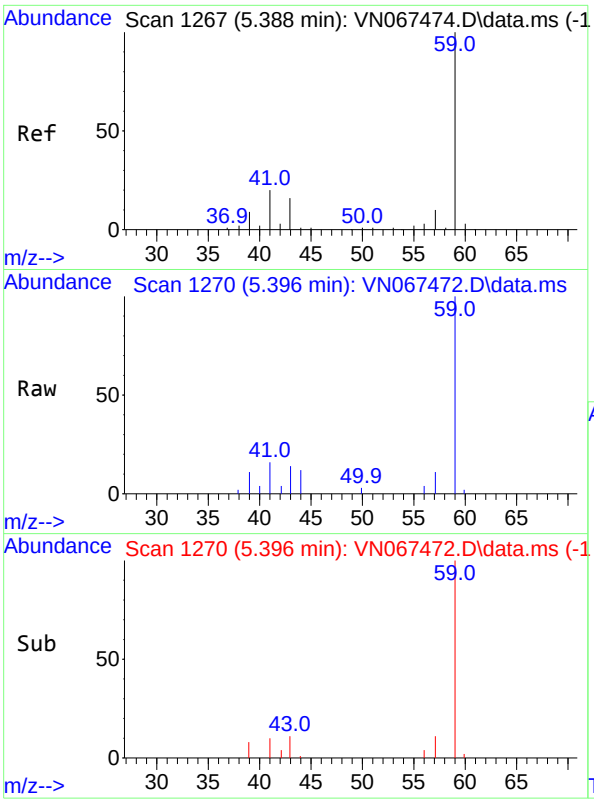


#10
Methyl Iodide
Concen: 5.54 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:142 Resp: 18060

Ion	Ratio	Lower	Upper
142	100		
127	46.8	43.1	64.7
141	4.4	11.4	17.0#

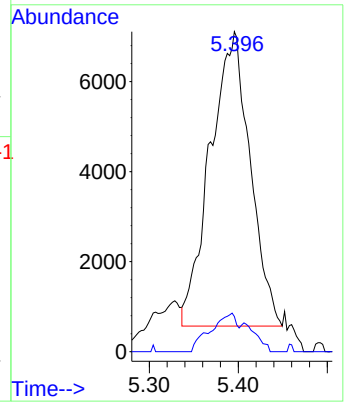




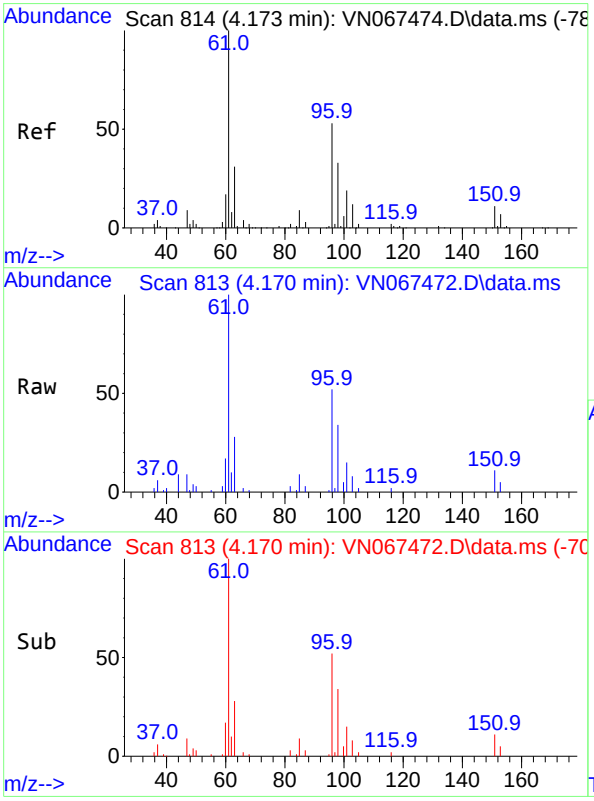
#11
Tert butyl alcohol
Concen: 22.62 ug/l
RT: 5.396 min Scan# 1270
Delta R.T. 0.008 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 59 Resp: 20358

Ion	Ratio	Lower	Upper
59	100		
57	8.7	8.7	13.1#



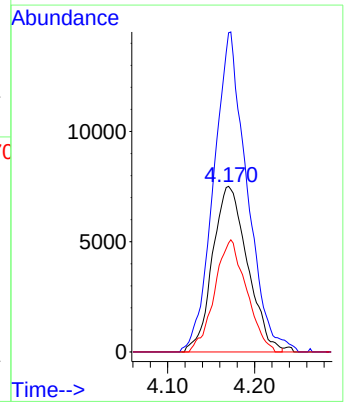
Instrument :
MSVOA_N
ClientSampleId :

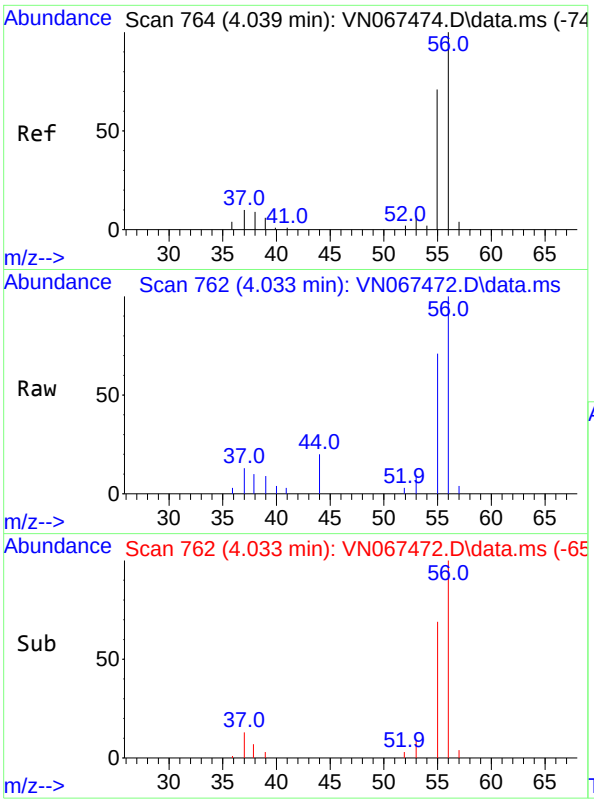


#12
1,1-Dichloroethene
Concen: 6.16 ug/l
RT: 4.170 min Scan# 813
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 96 Resp: 20975

Ion	Ratio	Lower	Upper
96	100		
61	190.5	152.6	229.0
98	65.8	50.9	76.3

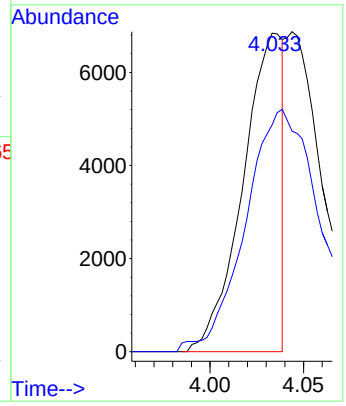




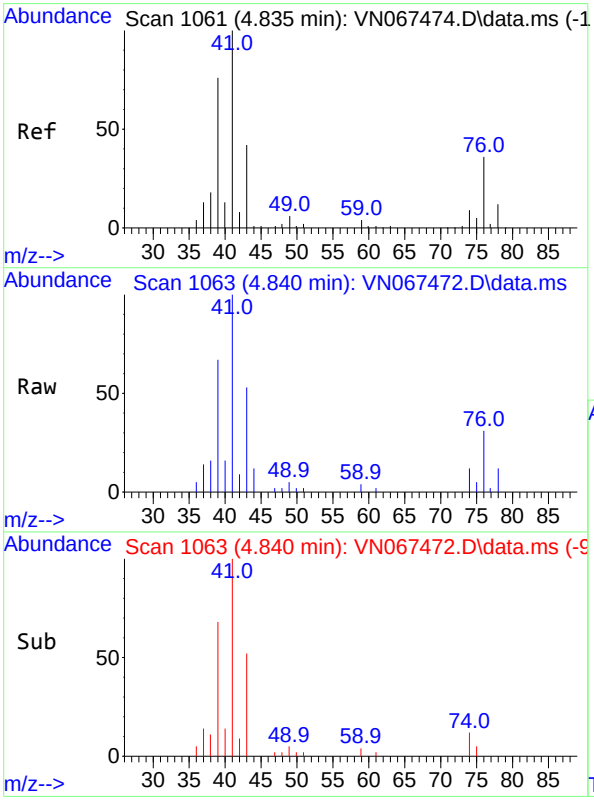
#13
Acrolein
Concen: 16.57 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 56 Resp: 10108

Ion	Ratio	Lower	Upper
56	100		
55	148.6	57.4	86.0#



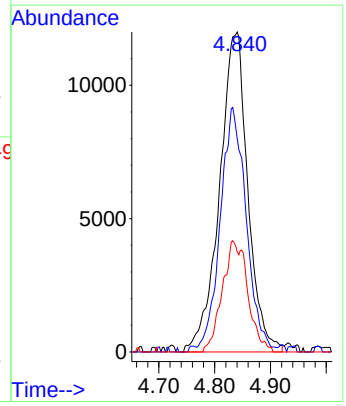
Instrument :
MSVOA_N
ClientSampleId :

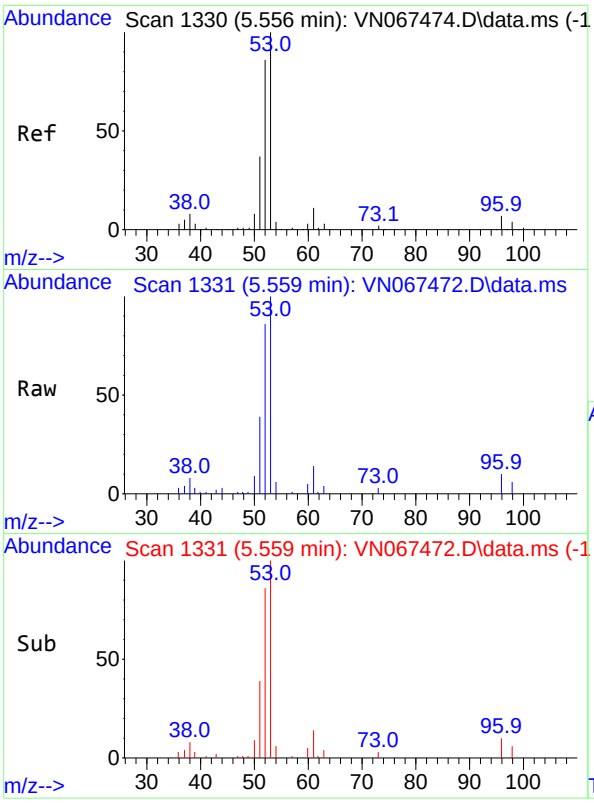


#14
Allyl chloride
Concen: 5.64 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.005 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 41 Resp: 42351

Ion	Ratio	Lower	Upper
41	100		
39	66.7	60.9	91.3
76	19.7	24.3	36.5#

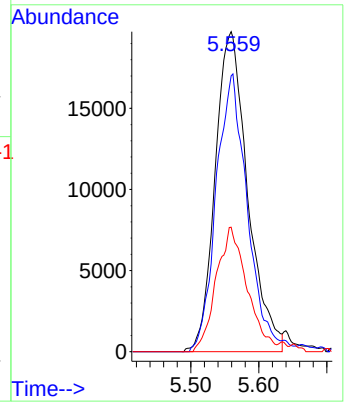




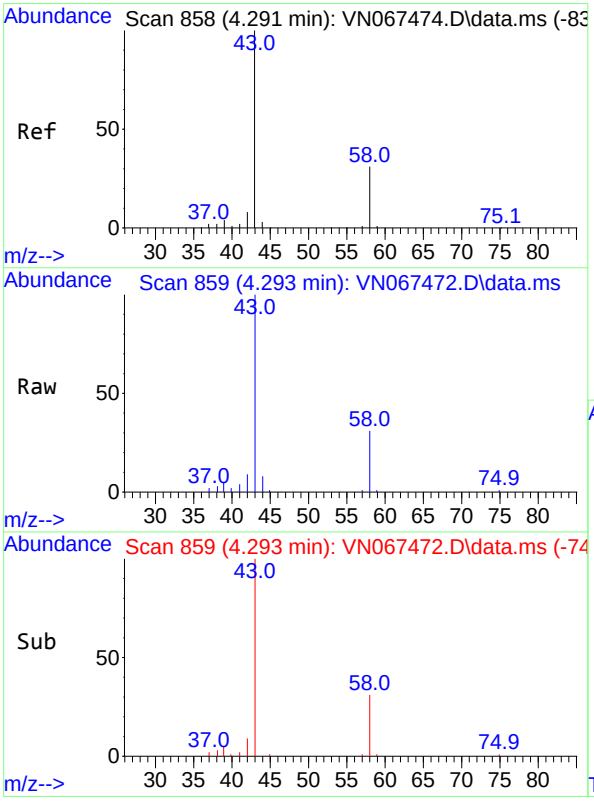
#15
Acrylonitrile
Concen: 32.07 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 53 Resp: 65468

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.2
51	37.1	30.2	45.4



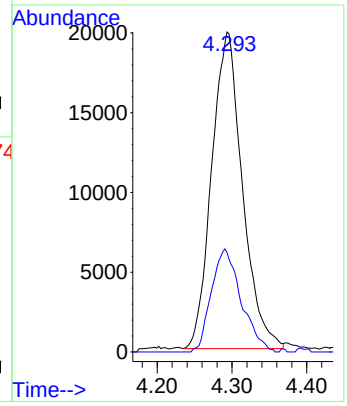
Instrument :
MSVOA_N
ClientSampleId :



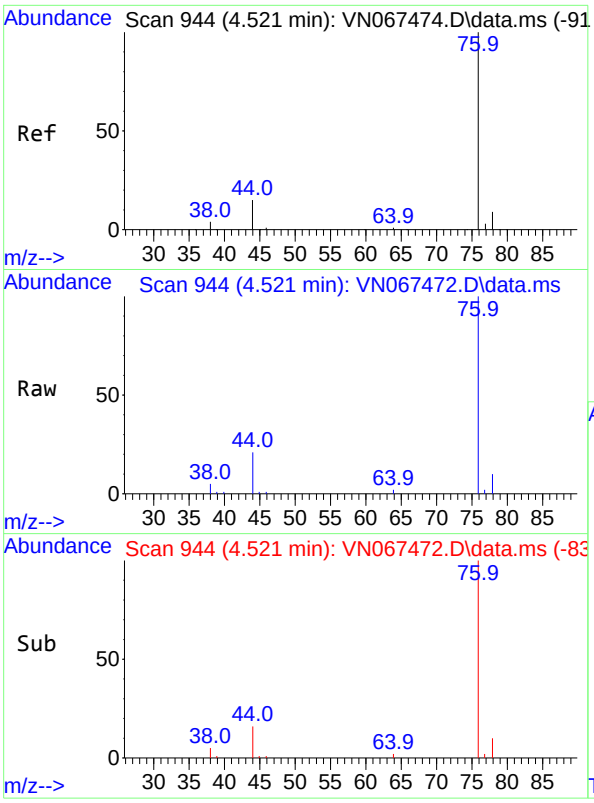
#16
Acetone
Concen: 26.81 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 56623

Ion	Ratio	Lower	Upper
43	100		
58	31.4	21.2	31.8



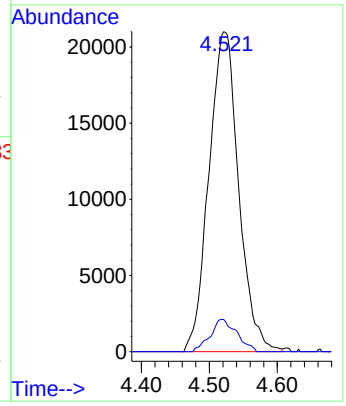
Instrument :
MSVOA_N
ClientSampleId :

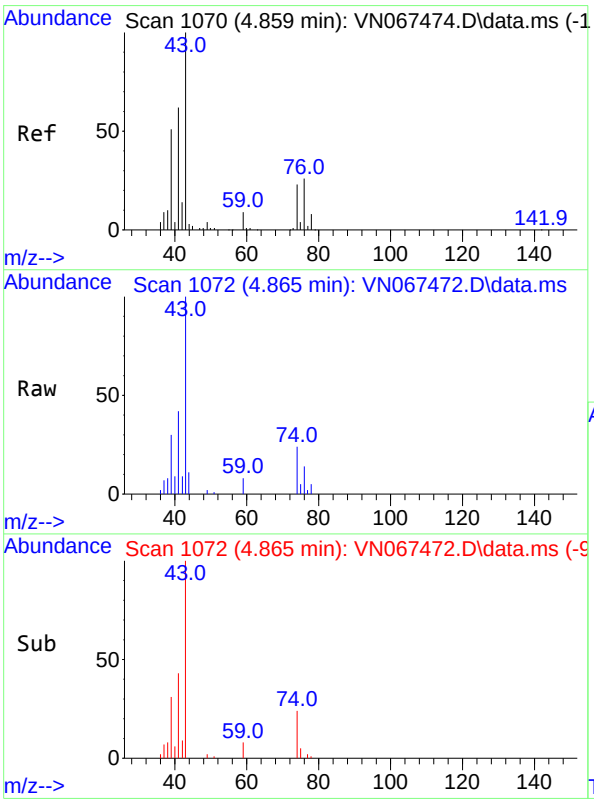


#17
Carbon Disulfide
Concen: 5.78 ug/l
RT: 4.521 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 76 Resp: 63910

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.7	11.5

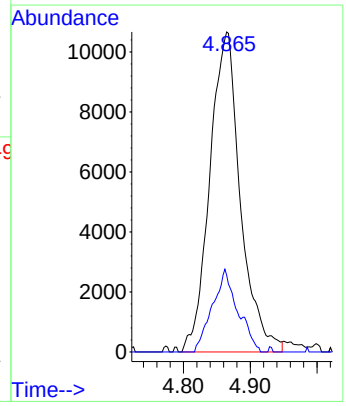


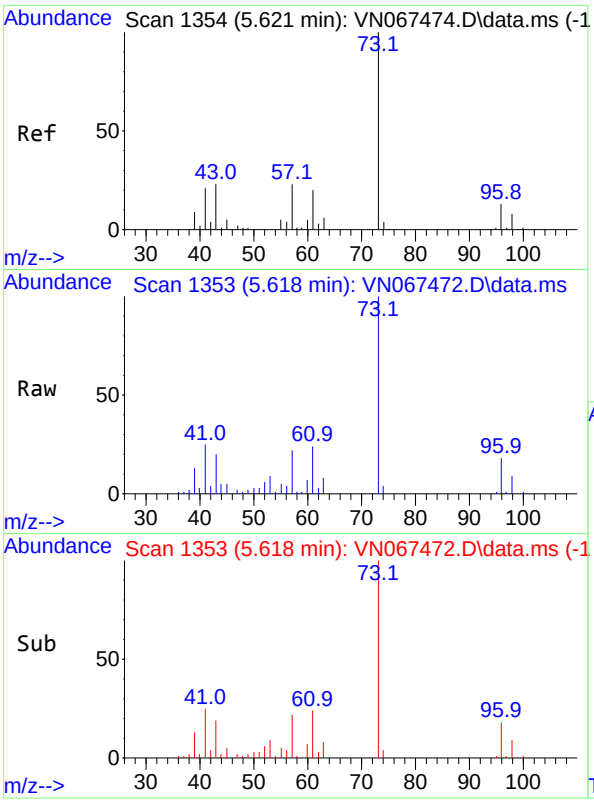


#18
Methyl Acetate
Concen: 6.54 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.005 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 33996

Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.4	26.0

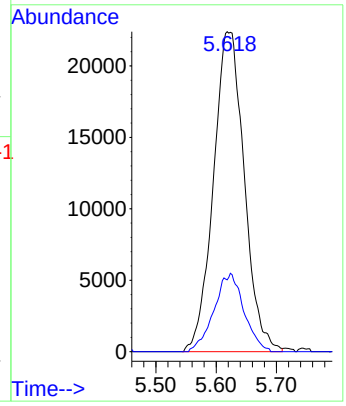




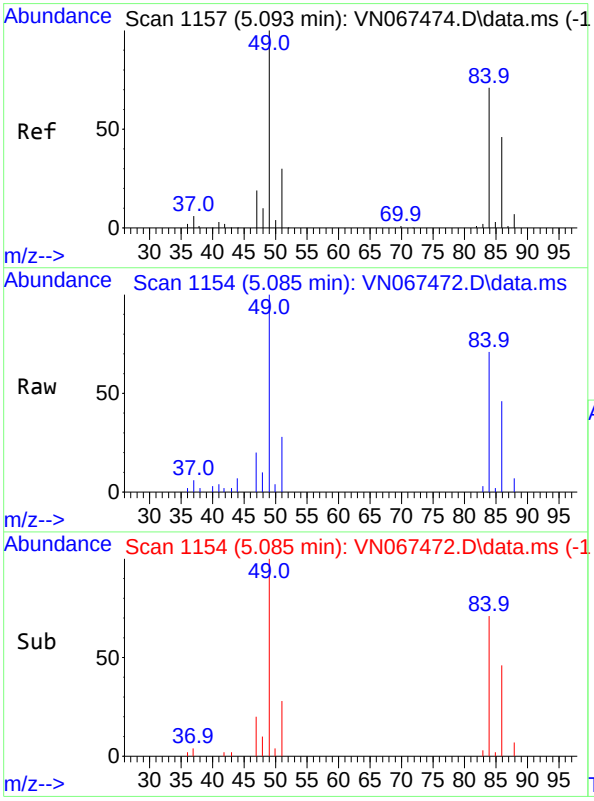
#19
Methyl tert-butyl Ether
Concen: 5.90 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 73 Resp: 79610

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.0	25.6



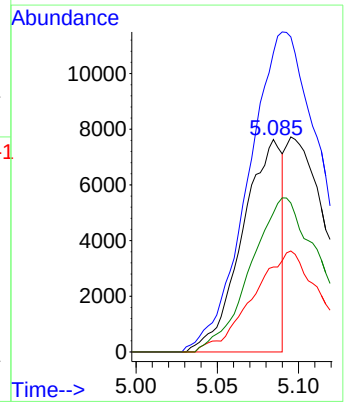
Instrument :
MSVOA_N
ClientSampleId :

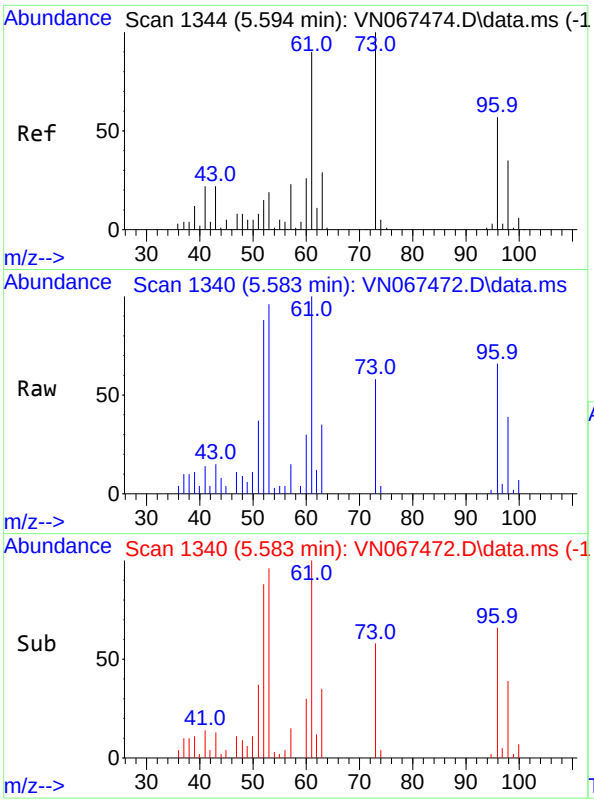


#20
Methylene Chloride
Concen: 2.87 ug/l
RT: 5.085 min Scan# 1154
Delta R.T. -0.008 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 84 Resp: 12922

Ion	Ratio	Lower	Upper
84	100		
49	140.8	110.9	166.3
51	40.0	32.6	49.0
86	65.4	51.6	77.4

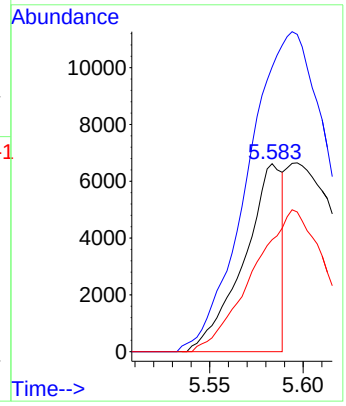




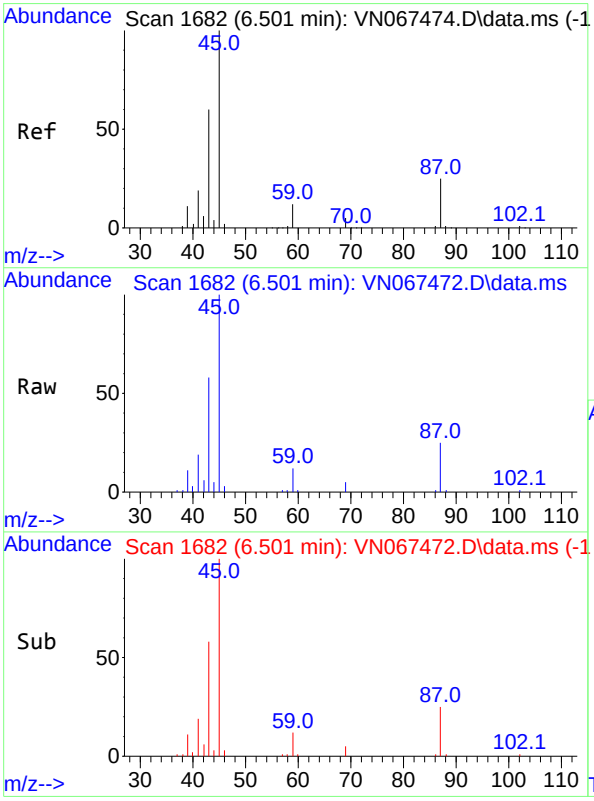
#21
trans-1,2-Dichloroethene
Concen: 2.53 ug/l
RT: 5.583 min Scan# 1340
Delta R.T. -0.011 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 96 Resp: 9482

Ion	Ratio	Lower	Upper
96	100		
61	148.4	123.5	185.3
98	59.6	48.6	72.8



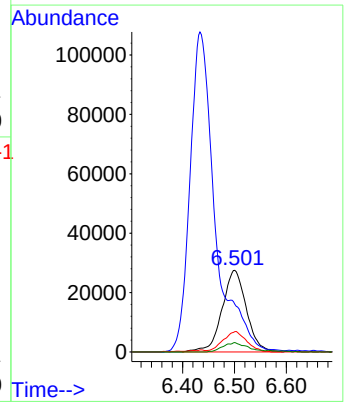
Instrument :
MSVOA_N
ClientSampleId :



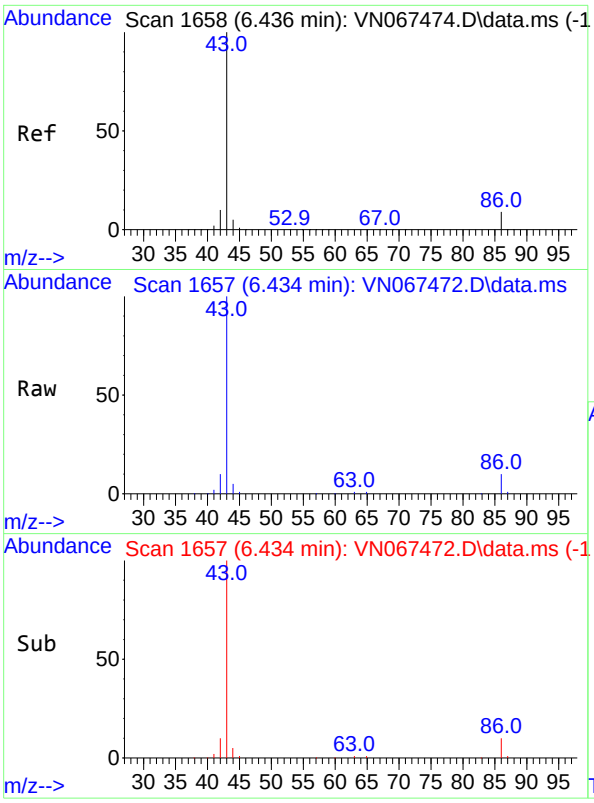
#22
Diisopropyl ether
Concen: 6.35 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 45 Resp: 89310

Ion	Ratio	Lower	Upper
45	100		
43	56.6	49.4	74.2
87	24.8	20.9	31.3
59	11.6	9.0	13.4



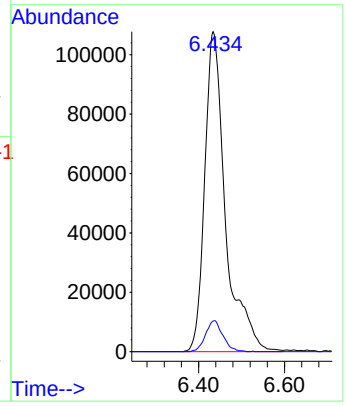
Instrument :
MSVOA_N
ClientSampleId :

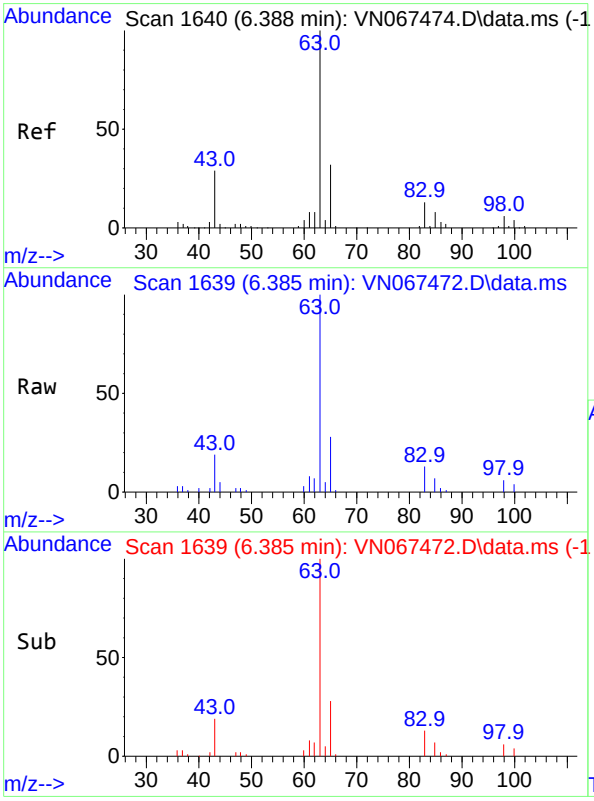


#23
Vinyl Acetate
Concen: 28.44 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 361973

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.3	10.9

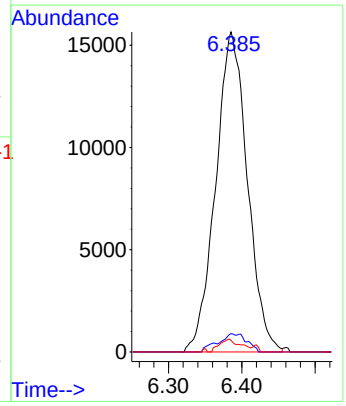


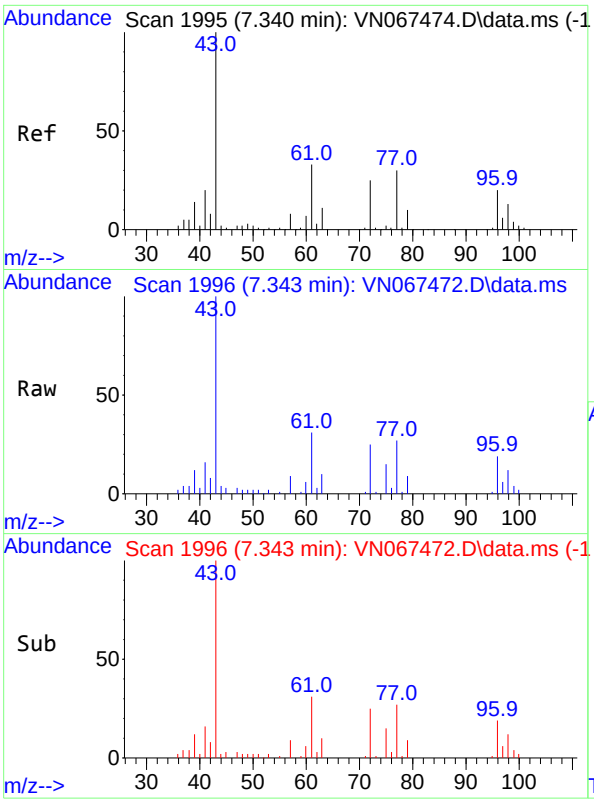


#24
1,1-Dichloroethane
Concen: 6.00 ug/l
RT: 6.385 min Scan# 1639
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 63 Resp: 47046

Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.0	9.0
100	3.7	1.9	5.7

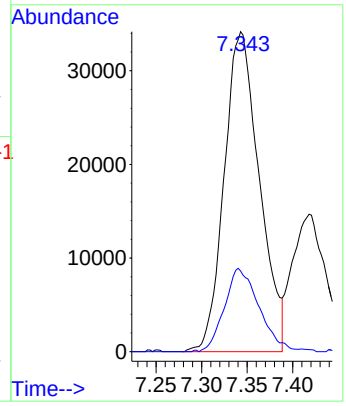




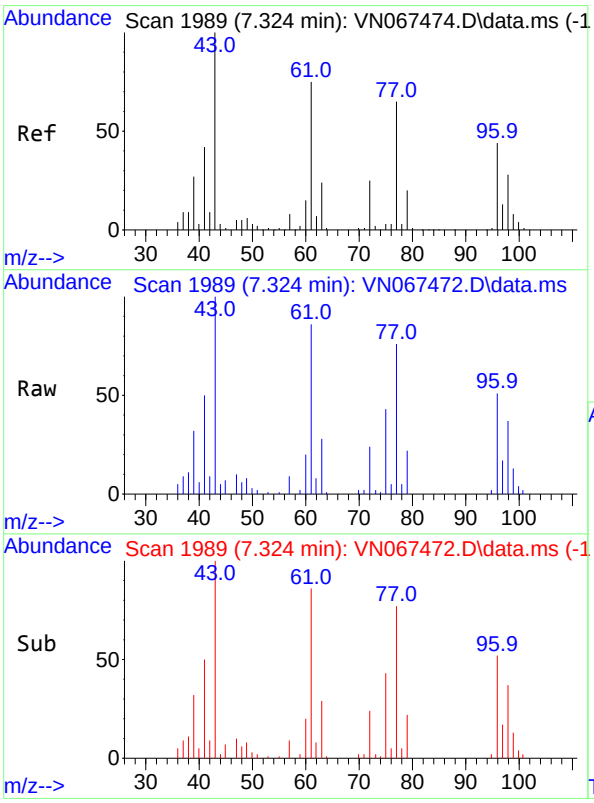
#25
2-Butanone
Concen: 30.06 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 91739

Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.7	29.5



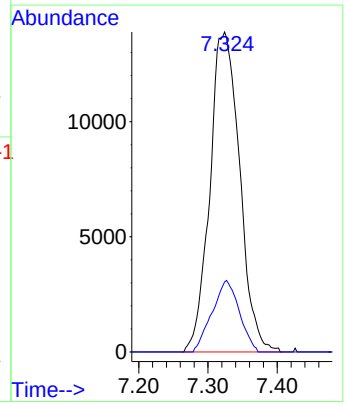
Instrument :
MSVOA_N
ClientSampleId :



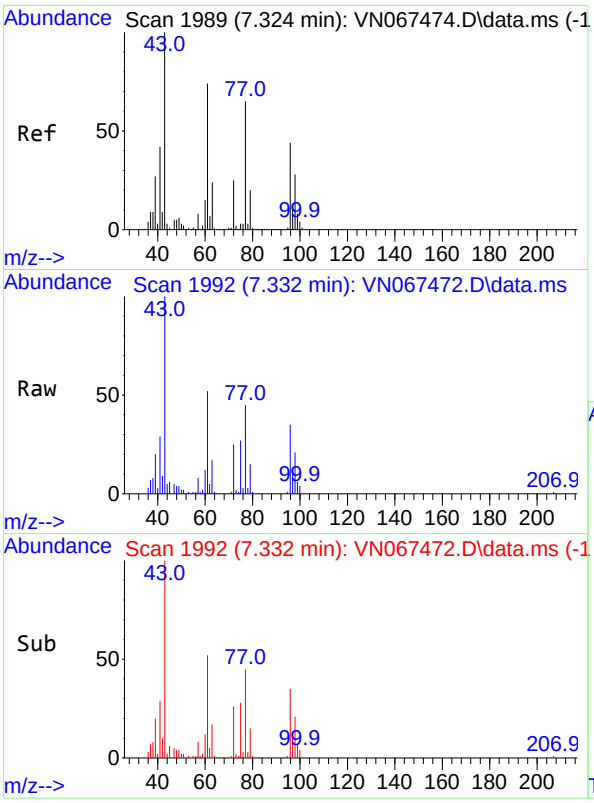
#26
2,2-Dichloropropane
Concen: 5.37 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 77 Resp: 41542

Ion	Ratio	Lower	Upper
77	100		
97	20.4	9.8	29.3



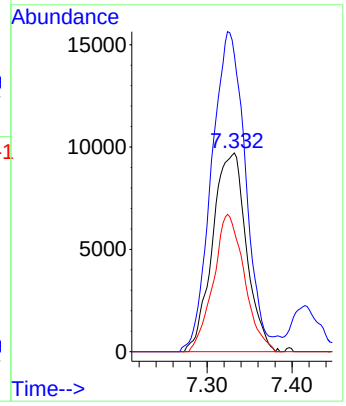
Instrument :
MSVOA_N
ClientSampleId :

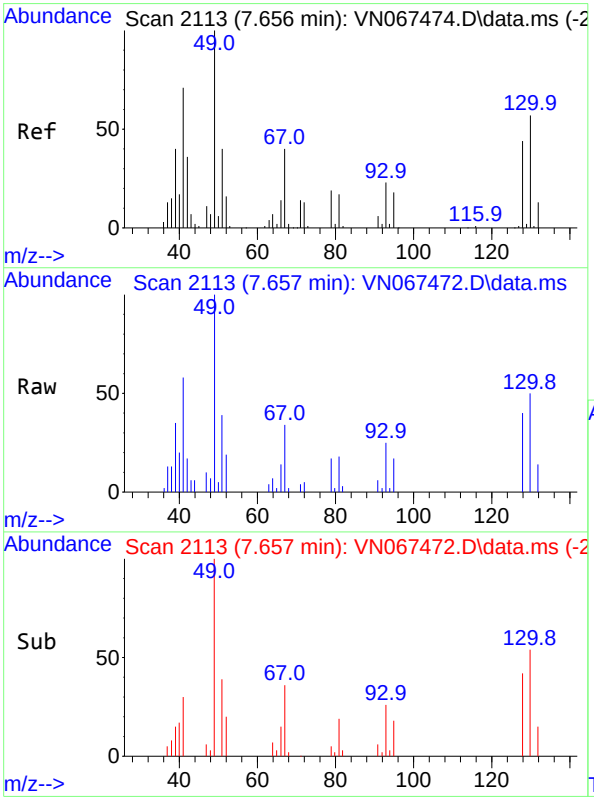


#27
cis-1,2-Dichloroethene
Concen: 6.07 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.008 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 96 Resp: 26874

Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	338.8
98	63.4	0.0	129.8

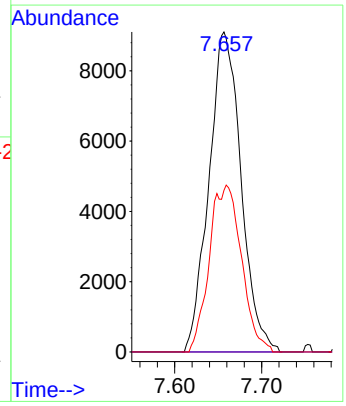




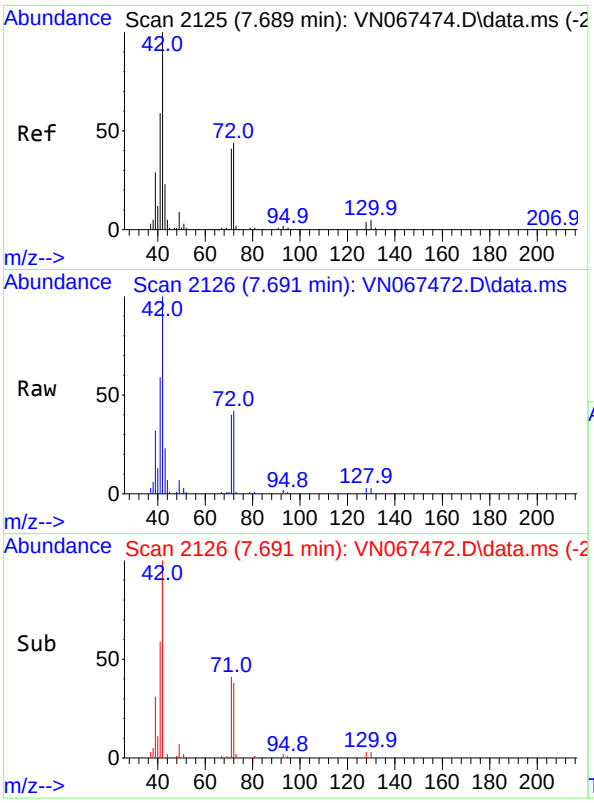
#28
Bromochloromethane
Concen: 6.36 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 49 Resp: 23408

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	22.1	49.7	74.5#



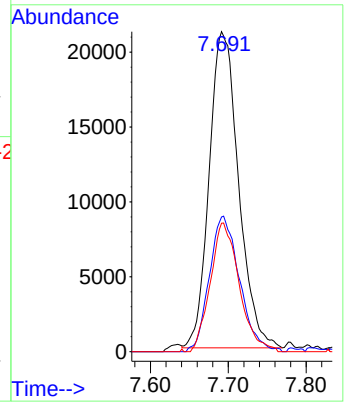
Instrument :
MSVOA_N
ClientSampleId :

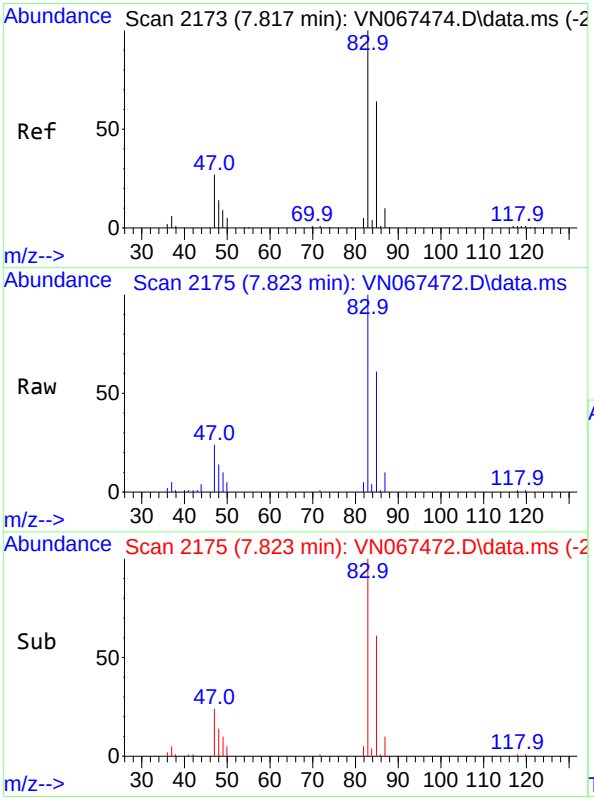


#29
Tetrahydrofuran
Concen: 28.68 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 42 Resp: 55365

Ion	Ratio	Lower	Upper
42	100		
72	43.7	32.8	49.2
71	40.0	31.2	46.8

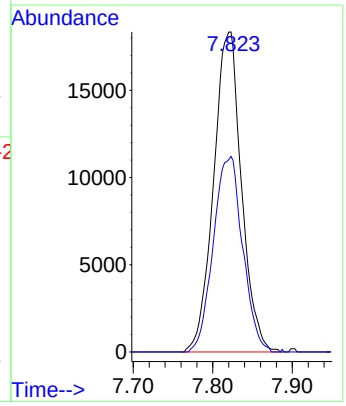


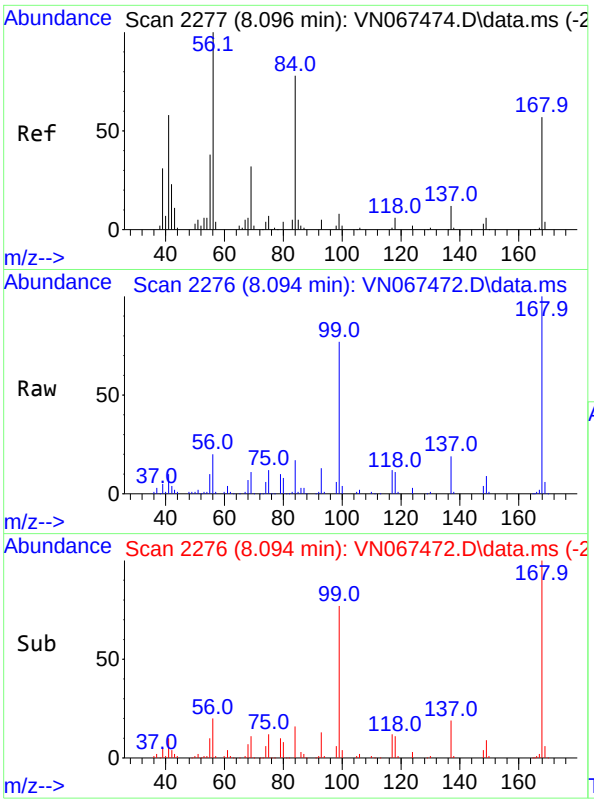


#30
Chloroform
Concen: 5.51 ug/l
RT: 7.823 min Scan# 2175
Delta R.T. 0.005 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 83 Resp: 44736

Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.5	77.3

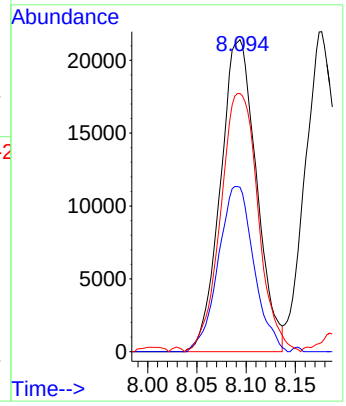




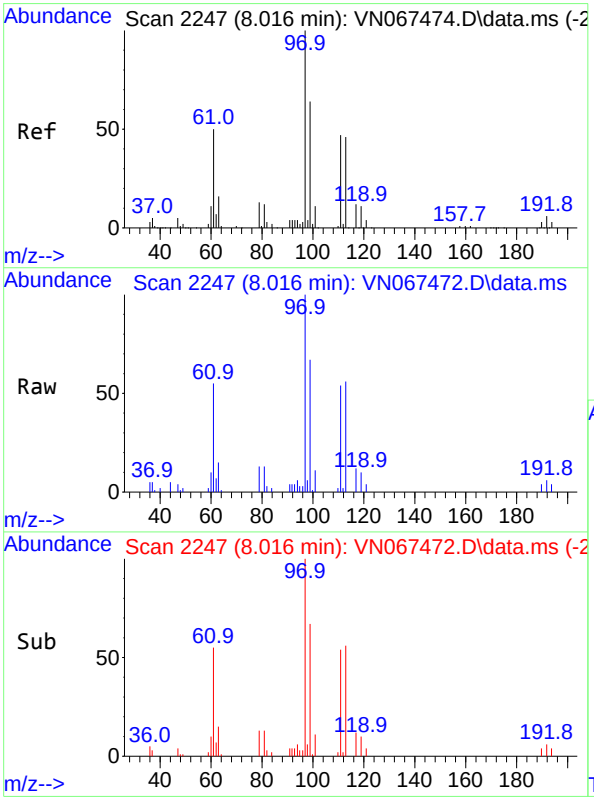
#31
Cyclohexane
Concen: 7.09 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 56 Resp: 54572

Ion	Ratio	Lower	Upper
56	100		
69	52.8	27.3	40.9#
84	82.0	64.9	97.3



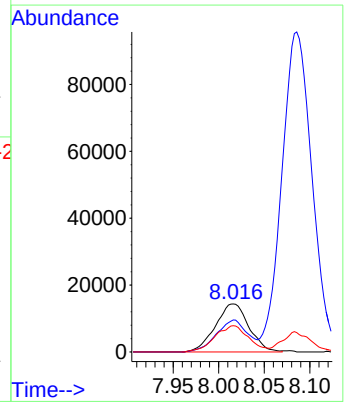
Instrument :
MSVOA_N
ClientSampleId :

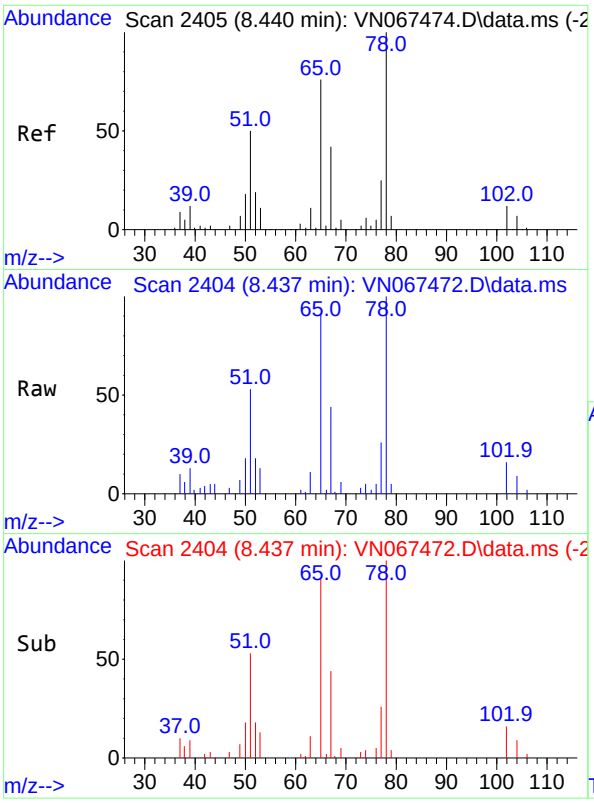


#32
1,1,1-Trichloroethane
Concen: 5.02 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 97 Resp: 36750

Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.2	75.2
61	55.5	38.2	57.2

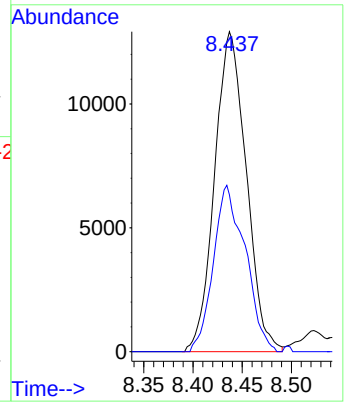




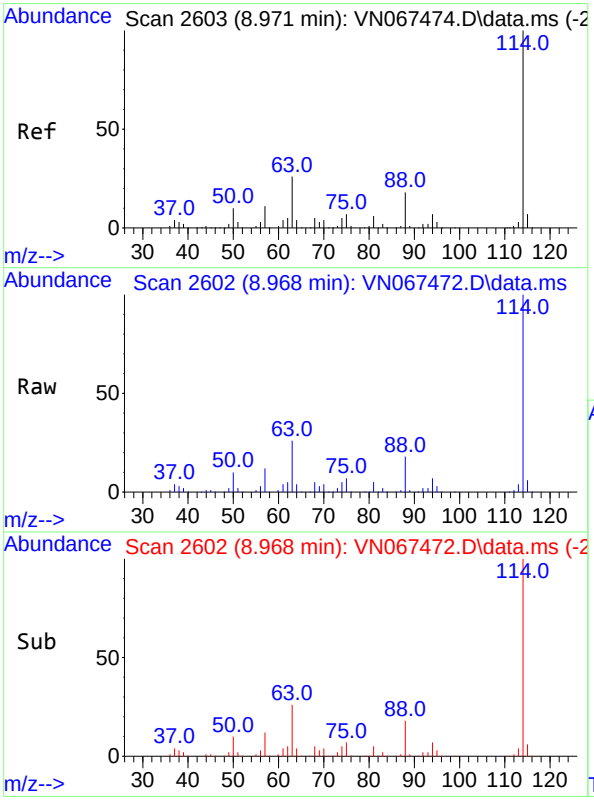
#33
1,2-Dichloroethane-d4
Concen: 5.29 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 65 Resp: 28926

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	98.6



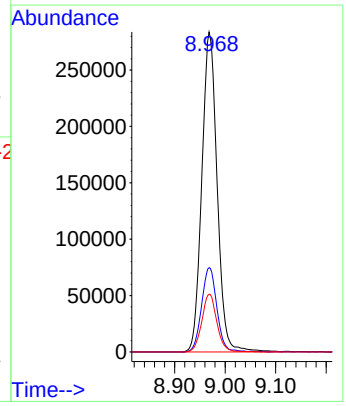
Instrument :
MSVOA_N
ClientSampleId :

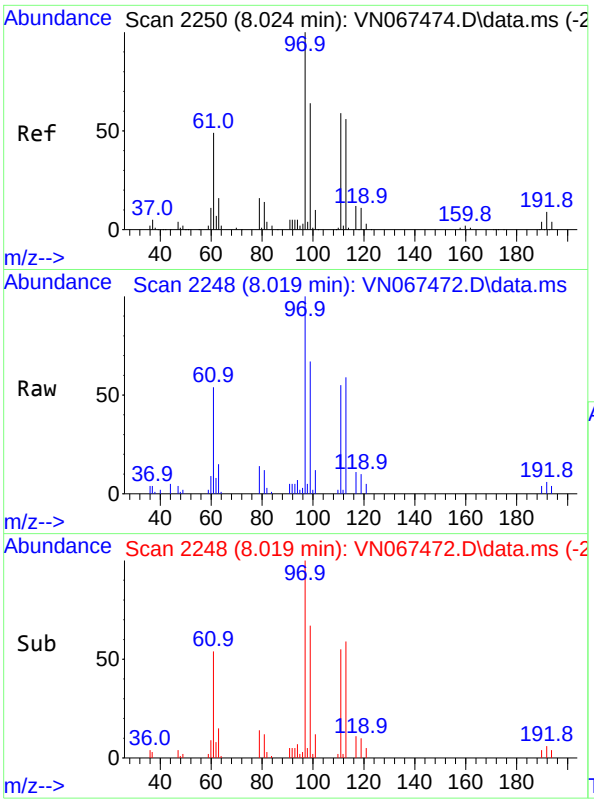


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:114 Resp: 597817

Ion	Ratio	Lower	Upper
114	100		
63	26.4	0.0	49.0
88	18.1	0.0	36.6

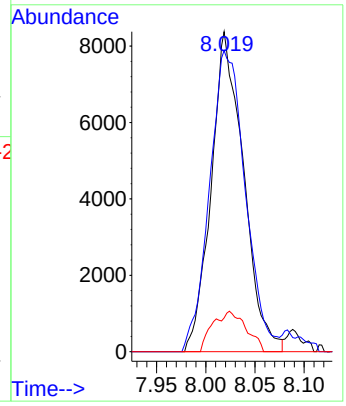




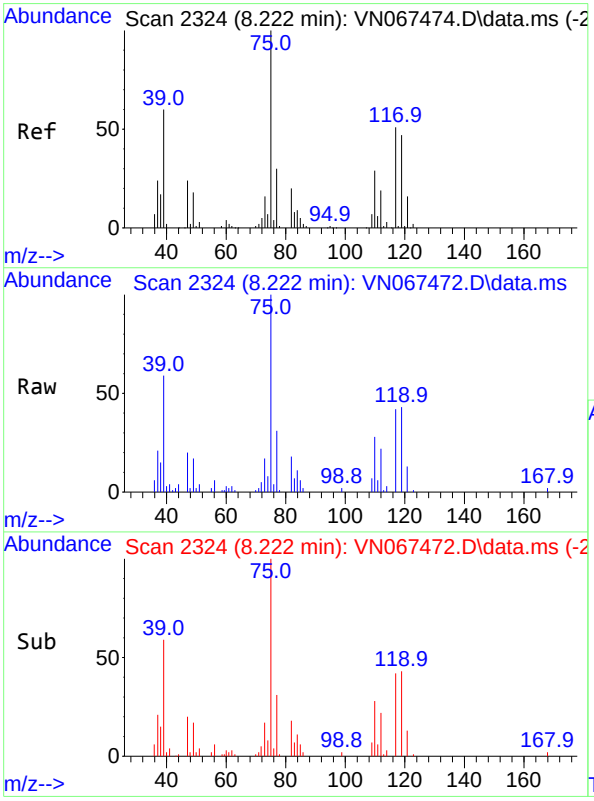
#35
Dibromofluoromethane
Concen: 4.91 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:113 Resp: 19163

Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.8	125.8
192	13.1	13.4	20.0#



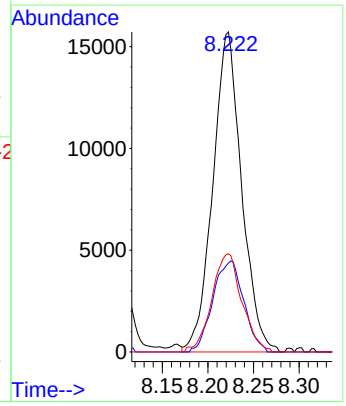
Instrument :
MSVOA_N
ClientSampleId :

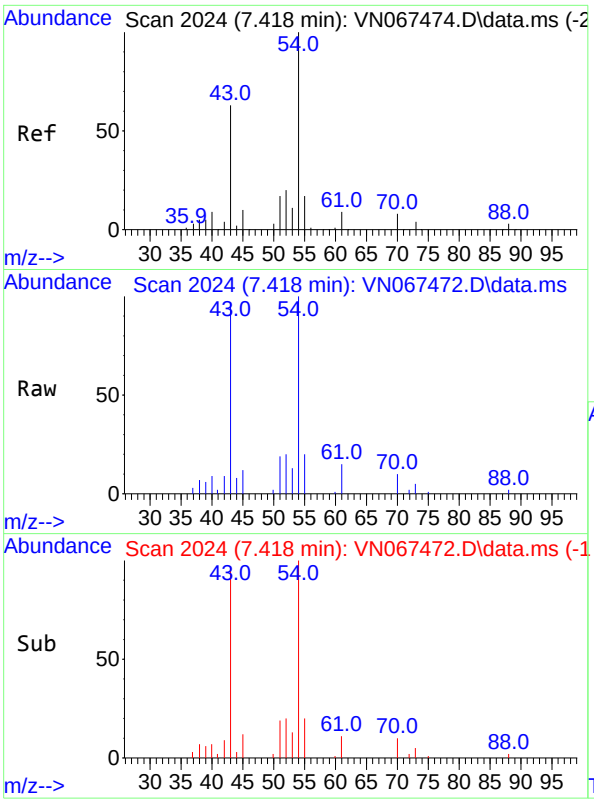


#36
1,1-Dichloropropene
Concen: 5.13 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 75 Resp: 34549

Ion	Ratio	Lower	Upper
75	100		
110	30.4	15.7	47.0
77	32.1	24.6	37.0

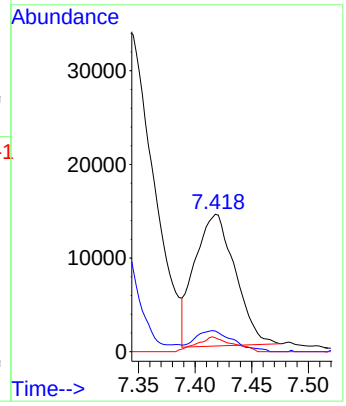




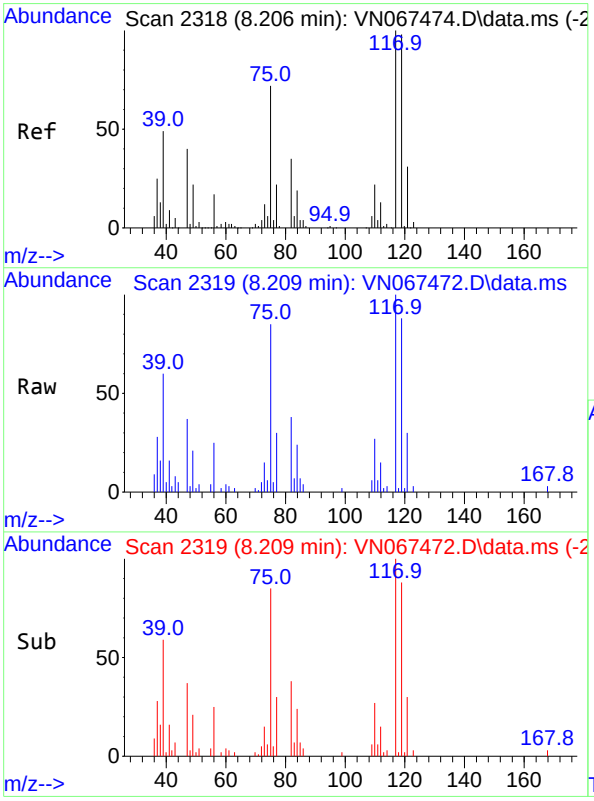
#37
Ethyl Acetate
Concen: 4.90 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 34960

Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.6	16.0
70	9.9	8.1	12.1



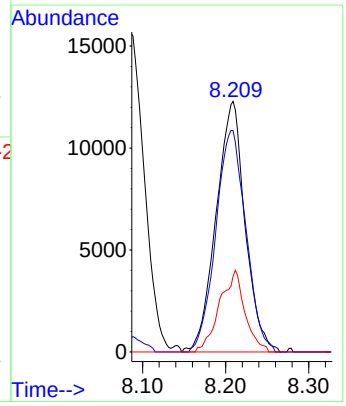
Instrument :
MSVOA_N
ClientSampleId :

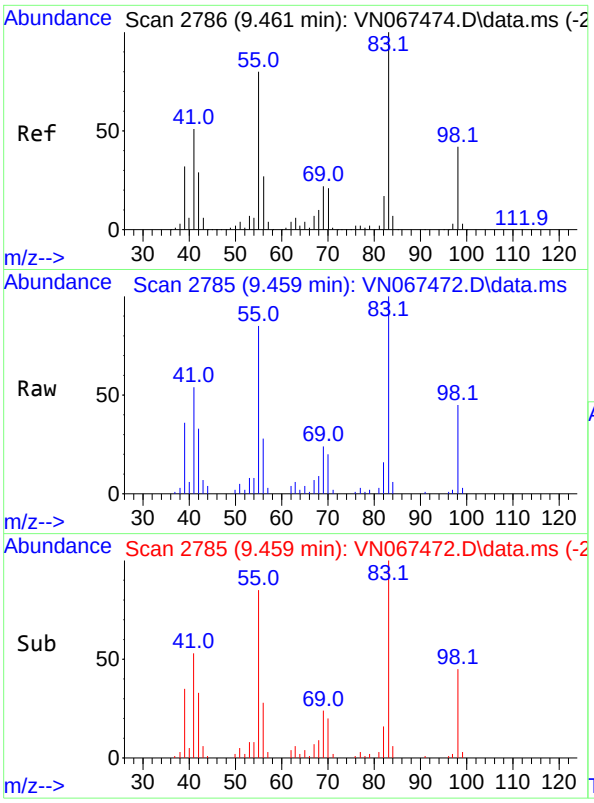


#38
Carbon Tetrachloride
Concen: 4.27 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:117 Resp: 29773

Ion	Ratio	Lower	Upper
117	100		
119	88.3	75.4	113.2
121	30.1	23.5	35.3

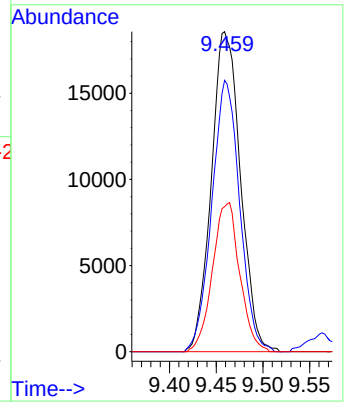




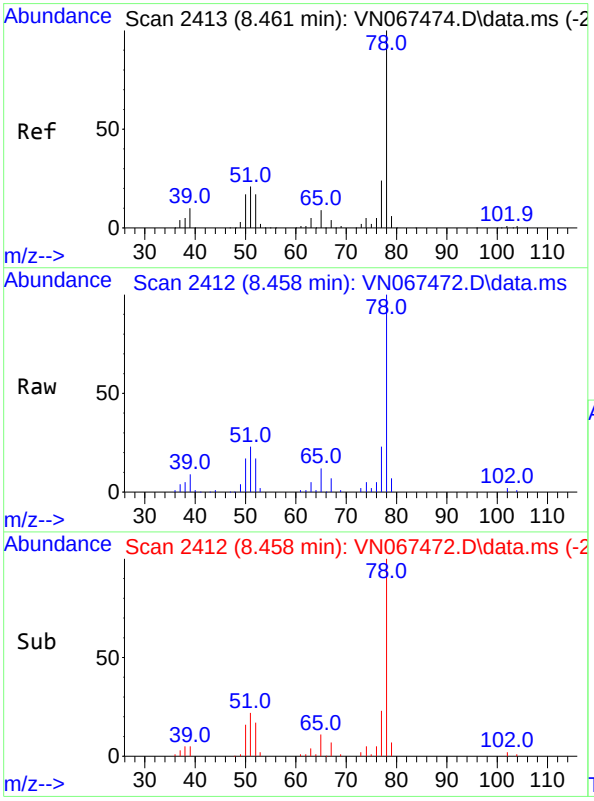
#39
Methylcyclohexane
Concen: 5.64 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 83 Resp: 40424

Ion	Ratio	Lower	Upper
83	100		
55	84.8	66.6	99.8
98	45.3	35.3	52.9



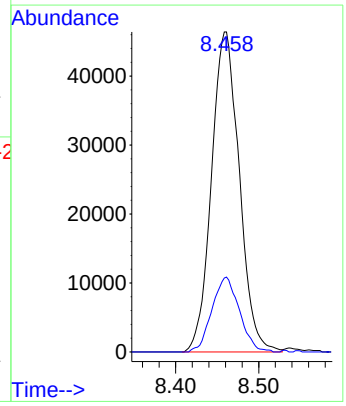
Instrument :
MSVOA_N
ClientSampleId :



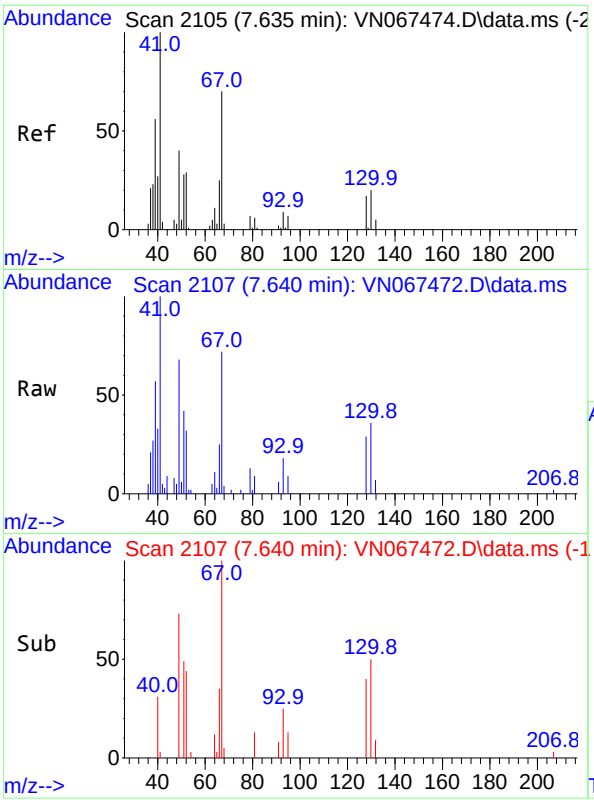
#40
Benzene
Concen: 5.71 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 78 Resp: 107920

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3



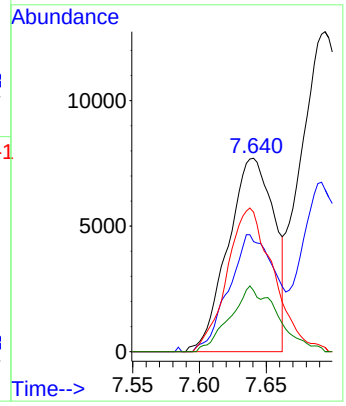
Instrument :
MSVOA_N
ClientSampleId :

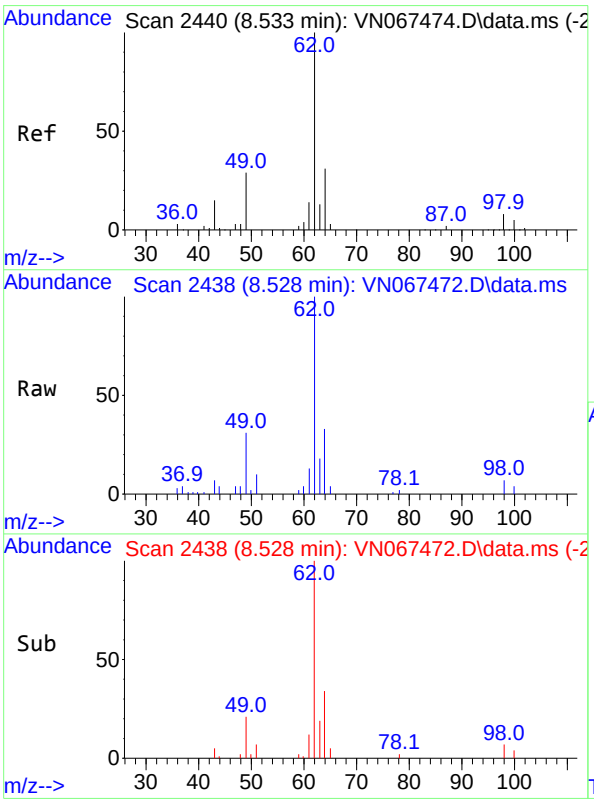


#41
Methacrylonitrile
Concen: 5.05 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.005 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 41 Resp: 18530

Ion	Ratio	Lower	Upper
41	100		
39	60.6	47.6	71.4
67	74.9	57.7	86.5
52	34.9	26.2	39.4

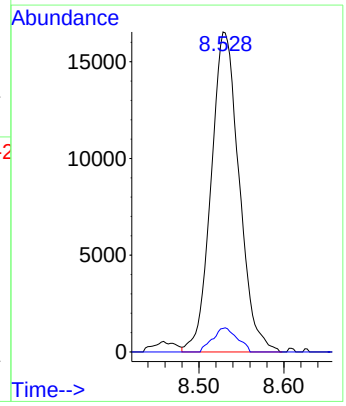


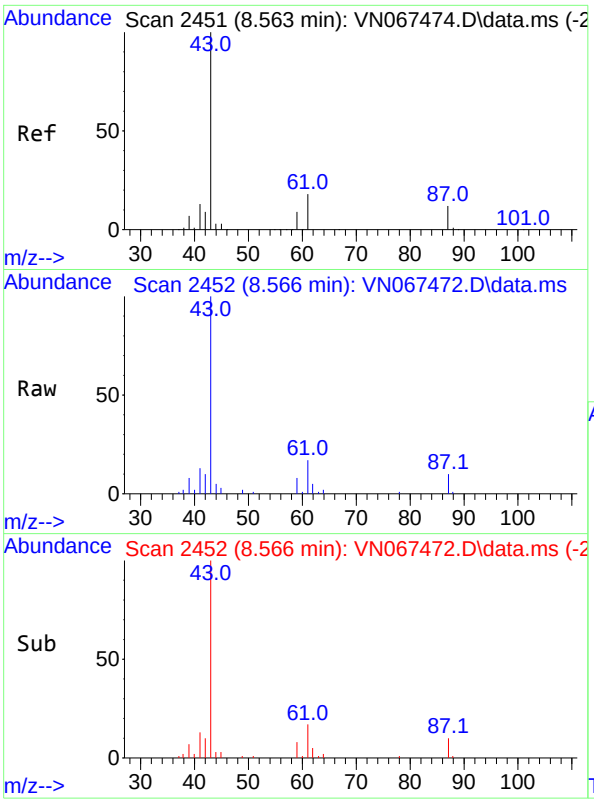


#42
1,2-Dichloroethane
Concen: 4.87 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.005 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 62 Resp: 37882

Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	14.2

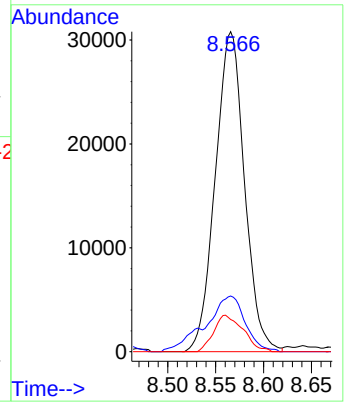




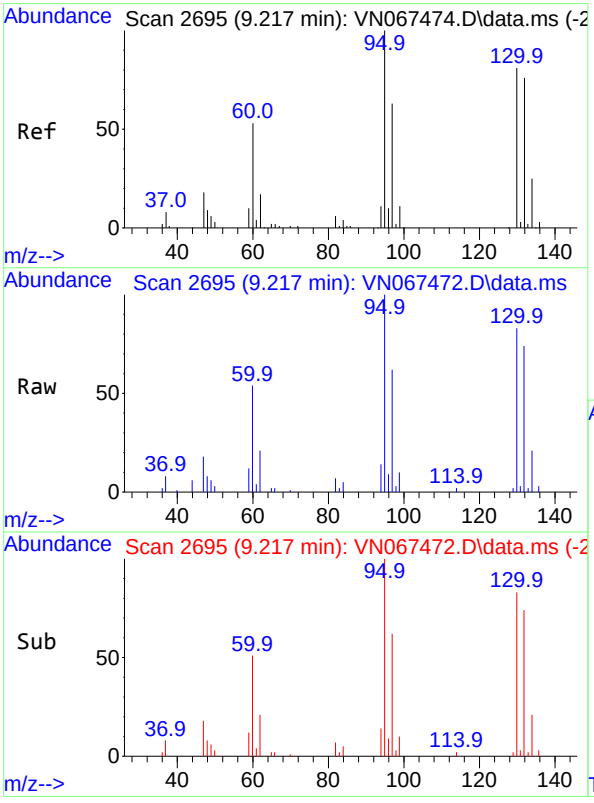
#43
Isopropyl Acetate
Concen: 5.13 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 65194

Ion	Ratio	Lower	Upper
43	100		
61	19.0	19.0	28.4
87	11.6	9.5	14.3



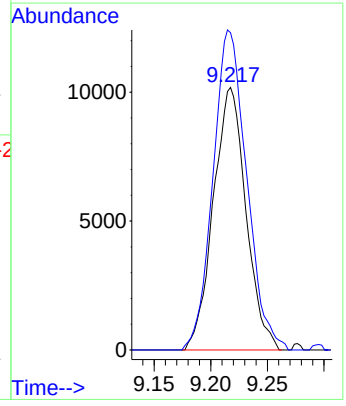
Instrument :
MSVOA_N
ClientSampleId :

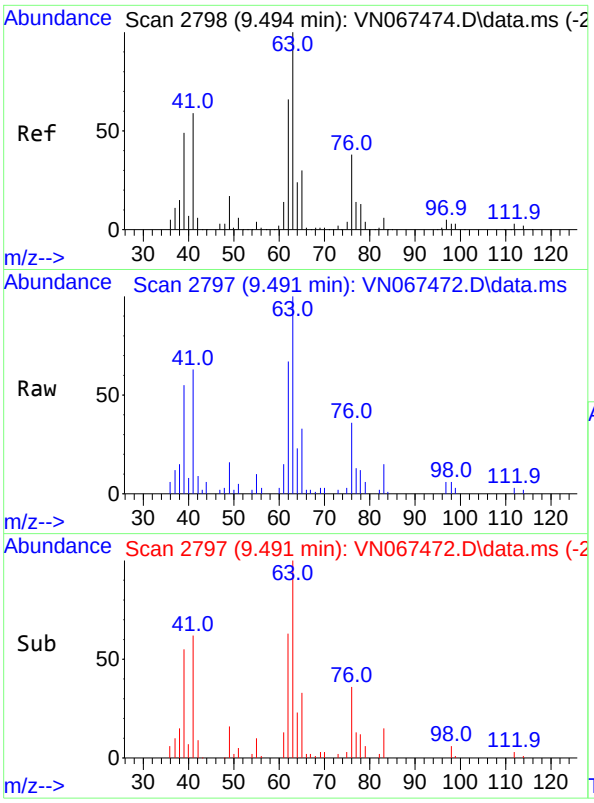


#44
Trichloroethene
Concen: 4.75 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:130 Resp: 20401

Ion	Ratio	Lower	Upper
130	100		
95	120.8	0.0	234.4

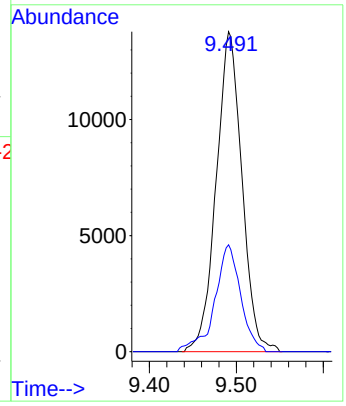




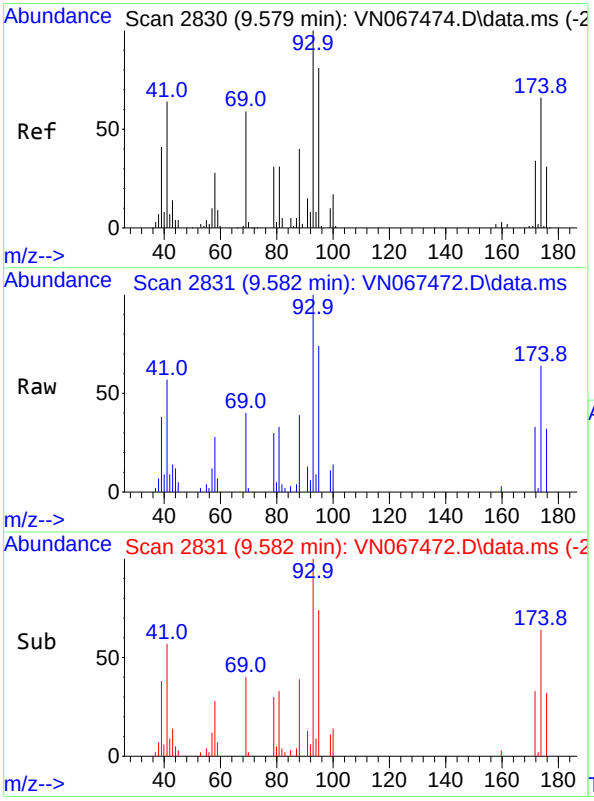
#45
1,2-Dichloropropane
Concen: 5.58 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 63 Resp: 28351

Ion	Ratio	Lower	Upper
63	100		
65	33.4	24.3	36.5



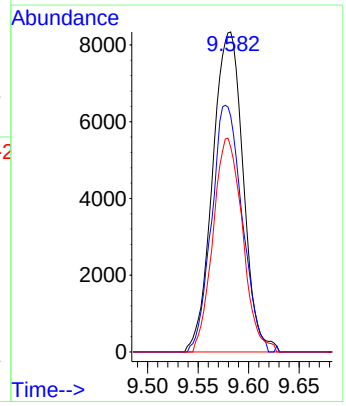
Instrument :
MSVOA_N
ClientSampleId :

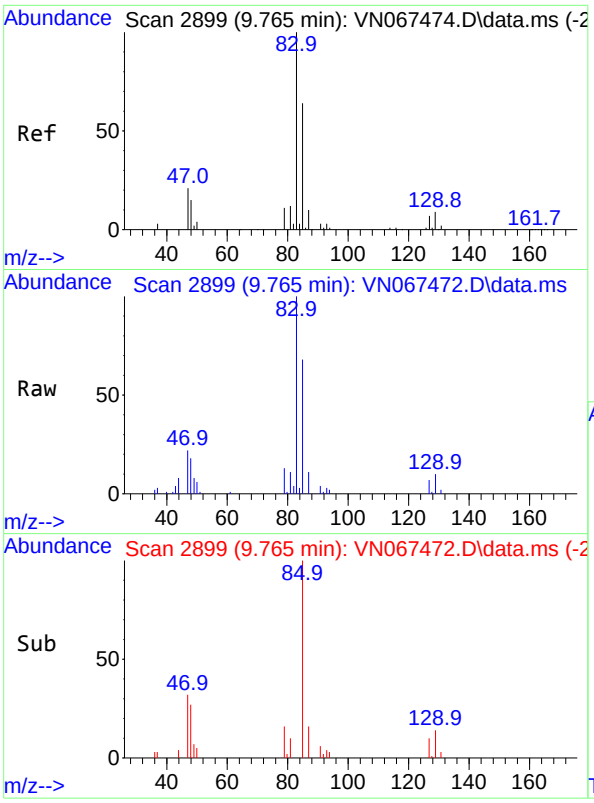


#46
Dibromomethane
Concen: 5.18 ug/l
RT: 9.582 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 93 Resp: 17525

Ion	Ratio	Lower	Upper
93	100		
95	76.9	66.1	99.1
174	64.6	61.0	91.4

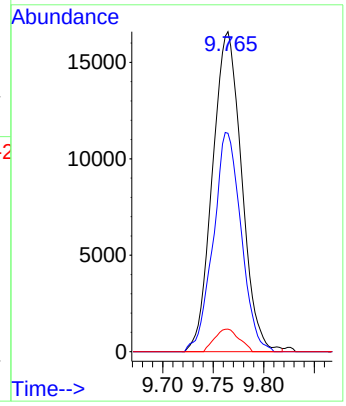




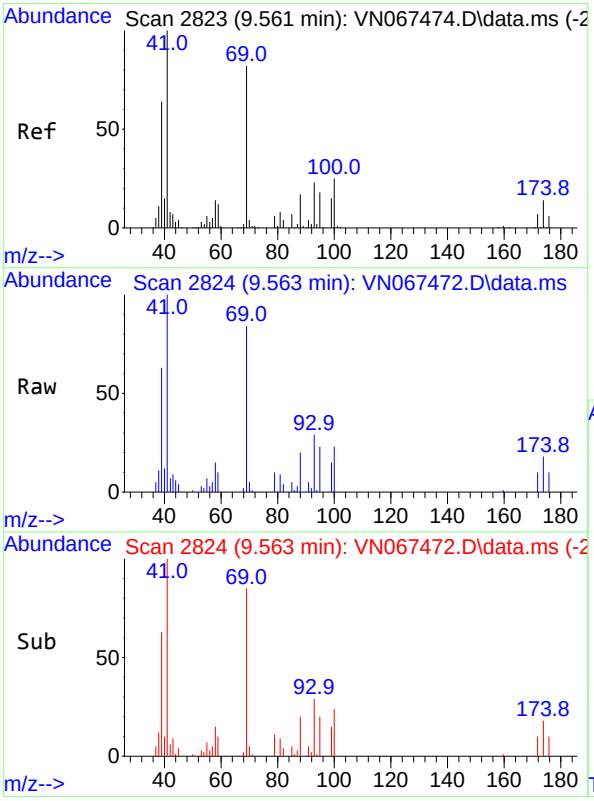
#47
Bromodichloromethane
Concen: 4.43 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 83 Resp: 33280

Ion	Ratio	Lower	Upper
83	100		
85	68.2	49.9	74.9
127	7.1	6.1	9.1



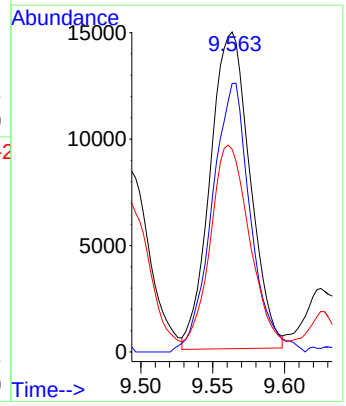
Instrument :
MSVOA_N
ClientSampleId :

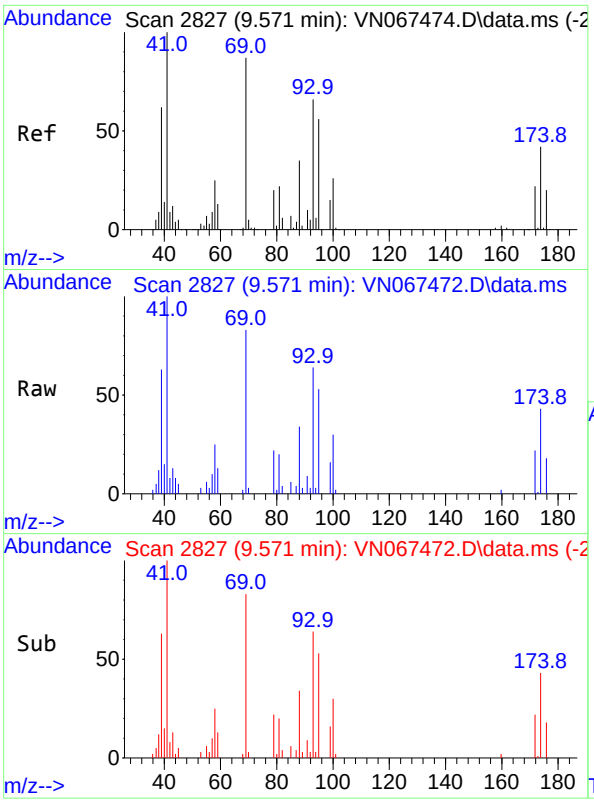


#48
Methyl methacrylate
Concen: 4.99 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 41 Resp: 28702

Ion	Ratio	Lower	Upper
41	100		
69	82.1	64.6	96.8
39	60.4	53.3	79.9

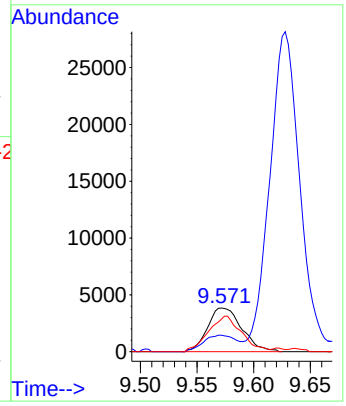




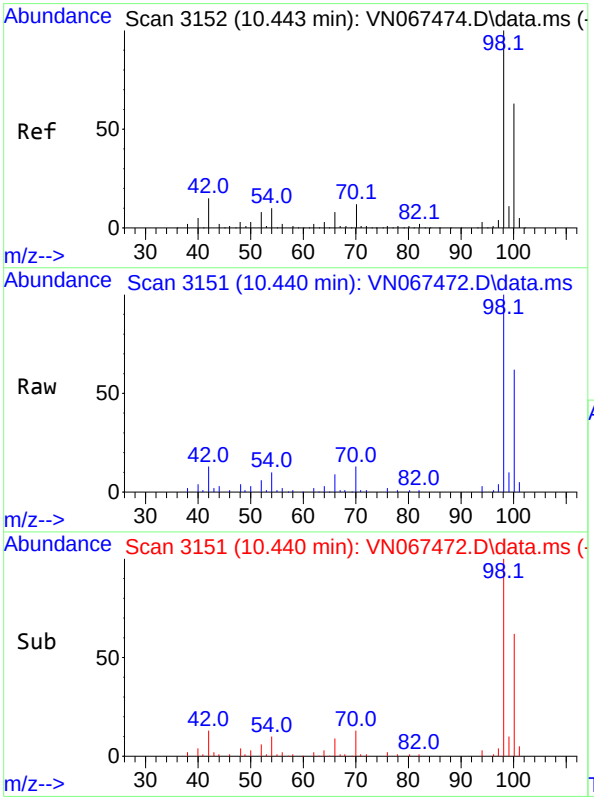
#49
1,4-Dioxane
Concen: 102.26 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 88 Resp: 8077

Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.8	43.2
58	78.4	60.4	90.6



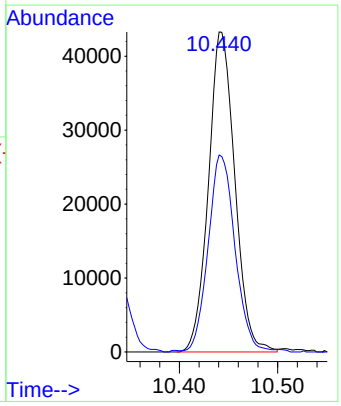
Instrument :
MSVOA_N
ClientSampleId :



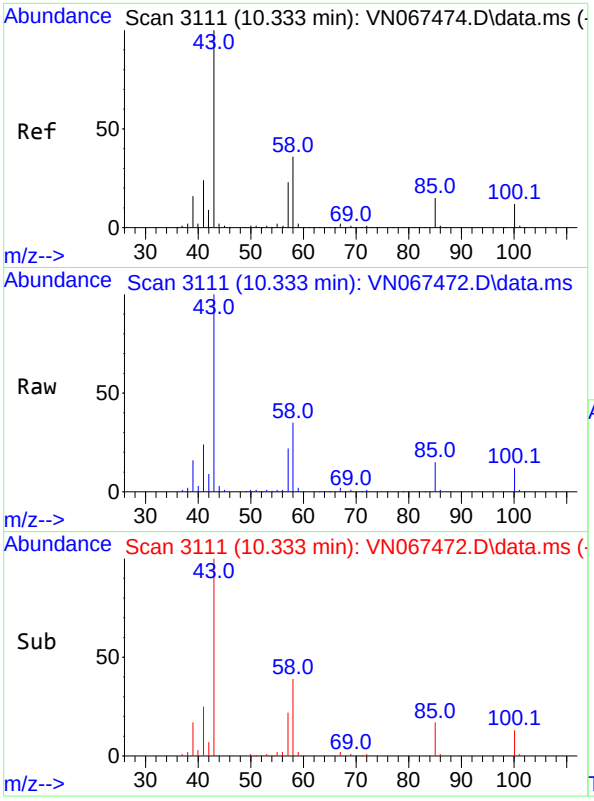
#50
Toluene-d8
Concen: 5.26 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 98 Resp: 80748

Ion	Ratio	Lower	Upper
98	100		
100	61.3	51.7	77.5



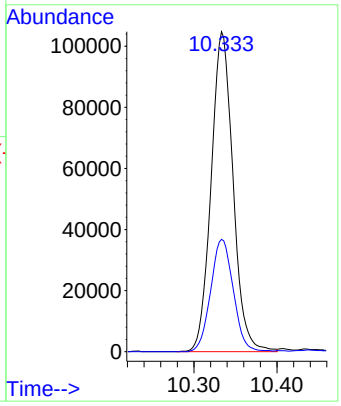
Instrument :
MSVOA_N
ClientSampleId :

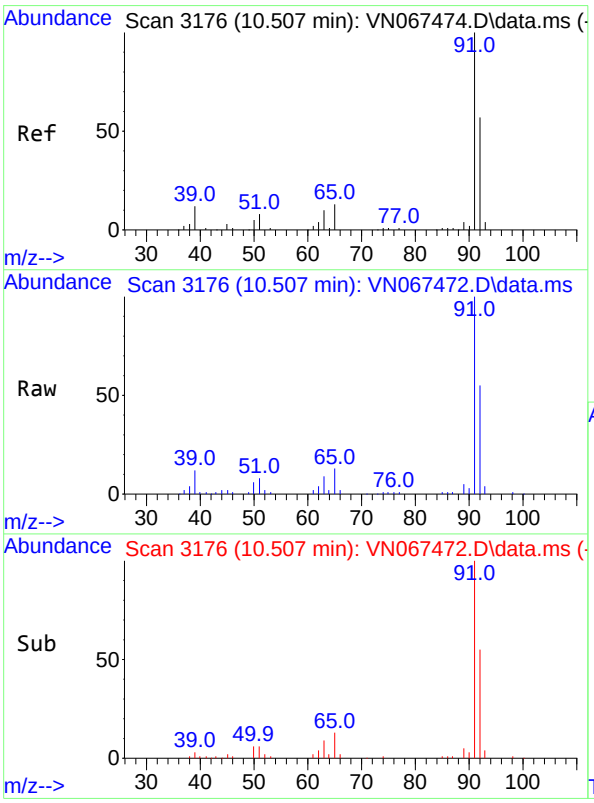


#51
4-Methyl-2-Pentanone
Concen: 26.15 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 191780

Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.6	43.0

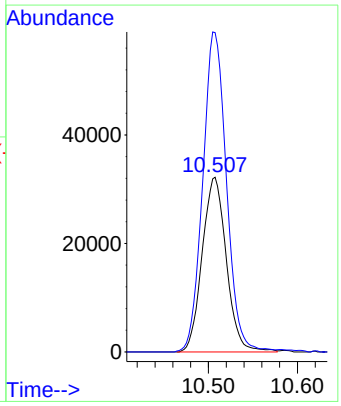




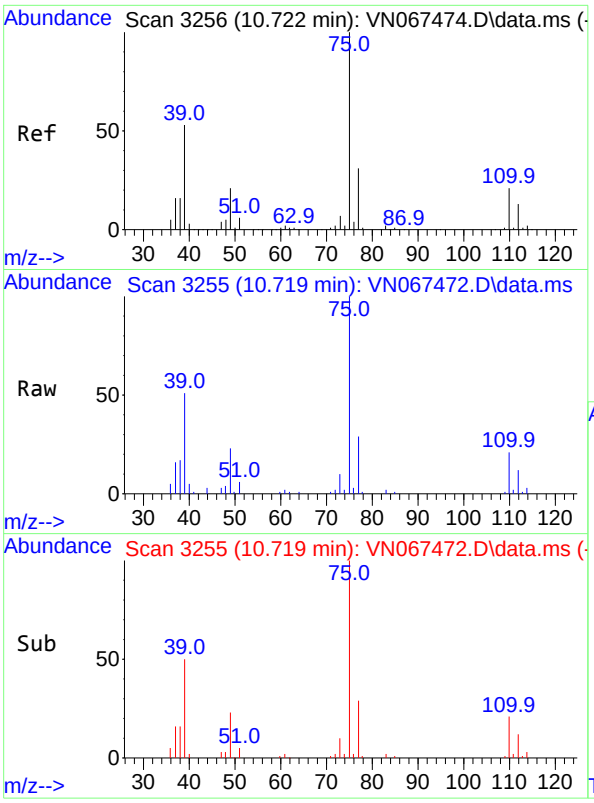
#52
Toluene
Concen: 5.15 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 92 Resp: 60820

Ion	Ratio	Lower	Upper
92	100		
91	179.5	139.6	209.4



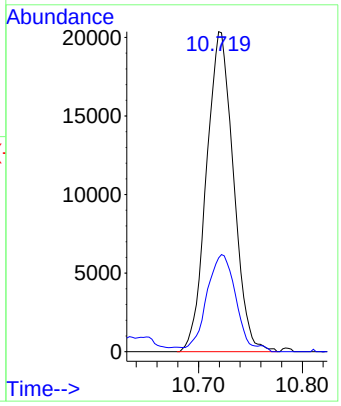
Instrument :
MSVOA_N
ClientSampleId :

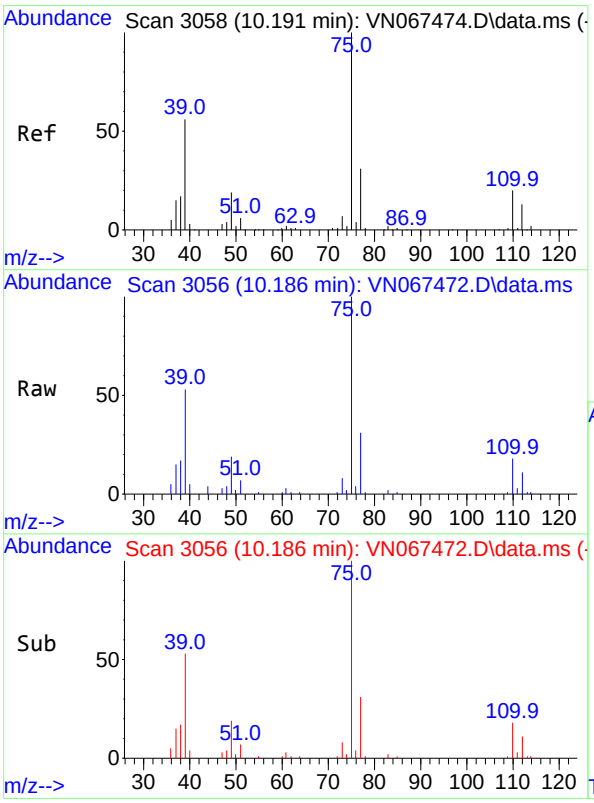


#53
t-1,3-Dichloropropene
Concen: 4.41 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 75 Resp: 36794

Ion	Ratio	Lower	Upper
75	100		
77	29.3	25.1	37.7

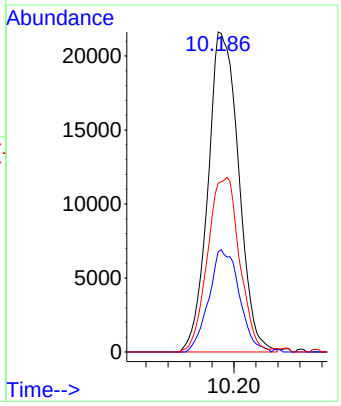




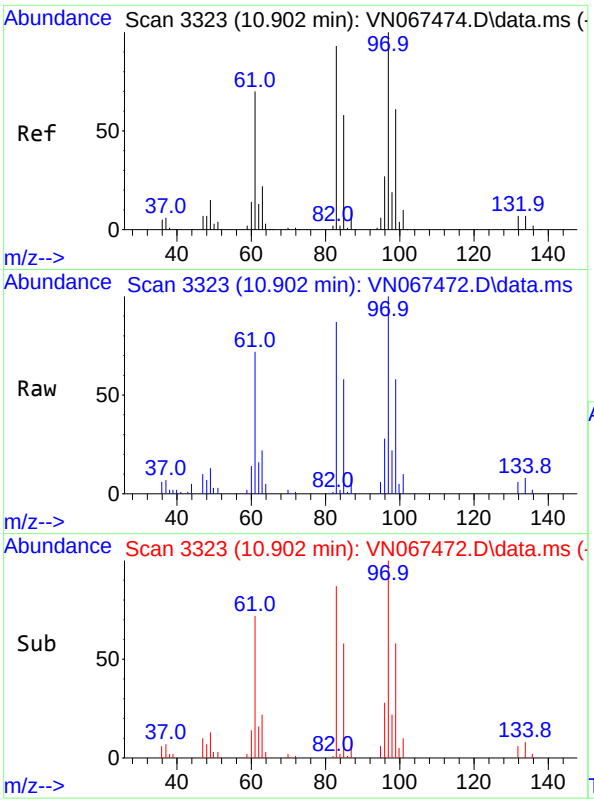
#54
cis-1,3-Dichloropropene
Concen: 4.88 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.005 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 75 Resp: 41762

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	37.0
39	52.7	50.7	76.1



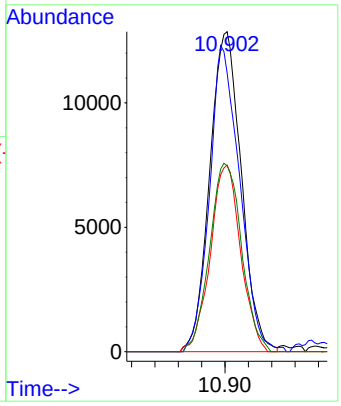
Instrument :
MSVOA_N
ClientSampleId :

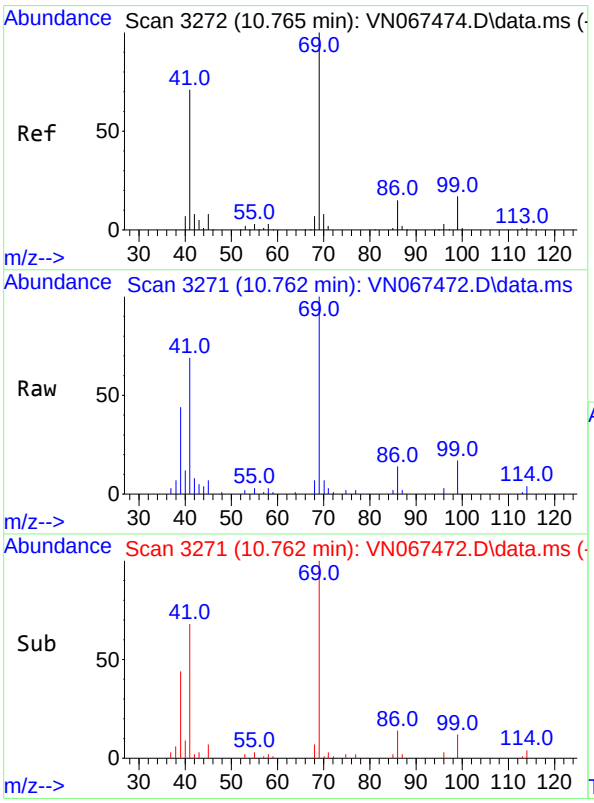


#55
1,1,2-Trichloroethane
Concen: 5.26 ug/l
RT: 10.902 min Scan# 3323
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 97 Resp: 24086

Ion	Ratio	Lower	Upper
97	100		
83	87.1	72.0	108.0
85	58.3	46.8	70.2
99	58.1	49.8	74.6

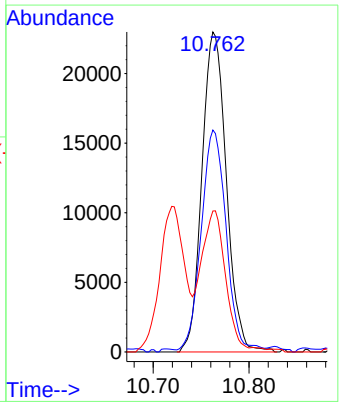


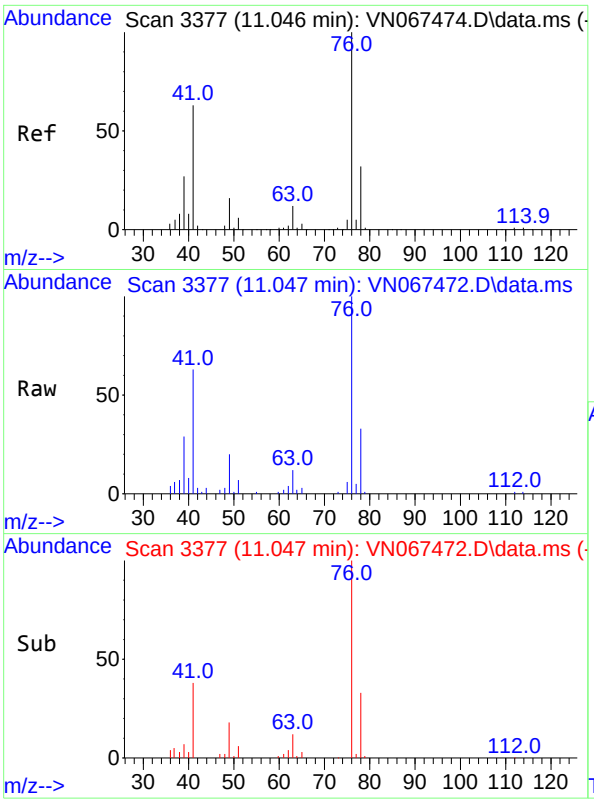


#56
Ethyl methacrylate
Concen: 4.96 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 69 Resp: 40654

Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.6	88.0
39	42.4	38.3	57.5

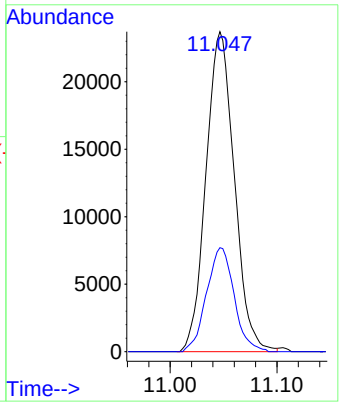




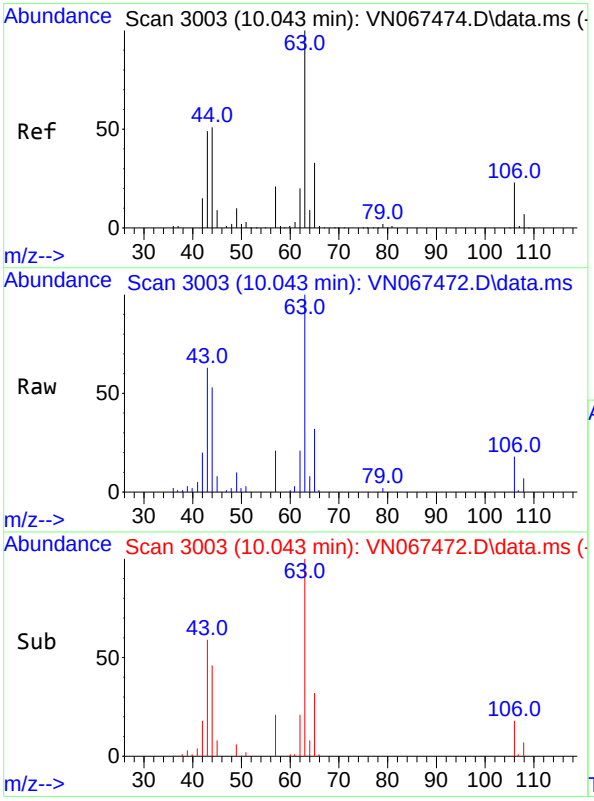
#57
1,3-Dichloropropane
Concen: 5.21 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 76 Resp: 43695

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.7	38.5



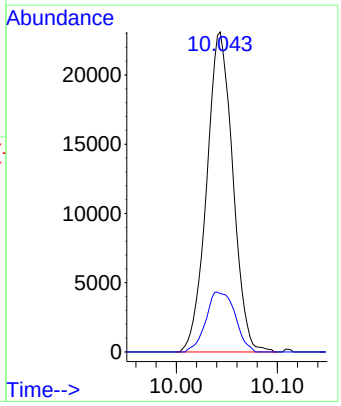
Instrument :
MSVOA_N
ClientSampleId :

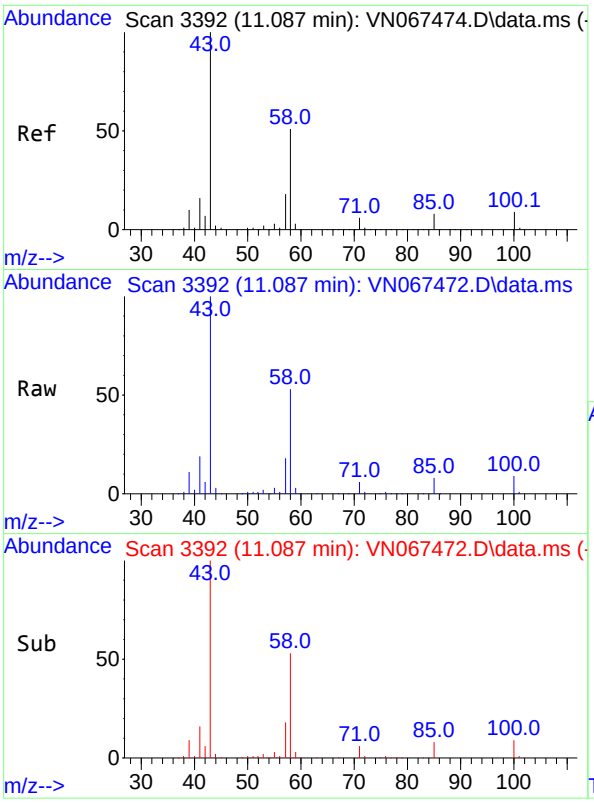


#58
2-Chloroethyl Vinyl ether
Concen: 17.93 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 63 Resp: 41461

Ion	Ratio	Lower	Upper
63	100		
106	20.9	19.8	29.8

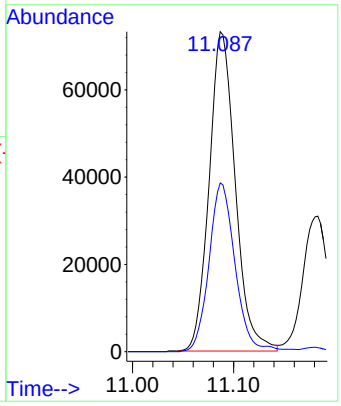




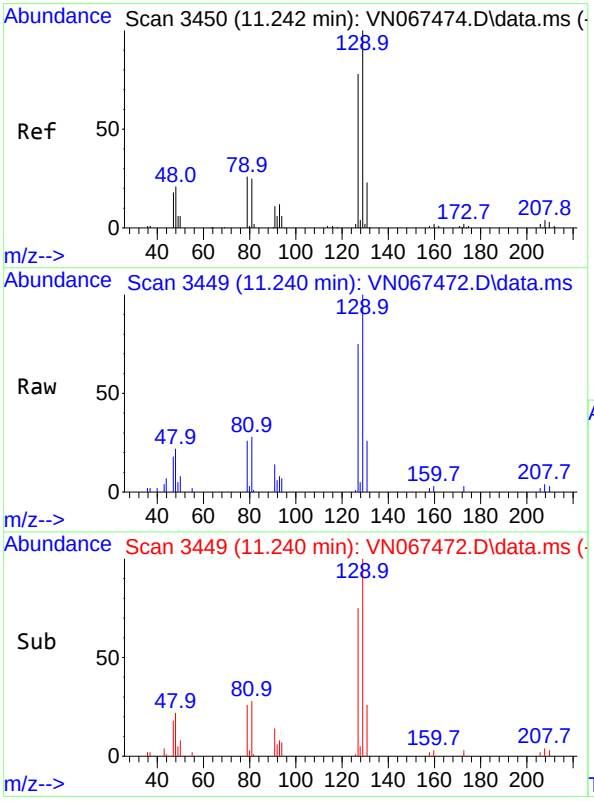
#59
2-Hexanone
Concen: 24.61 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 131698

Ion	Ratio	Lower	Upper
43	100		
58	52.6	24.7	74.1



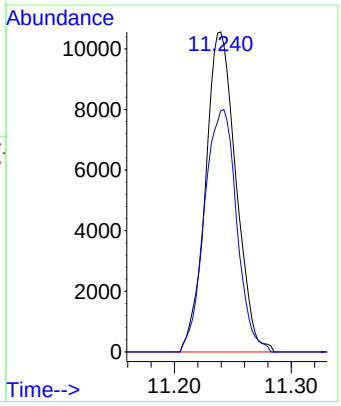
Instrument :
MSVOA_N
ClientSampleId :

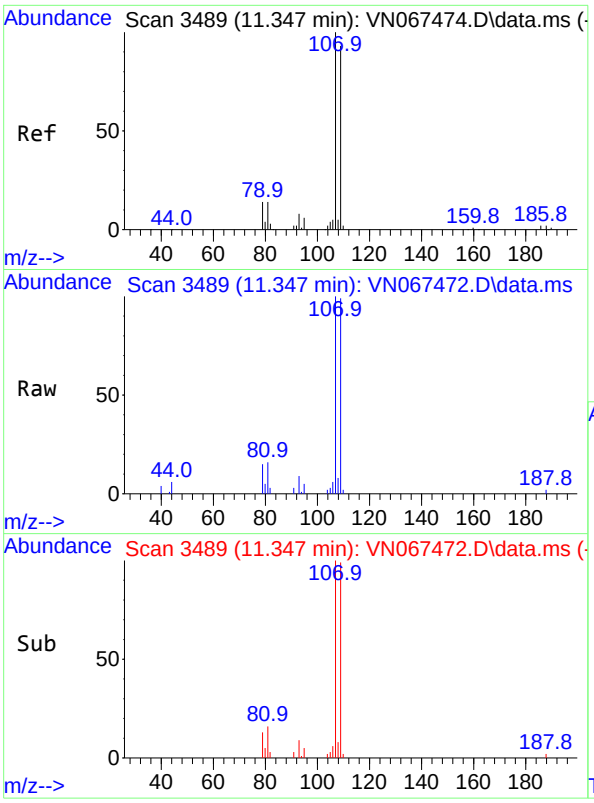


#60
Dibromochloromethane
Concen: 3.93 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:129 Resp: 19051

Ion	Ratio	Lower	Upper
129	100		
127	80.4	38.6	115.8

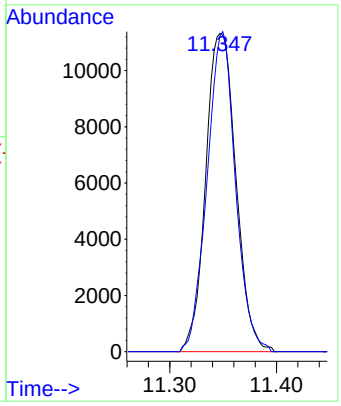




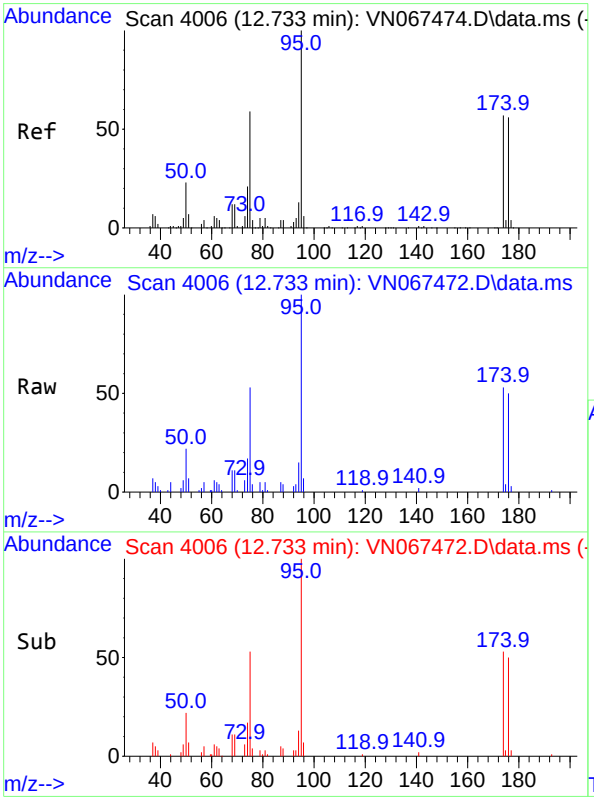
#61
1,2-Dibromoethane
Concen: 4.70 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:107 Resp: 22242

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.0	112.4



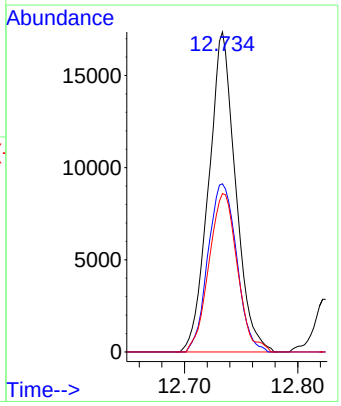
Instrument :
MSVOA_N
ClientSampleId :



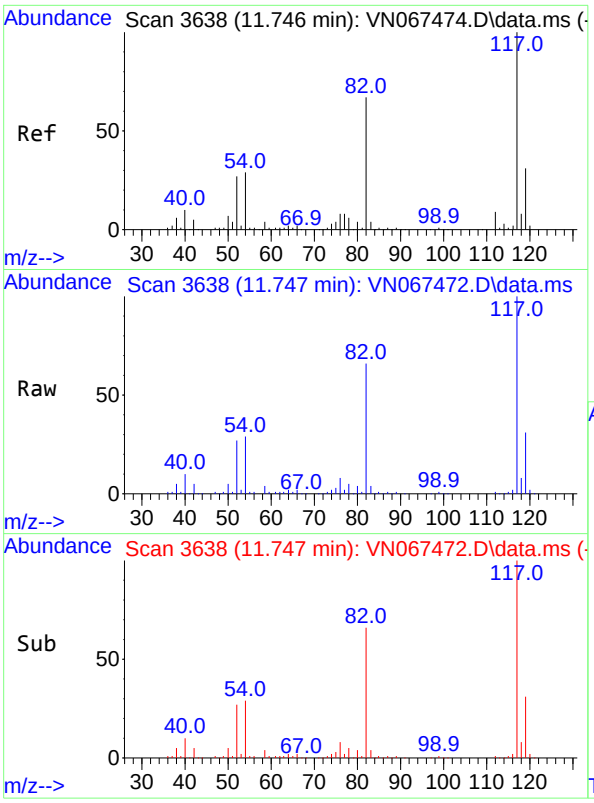
#62
4-Bromofluorobenzene
Concen: 4.66 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 95 Resp: 28635

Ion	Ratio	Lower	Upper
95	100		
174	55.9	0.0	122.0
176	52.2	0.0	117.6



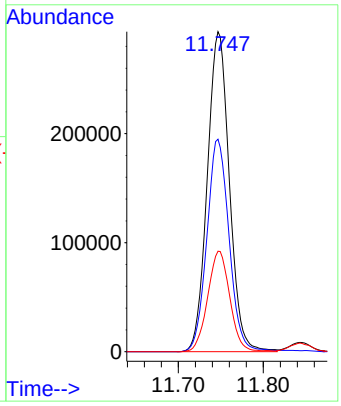
Instrument :
MSVOA_N
ClientSampleId :

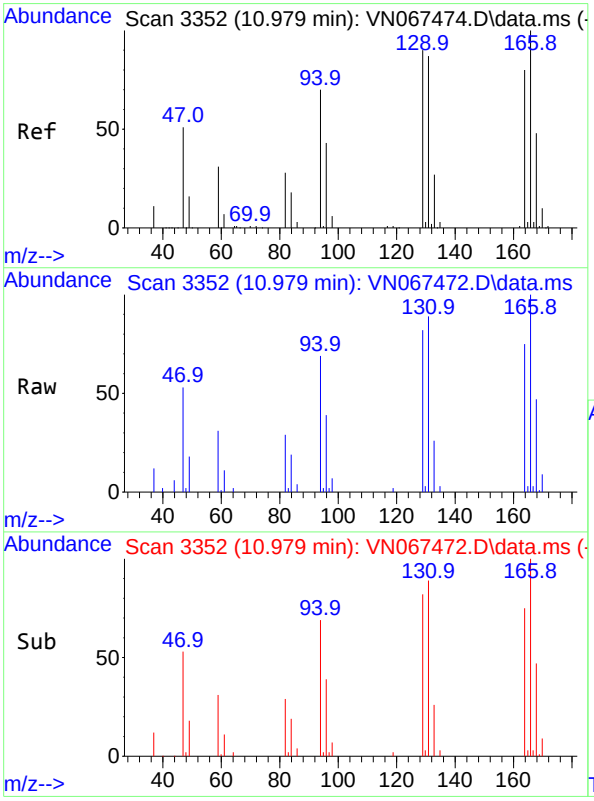


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:117 Resp: 528501

Ion	Ratio	Lower	Upper
117	100		
82	66.4	53.1	79.7
119	31.4	25.5	38.3

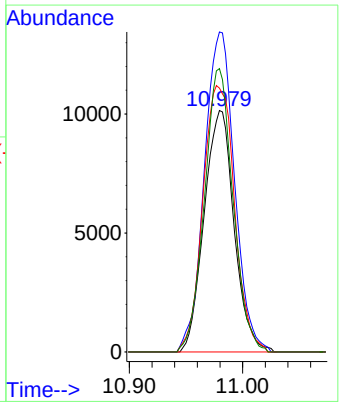




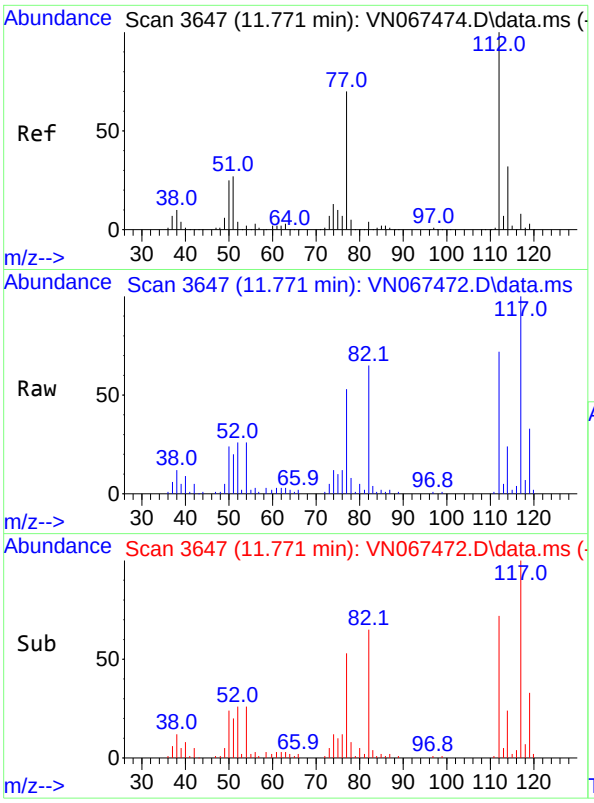
#64
Tetrachloroethene
Concen: 5.04 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:164 Resp: 18611

Ion	Ratio	Lower	Upper
164	100		
166	132.5	102.1	153.1
129	109.3	86.9	130.3
131	117.4	83.6	125.4



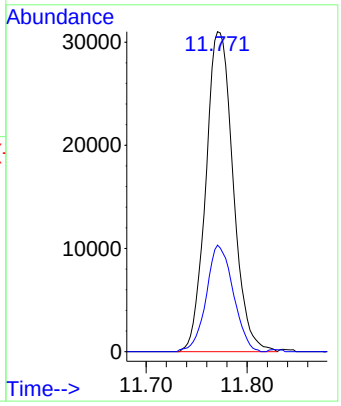
Instrument :
MSVOA_N
ClientSampleId :

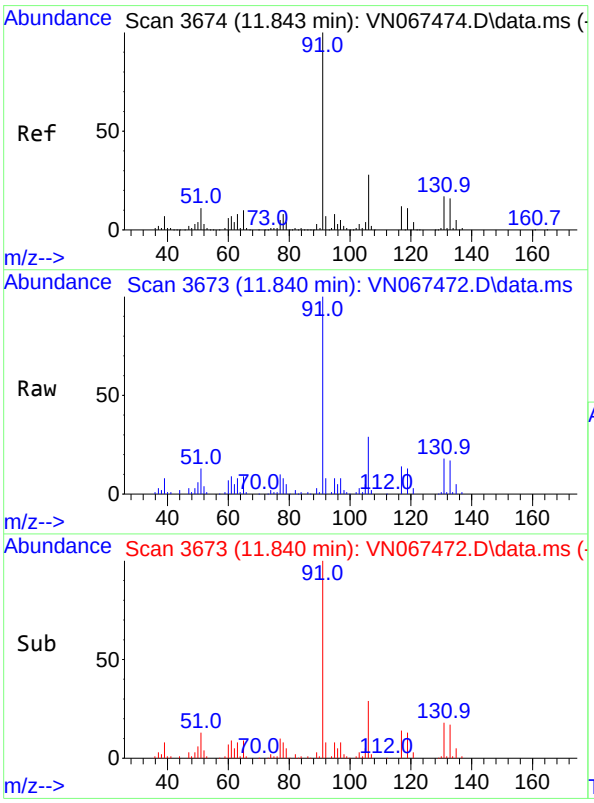


#65
Chlorobenzene
Concen: 5.08 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:112 Resp: 58104

Ion	Ratio	Lower	Upper
112	100		
114	33.3	24.6	37.0

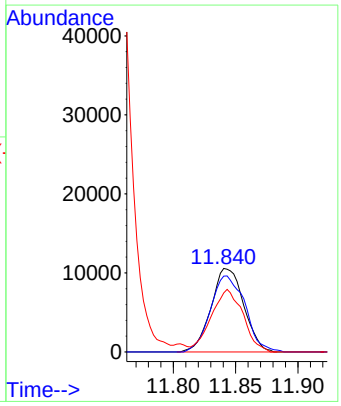


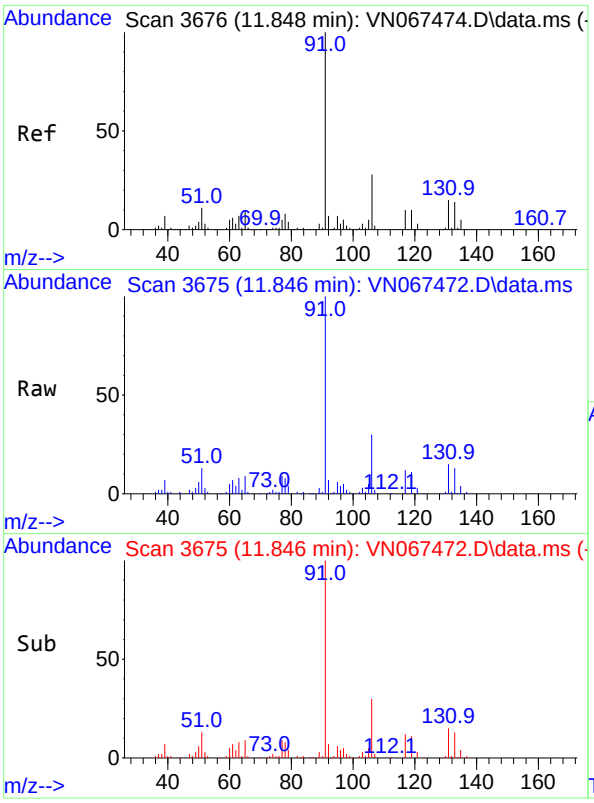


#66
1,1,1,2-Tetrachloroethane
Concen: 4.59 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:131 Resp: 19267

Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.5	142.5
119	72.9	33.1	99.3

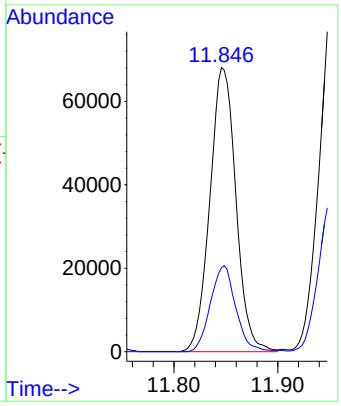




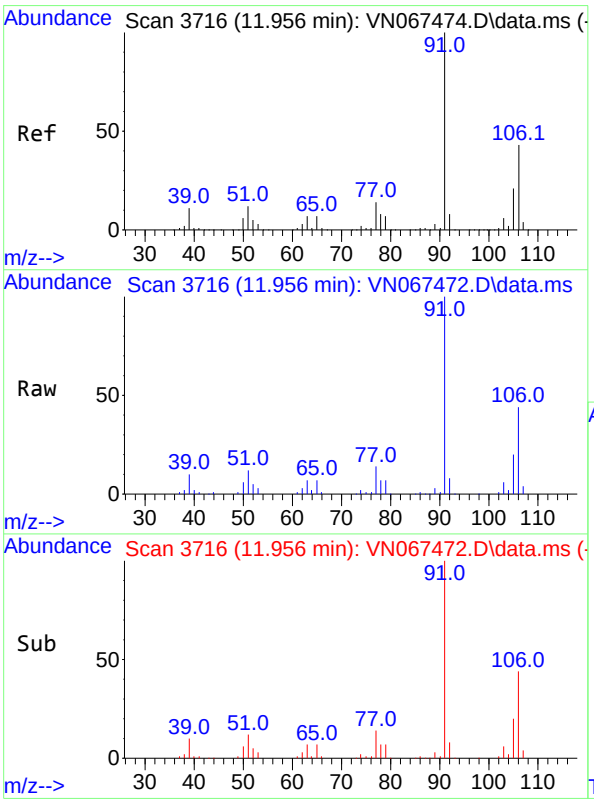
#67
Ethyl Benzene
Concen: 5.23 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 91 Resp: 118795

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.4	35.0



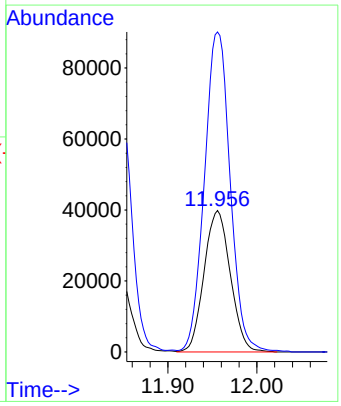
Instrument :
MSVOA_N
ClientSampleId :



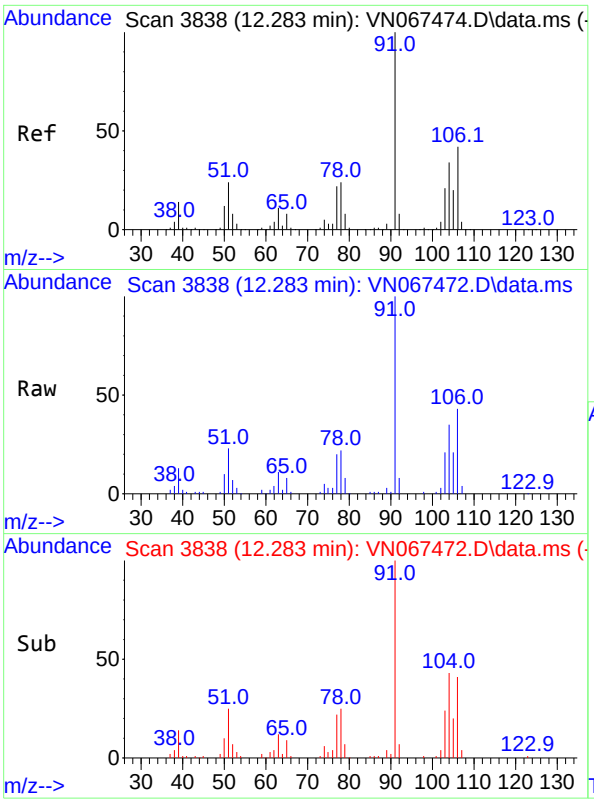
#68
m/p-Xylenes
Concen: 10.21 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:106 Resp: 81799

Ion	Ratio	Lower	Upper
106	100		
91	222.0	180.6	270.8



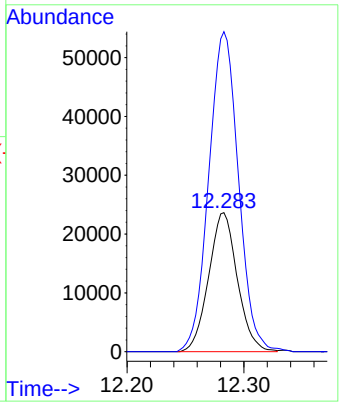
Instrument :
MSVOA_N
ClientSampleId :

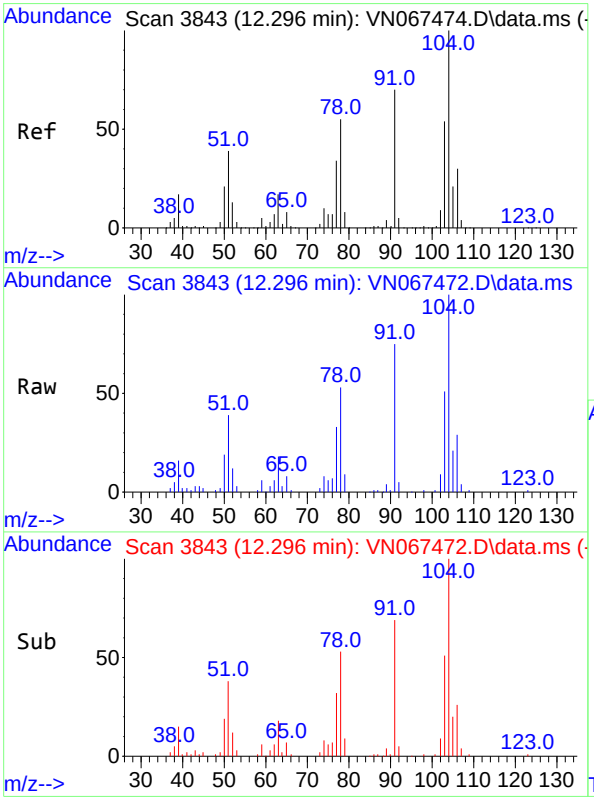


#69
o-Xylene
Concen: 5.13 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:106 Resp: 40323

Ion	Ratio	Lower	Upper
106	100		
91	238.2	118.3	354.9

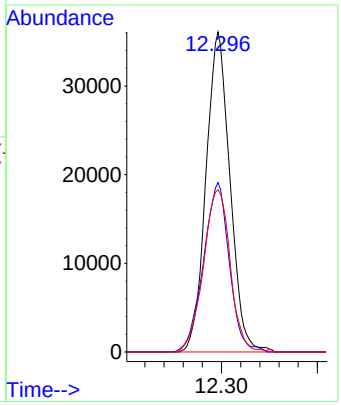


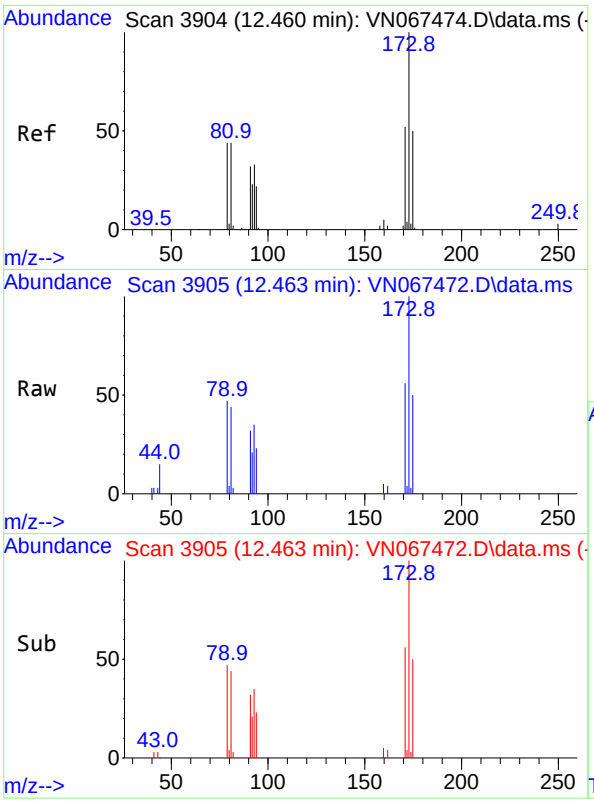


#70
Styrene
Concen: 4.82 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:104 Resp: 62664

Ion	Ratio	Lower	Upper
104	100		
78	57.2	48.2	72.2
103	56.5	44.5	66.7

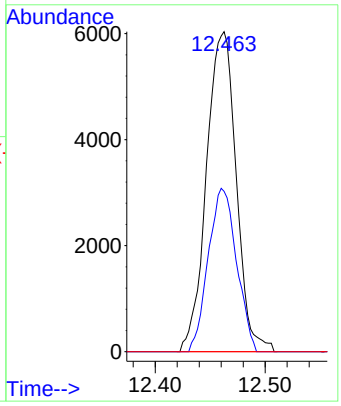




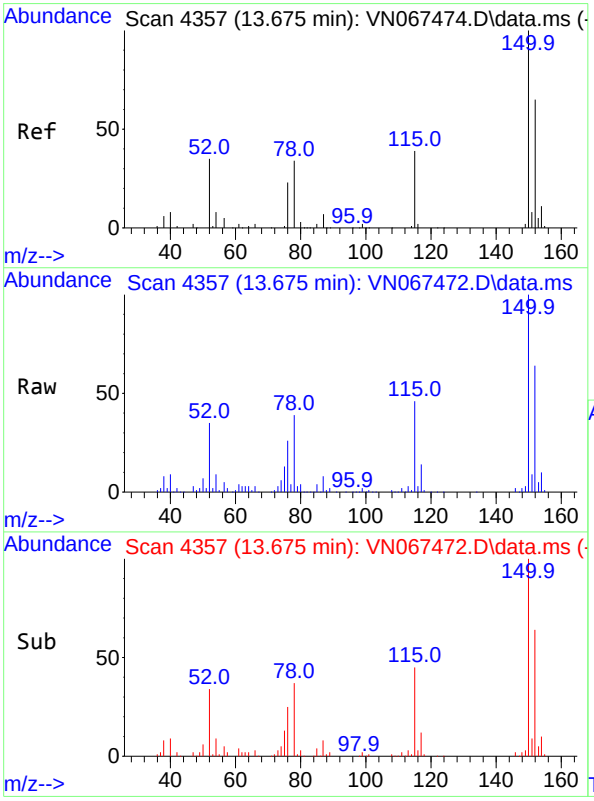
#71
Bromoform
Concen: 3.60 ug/l
RT: 12.463 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:173 Resp: 11364

Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.9	71.8
254	0.0	0.0	0.0



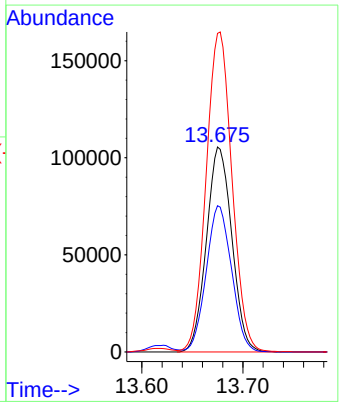
Instrument :
MSVOA_N
ClientSampleId :



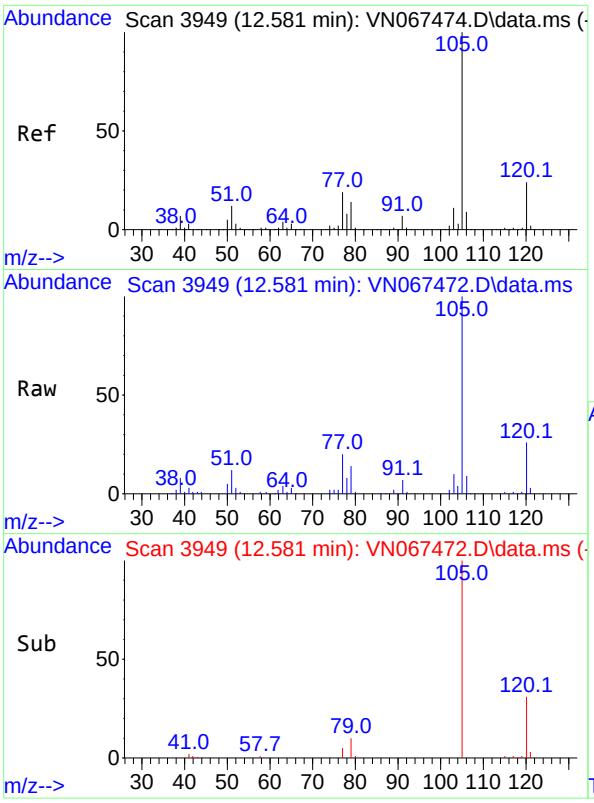
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:152 Resp: 184684

Ion	Ratio	Lower	Upper
152	100		
115	71.4	36.1	108.5
150	158.6	0.0	351.8



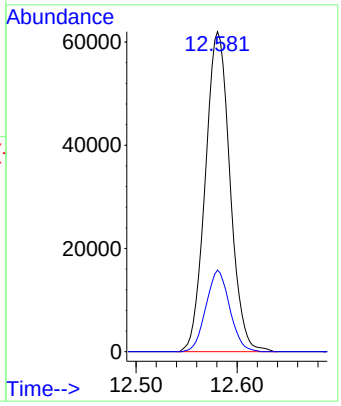
Instrument :
MSVOA_N
ClientSampleId :

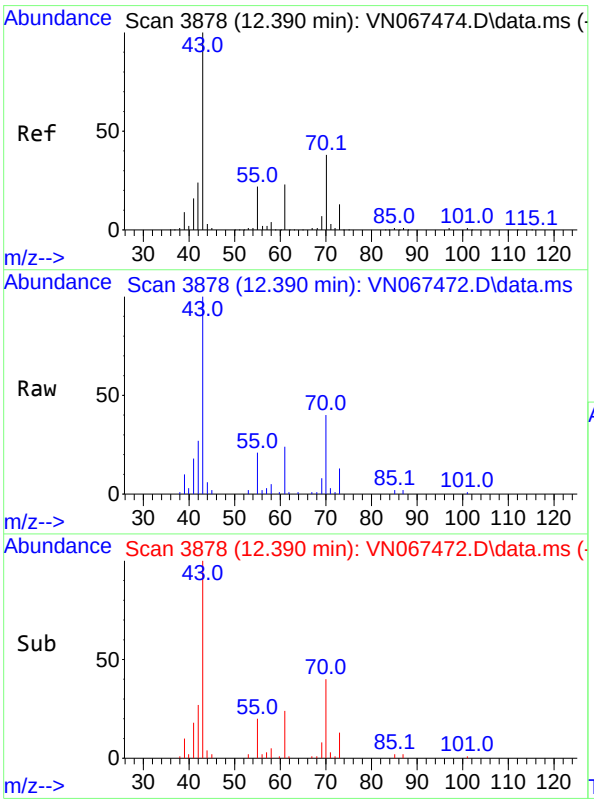


#73
Isopropylbenzene
Concen: 5.84 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:105 Resp: 105144

Ion	Ratio	Lower	Upper
105	100		
120	24.4	12.5	37.5

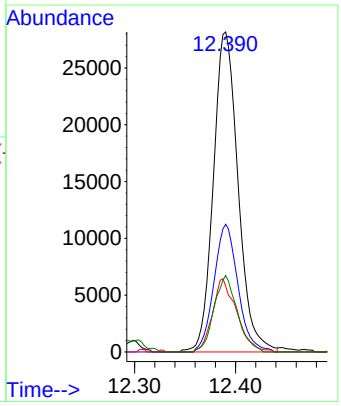




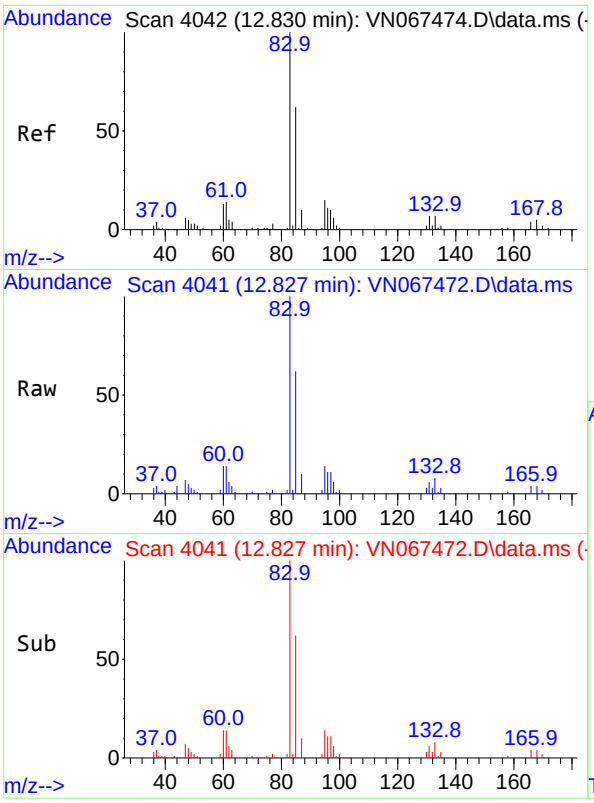
#74
N-amyl acetate
Concen: 5.46 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 43 Resp: 47871

Ion	Ratio	Lower	Upper
43	100		
70	38.7	29.4	44.2
55	22.3	17.0	25.4
61	22.4	17.6	26.4



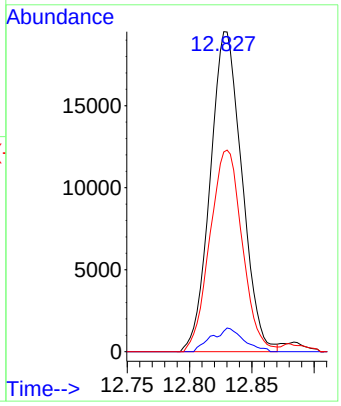
Instrument :
MSVOA_N
ClientSampleId :

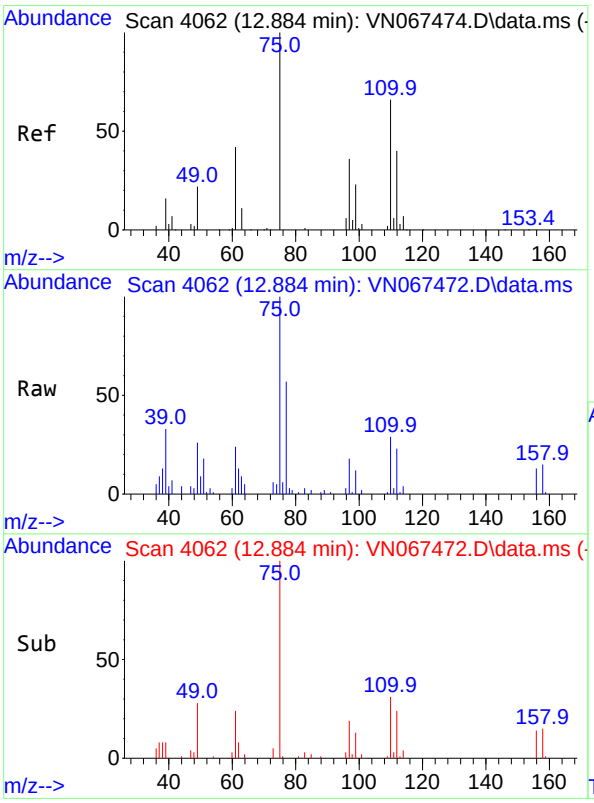


#75
1,1,2,2-Tetrachloroethane
Concen: 6.35 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 83 Resp: 34453

Ion	Ratio	Lower	Upper
83	100		
131	7.5	4.8	14.4
85	64.5	32.2	96.6

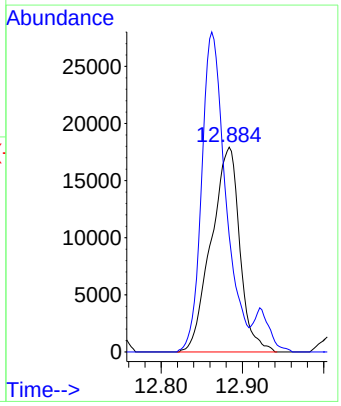




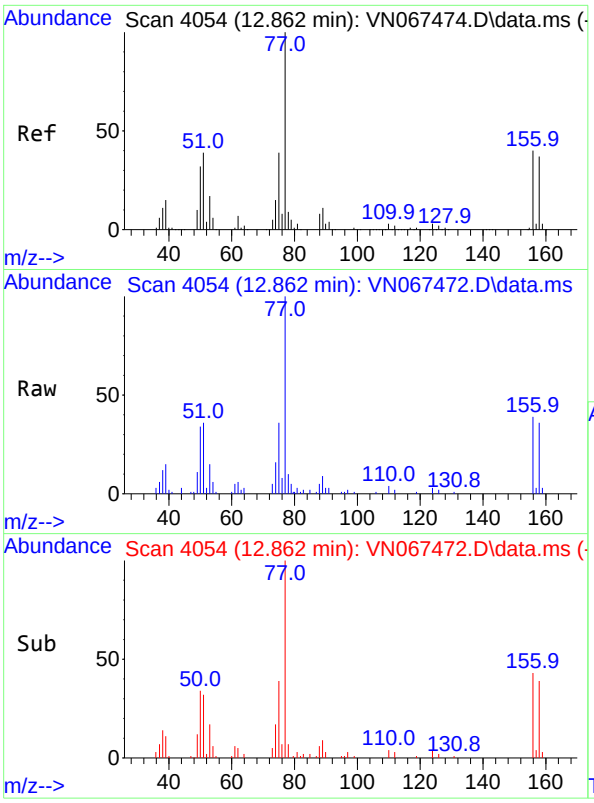
#76
1,2,3-Trichloropropane
Concen: 8.84 ug/l
RT: 12.884 min Scan# 4062
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 75 Resp: 43788

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



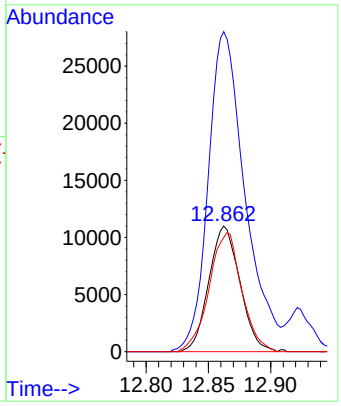
Instrument :
MSVOA_N
ClientSampleId :

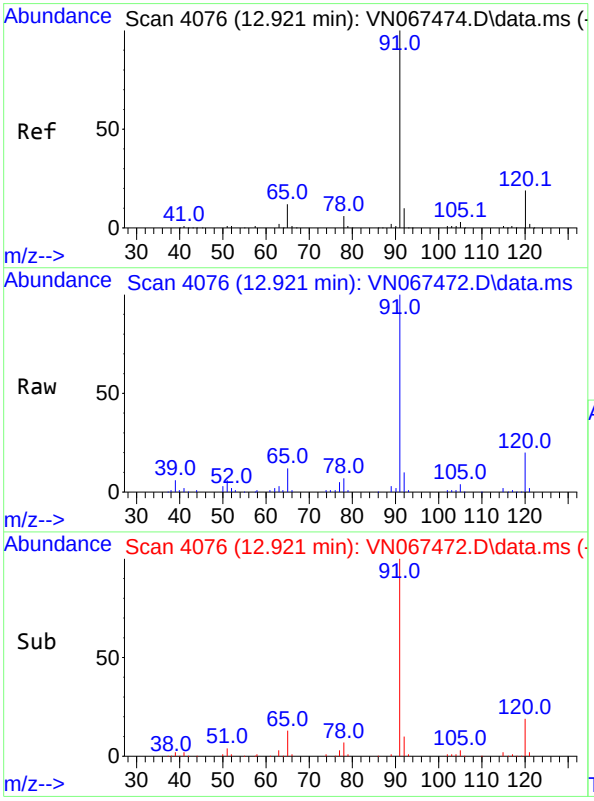


#77
Bromobenzene
Concen: 5.30 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:156 Resp: 19124

Ion	Ratio	Lower	Upper
156	100		
77	299.6	136.2	408.6
158	98.8	48.4	145.3

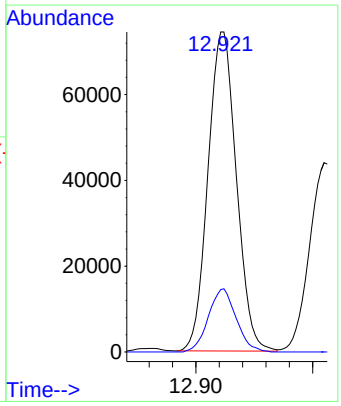




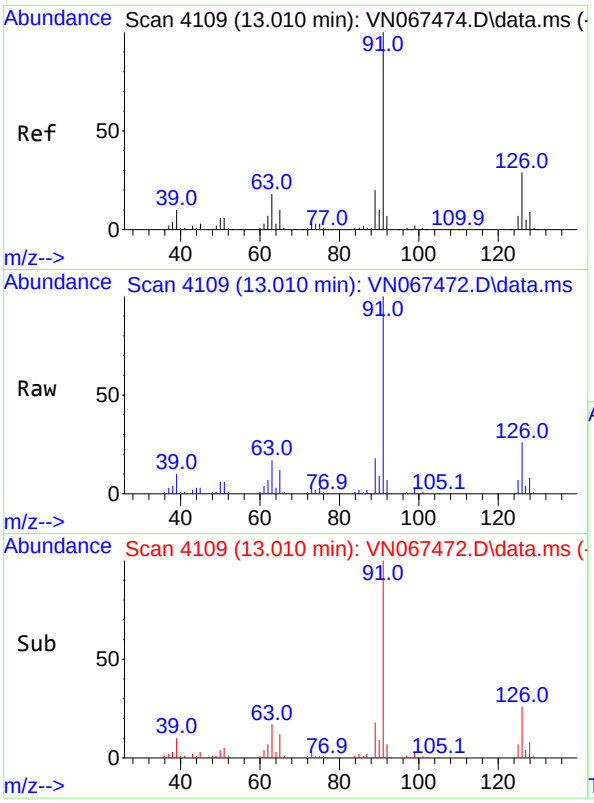
#78
n-propylbenzene
Concen: 5.82 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 91 Resp: 125466

Ion	Ratio	Lower	Upper
91	100		
120	19.3	10.4	31.4



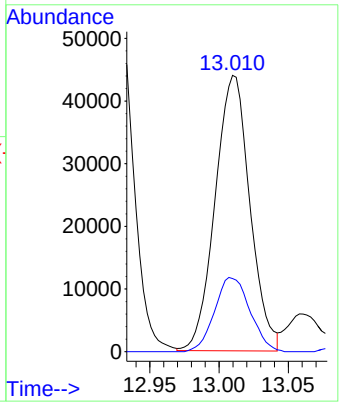
Instrument :
MSVOA_N
ClientSampleId :

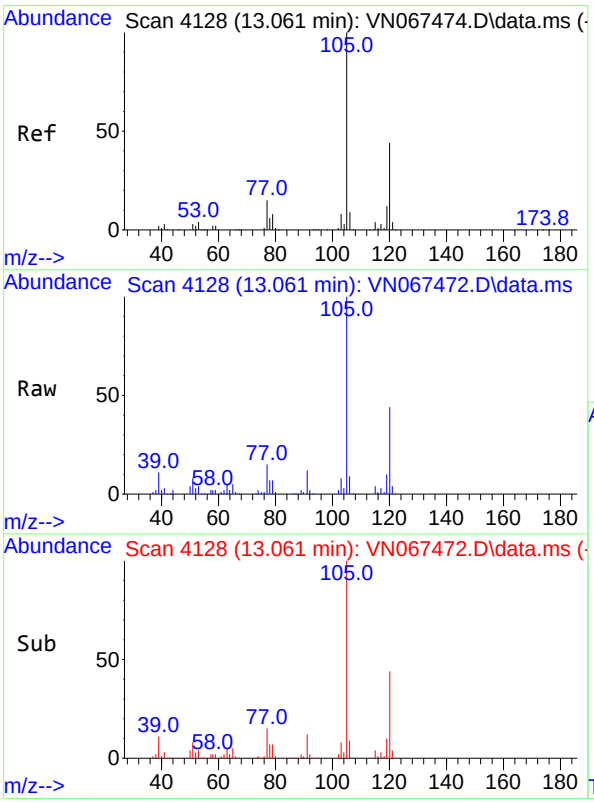


#79
2-Chlorotoluene
Concen: 5.77 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 91 Resp: 76811

Ion	Ratio	Lower	Upper
91	100		
126	27.4	14.5	43.5

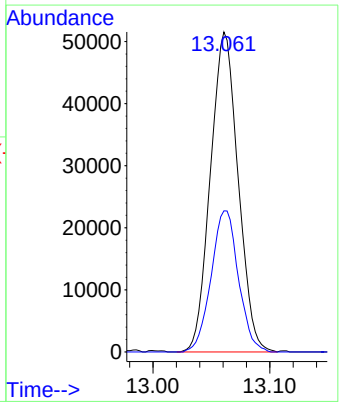


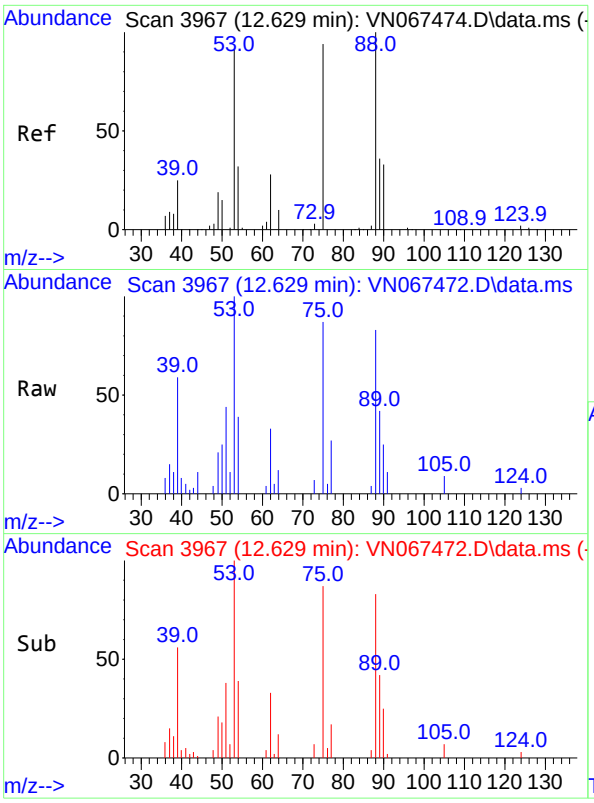


#80
1,3,5-Trimethylbenzene
Concen: 5.63 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:105 Resp: 84826

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.2	66.6

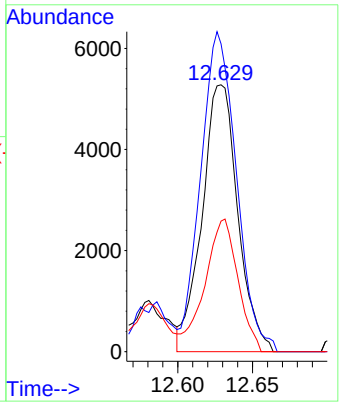




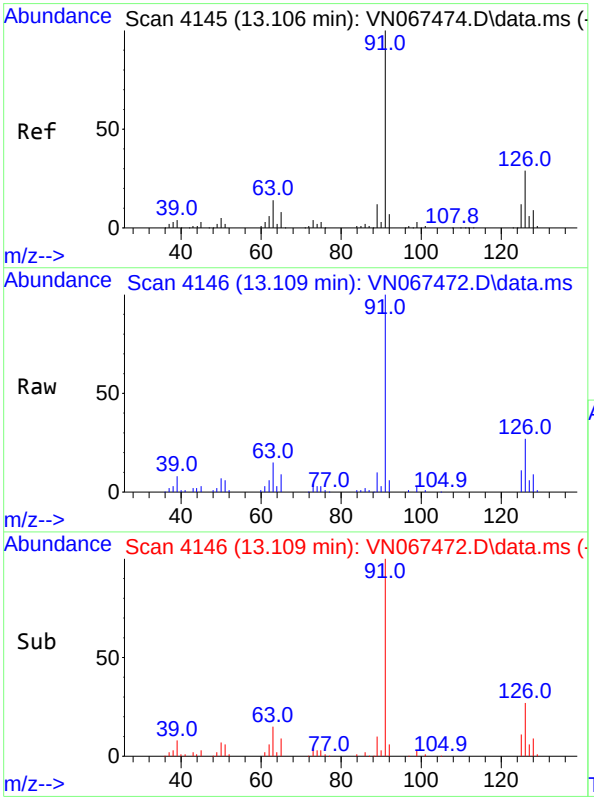
#81
trans-1,4-Dichloro-2-butene
Concen: 4.46 ug/l
RT: 12.629 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 75 Resp: 8787

Ion	Ratio	Lower	Upper
75	100		
53	120.0	87.6	131.4
89	45.6	37.8	56.8



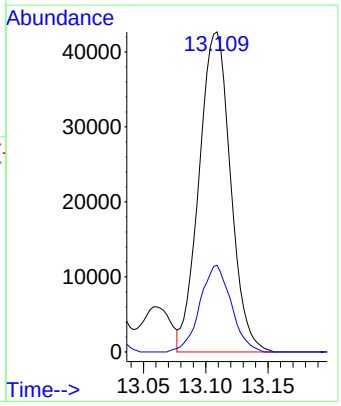
Instrument :
MSVOA_N
ClientSampleId :



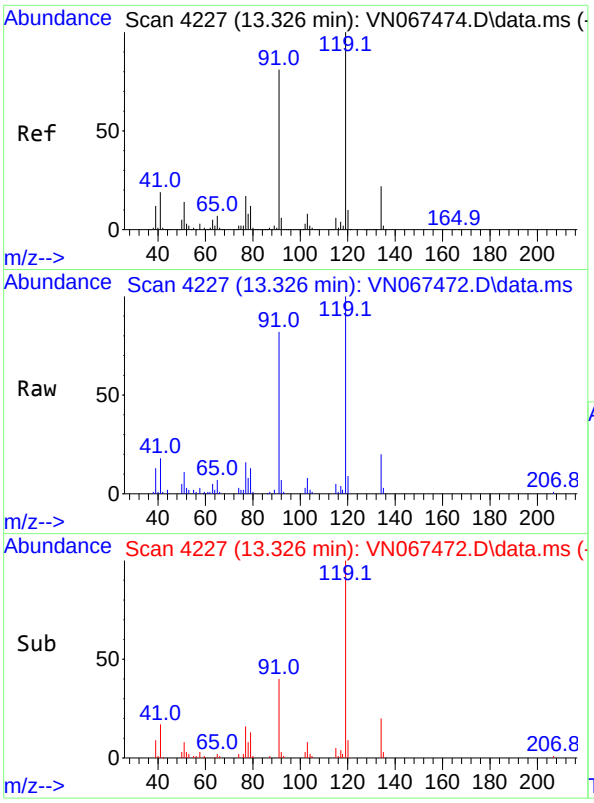
#82
4-Chlorotoluene
Concen: 5.68 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 91 Resp: 74985

Ion	Ratio	Lower	Upper
91	100		
126	26.9	14.8	44.4



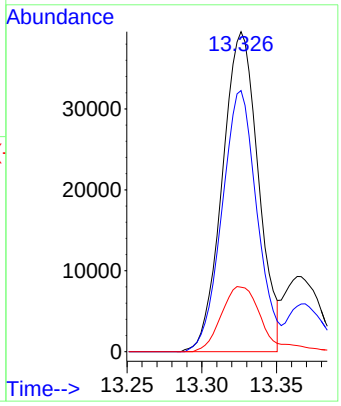
Instrument :
MSVOA_N
ClientSampleId :

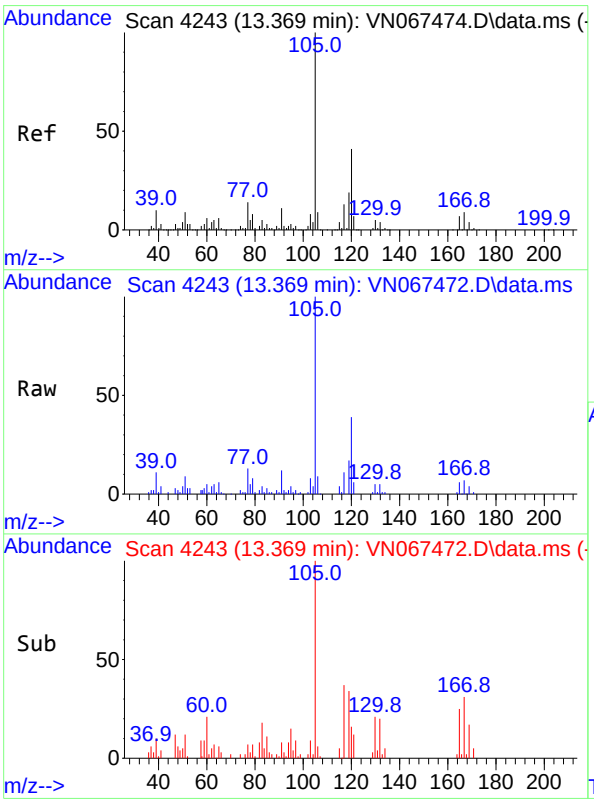


#83
tert-Butylbenzene
Concen: 5.54 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:119 Resp: 66144

Ion	Ratio	Lower	Upper
119	100		
91	79.9	39.5	118.5
134	23.1	12.0	36.0

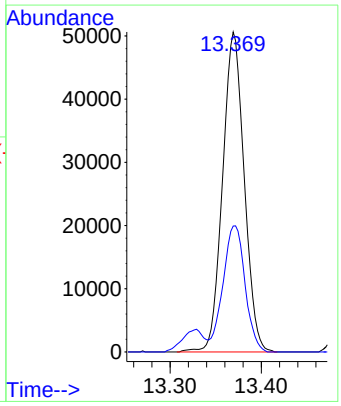


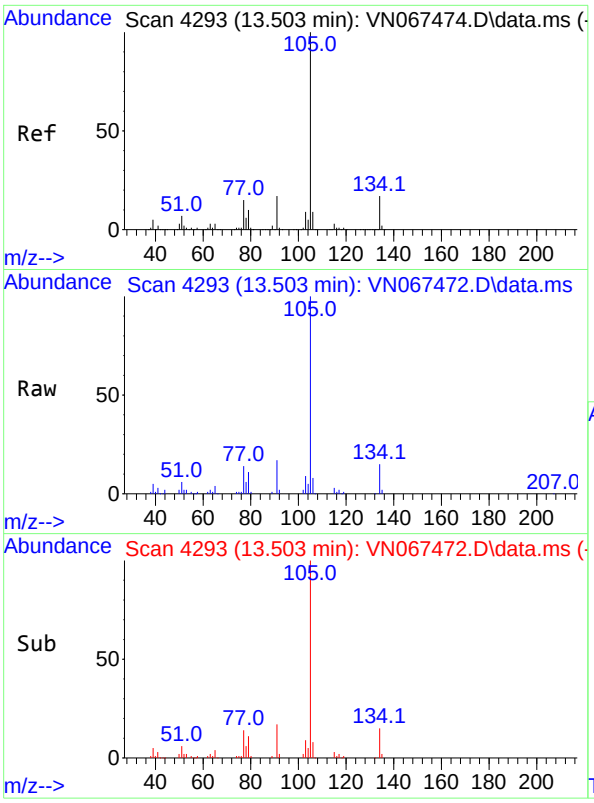


#84
1,2,4-Trimethylbenzene
Concen: 5.61 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:105 Resp: 83408

Ion	Ratio	Lower	Upper
105	100		
120	40.2	20.6	61.8

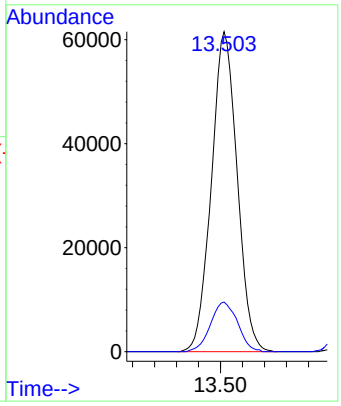




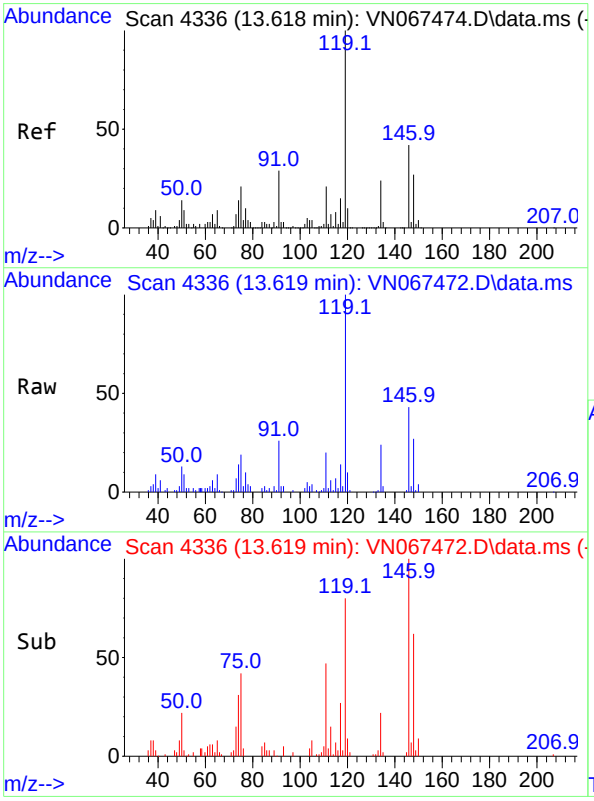
#85
sec-Butylbenzene
Concen: 5.84 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:105 Resp: 100030

Ion	Ratio	Lower	Upper
105	100		
134	16.3	9.0	27.1



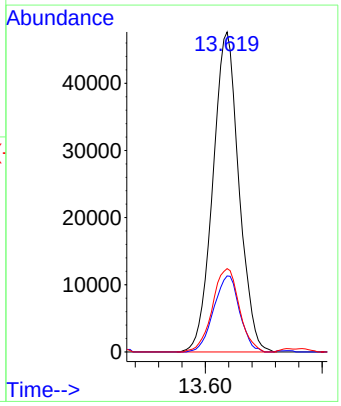
Instrument :
MSVOA_N
ClientSampleId :



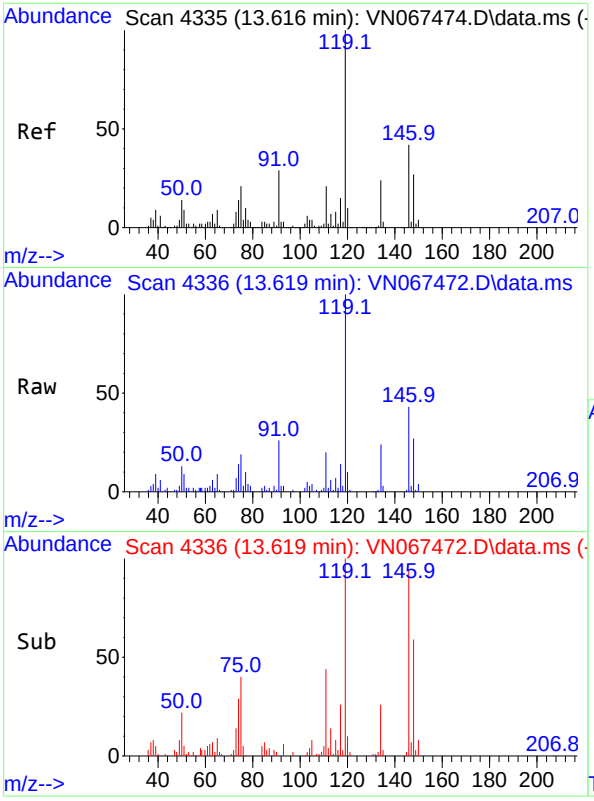
#86
p-Isopropyltoluene
Concen: 5.40 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:119 Resp: 73689

Ion	Ratio	Lower	Upper
119	100		
134	23.6	12.4	37.4
91	26.9	14.8	44.3



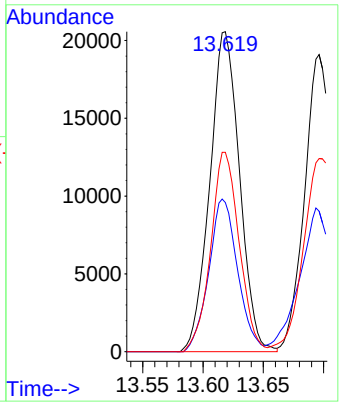
Instrument :
MSVOA_N
ClientSampleId :

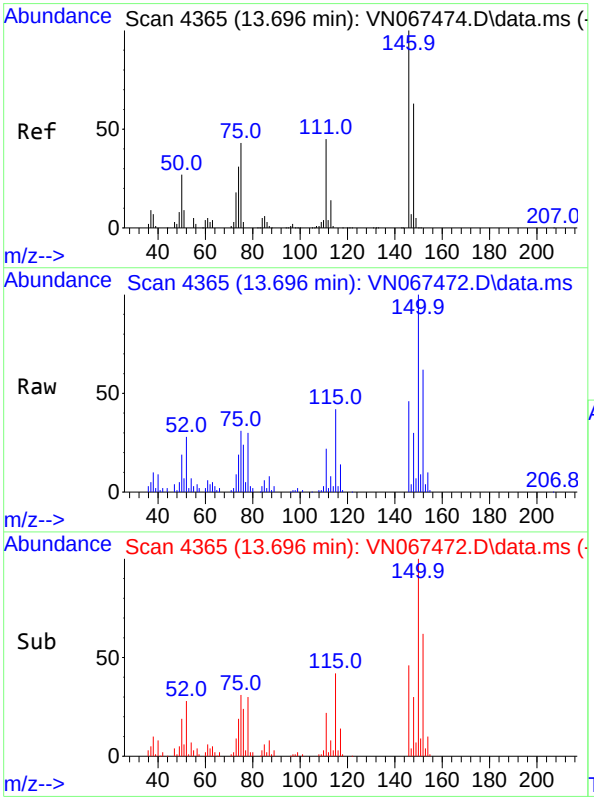


#87
1,3-Dichlorobenzene
Concen: 5.46 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:146 Resp: 35325

Ion	Ratio	Lower	Upper
146	100		
111	46.4	24.3	72.8
148	59.7	32.0	96.0

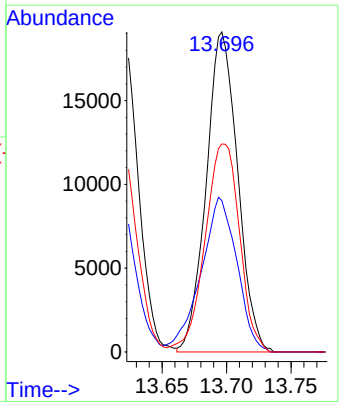




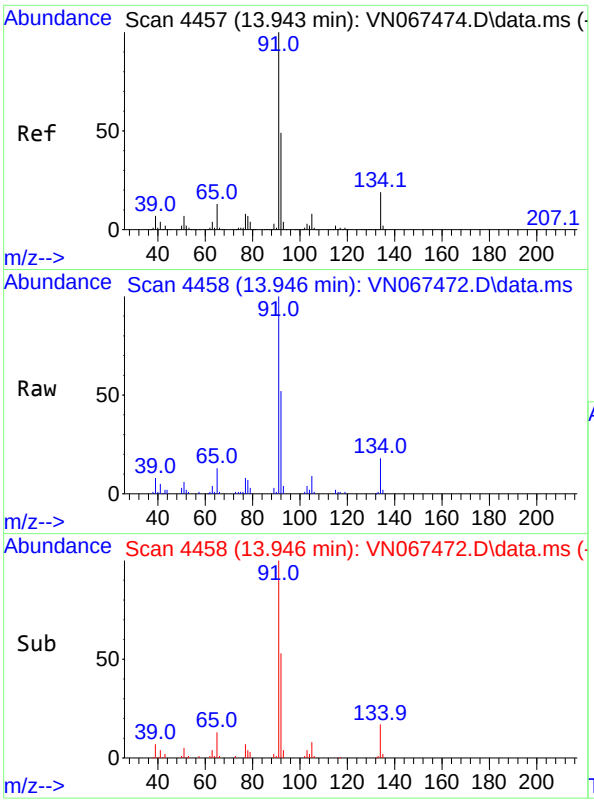
#88
1,4-Dichlorobenzene
Concen: 4.99 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:146 Resp: 32485

Ion	Ratio	Lower	Upper
146	100		
111	55.4	23.4	70.2
148	71.2	31.8	95.3



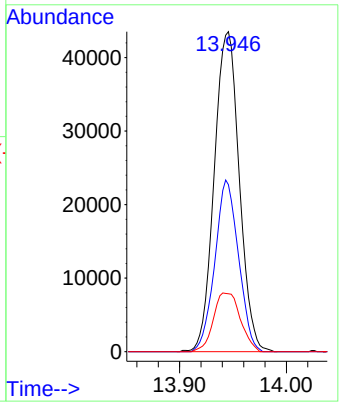
Instrument :
MSVOA_N
ClientSampleId :

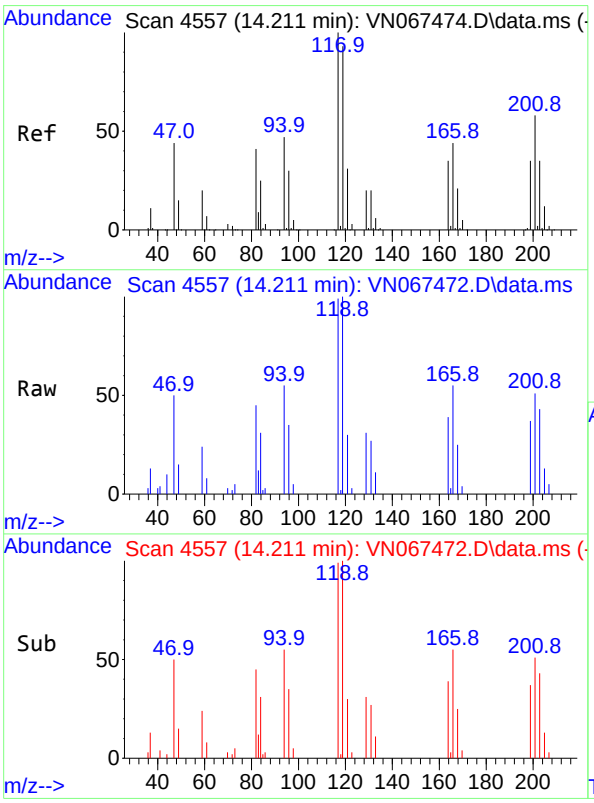


#89
n-Butylbenzene
Concen: 5.47 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 91 Resp: 70943

Ion	Ratio	Lower	Upper
91	100		
92	50.6	25.7	77.1
134	19.7	11.2	33.6

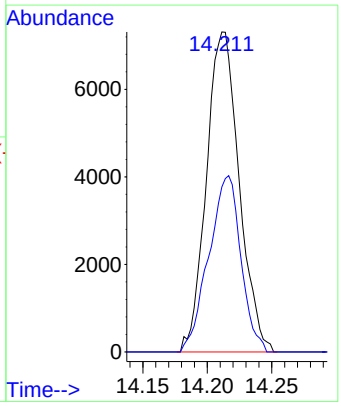




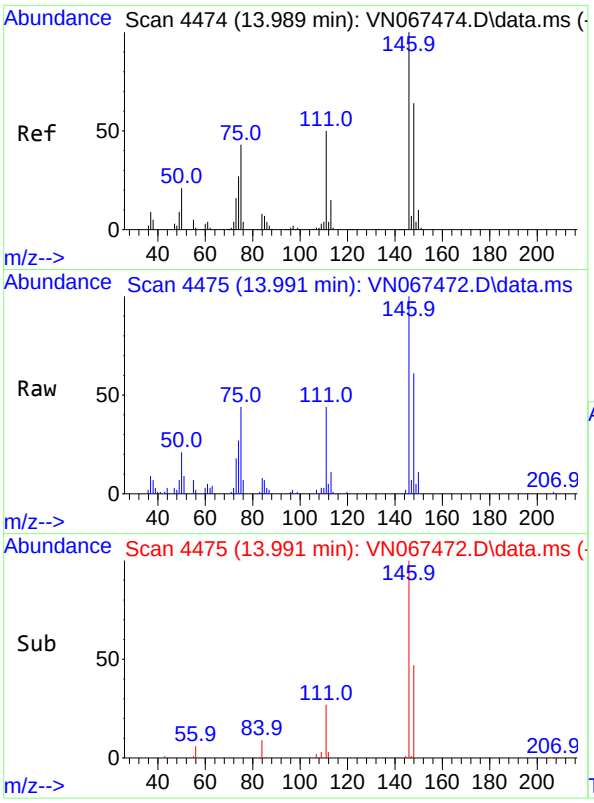
#90
Hexachloroethane
Concen: 4.87 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:117 Resp: 12918

Ion	Ratio	Lower	Upper
117	100		
201	54.0	33.5	100.5



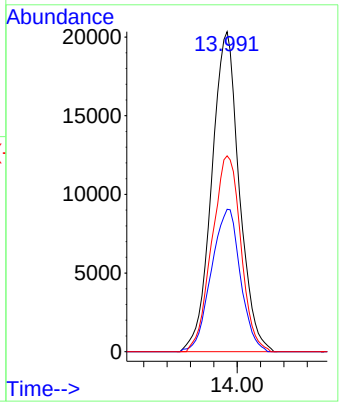
Instrument :
MSVOA_N
ClientSampleId :

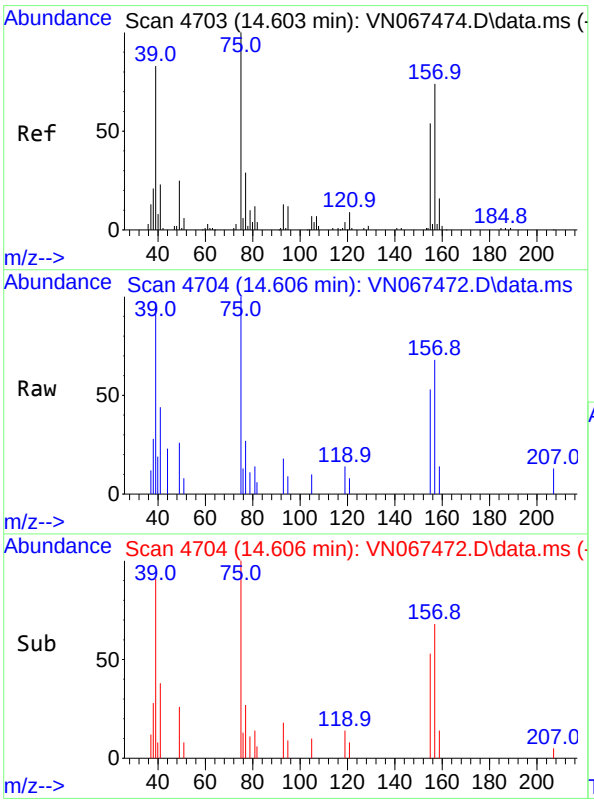


#91
1,2-Dichlorobenzene
Concen: 5.37 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:146 Resp: 33255

Ion	Ratio	Lower	Upper
146	100		
111	47.0	24.9	74.6
148	64.2	31.6	95.0

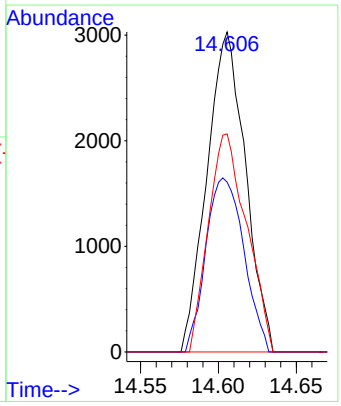




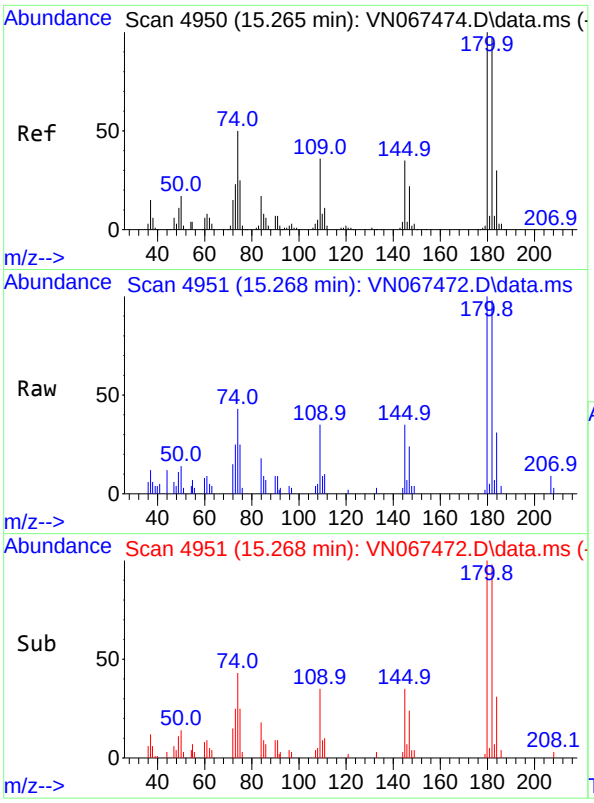
#92
1,2-Dibromo-3-Chloropropane
Concen: 4.02 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion: 75 Resp: 5208

Ion	Ratio	Lower	Upper
75	100		
155	53.7	29.8	89.5
157	67.8	37.6	112.8



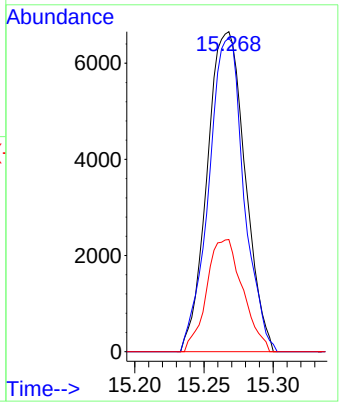
Instrument :
MSVOA_N
ClientSampleId :

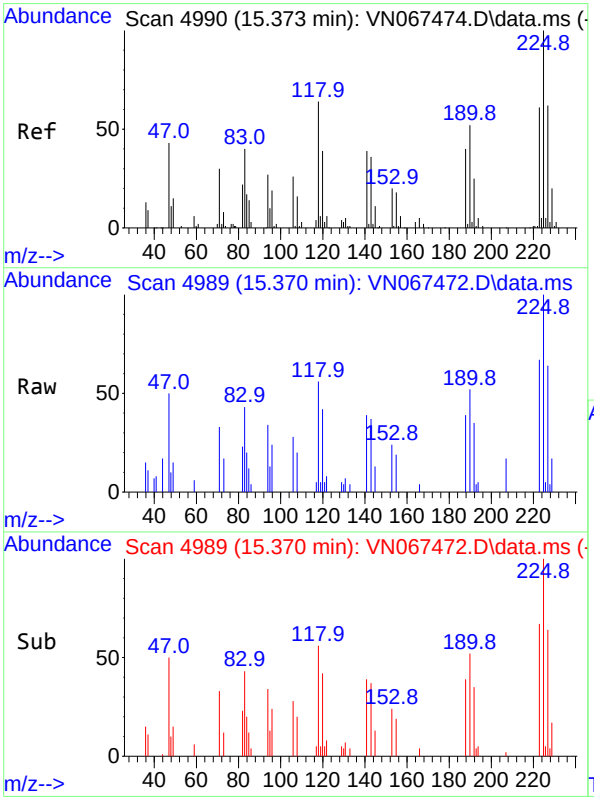


#93
1,2,4-Trichlorobenzene
Concen: 4.01 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:180 Resp: 12652

Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.5	142.5
145	33.4	17.2	51.6

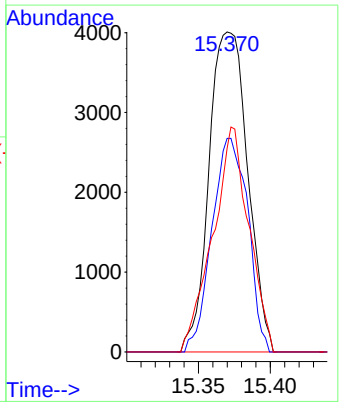




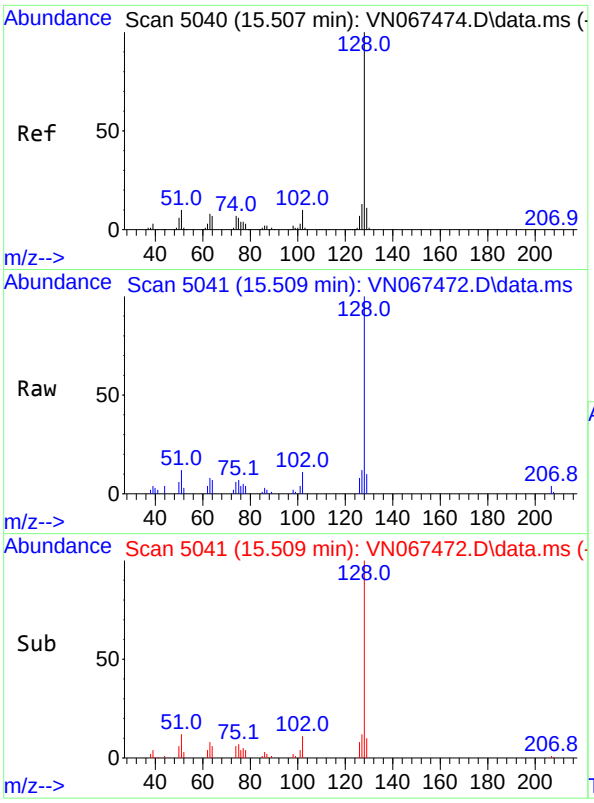
#94
Hexachlorobutadiene
Concen: 4.20 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:225 Resp: 7510

Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.0
227	65.6	31.2	93.6



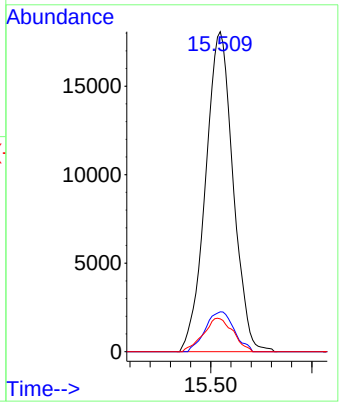
Instrument :
MSVOA_N
ClientSampleId :

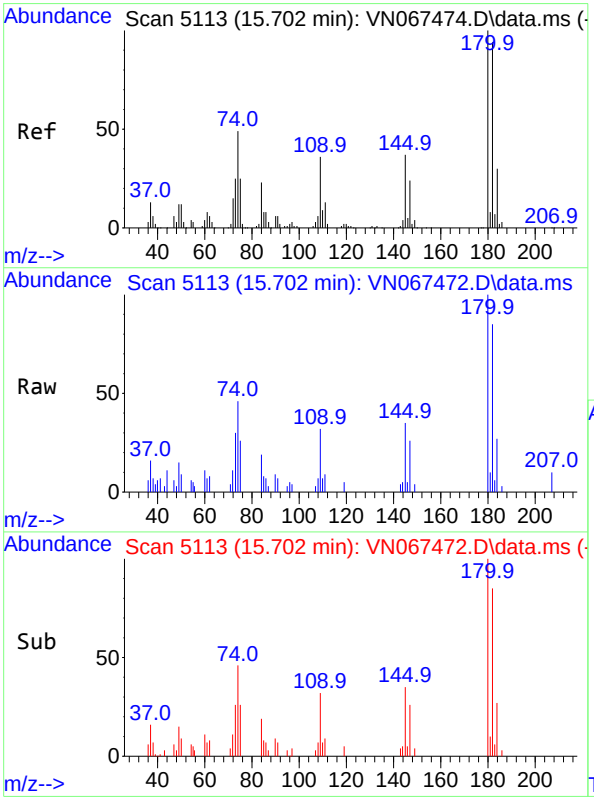


#95
Naphthalene
Concen: 3.54 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

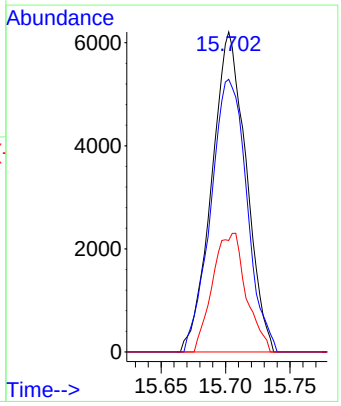
Tgt Ion:128 Resp: 34219

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.2	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 3.80 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067472.D
Acq: 24 Jun 2021 10:20

Tgt Ion:180 Resp: 11521

Ion	Ratio	Lower	Upper
180	100		
182	89.5	47.8	143.3
145	36.1	18.2	54.6