Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
Data File : VN069887.D
Acq On : 9 Dec 2021 3:04
Operator : JC/MD
Sample : PB141231ZHE#12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Quant Time: Dec 09 11:55:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.086	168	1301937	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.968	114	2417777	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.744	117	2649589	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1064483	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.437	65	1029699	51.224	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.440%				
35) Dibromofluoromethane	8.024	113	718779	47.462	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.920%				
50) Toluene-d8	10.441	98	3149234	51.788	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.580%				
62) 4-Bromofluorobenzene	12.731	95	1258812	57.140	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.280%				
Target Compounds							Qvalue
16) Acetone	4.291	43	87685	7.251	ug/l		96
18) Methyl Acetate	4.865	43	49073	1.344	ug/l	#	67
20) Methylene Chloride	5.103	84	44165	2.747	ug/l		93
25) 2-Butanone	7.348	43	17877	1.088	ug/l	#	88
29) Tetrahydrofuran	7.694	42	2015	0.202	ug/l	#	82
31) Cyclohexane	8.088	56	35008	1.251	ug/l	#	42
36) 1,1-Dichloropropene	8.083	75	109988	4.779	ug/l	#	49
38) Carbon Tetrachloride	8.088	117	131839	5.841	ug/l	#	16
43) Isopropyl Acetate	8.563	43	223236	4.404	ug/l	#	79
45) 1,2-Dichloropropane	9.623	63	10069	0.533	ug/l	#	44
48) Methyl methacrylate	9.542	41	41902	1.771	ug/l	#	8
49) 1,4-Dioxane	9.572	88	182	0.429	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.331	43	24107	0.733	ug/l		89
53) t-1,3-Dichloropropene	10.714	75	224	2.802	ug/l	#	72
54) cis-1,3-Dichloropropene	10.245	75	230043	9.456	ug/l	#	72
56) Ethyl methacrylate	10.703	69	971	2.308	ug/l	#	24
57) 1,3-Dichloropropane	11.090	76	136415	4.470	ug/l	#	43
59) 2-Hexanone	11.090	43	2394576	96.252	ug/l	#	48
60) Dibromochloromethane	11.495	129	1676	2.462	ug/l	#	11
71) Bromoform	12.709	173	461	2.758	ug/l	#	29
74) N-amyl acetate	12.197	43	94737	2.262	ug/l	#	51
76) 1,2,3-Trichloropropane	12.731	75	701866	22.992	ug/l	#	1
80) 1,3,5-Trimethylbenzene	13.058	105	24151	0.317	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.731	75	701866	73.198	ug/l	#	5
93) 1,2,4-Trichlorobenzene	15.268	180	806	2.921	ug/l	#	78
95) Naphthalene	15.509	128	1822	4.017	ug/l	#	82
96) 1,2,3-Trichlorobenzene	15.697	180	961	2.489	ug/l		84

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
Data File : VN069887.D
Acq On : 9 Dec 2021 3:04
Operator : JC/MD
Sample : PB141231ZHE#12
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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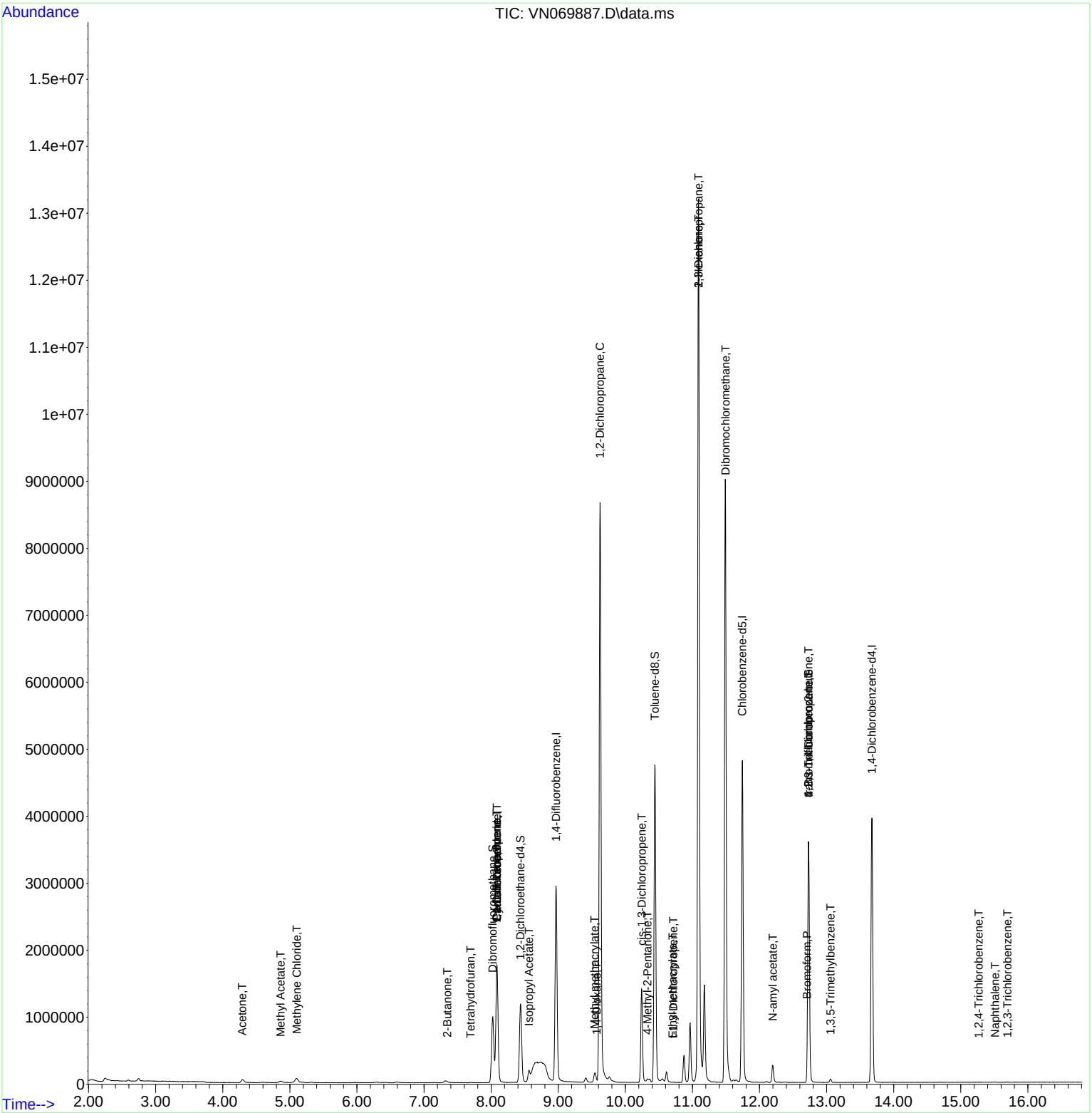
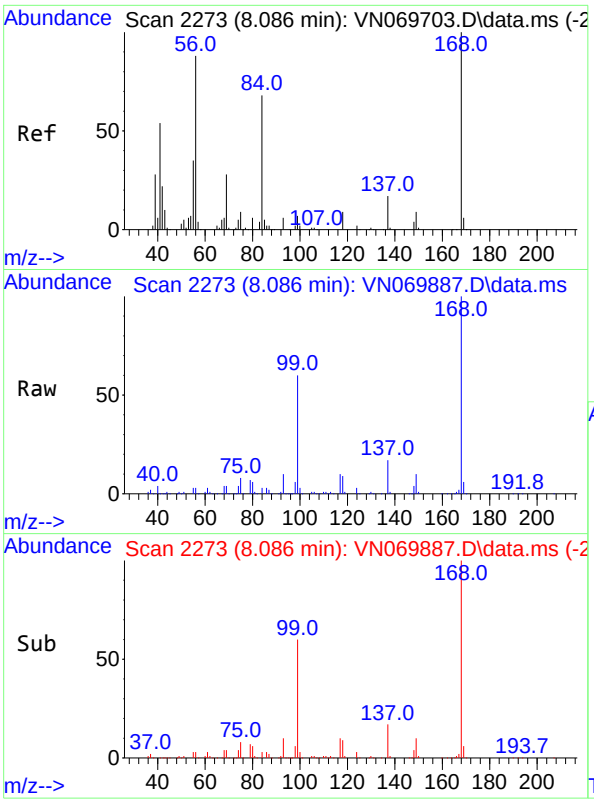
PB141231ZHE#12

Quant Time: Dec 09 11:55:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration



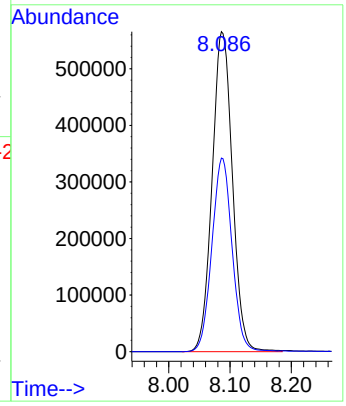


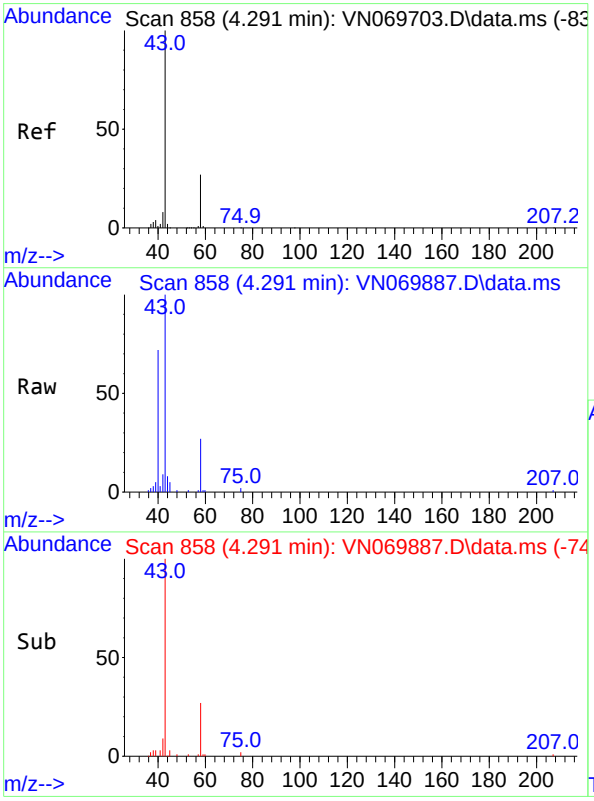
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion:168 Resp: 1301937

Ion	Ratio	Lower	Upper
168	100		
99	60.5	41.3	61.9

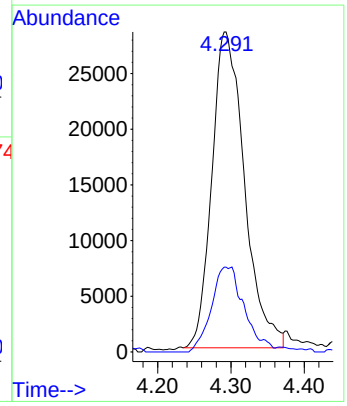


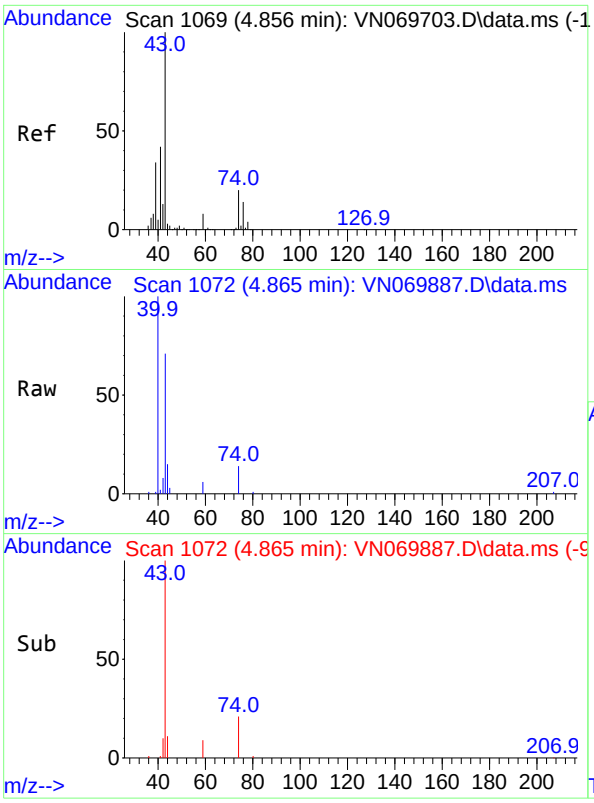


#16
Acetone
Concen: 7.251 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 43 Resp: 87685

Ion	Ratio	Lower	Upper
43	100		
58	26.9	23.1	34.7



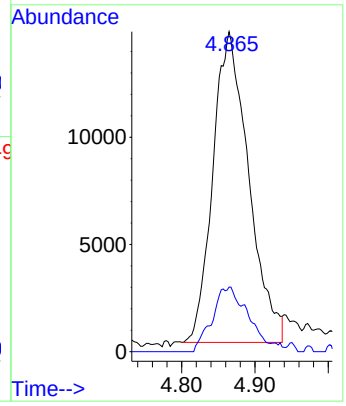


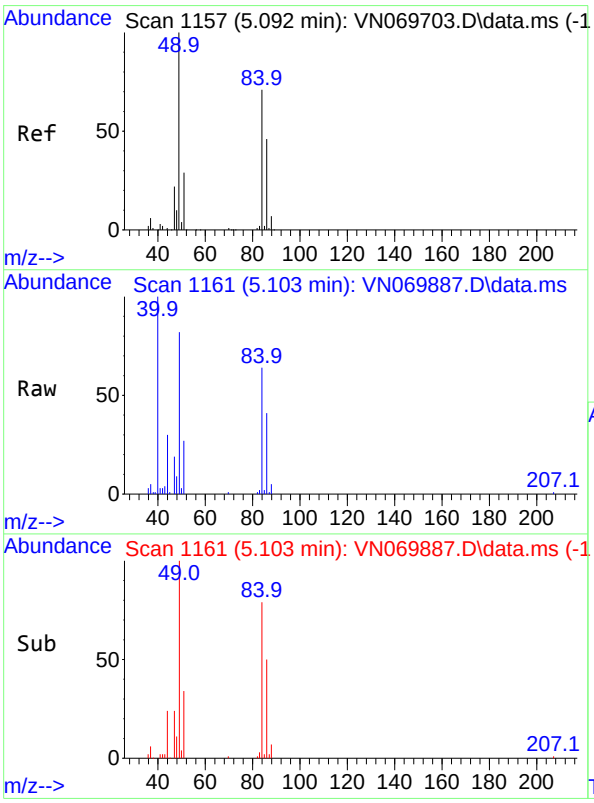
#18
Methyl Acetate
Concen: 1.344 ug/l
RT: 4.865 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 43 Resp: 49073

Ion	Ratio	Lower	Upper
43	100		
74	8.1	19.4	29.2#

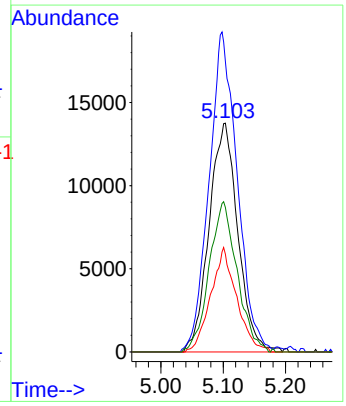


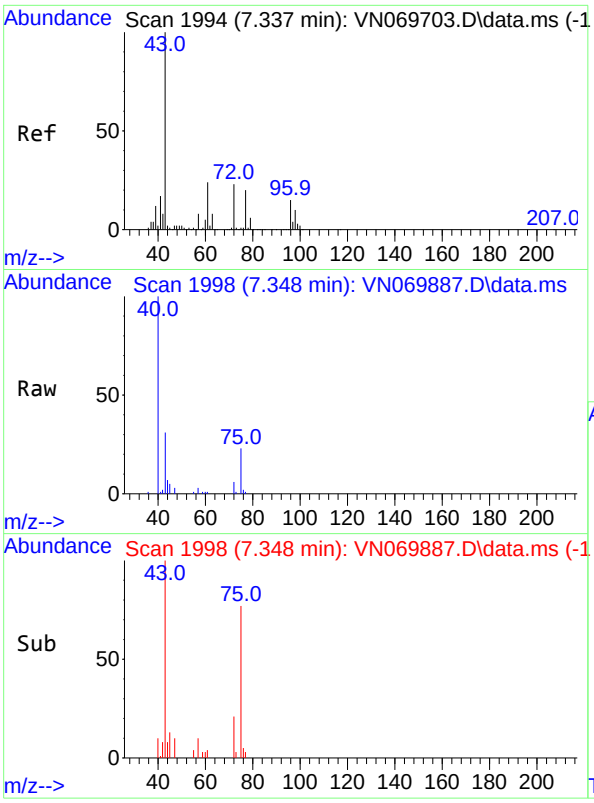


#20
Methylene Chloride
Concen: 2.747 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.011 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 84 Resp: 44165

Ion	Ratio	Lower	Upper
84	100		
49	125.7	93.5	140.3
51	42.7	29.4	44.2
86	63.1	53.0	79.4



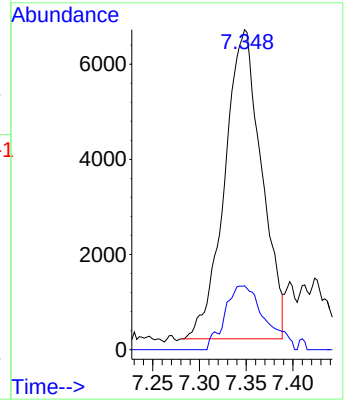


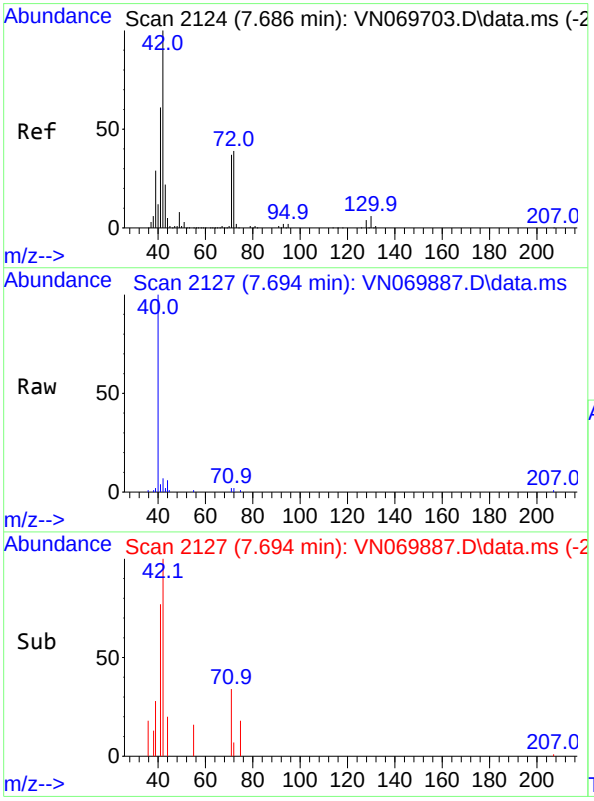
#25
2-Butanone
Concen: 1.088 ug/l
RT: 7.348 min Scan# 1
Delta R.T. 0.011 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 43 Resp: 17877

Ion	Ratio	Lower	Upper
43	100		
72	20.6	21.7	32.5#

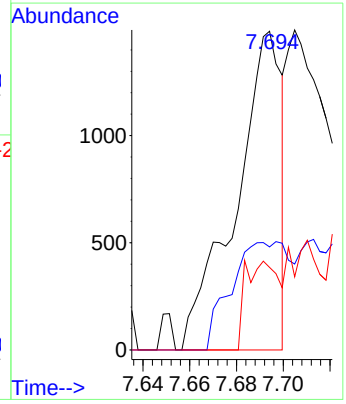


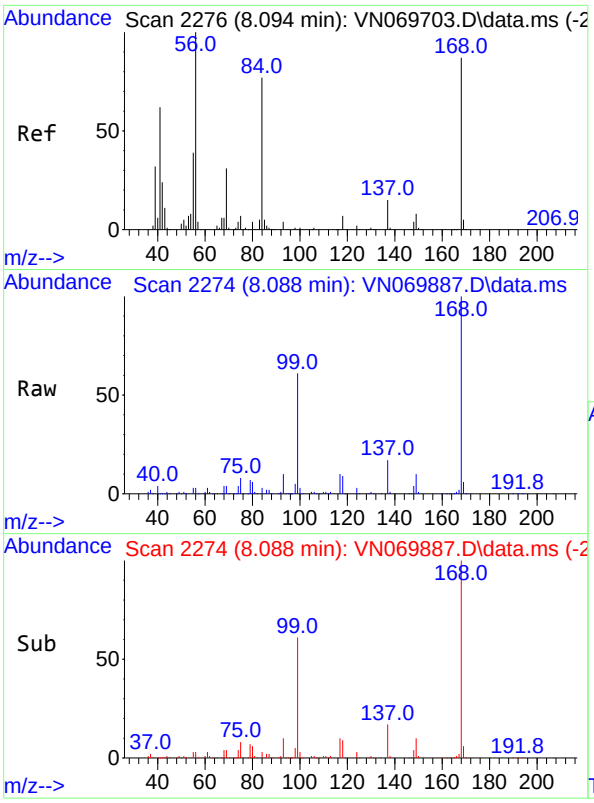


#29
Tetrahydrofuran
Concen: 0.202 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.008 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 42 Resp: 2015

Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.3	54.5
71	20.4	34.7	52.1#



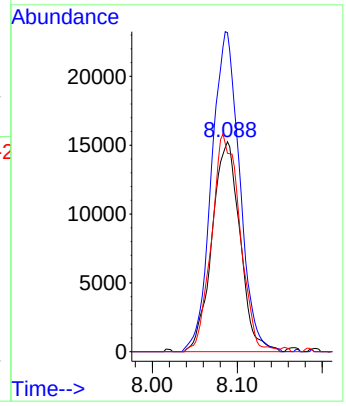


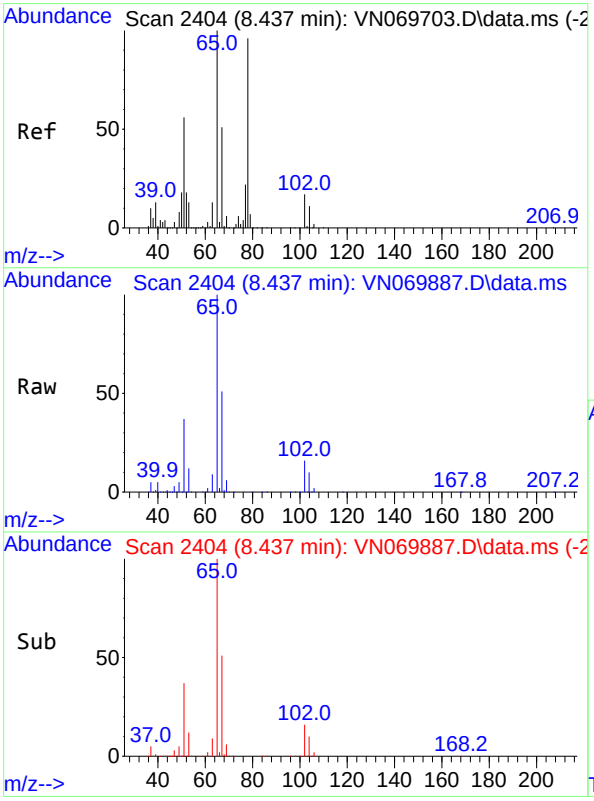
#31
Cyclohexane
Concen: 1.251 ug/l
RT: 8.088 min Scan# 2
Delta R.T. -0.005 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 56 Resp: 35008

Ion	Ratio	Lower	Upper
56	100		
69	152.0	27.1	40.7#
84	94.5	73.4	110.0

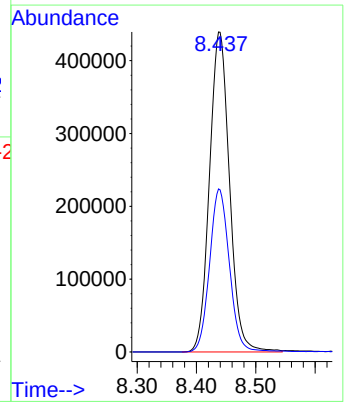


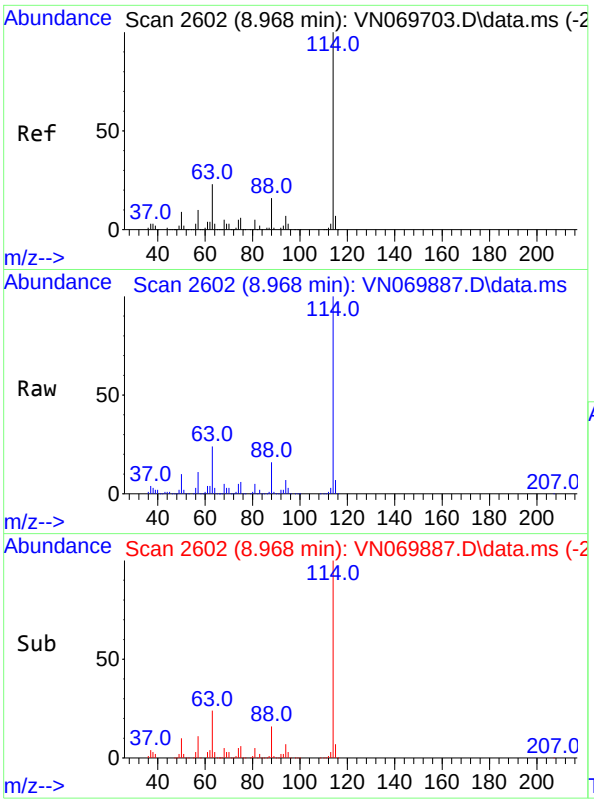


#33
1,2-Dichloroethane-d4
Concen: 51.224 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 65 Resp: 1029699

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	103.0



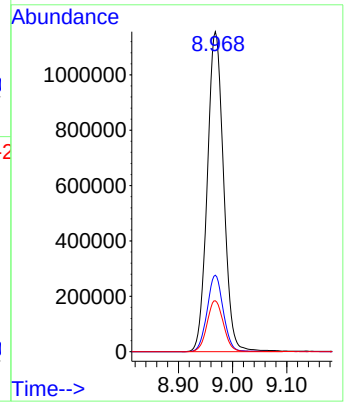


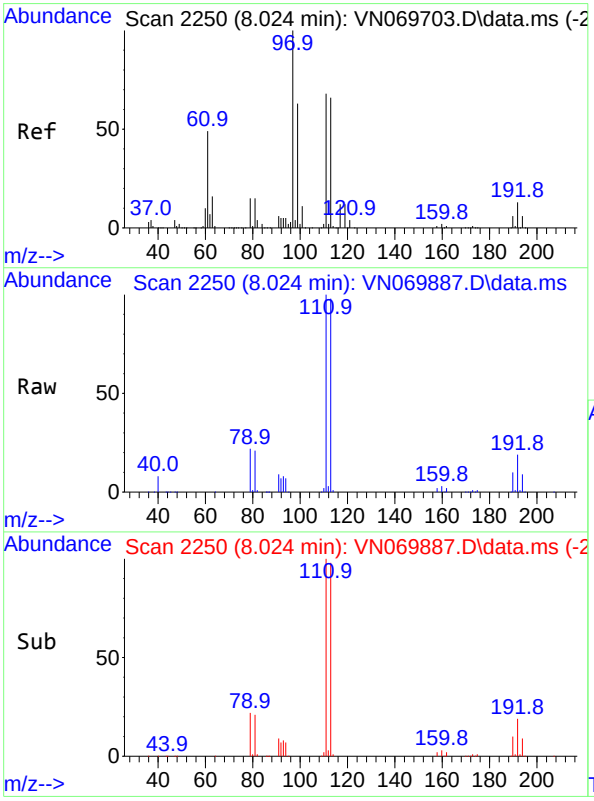
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion:114 Resp: 2417777

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	37.8
88	15.9	0.0	27.4

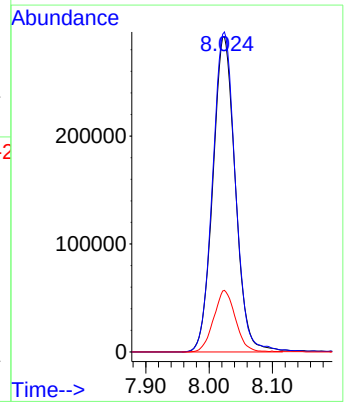


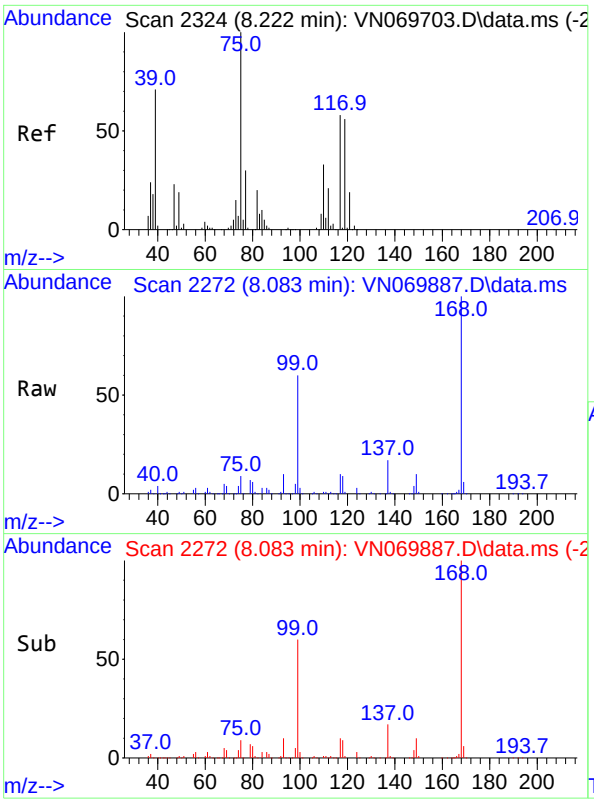


#35
Dibromofluoromethane
Concen: 47.462 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion:113 Resp: 718779

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	19.0	16.9	25.3



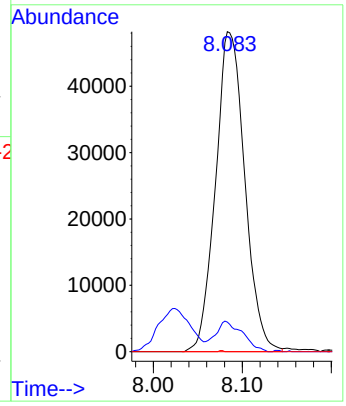


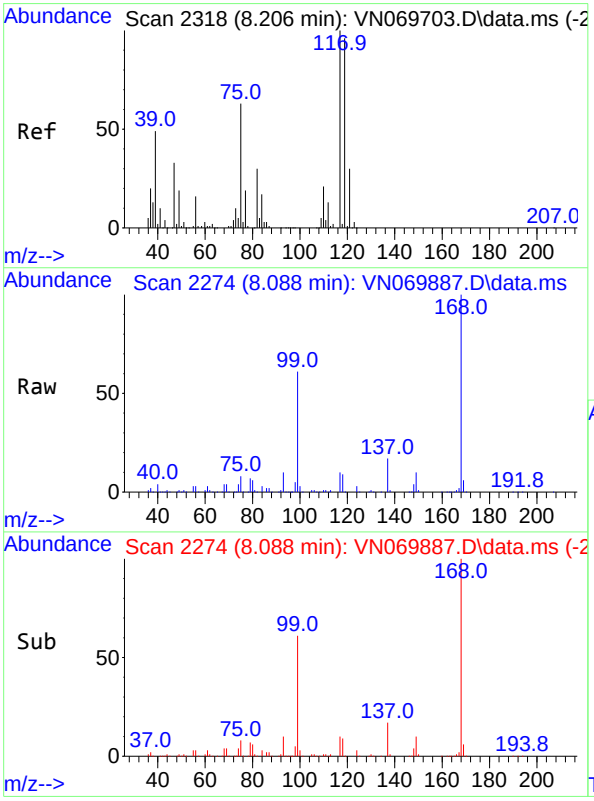
#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 8.083 min Scan# 2
Delta R.T. -0.139 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 75 Resp: 109988

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.4	55.2#
77	0.0	24.4	36.6#

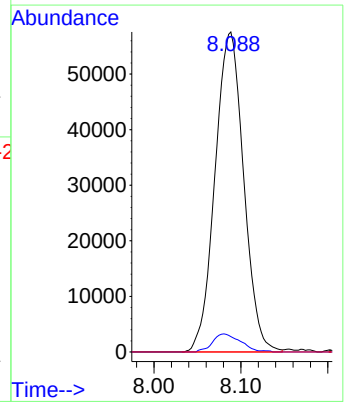


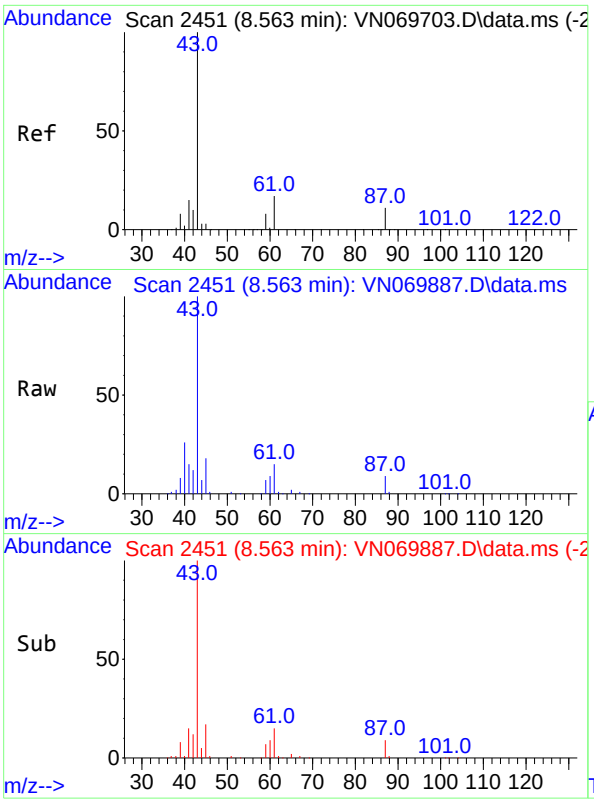


#38
Carbon Tetrachloride
Concen: 5.841 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion:117 Resp: 131839

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.1	114.1#
121	0.0	24.2	36.2#



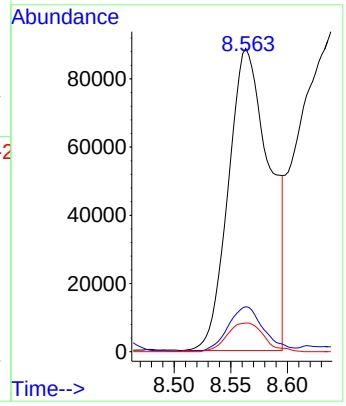


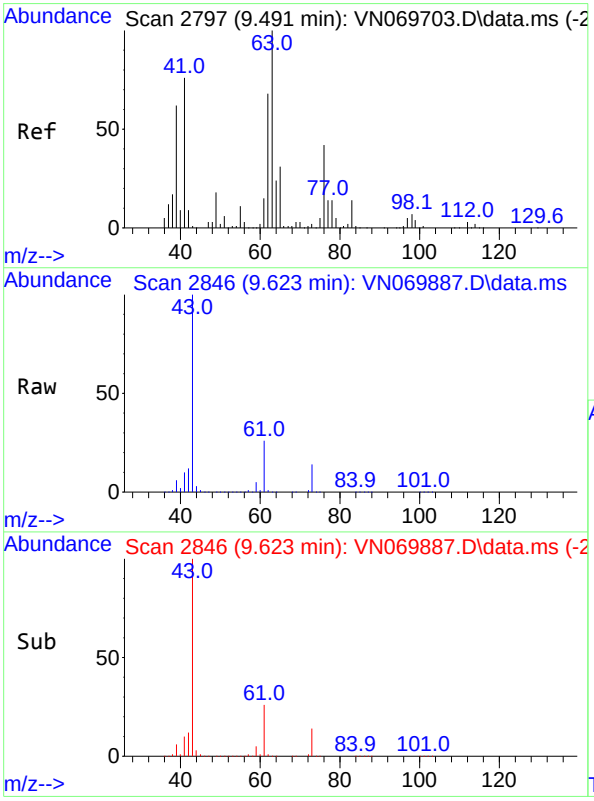
#43
Isopropyl Acetate
Concen: 4.404 ug/l
RT: 8.563 min Scan# 24
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 43 Resp: 223236

Ion	Ratio	Lower	Upper
43	100		
61	12.7	20.4	30.6#
87	8.5	11.2	16.8#

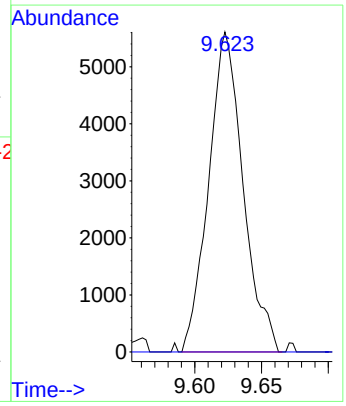


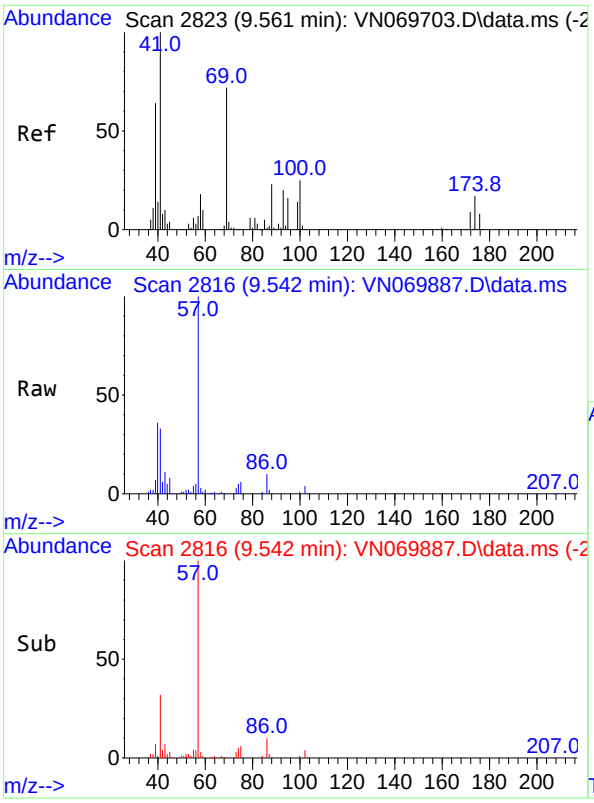


#45
1,2-Dichloropropane
Concen: 0.533 ug/l
RT: 9.623 min Scan# 2846
Delta R.T. 0.132 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 63 Resp: 10069

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



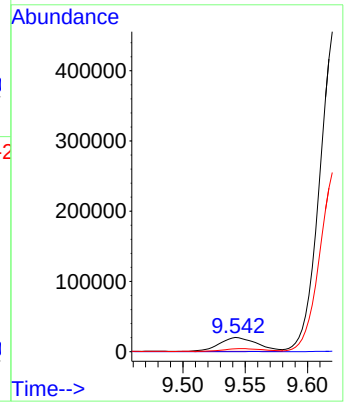


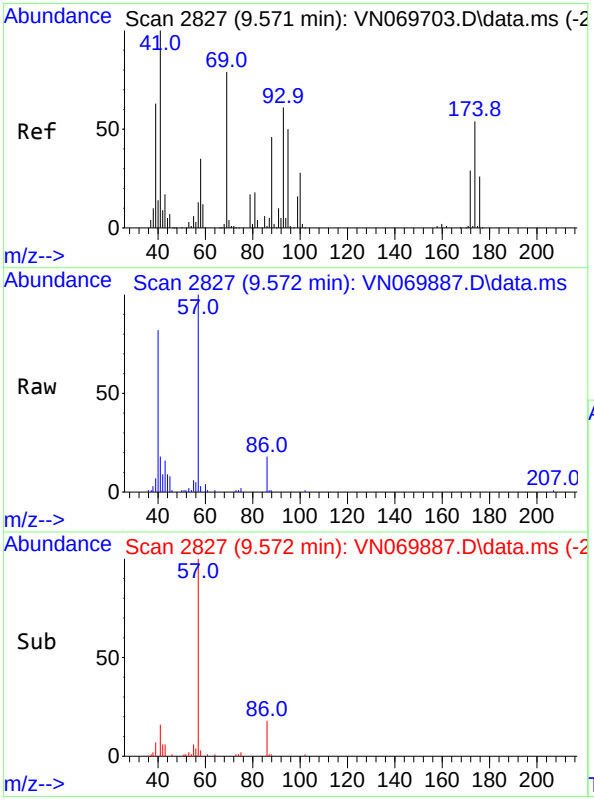
#48
Methyl methacrylate
Concen: 1.771 ug/l
RT: 9.542 min Scan# 2
Delta R.T. -0.019 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 41 Resp: 41902

Ion	Ratio	Lower	Upper
41	100		
69	0.3	72.4	108.6#
39	0.0	58.4	87.6#

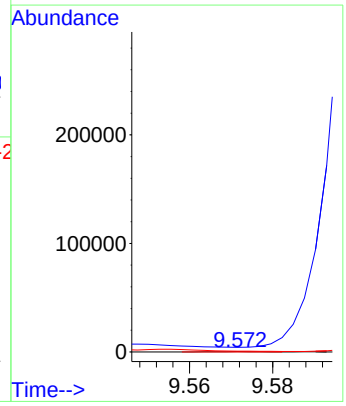


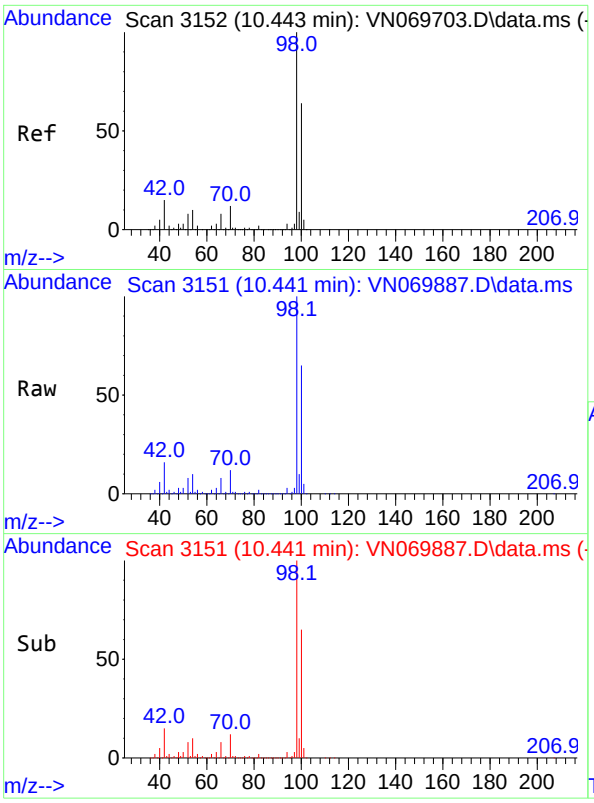


#49
1,4-Dioxane
Concen: 0.429 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 88 Resp: 182

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.4	35.2#
58	1302.7	50.6	75.8#



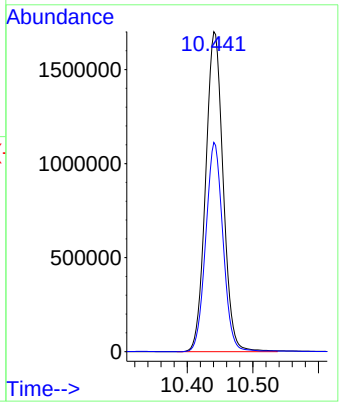


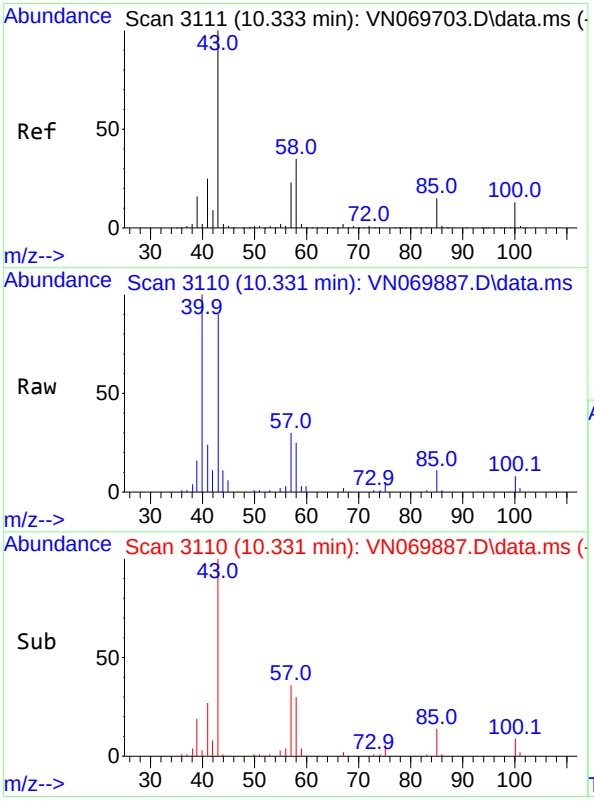
#50
Toluene-d8
Concen: 51.788 ug/l
RT: 10.441 min Scan# 3
Delta R.T. -0.002 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 98 Resp: 3149234

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.4	75.6

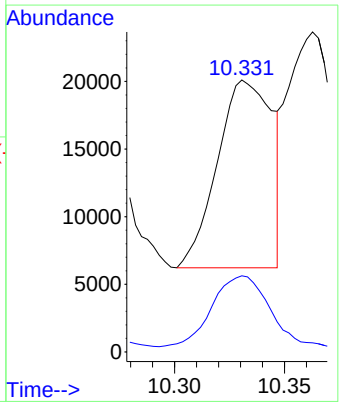


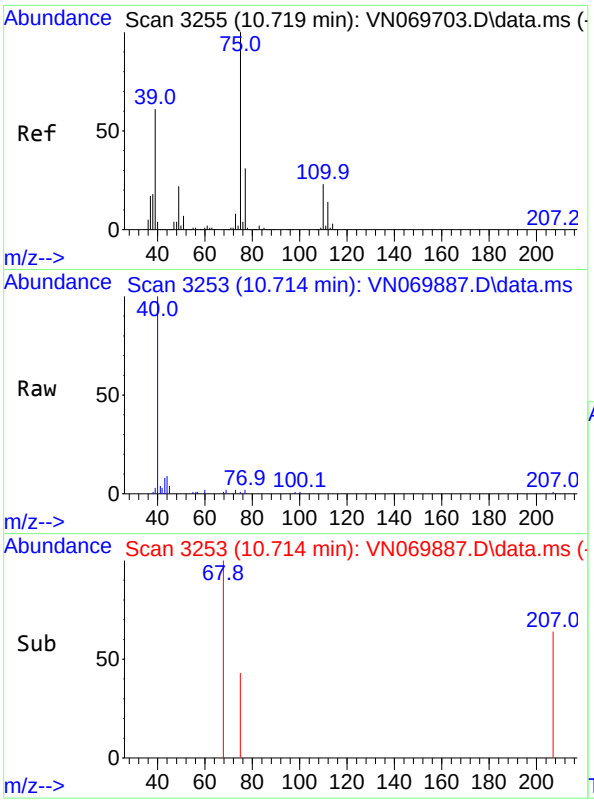


#51
4-Methyl-2-Pentanone
Concen: 0.733 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 43 Resp: 24107

Ion	Ratio	Lower	Upper
43	100		
58	44.7	30.4	45.6



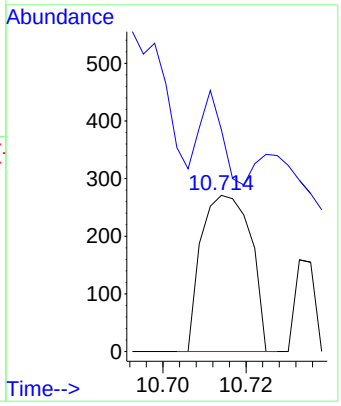


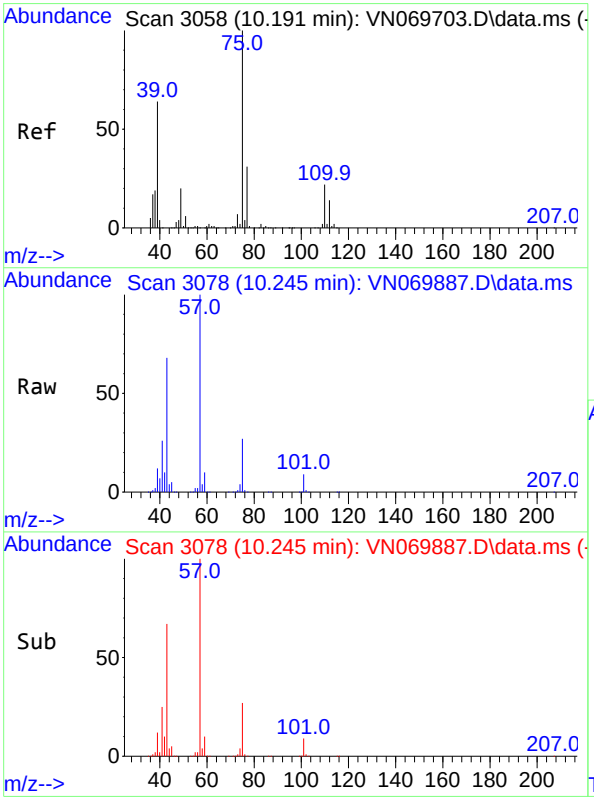
#53
t-1,3-Dichloropropene
Concen: 2.802 ug/l
RT: 10.714 min Scan# 3
Delta R.T. -0.005 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 75 Resp: 224

Ion	Ratio	Lower	Upper
75	100		
77	16.6	25.6	38.4#

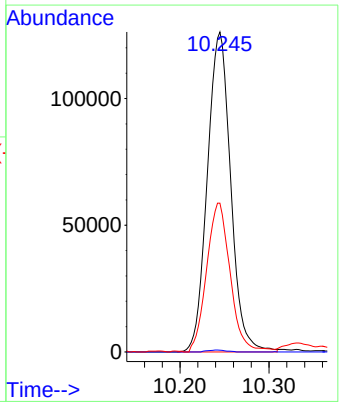


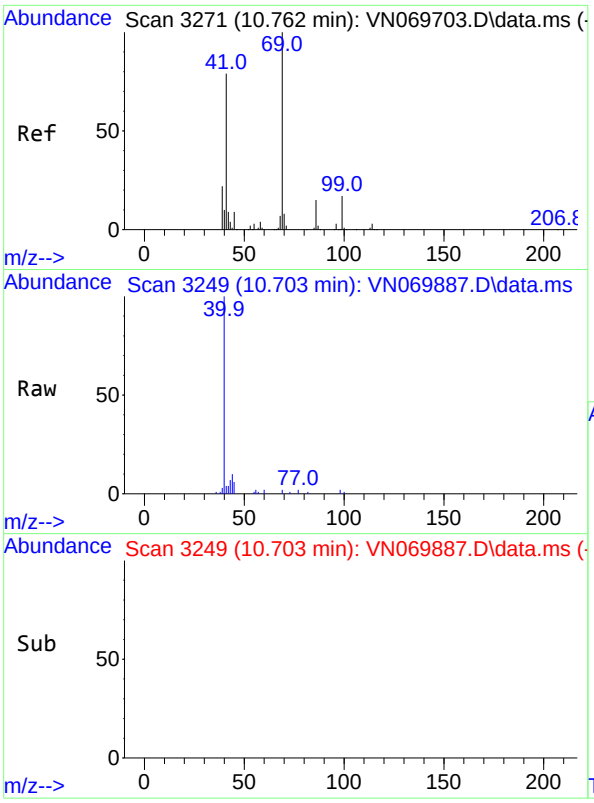


#54
cis-1,3-Dichloropropene
Concen: 9.456 ug/l
RT: 10.245 min Scan# 3078
Delta R.T. 0.054 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 75 Resp: 230043

Ion	Ratio	Lower	Upper
75	100		
77	0.6	26.4	39.6#
39	46.3	42.5	63.7



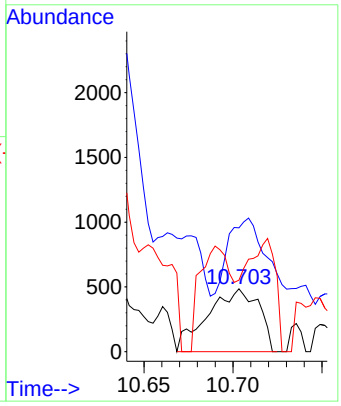


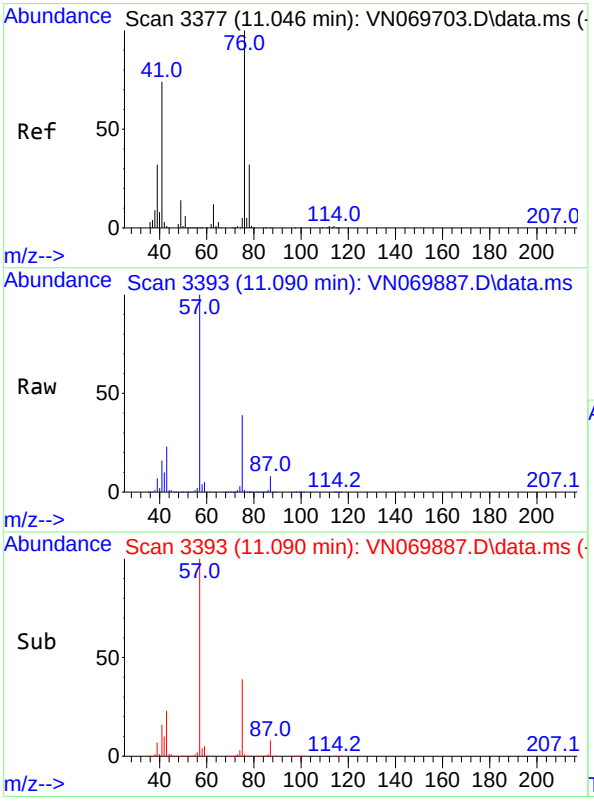
#56
Ethyl methacrylate
Concen: 2.308 ug/l
RT: 10.703 min Scan# 3
Delta R.T. -0.059 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 69 Resp: 971

Ion	Ratio	Lower	Upper
69	100		
41	0.0	51.4	77.0#
39	0.0	34.6	52.0#

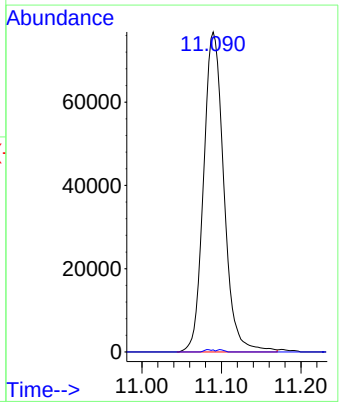


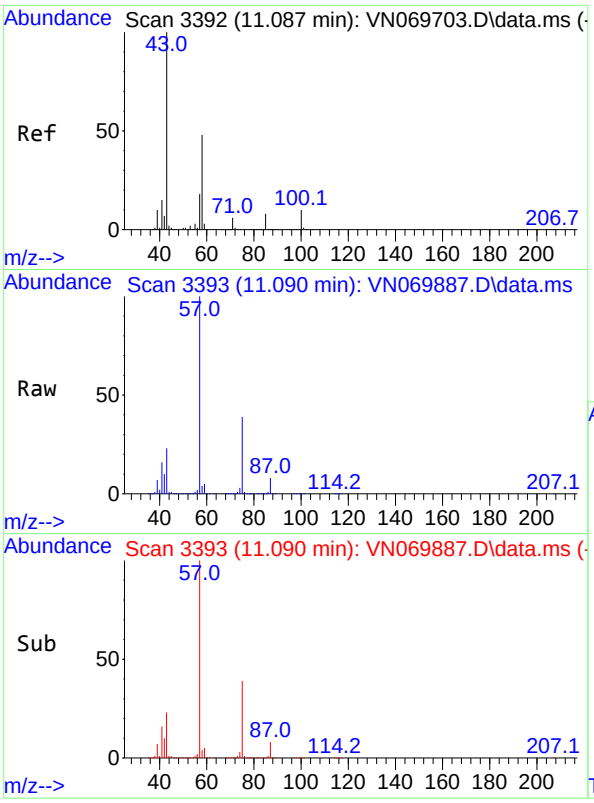


#57
1,3-Dichloropropane
Concen: 4.470 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.043 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 76 Resp: 136415

Ion	Ratio	Lower	Upper
76	100		
78	0.2	25.7	38.5#



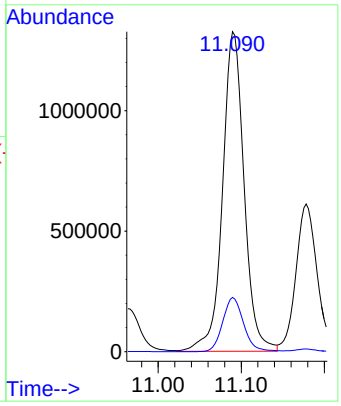


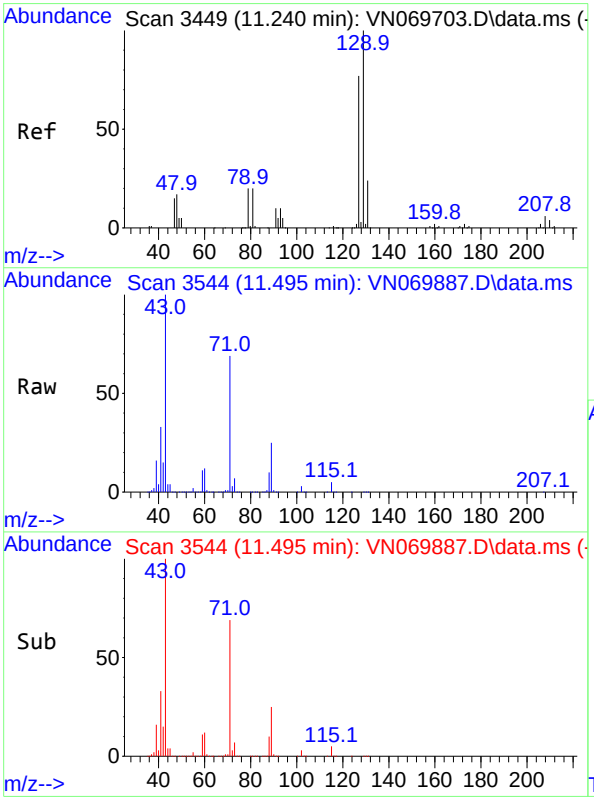
#59
2-Hexanone
Concen: 96.252 ug/l
RT: 11.090 min Scan# 3
Delta R.T. 0.003 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 43 Resp: 2394576

Ion	Ratio	Lower	Upper
43	100		
58	16.5	26.9	80.7#

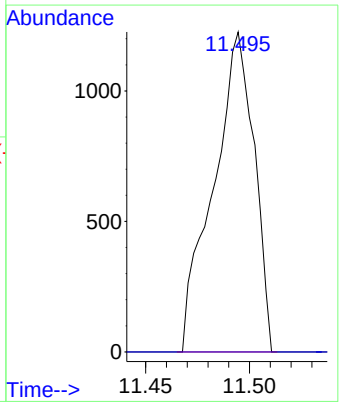


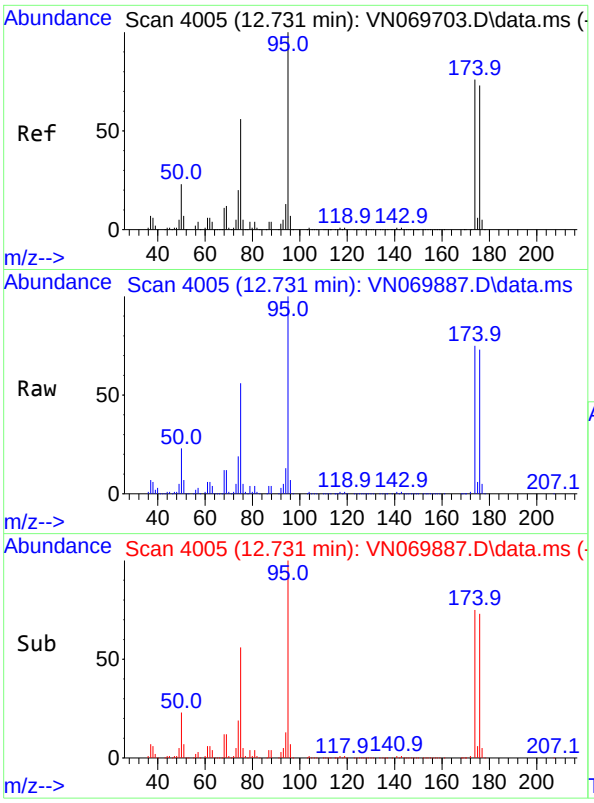


#60
Dibromochloromethane
Concen: 2.462 ug/l
RT: 11.495 min Scan# 3544
Delta R.T. 0.255 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion:129 Resp: 1676

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	116.0#



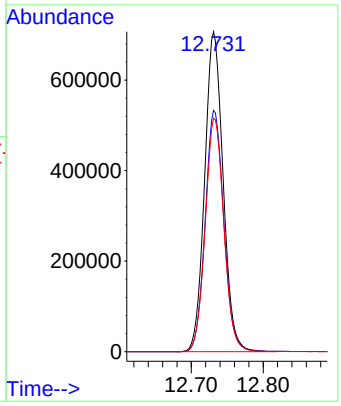


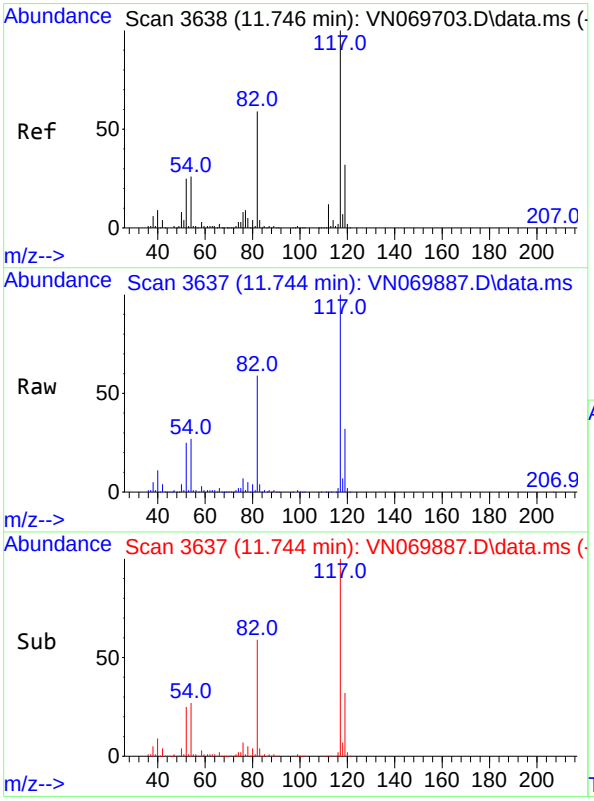
#62
4-Bromofluorobenzene
Concen: 57.140 ug/l
RT: 12.731 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 95 Resp: 1258812

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	187.2
176	73.8	0.0	181.4

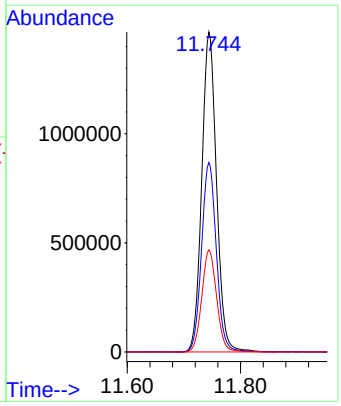


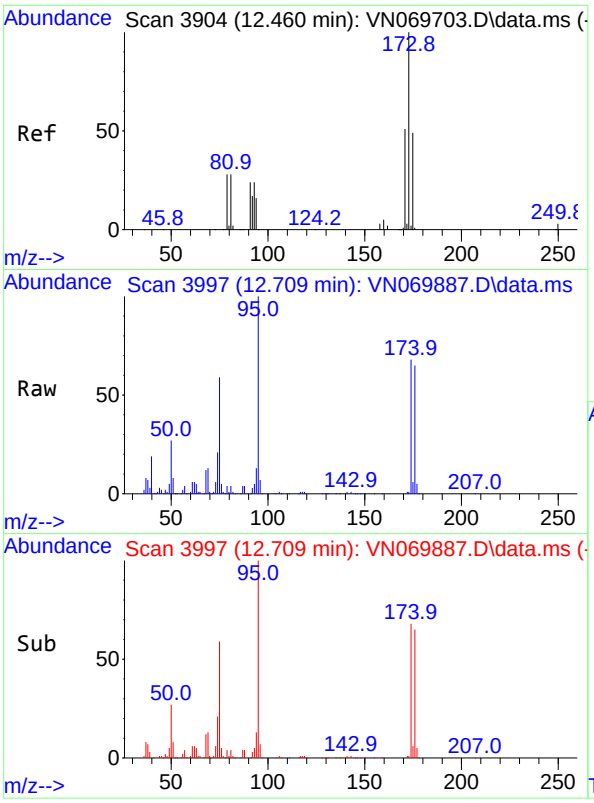


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion:117 Resp: 2649589

Ion	Ratio	Lower	Upper
117	100		
82	59.2	42.4	63.6
119	31.9	25.4	38.2



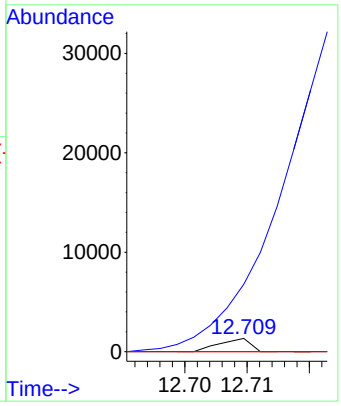


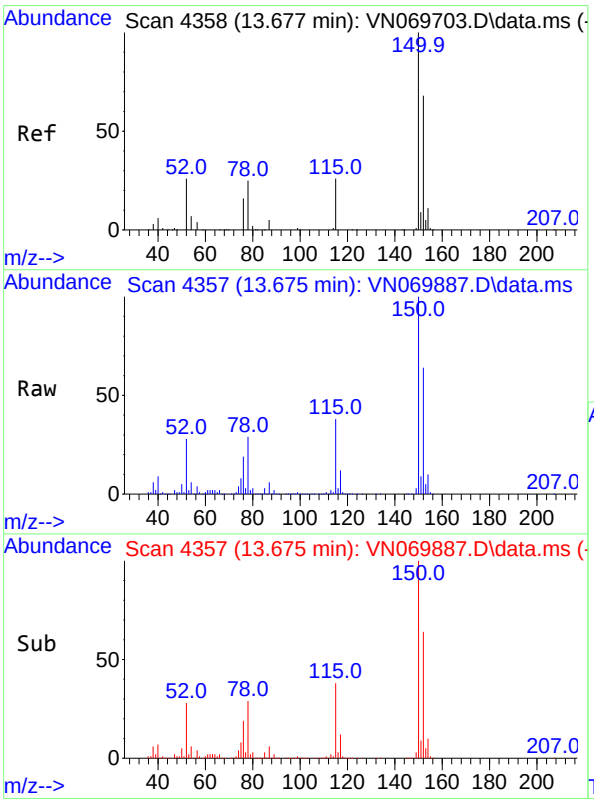
#71
Bromoform
Concen: 2.758 ug/l
RT: 12.709 min Scan# 3
Delta R.T. 0.249 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion:173 Resp: 461

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

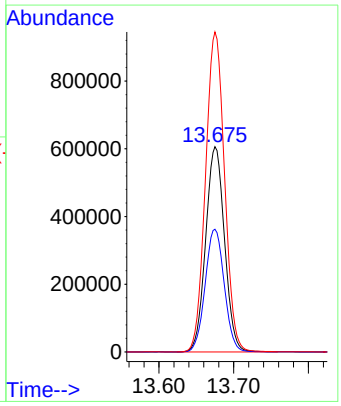


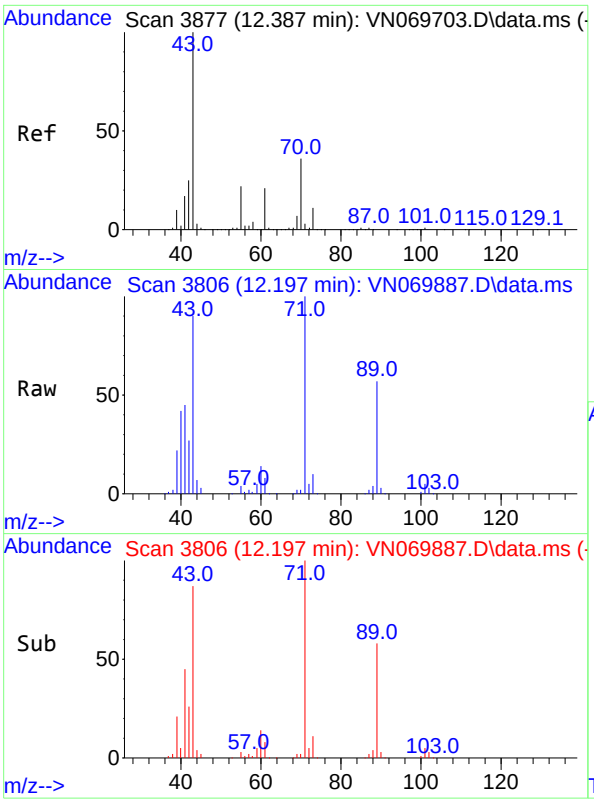


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion:152 Resp: 1064483

Ion	Ratio	Lower	Upper
152	100		
115	60.6	27.5	82.5
150	156.9	0.0	344.4



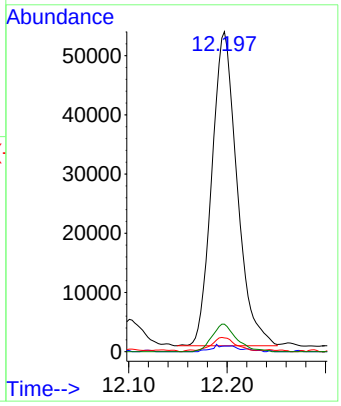


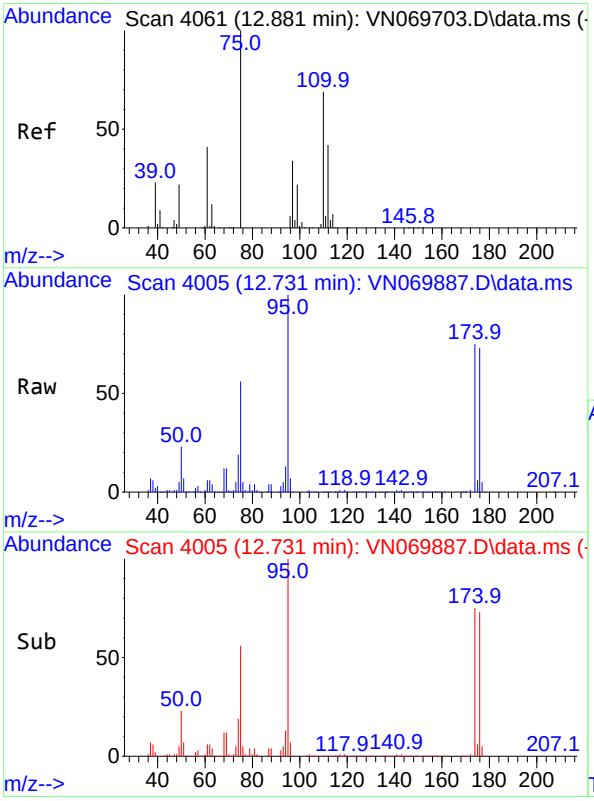
#74
N-amyl acetate
Concen: 2.262 ug/l
RT: 12.197 min Scan# 3
Delta R.T. -0.190 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion: 43 Resp: 94737

Ion	Ratio	Lower	Upper
43	100		
70	0.9	33.4	50.0#
55	3.6	19.3	28.9#
61	8.6	18.5	27.7#

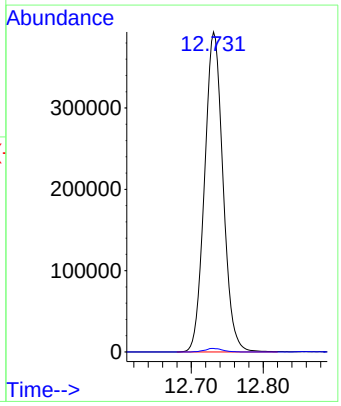


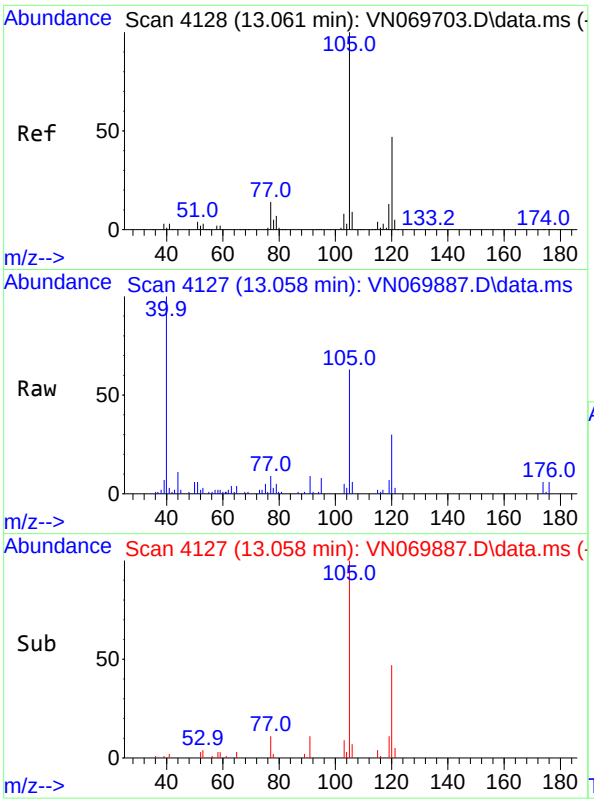


#76
1,2,3-Trichloropropane
Concen: 22.992 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 75 Resp: 701866

Ion	Ratio	Lower	Upper
75	100		
77	1.1	82.6	247.8#



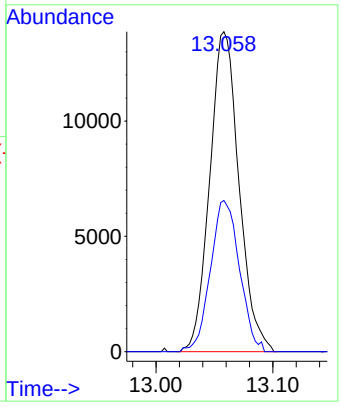


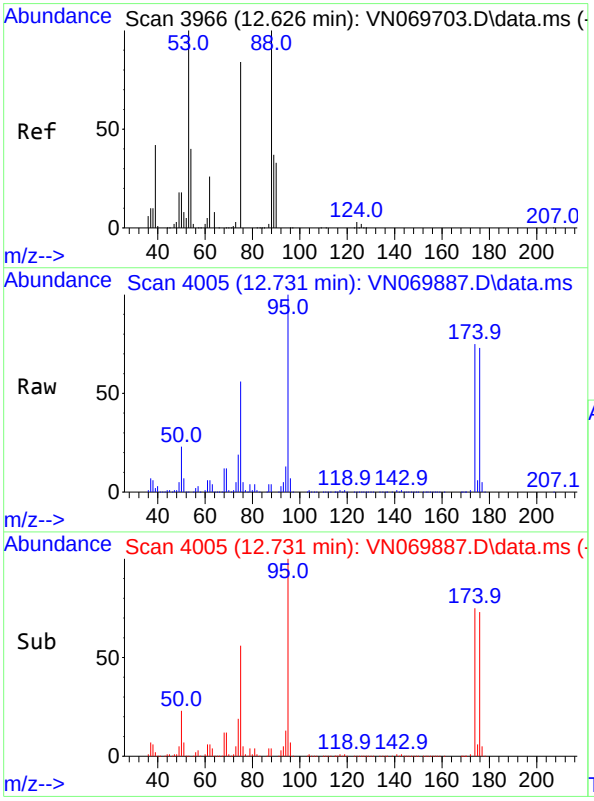
#80
1,3,5-Trimethylbenzene
Concen: 0.317 ug/l
RT: 13.058 min Scan# 4
Delta R.T. -0.002 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion:105 Resp: 24151

Ion	Ratio	Lower	Upper
105	100		
120	46.8	24.6	73.6

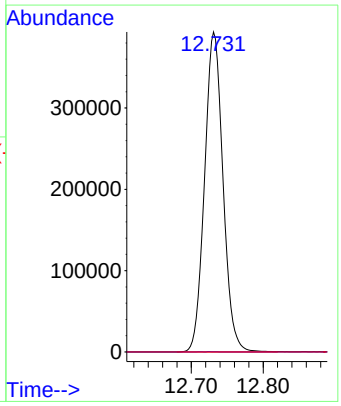


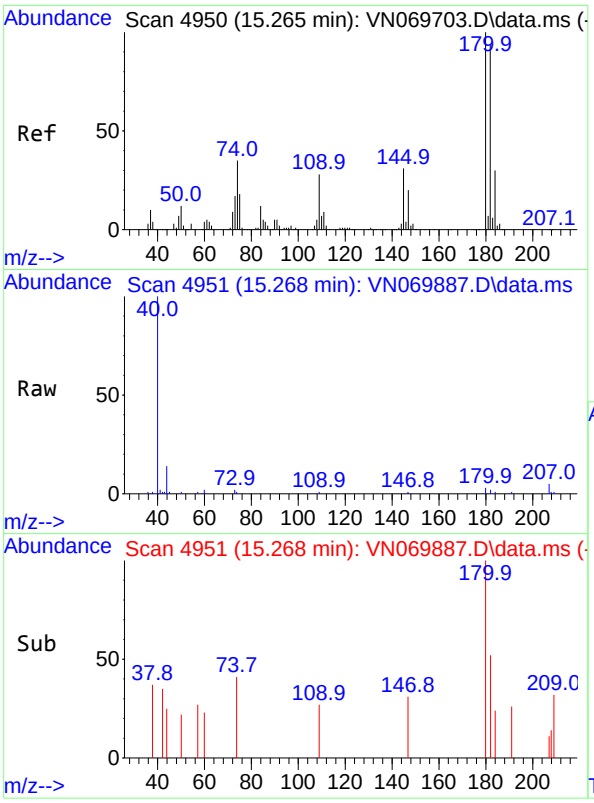


#81
trans-1,4-Dichloro-2-butene
Concen: 73.198 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion: 75 Resp: 701866

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



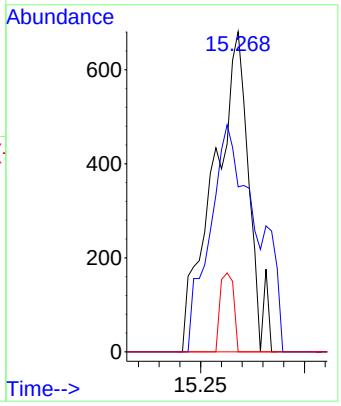


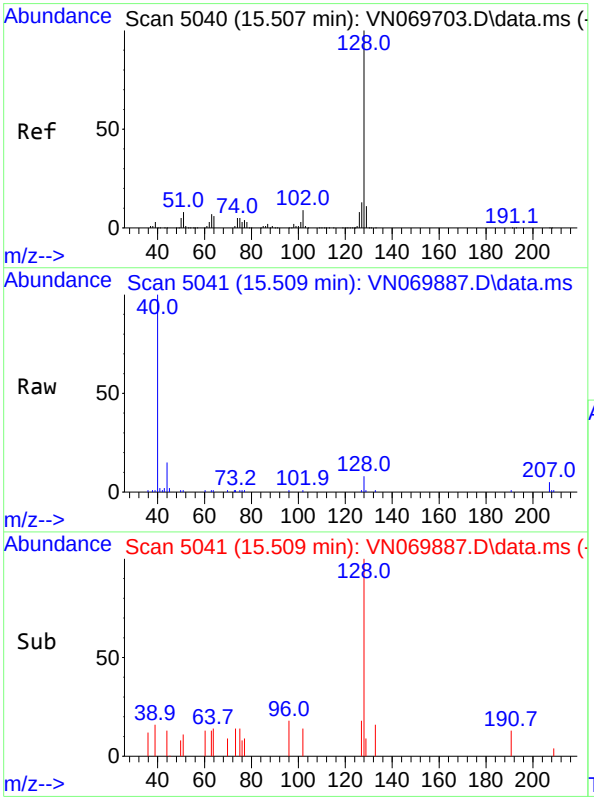
#93
1,2,4-Trichlorobenzene
Concen: 2.921 ug/l
RT: 15.268 min Scan# 4
Delta R.T. 0.003 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion:180 Resp: 806

Ion	Ratio	Lower	Upper
180	100		
182	79.2	48.3	144.9
145	9.4	14.5	43.5#

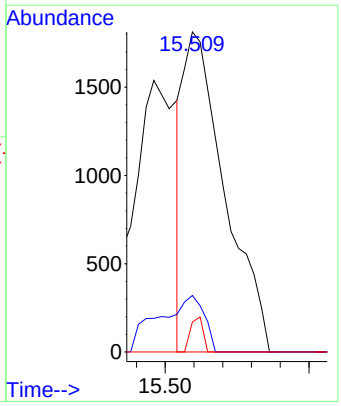


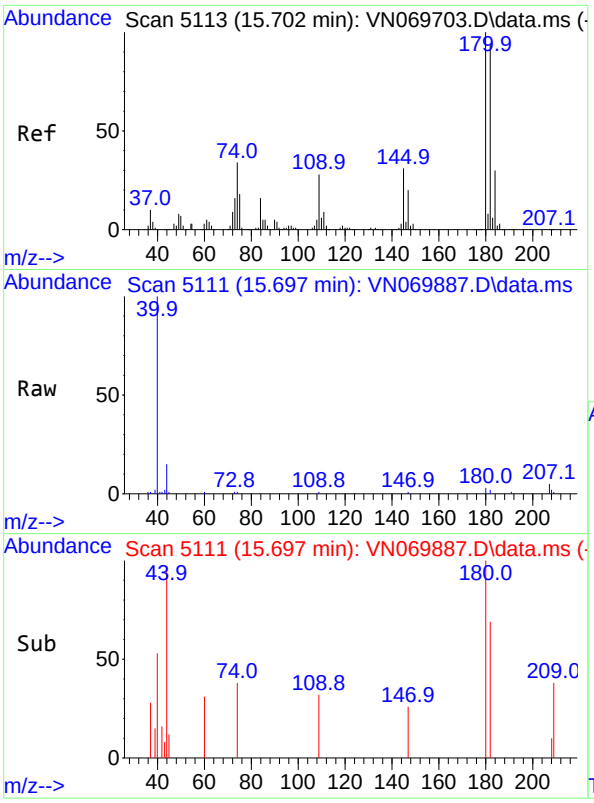


#95
Naphthalene
Concen: 4.017 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Tgt Ion:128 Resp: 1822

Ion	Ratio	Lower	Upper
128	100		
127	19.3	10.5	15.7#
129	3.2	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 2.489 ug/l
RT: 15.697 min Scan# 5
Delta R.T. -0.005 min
Lab File: VN069887.D
Acq: 9 Dec 2021 3:04

Instrument :
MSVOA_N
ClientSampleId :
PB141231ZHE#12

Tgt Ion:180 Resp: 961

Ion	Ratio	Lower	Upper
180	100		
182	81.6	47.4	142.2
145	18.1	15.0	45.1