Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
Data File : VN069455.D
Acq On : 11 Nov 2021 14:27
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 12 05:16:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.088	168	1229535	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.968	114	2182422	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.747	117	2143596	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	810232	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.440	65	919094	51.555	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.100%				
35) Dibromofluoromethane	8.024	113	645149	49.288	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.580%				
50) Toluene-d8	10.443	98	2785549	54.110	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.220%				
62) 4-Bromofluorobenzene	12.734	95	965174	51.036	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.080%				
Target Compounds							Qvalue
13) Acrolein	4.049	56	740	Below Cal		#	64
16) Acetone	4.299	43	10951	1.139	ug/l		96
25) 2-Butanone	7.351	43	4680	0.359	ug/l	#	89
29) Tetrahydrofuran	7.702	42	3943	0.493	ug/l	#	68
31) Cyclohexane	8.086	56	33294	1.367	ug/l	#	35
36) 1,1-Dichloropropene	8.086	75	108945	5.933	ug/l	#	48
38) Carbon Tetrachloride	8.086	117	130679	7.371	ug/l	#	17
49) 1,4-Dioxane	9.569	88	320	39.886	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.333	43	11485	0.446	ug/l	#	61
53) t-1,3-Dichloropropene	10.719	75	473	2.657	ug/l		90
54) cis-1,3-Dichloropropene	10.191	75	416	1.749	ug/l	#	60
56) Ethyl methacrylate	10.760	69	1844	2.119	ug/l	#	78
58) 2-Chloroethyl Vinyl ether	10.046	63	81	22.781	ug/l		96
59) 2-Hexanone	11.092	43	21697	8.908	ug/l		84
60) Dibromochloromethane	11.234	129	62	2.421	ug/l	#	11
61) 1,2-Dibromoethane	11.342	107	177	1.082	ug/l	#	40
70) Styrene	12.294	104	2947	1.579	ug/l	#	80
71) Bromoform	12.463	173	228	3.445	ug/l	#	29
74) N-amyl acetate	12.396	43	9019	0.330	ug/l	#	90
76) 1,2,3-Trichloropropane	12.734	75	556470	29.760	ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.734	75	556470	84.121	ug/l	#	5
89) n-Butylbenzene	13.943	91	11411	0.270	ug/l		97
90) Hexachloroethane	14.217	117	84	2.171	ug/l	#	6
91) 1,2-Dichlorobenzene	13.994	146	5454	0.224	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	14.611	75	641	1.950	ug/l	#	50
93) 1,2,4-Trichlorobenzene	15.265	180	8210	3.717	ug/l		91
95) Naphthalene	15.509	128	35094	5.340	ug/l	#	94
96) 1,2,3-Trichlorobenzene	15.702	180	9577	3.905	ug/l		95

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

Quantitation Report (Not Reviewed)

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Data File : VN069455.D
Acq On : 11 Nov 2021 14:27
Operator : JC/MD
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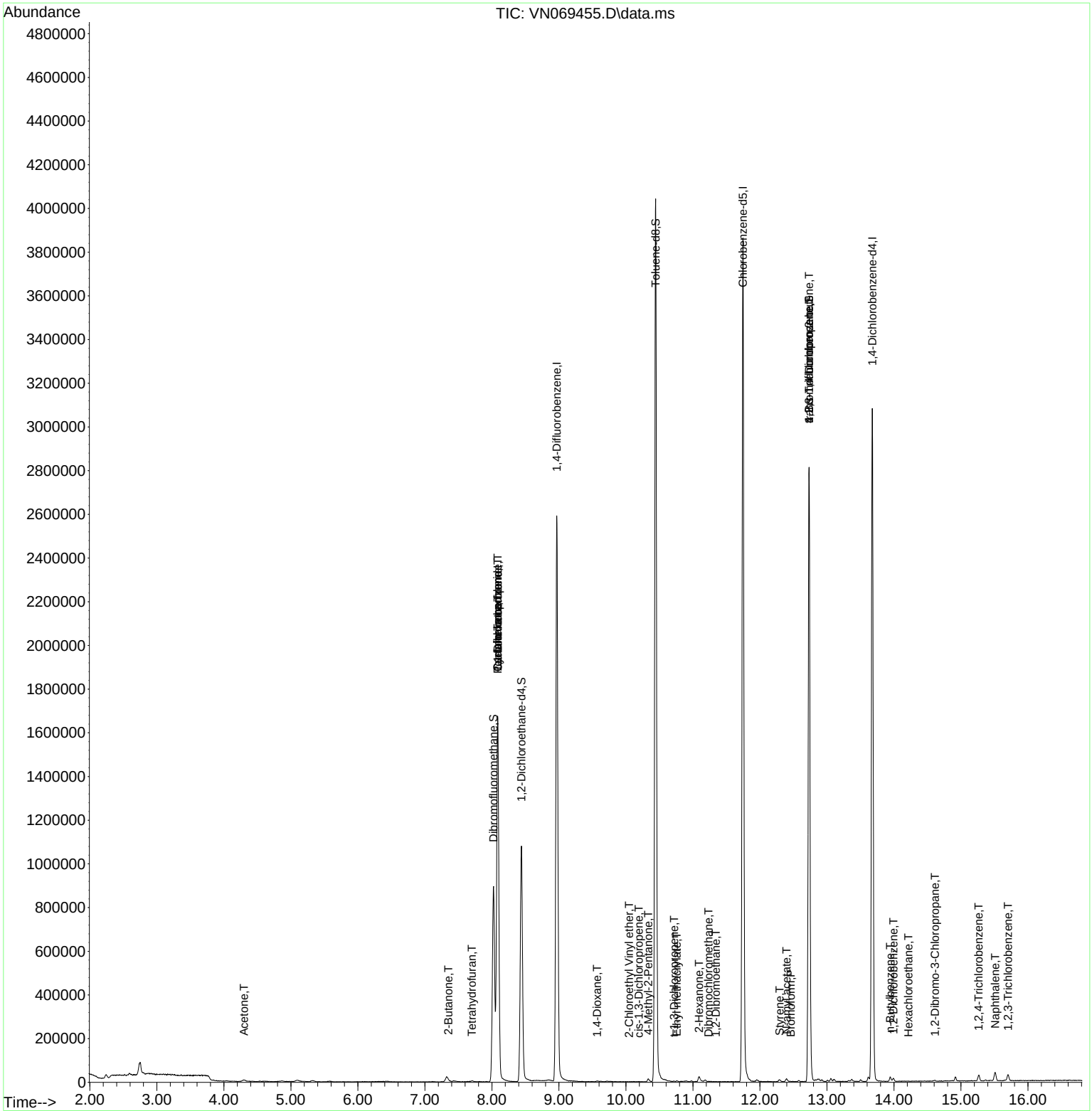
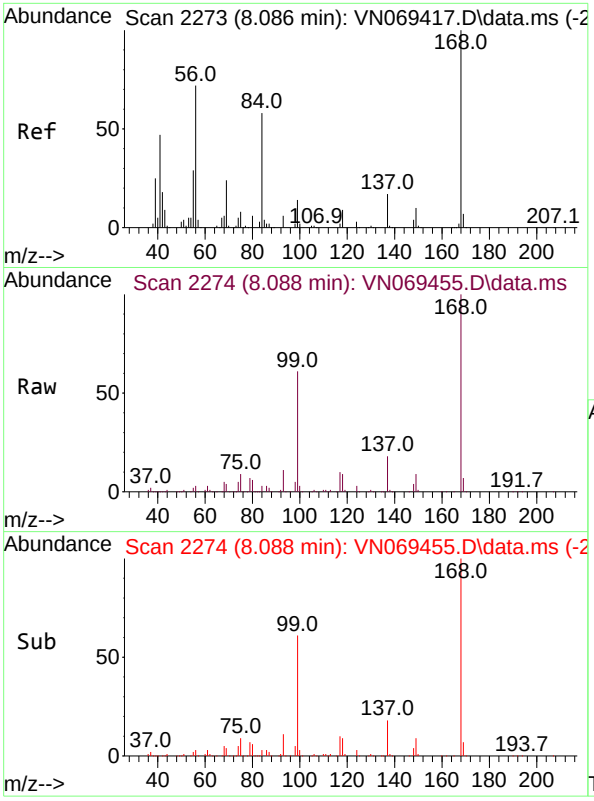
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 12 05:16:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration



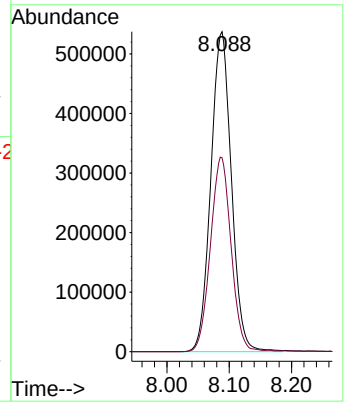


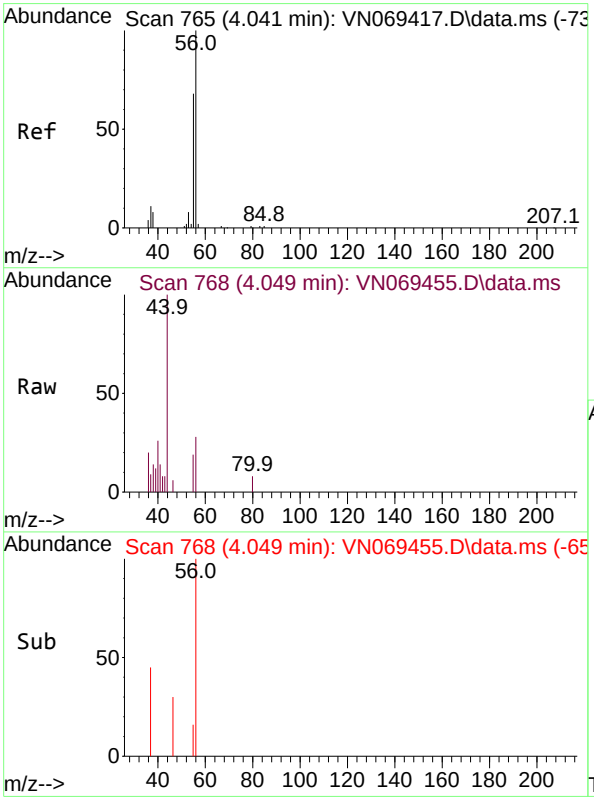
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2
Delta R.T. 0.002 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1229535

Ion	Ratio	Lower	Upper
168	100		
99	60.6	41.3	61.9

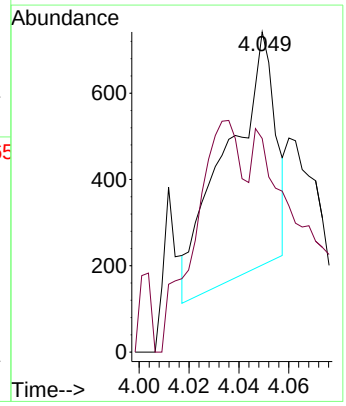


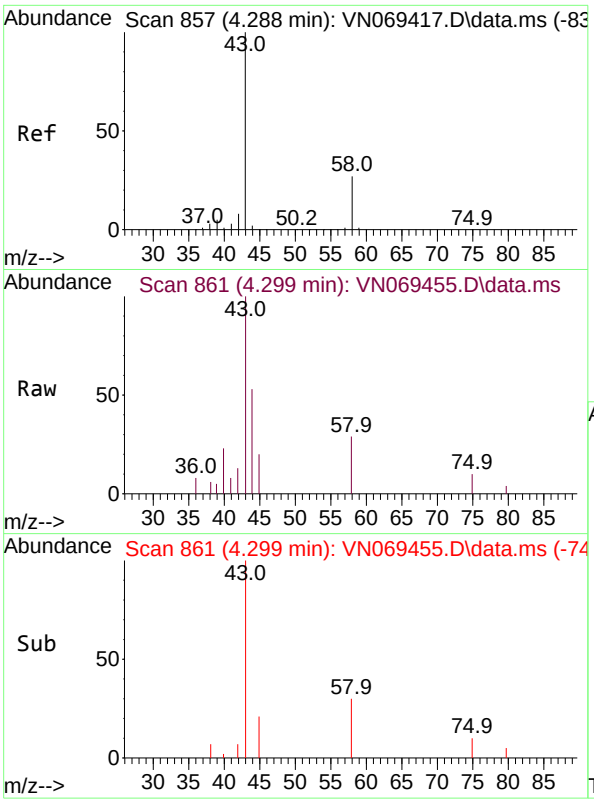


#13
Acrolein
Concen: Below Cal
RT: 4.049 min Scan# 768
Delta R.T. 0.008 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 56 Resp: 740

Ion	Ratio	Lower	Upper
56	100		
55	100.4	56.6	85.0#



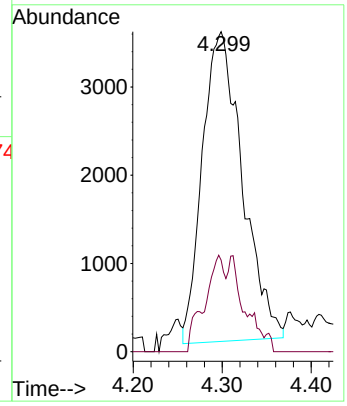


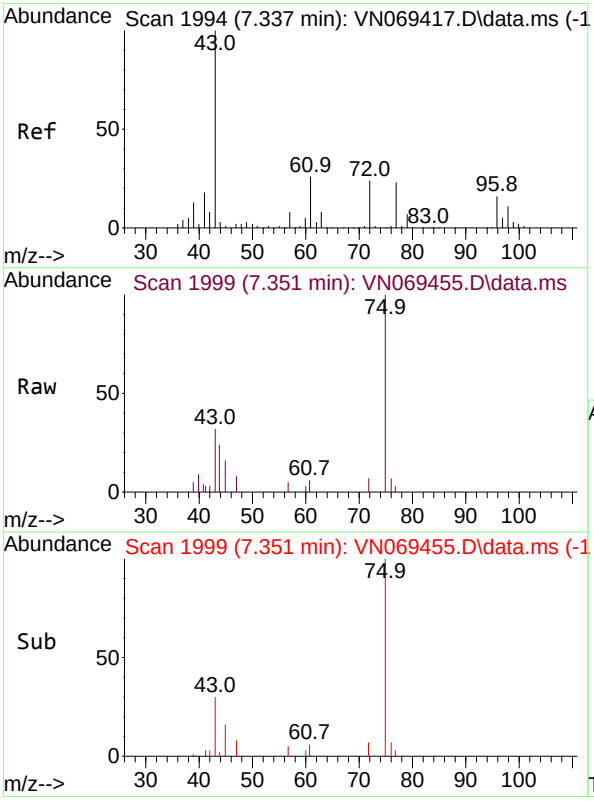
#16
Acetone
Concen: 1.139 ug/l
RT: 4.299 min Scan# 8
Delta R.T. 0.011 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10951

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.1	34.7

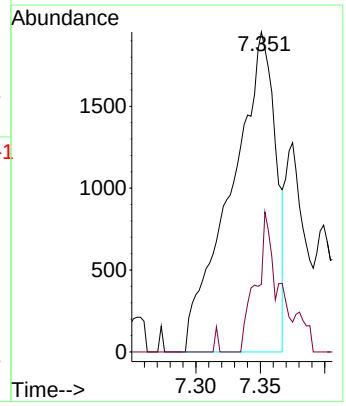


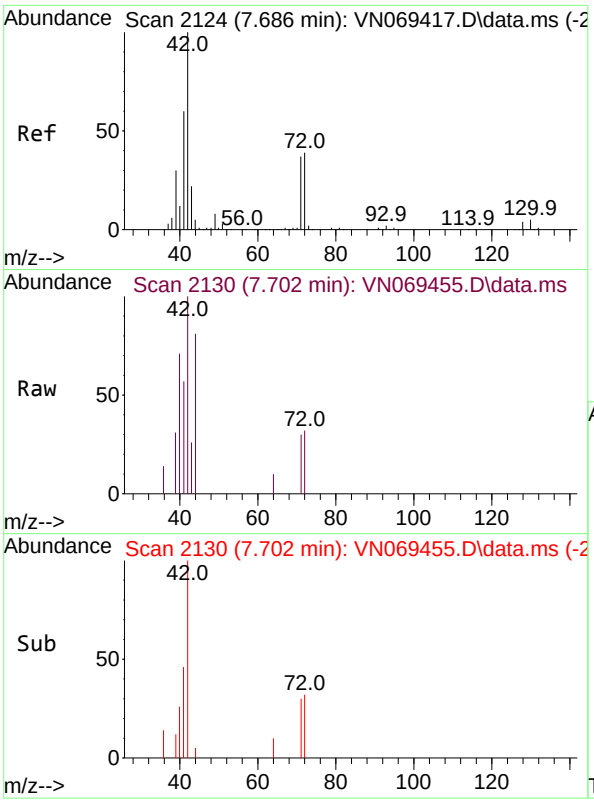


#25
2-Butanone
Concen: 0.359 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 43 Resp: 4680

Ion	Ratio	Lower	Upper
43	100		
72	21.1	21.7	32.5#



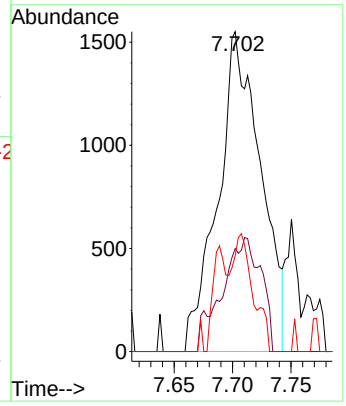


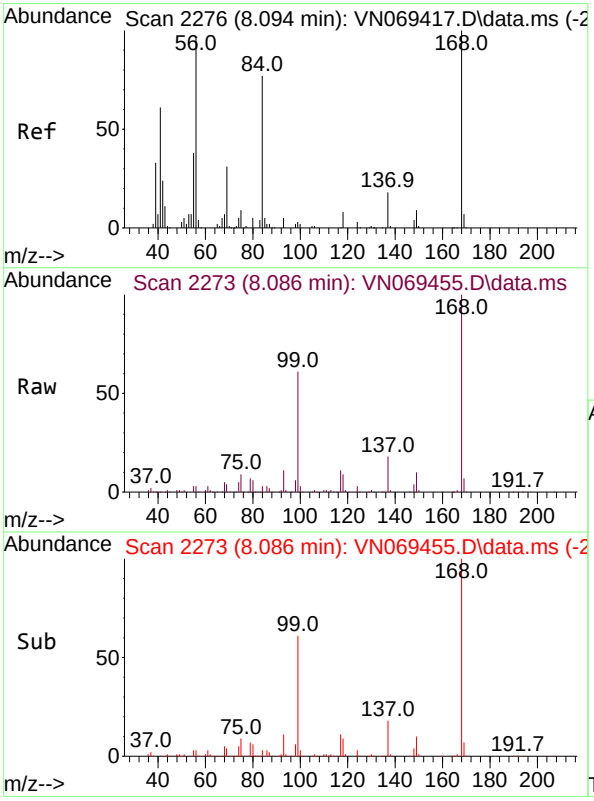
#29
Tetrahydrofuran
Concen: 0.493 ug/l
RT: 7.702 min Scan# 2
Delta R.T. 0.016 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3943

Ion	Ratio	Lower	Upper
42	100		
72	29.8	36.3	54.5#
71	17.4	34.7	52.1#

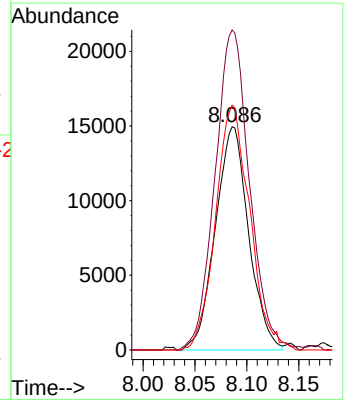


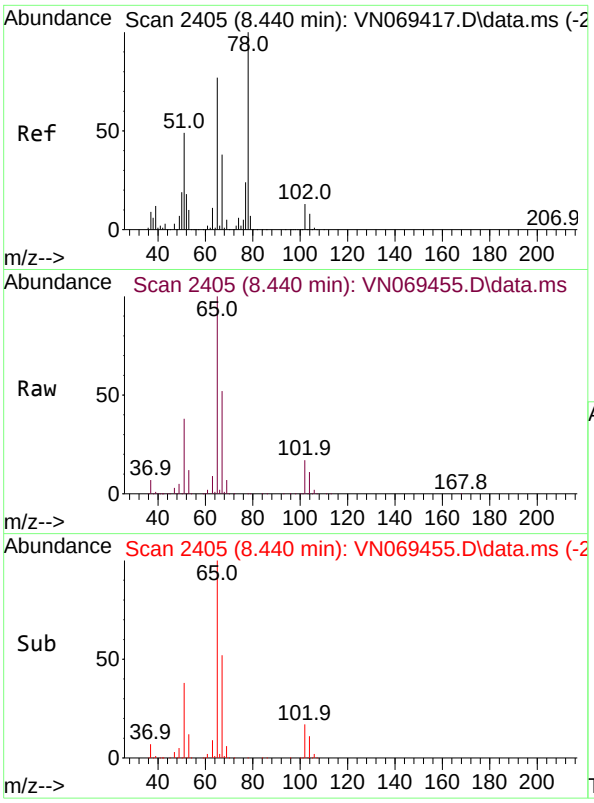


#31
Cyclohexane
Concen: 1.367 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 56 Resp: 33294

Ion	Ratio	Lower	Upper
56	100		
69	142.3	27.1	40.7#
84	109.7	73.4	110.0



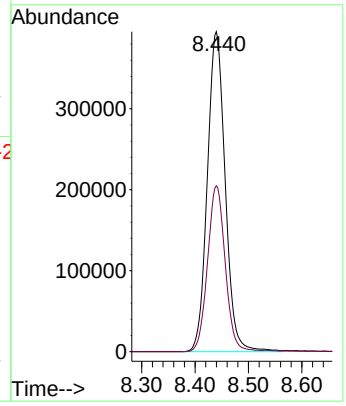


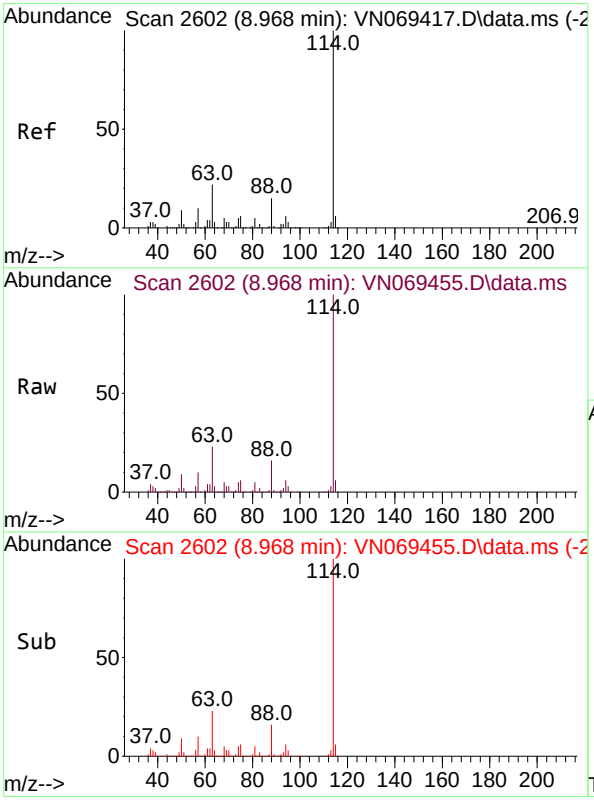
#33
1,2-Dichloroethane-d4
Concen: 51.555 ug/l
RT: 8.440 min Scan# 24
Delta R.T. -0.000 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 919094

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0

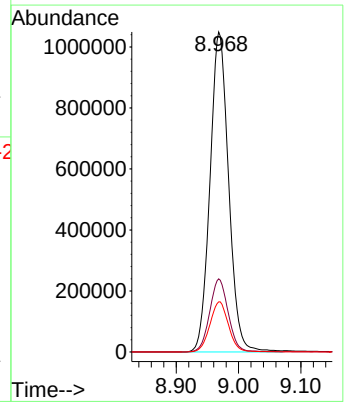


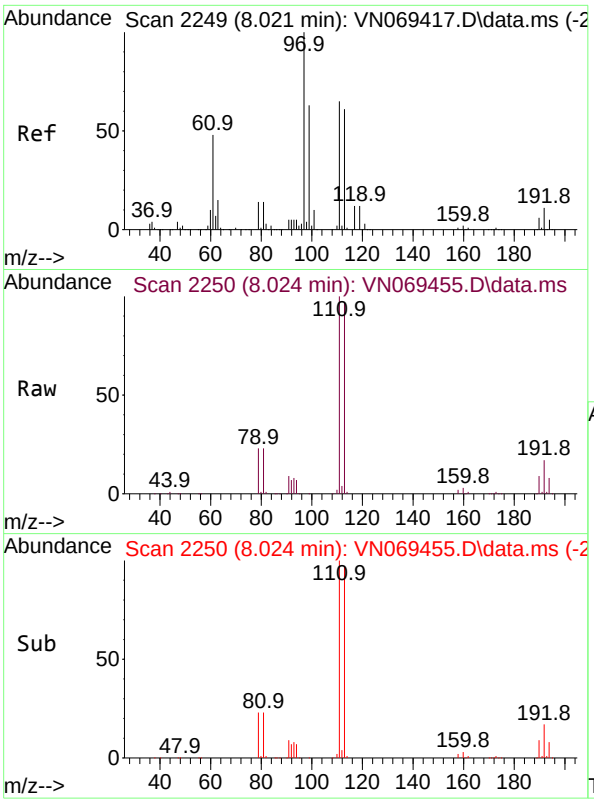


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion:114 Resp: 2182422

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	37.8
88	15.7	0.0	27.4



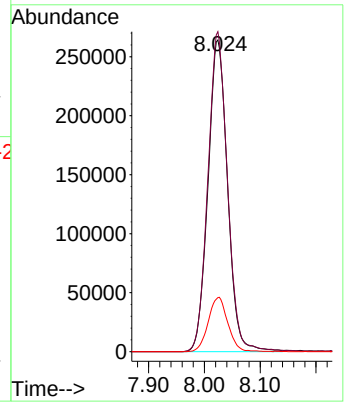


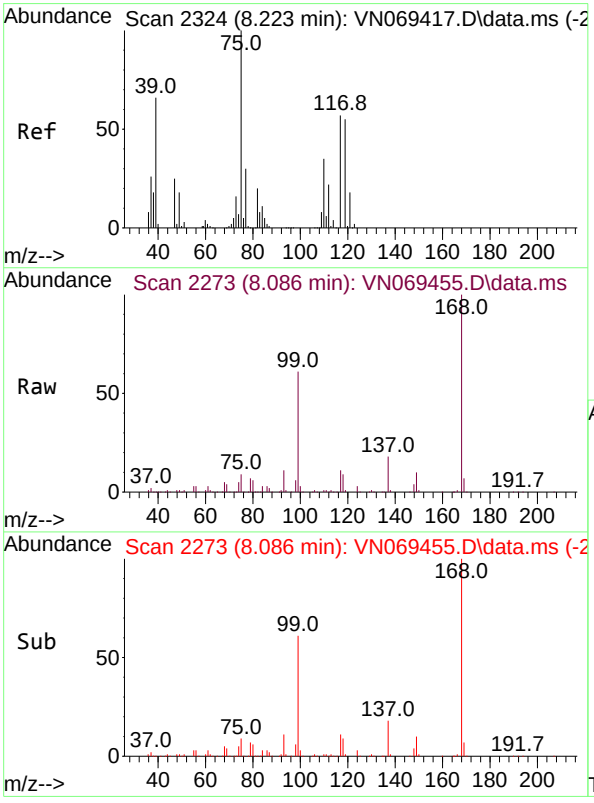
#35
Dibromofluoromethane
Concen: 49.288 ug/l
RT: 8.024 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 645149

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	17.5	16.9	25.3

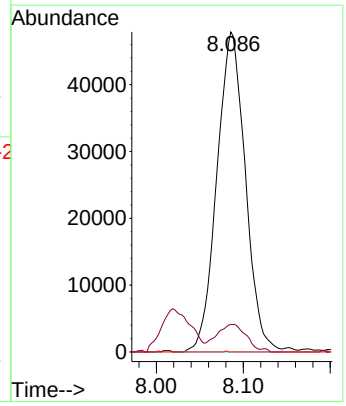


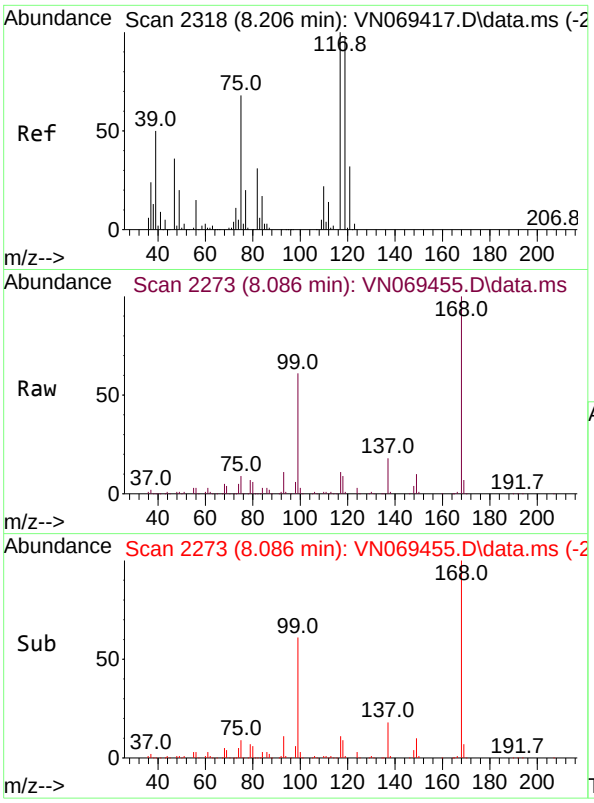


#36
1,1-Dichloropropene
Concen: 5.933 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 75 Resp: 108945

Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.4	55.2#
77	0.0	24.4	36.6#



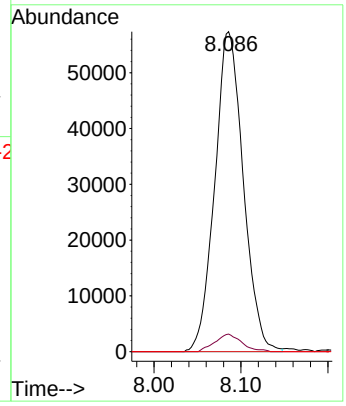


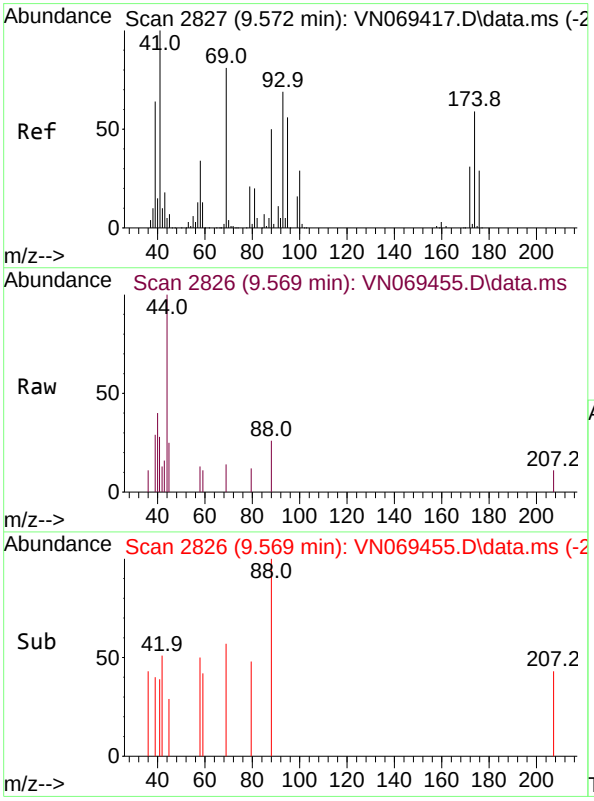
#38
Carbon Tetrachloride
Concen: 7.371 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.120 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 130679

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.1	114.1#
121	0.0	24.2	36.2#

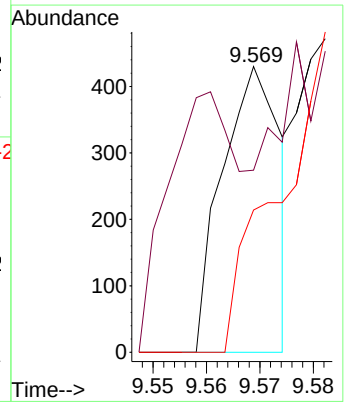


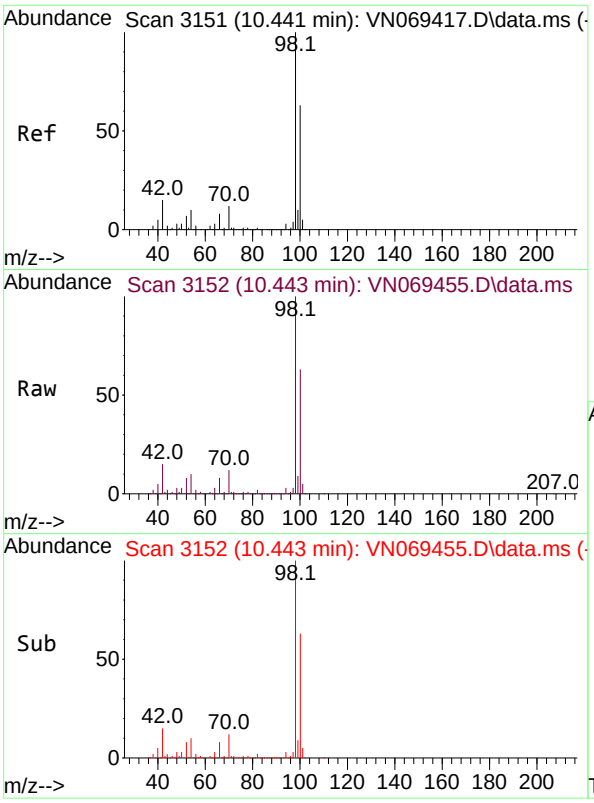


#49
1,4-Dioxane
Concen: 39.886 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 88 Resp: 320

Ion	Ratio	Lower	Upper
88	100		
43	106.9	23.4	35.2#
58	0.0	50.6	75.8#



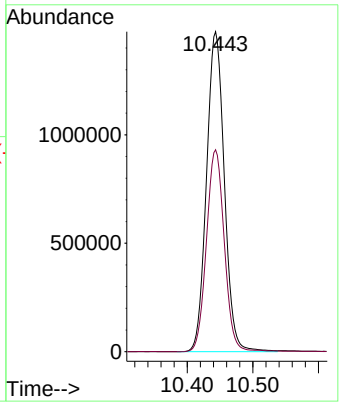


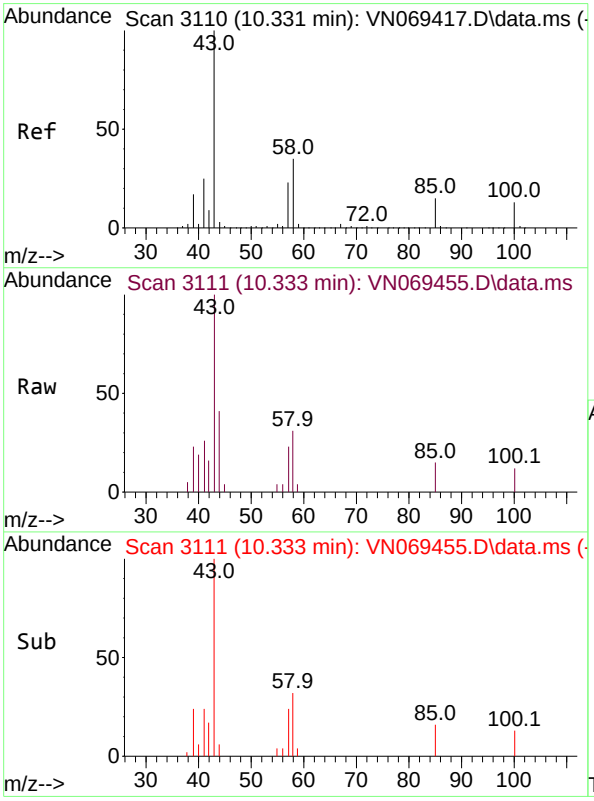
#50
Toluene-d8
Concen: 54.110 ug/l
RT: 10.443 min Scan# 3
Delta R.T. 0.002 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 2785549

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.4	75.6

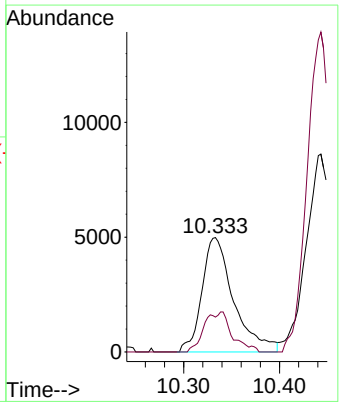


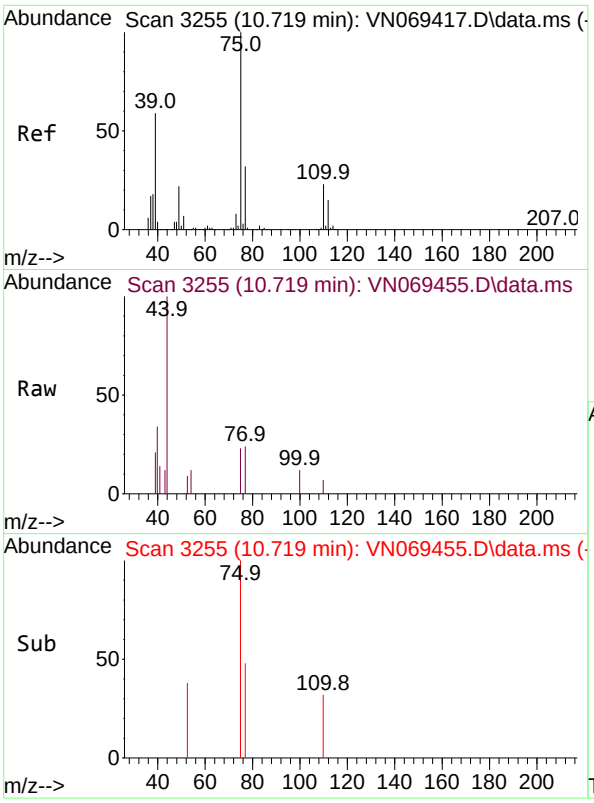


#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 43 Resp: 11485

Ion	Ratio	Lower	Upper
43	100		
58	14.2	30.4	45.6#



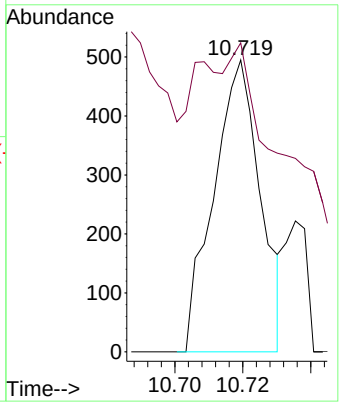


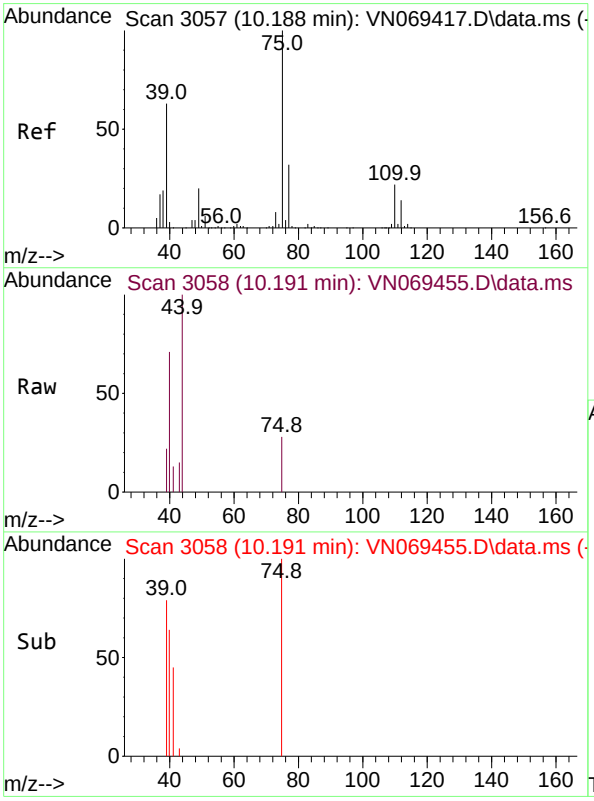
#53
t-1,3-Dichloropropene
Concen: 2.657 ug/l
RT: 10.719 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 473

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.6	38.4

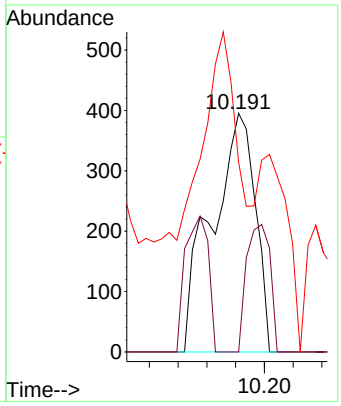


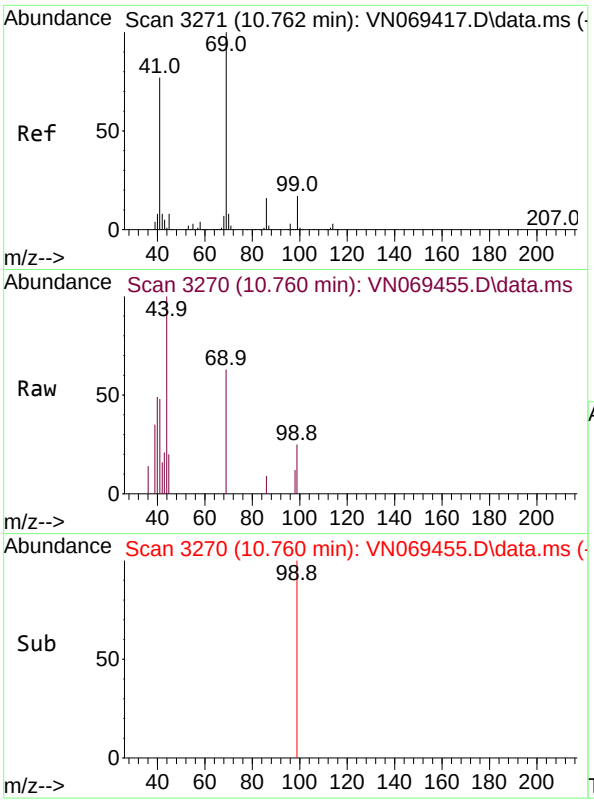


#54
cis-1,3-Dichloropropene
Concen: 1.749 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 75 Resp: 416

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.4	39.6#
39	32.7	42.5	63.7#



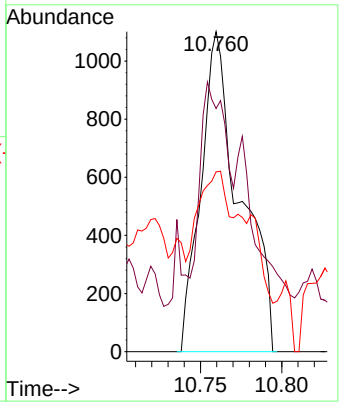


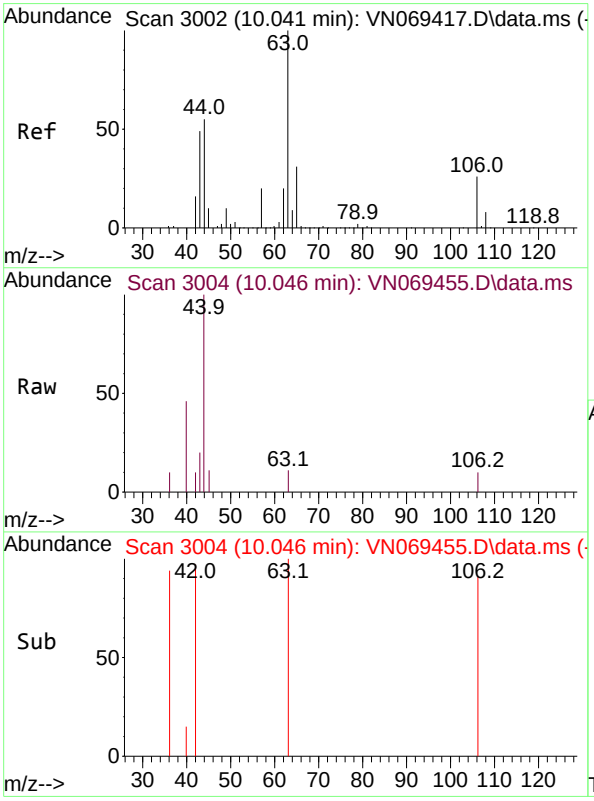
#56
Ethyl methacrylate
Concen: 2.119 ug/l
RT: 10.760 min Scan# 3
Delta R.T. -0.002 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 69 Resp: 1844

Ion	Ratio	Lower	Upper
69	100		
41	40.2	51.4	77.0#
39	49.6	34.6	52.0

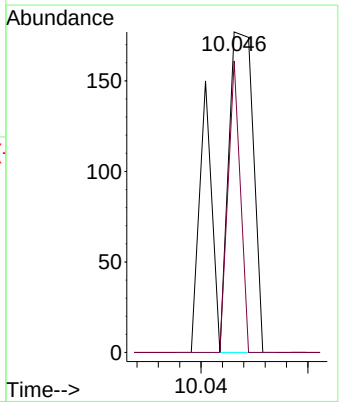


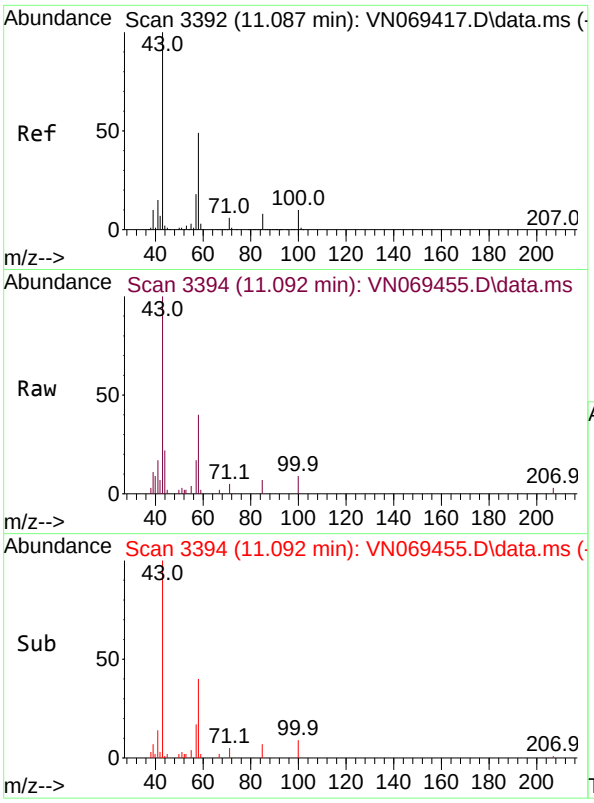


#58
2-Chloroethyl Vinyl ether
Concen: 22.781 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 63 Resp: 81

Ion	Ratio	Lower	Upper
63	100		
106	32.1	23.9	35.9



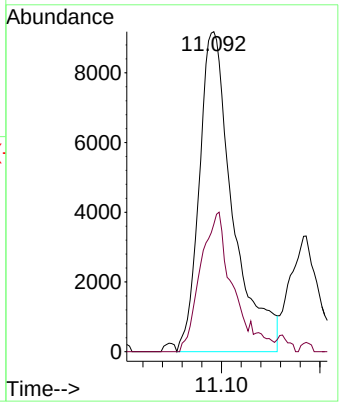


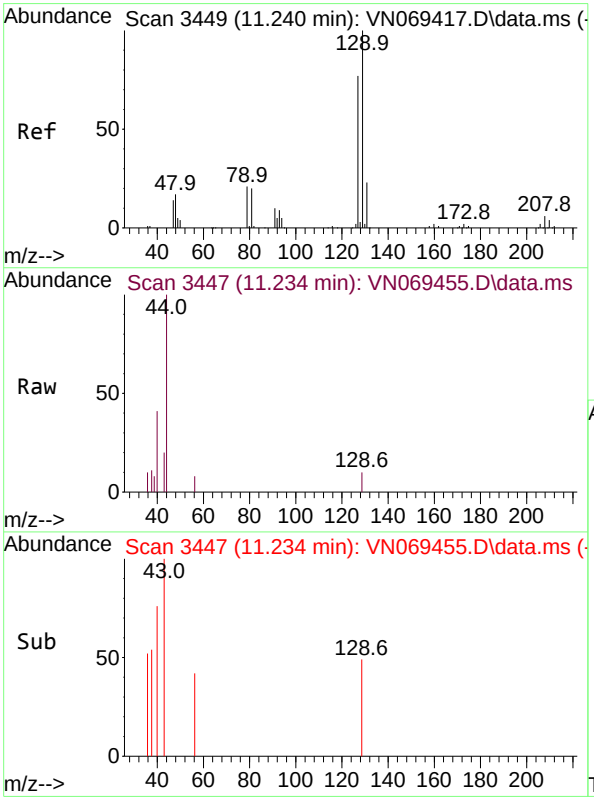
#59
2-Hexanone
Concen: 8.908 ug/l
RT: 11.092 min Scan# 3
Delta R.T. 0.005 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 21697

Ion	Ratio	Lower	Upper
43	100		
58	42.5	26.9	80.7

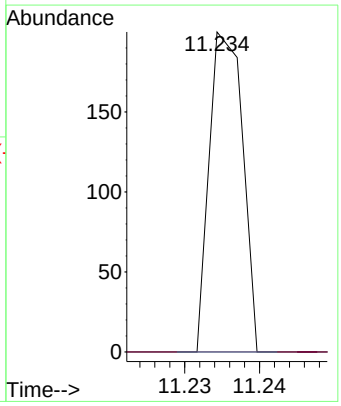


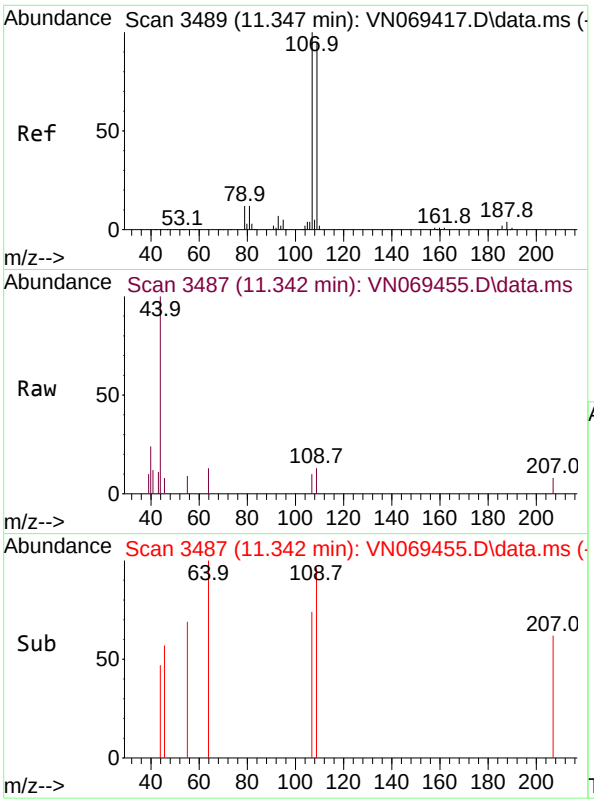


#60
Dibromochloromethane
Concen: 2.421 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.006 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion:129 Resp: 62

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	116.0#



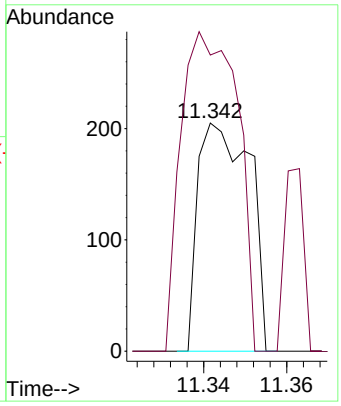


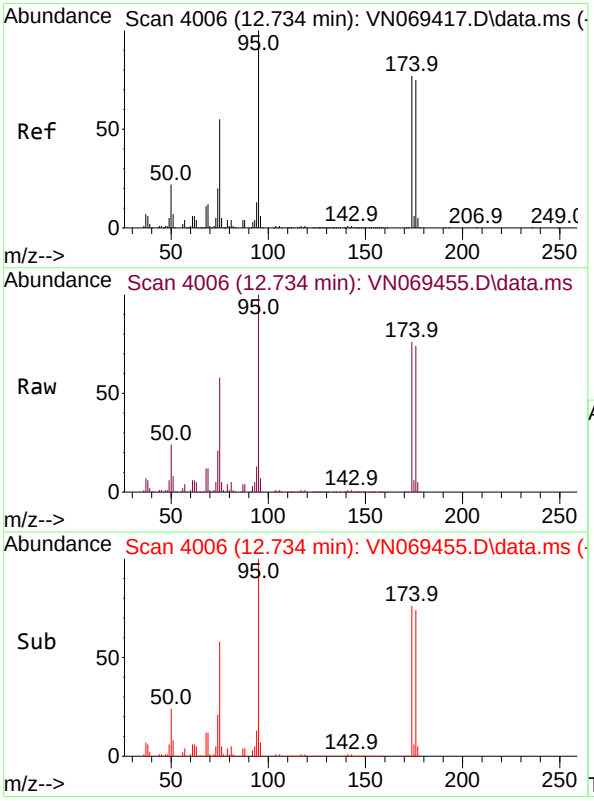
#61
1,2-Dibromoethane
Concen: 1.082 ug/l
RT: 11.342 min Scan# 34
Delta R.T. -0.005 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:107 Resp: 177

Ion	Ratio	Lower	Upper
107	100		
109	153.1	75.7	113.5#

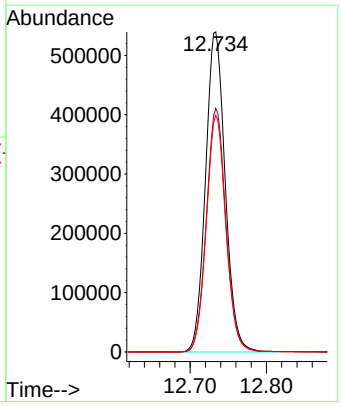


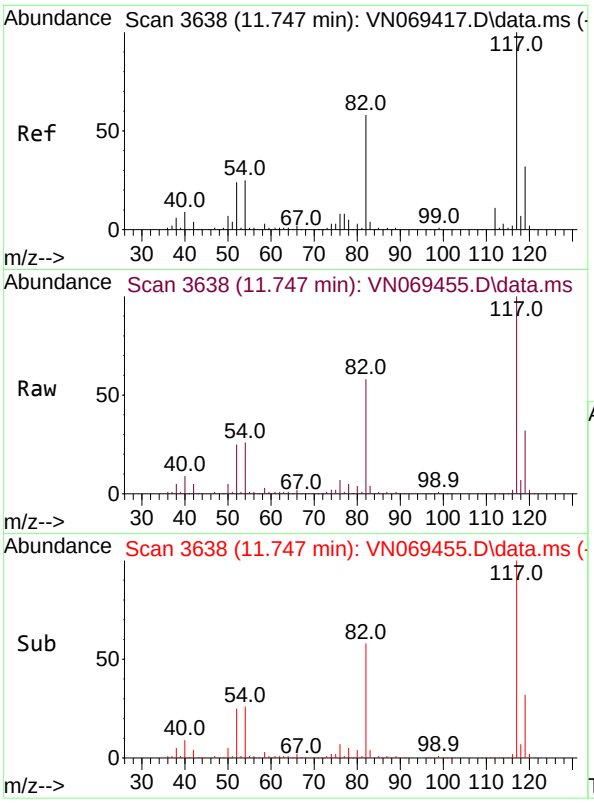


#62
4-Bromofluorobenzene
Concen: 51.036 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 95 Resp: 965174

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	187.2
176	73.4	0.0	181.4



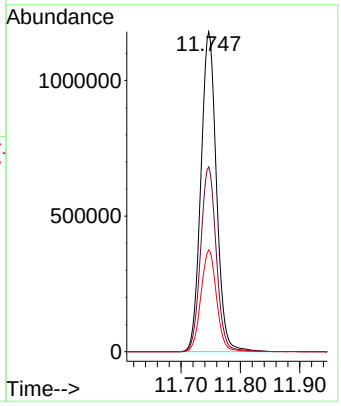


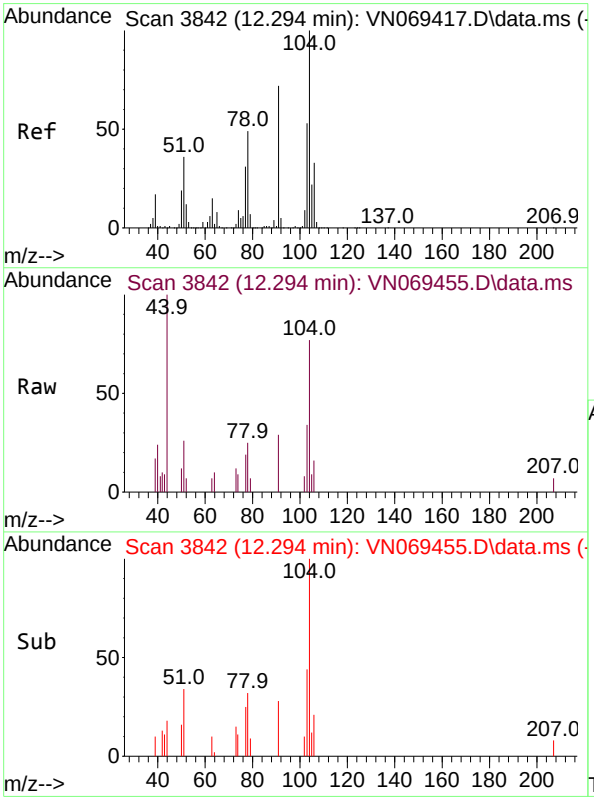
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 2143596

Ion	Ratio	Lower	Upper
117	100		
82	57.8	42.4	63.6
119	31.8	25.4	38.2

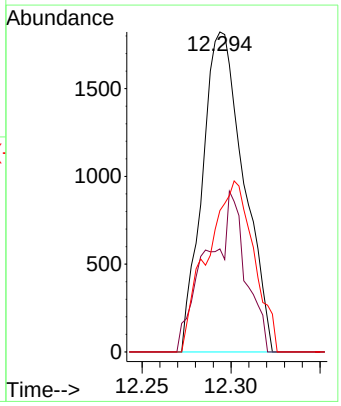


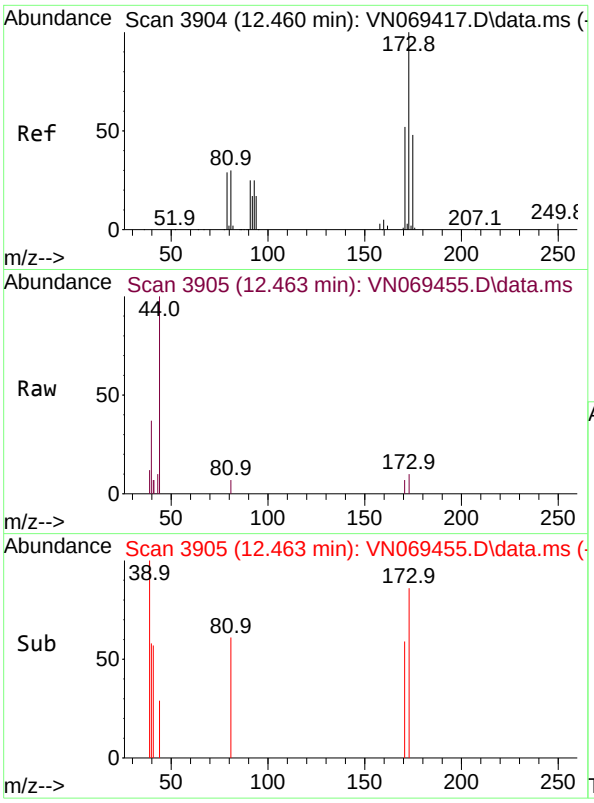


#70
Styrene
Concen: 1.579 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion:104 Resp: 2947

Ion	Ratio	Lower	Upper
104	100		
78	22.5	38.7	58.1#
103	59.9	45.0	67.6



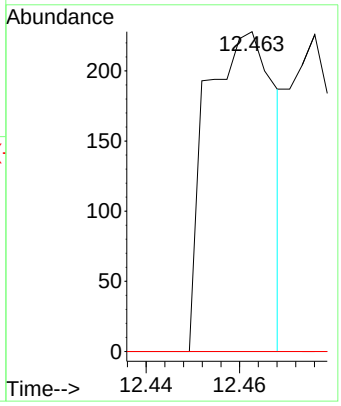


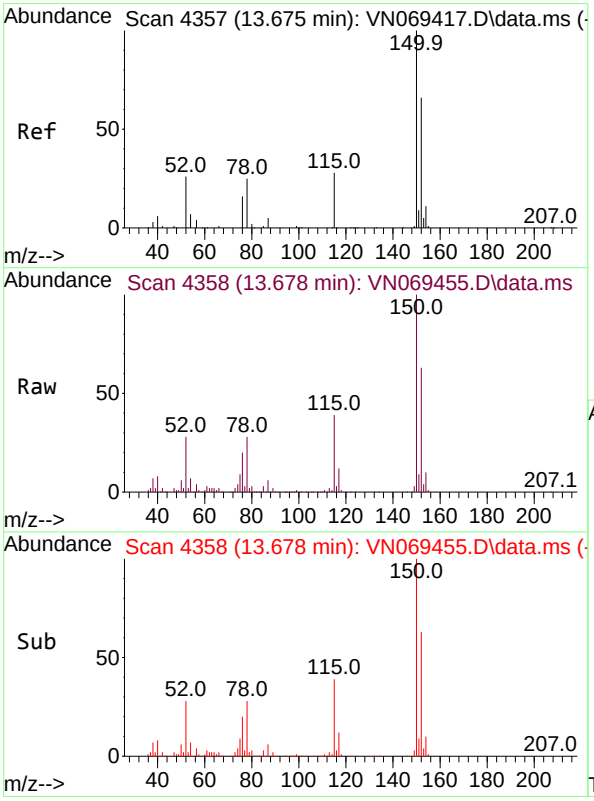
#71
Bromoform
Concen: 3.445 ug/l
RT: 12.463 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 228

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

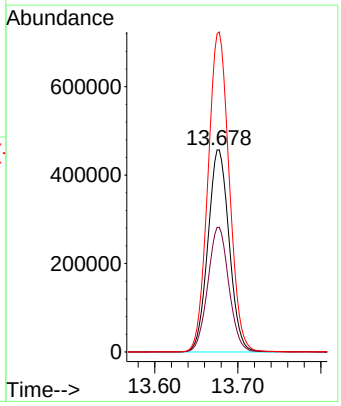


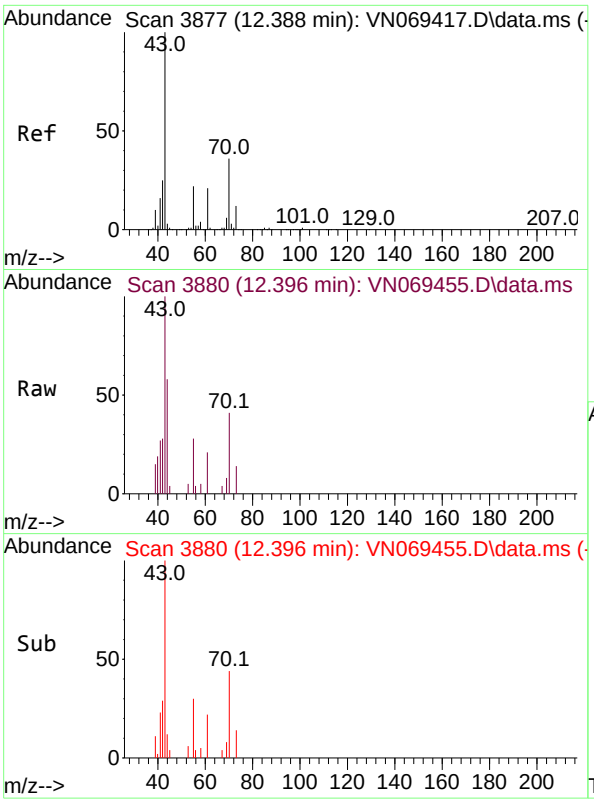


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion:152 Resp: 810232

Ion	Ratio	Lower	Upper
152	100		
115	61.4	27.5	82.5
150	158.2	0.0	344.4



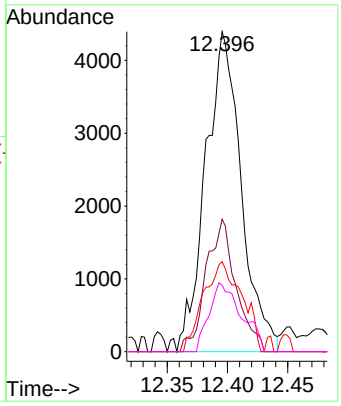


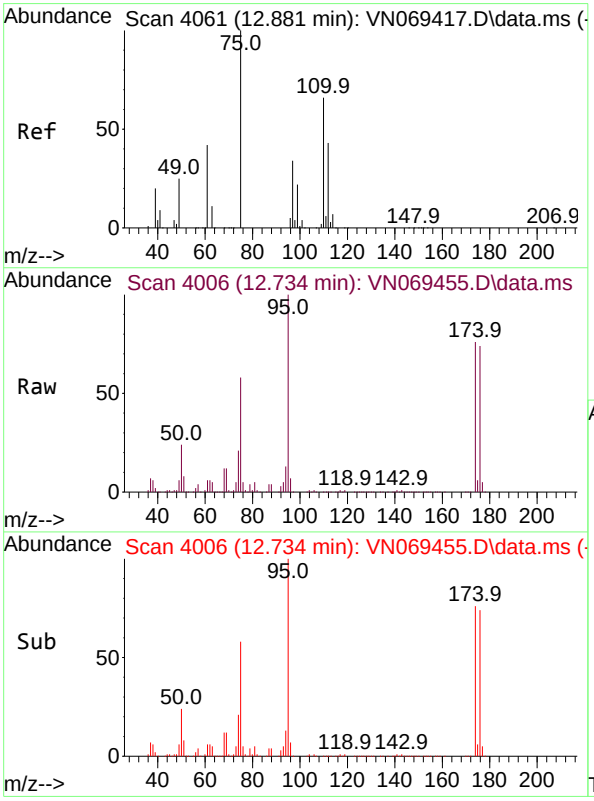
#74
N-amyl acetate
Concen: 0.330 ug/l
RT: 12.396 min Scan# 3
Delta R.T. 0.008 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9019

Ion	Ratio	Lower	Upper
43	100		
70	35.0	33.4	50.0
55	30.2	19.3	28.9#
61	19.5	18.5	27.7

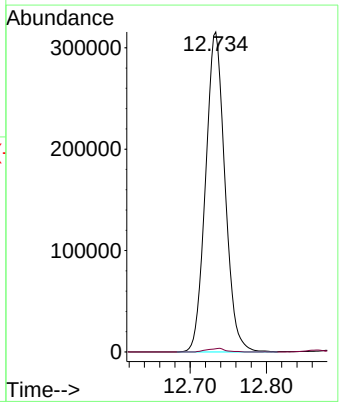


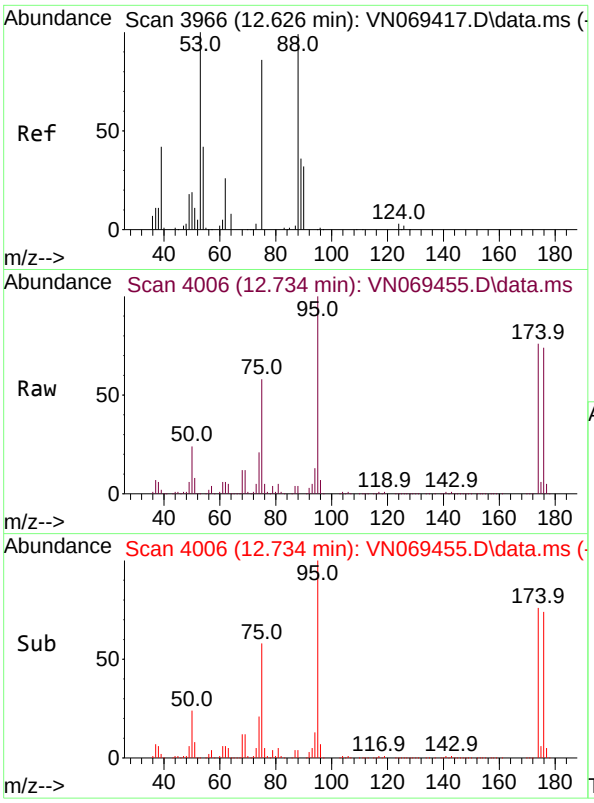


#76
1,2,3-Trichloropropane
Concen: 29.760 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 75 Resp: 556470

Ion	Ratio	Lower	Upper
75	100		
77	1.1	82.6	247.8#



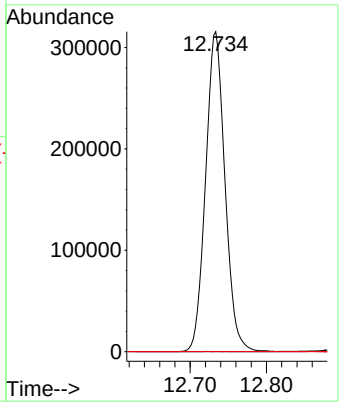


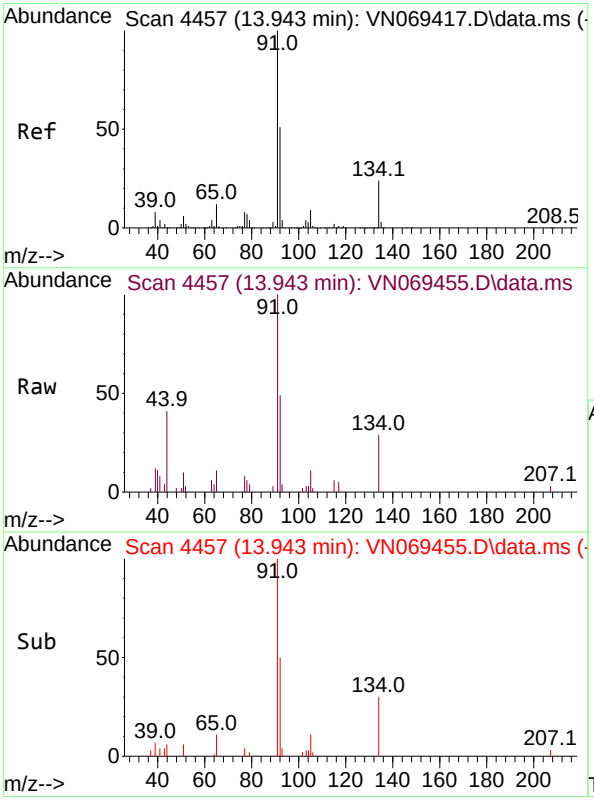
#81
trans-1,4-Dichloro-2-butene
Concen: 84.121 ug/l
RT: 12.734 min Scan# 4
Delta R.T. 0.108 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 556470

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	38.2	57.4#

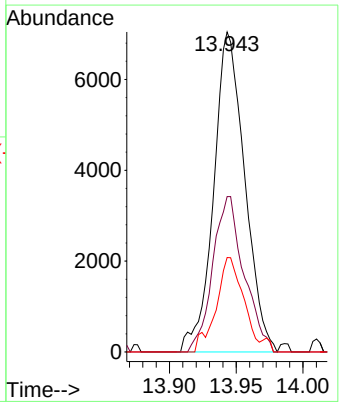


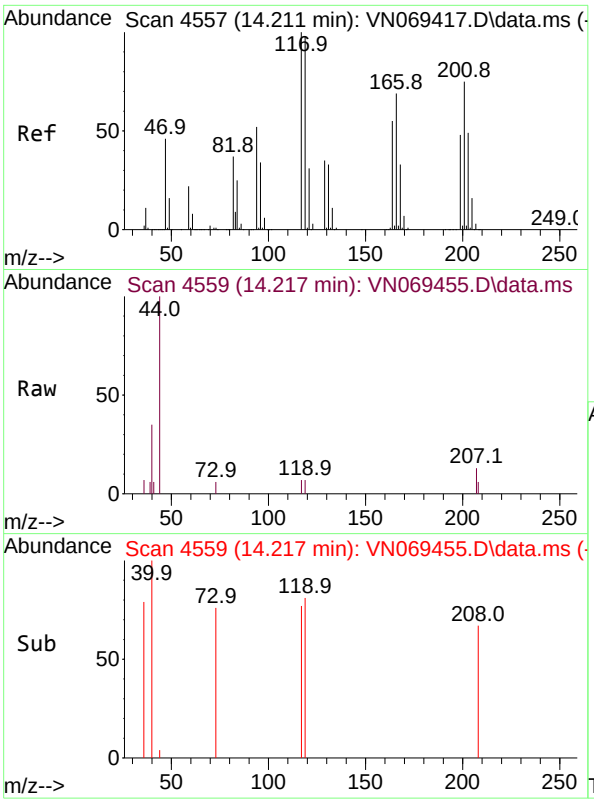


#89
n-Butylbenzene
Concen: 0.270 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion: 91 Resp: 11411

Ion	Ratio	Lower	Upper
91	100		
92	48.8	25.4	76.0
134	25.8	13.6	40.8



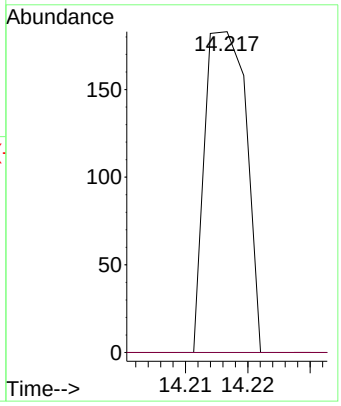


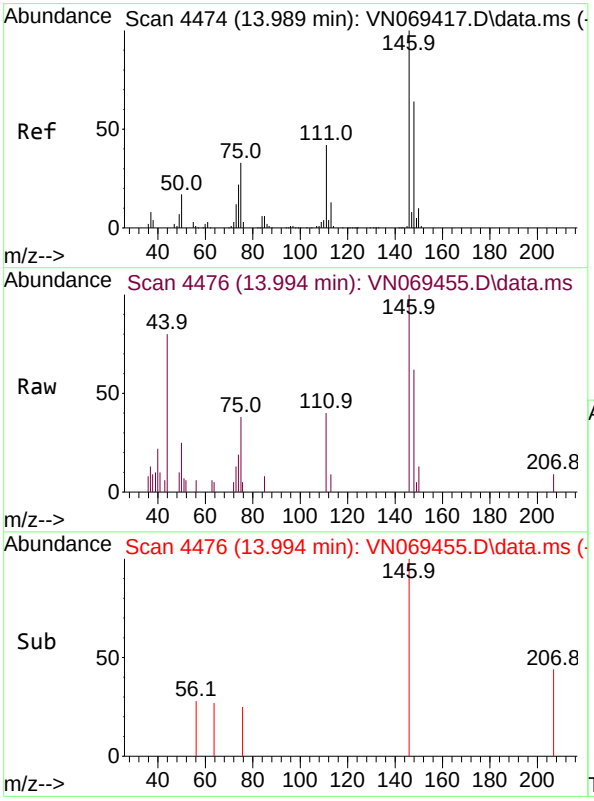
#90
Hexachloroethane
Concen: 2.171 ug/l
RT: 14.217 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 84

Ion	Ratio	Lower	Upper
117	100		
201	0.0	43.9	131.6#

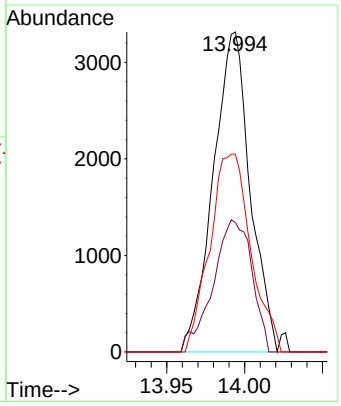


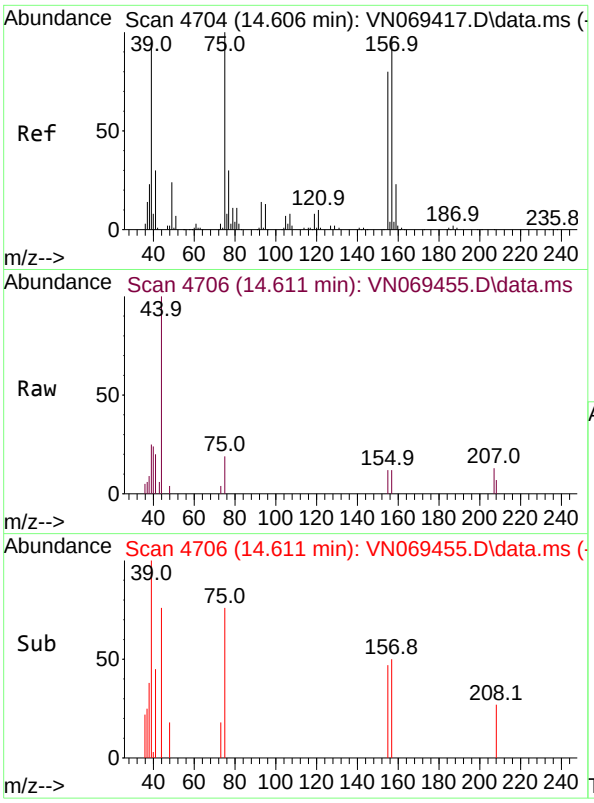


#91
1,2-Dichlorobenzene
Concen: 0.224 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.005 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion:146 Resp: 5454

Ion	Ratio	Lower	Upper
146	100		
111	43.6	19.1	57.3
148	68.9	32.1	96.3



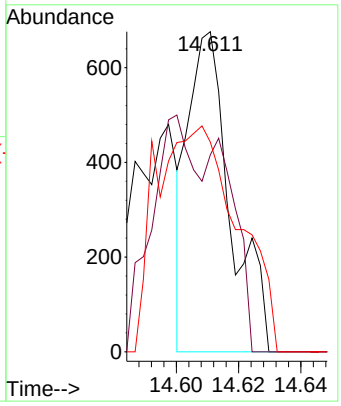


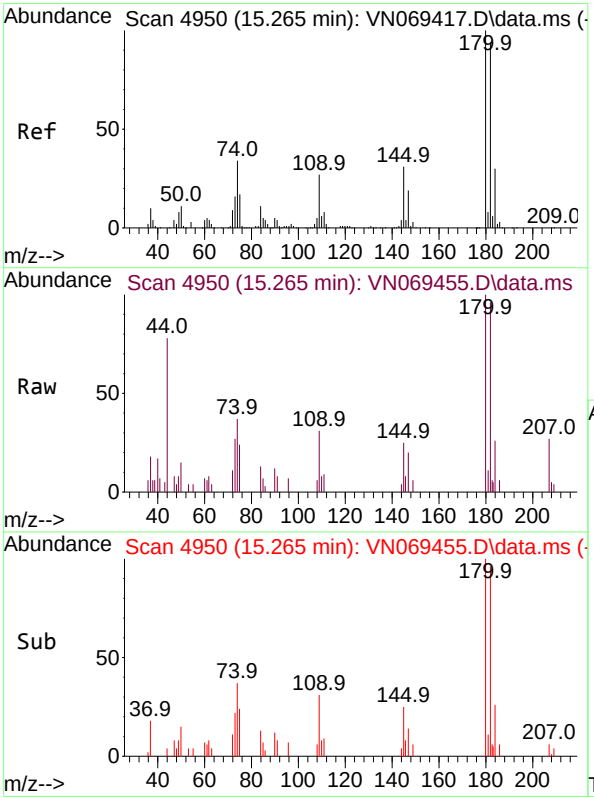
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.950 ug/l
RT: 14.611 min Scan# 4
Delta R.T. 0.005 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 641

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.9	140.7#
157	135.9	60.6	181.7

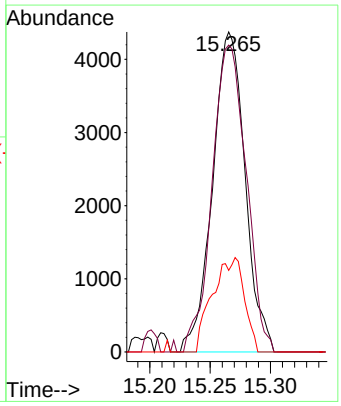


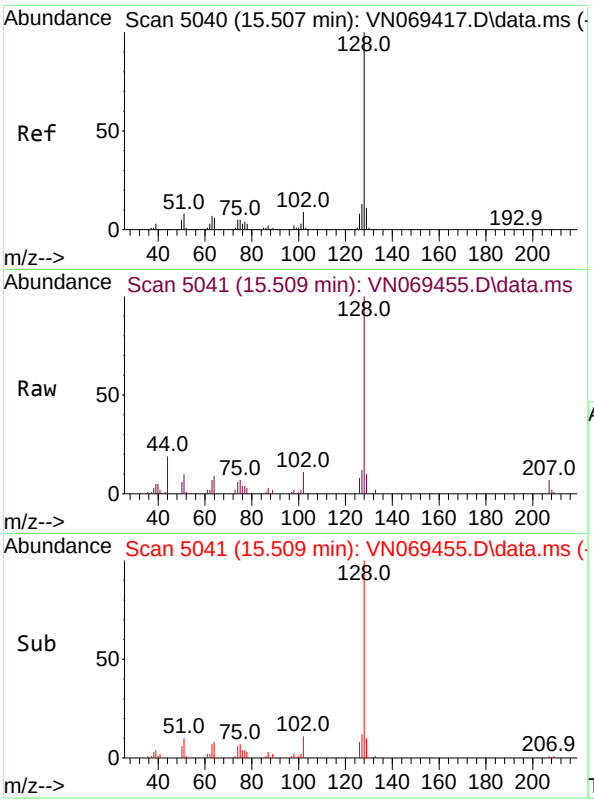


#93
1,2,4-Trichlorobenzene
Concen: 3.717 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion:180 Resp: 8210

Ion	Ratio	Lower	Upper
180	100		
182	100.5	48.3	144.9
145	16.2	14.5	43.5



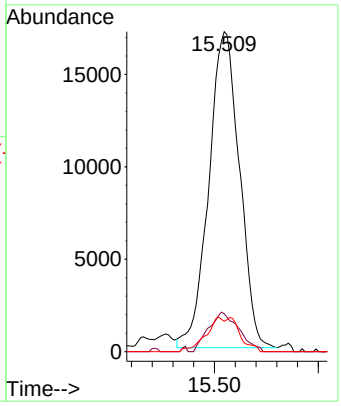


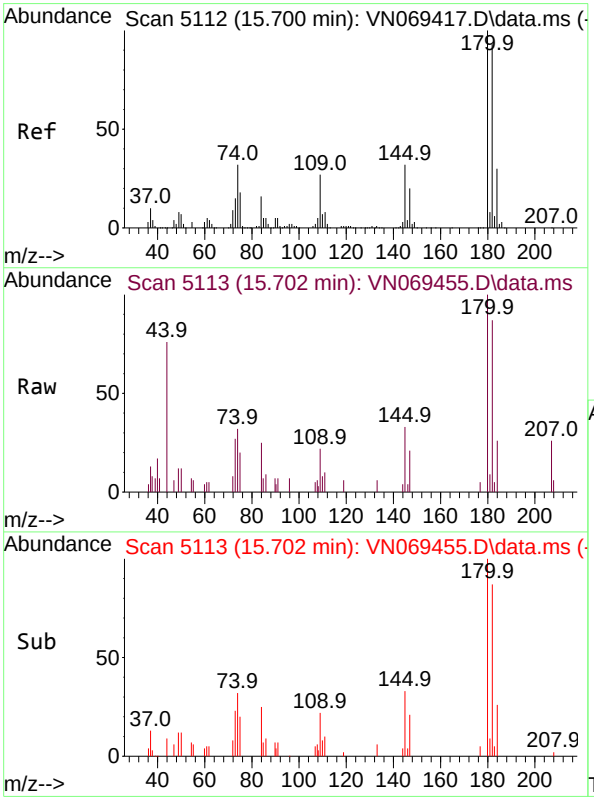
#95
Naphthalene
Concen: 5.340 ug/l
RT: 15.509 min Scan# 5
Delta R.T. 0.002 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 35094

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	6.5	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 3.905 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069455.D
Acq: 11 Nov 2021 14:27

Tgt Ion:180 Resp: 9577

Ion	Ratio	Lower	Upper
180	100		
182	90.5	47.4	142.2
145	33.4	15.0	45.1