Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
Data File : VN068388.D
Acq On : 2 Sep 2021 14:23
Operator : JC/MD
Sample : VN0902WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0902WBL01

Quant Time: Sep 03 01:24:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 02 14:59:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	425889	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	713620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	699345	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	289641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	250245	57.567	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.140%			
35) Dibromofluoromethane	8.024	113	227629	50.310	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.620%			
50) Toluene-d8	10.443	98	868532	51.279	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.560%			
62) 4-Bromofluorobenzene	12.734	95	289475	52.079	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.160%			
Target Compounds						Qvalue
3) Chloromethane	2.309	50	1481	0.399	ug/l	97
5) Bromomethane	2.867	94	1339	Below Cal		98
13) Acrolein	4.044	56	337	0.913	ug/l #	72
16) Acetone	4.307	43	1638	Below Cal	#	89
18) Methyl Acetate	4.867	43	2493	Below Cal		93
20) Methylene Chloride	5.103	84	3362	Below Cal	#	79
29) Tetrahydrofuran	7.689	42	348	0.272	ug/l #	41
31) Cyclohexane	8.086	56	7551	1.318	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	29595	5.215	ug/l #	52
38) Carbon Tetrachloride	8.086	117	40427	5.961	ug/l #	17
43) Isopropyl Acetate	8.598	43	1802	0.236	ug/l #	58
49) 1,4-Dioxane	9.590	88	58	0.735	ug/l #	20
51) 4-Methyl-2-Pentanone	10.328	43	1216	0.254	ug/l #	69
56) Ethyl methacrylate	10.765	69	86	1.668	ug/l #	32
59) 2-Hexanone	11.090	43	2759	0.829	ug/l	96
71) Bromoform	12.734	173	3005	2.489	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	148521	30.172	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.734	75	148521	99.687	ug/l #	6
89) n-Butylbenzene	13.943	91	2818	0.222	ug/l	96
93) 1,2,4-Trichlorobenzene	15.268	180	1571	2.497	ug/l	86
95) Naphthalene	15.507	128	6463	2.860	ug/l	94
96) 1,2,3-Trichlorobenzene	15.697	180	2091	2.403	ug/l	90

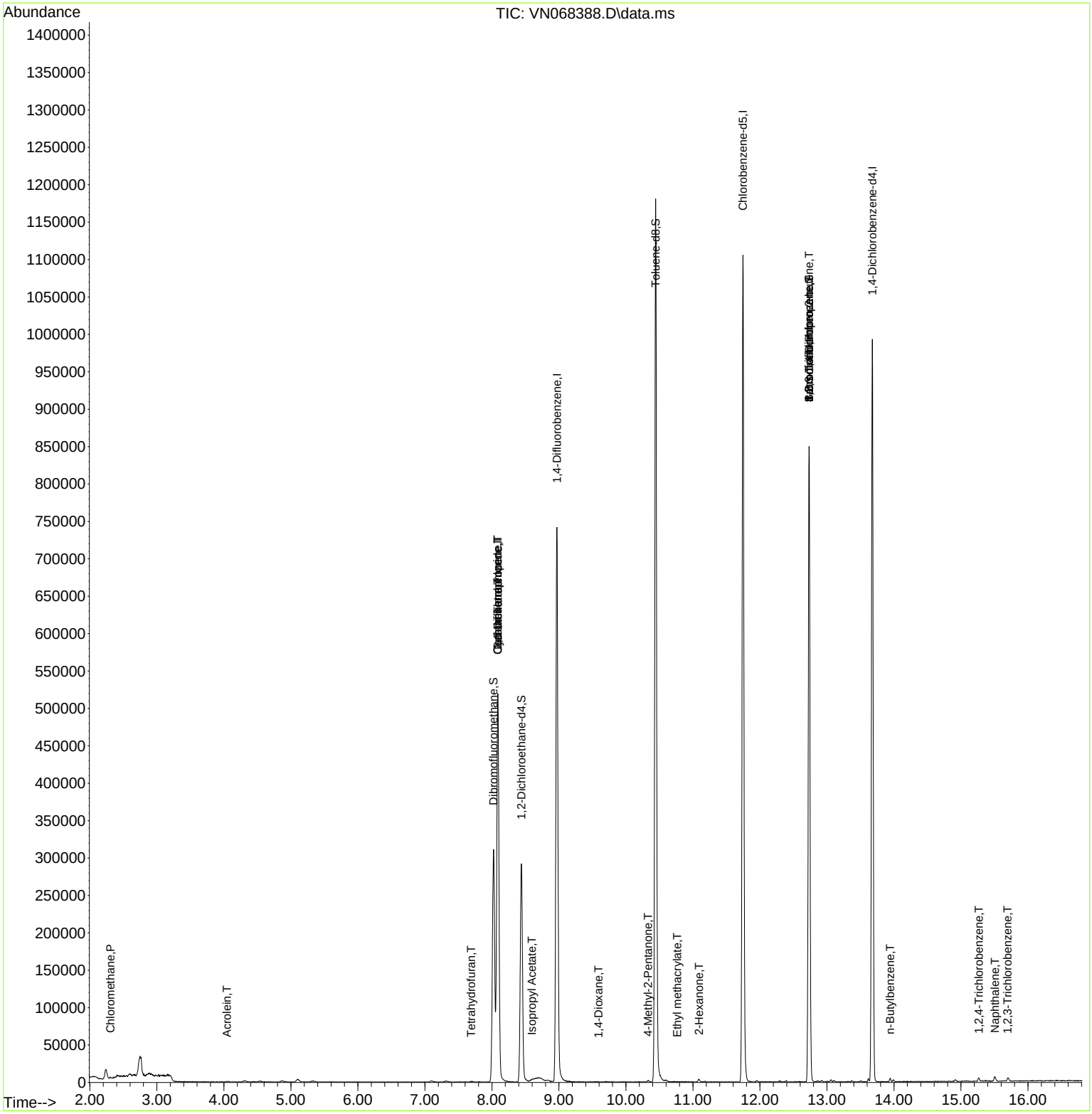
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

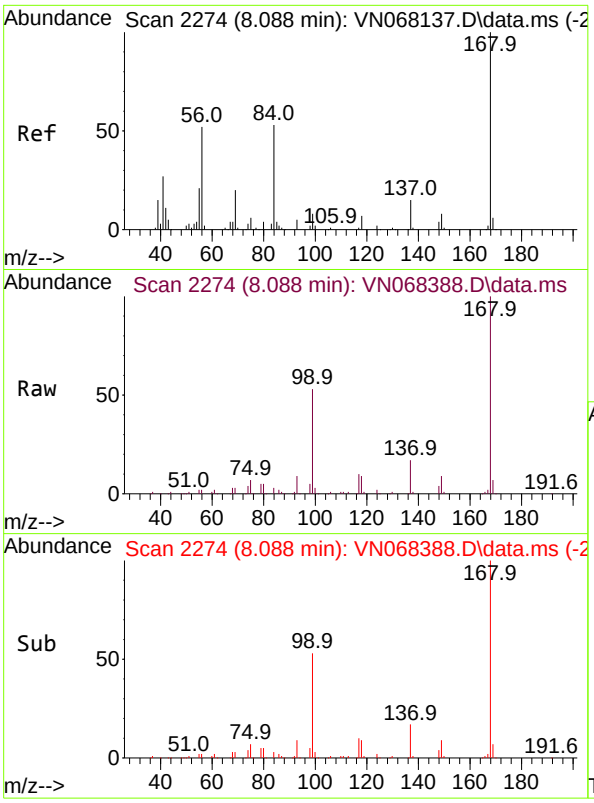
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090221\
Data File : VN068388.D
Acq On : 2 Sep 2021 14:23
Operator : JC/MD
Sample : VN0902WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

Quant Time: Sep 03 01:24:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 02 14:59:33 2021
Response via : Initial Calibration



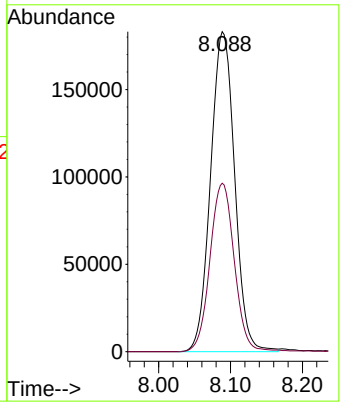
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

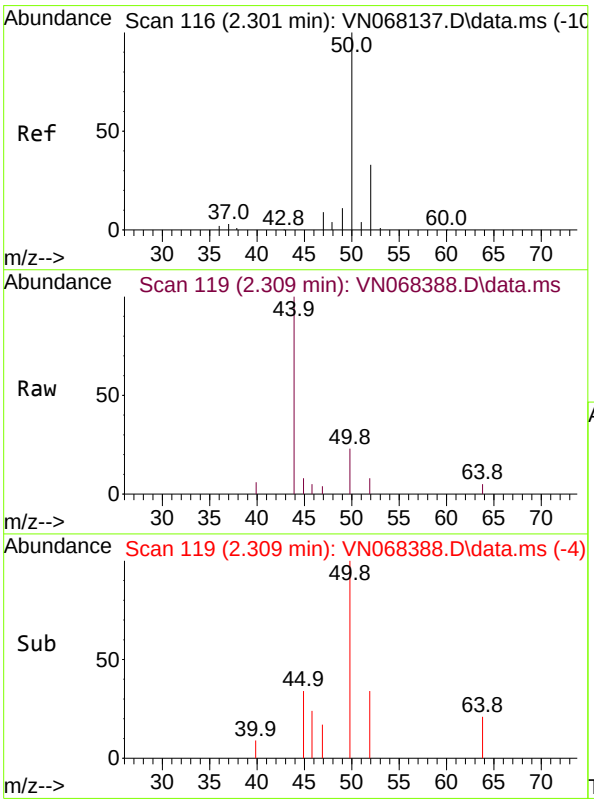


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:168 Resp: 425889

Ion	Ratio	Lower	Upper
168	100		
99	52.7	62.9	94.3#

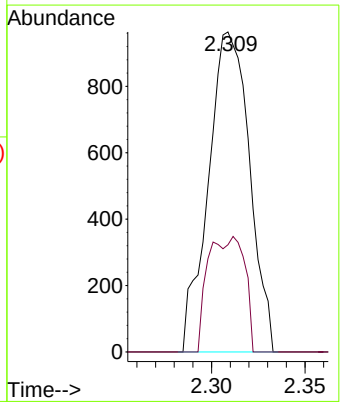




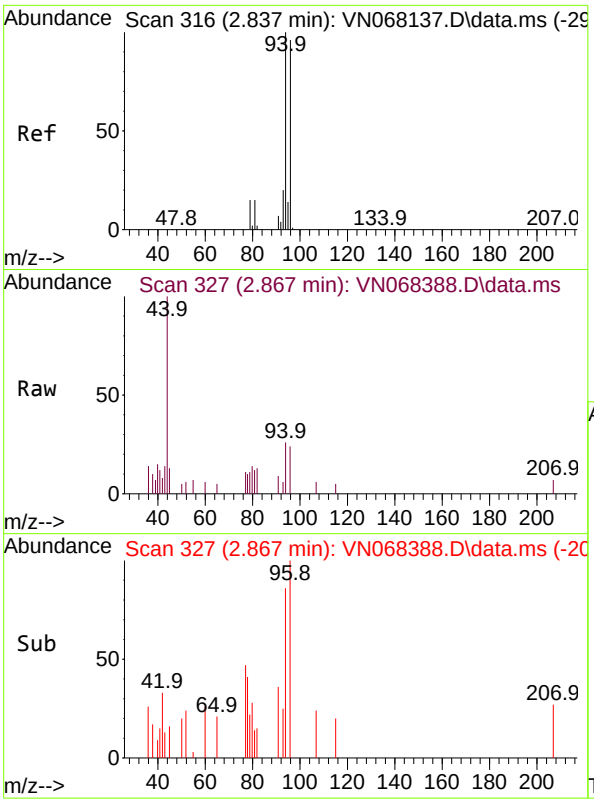
#3
Chloromethane
Concen: 0.399 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 50 Resp: 1481

Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.6	38.4



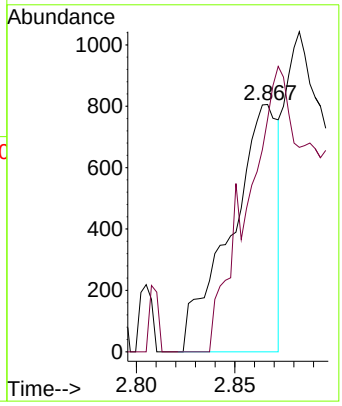
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

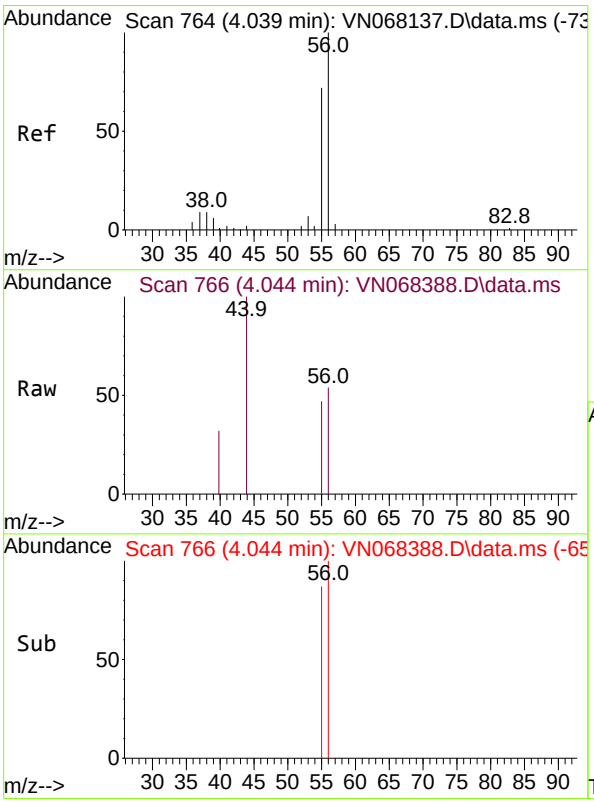


#5
Bromomethane
Concen: Below Cal
RT: 2.867 min Scan# 327
Delta R.T. 0.027 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 94 Resp: 1339

Ion	Ratio	Lower	Upper
94	100		
96	94.2	73.7	110.5

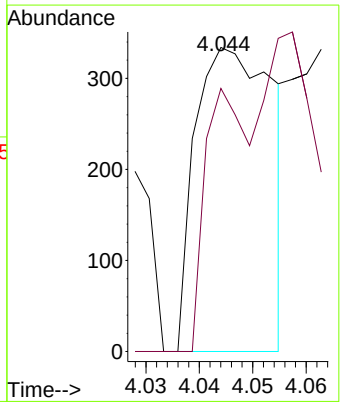




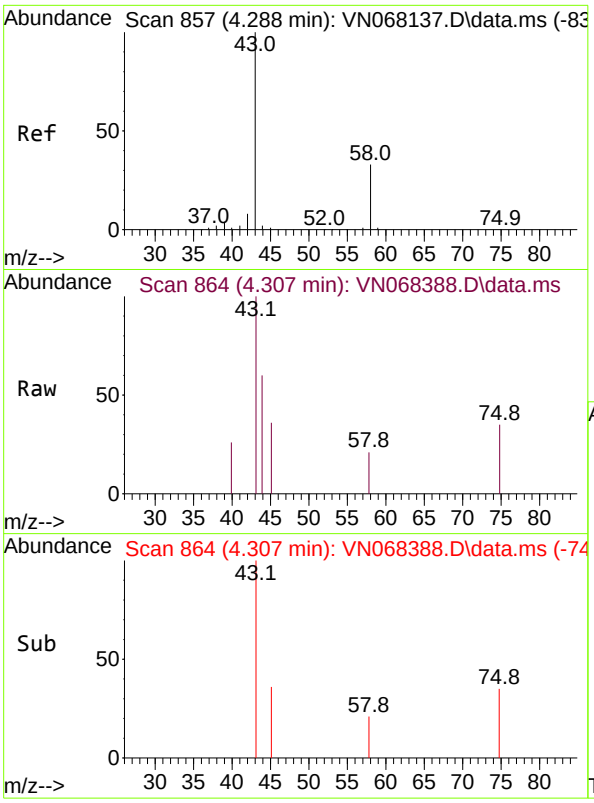
#13
Acrolein
Concen: 0.913 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 56 Resp: 337

Ion	Ratio	Lower	Upper
56	100		
55	48.1	57.4	86.0#



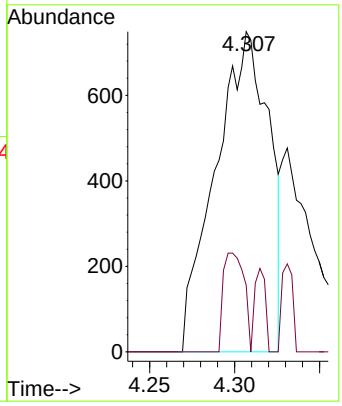
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

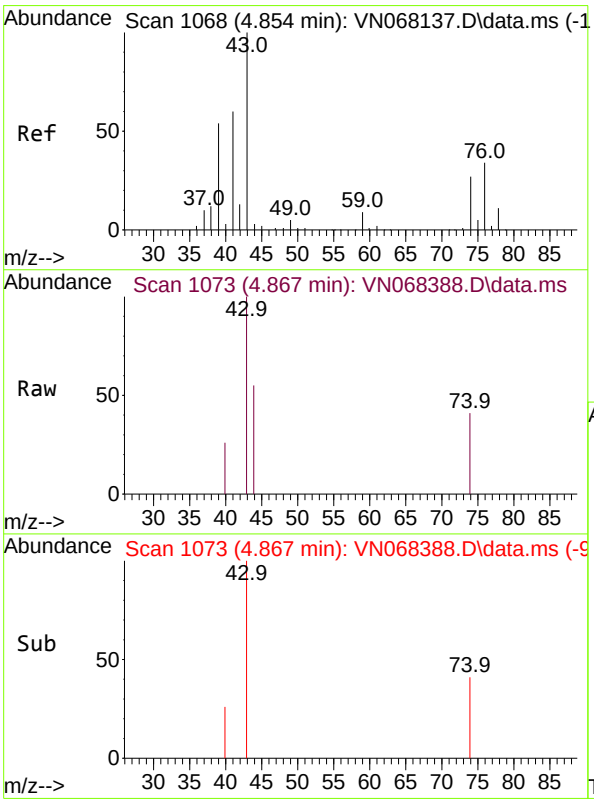


#16
Acetone
Concen: Below Cal
RT: 4.307 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 43 Resp: 1638

Ion	Ratio	Lower	Upper
43	100		
58	20.8	21.2	31.8#

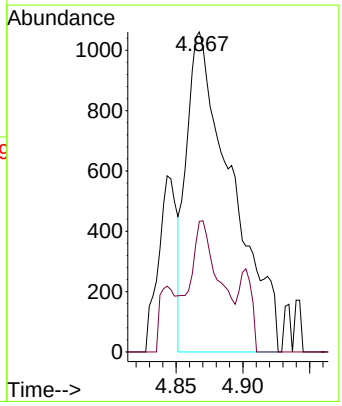


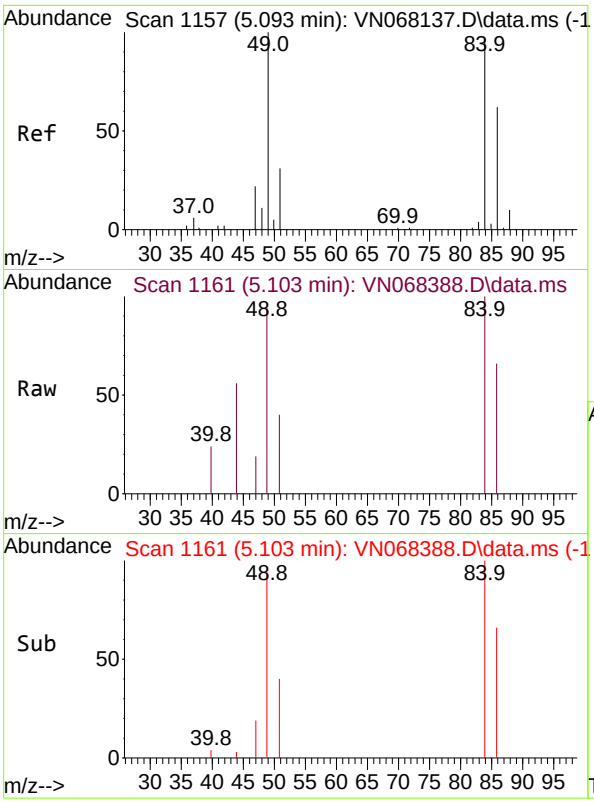


#18
Methyl Acetate
Concen: Below Cal
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 43 Resp: 2493

Ion	Ratio	Lower	Upper
43	100		
74	25.0	17.4	26.0

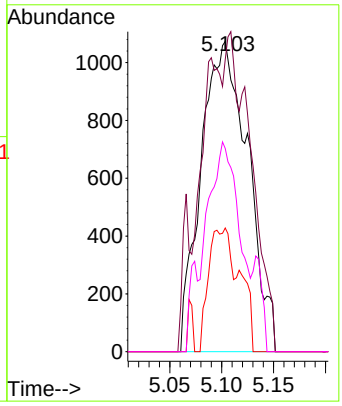




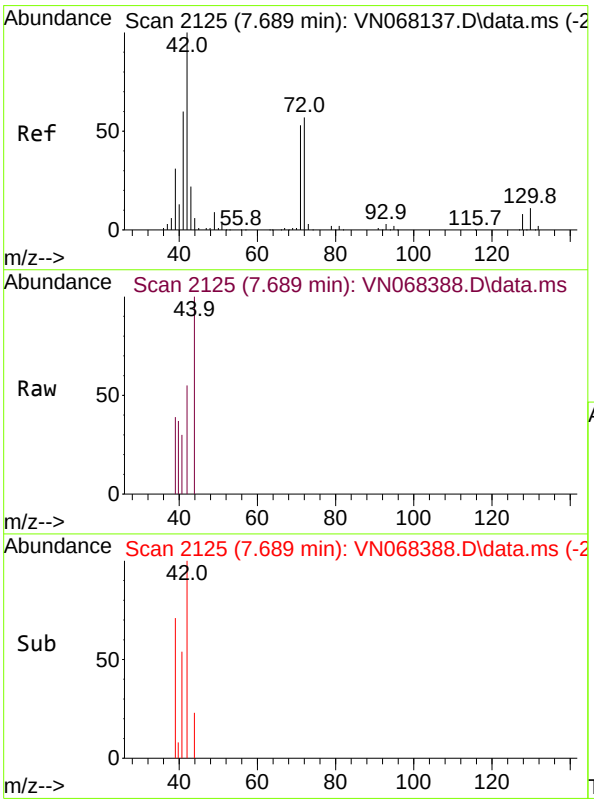
#20
Methylene Chloride
Concen: Below Cal
RT: 5.103 min Scan# 1161
Delta R.T. 0.010 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 84 Resp: 3362

Ion	Ratio	Lower	Upper
84	100		
49	94.2	110.9	166.3#
51	39.9	32.6	49.0
86	65.5	51.6	77.4



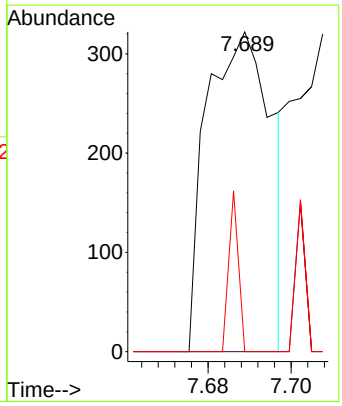
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01



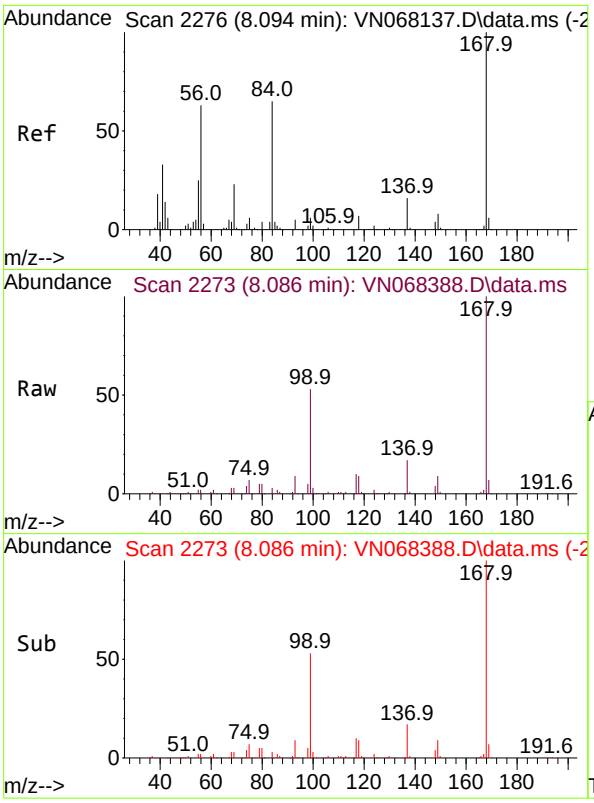
#29
Tetrahydrofuran
Concen: 0.272 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. -0.002 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 42 Resp: 348

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	7.5	31.2	46.8#



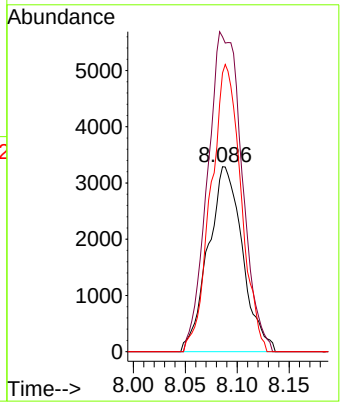
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

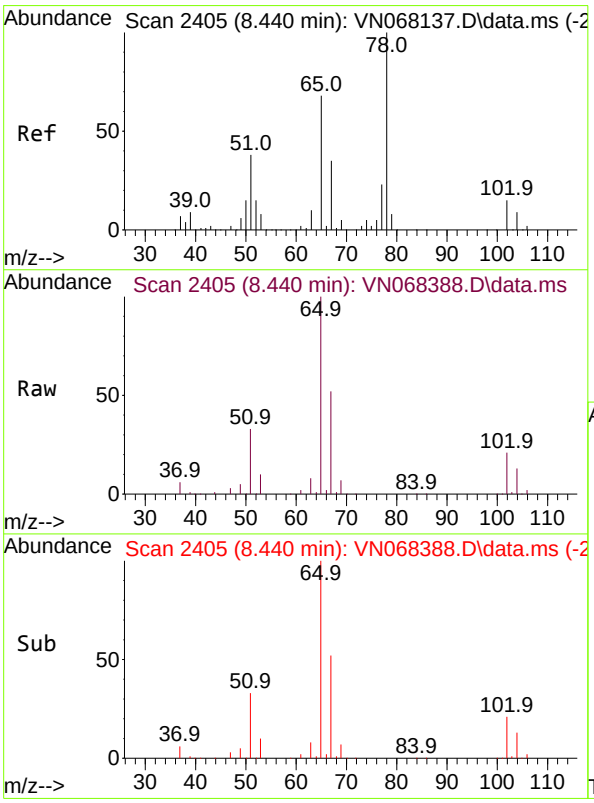


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 56 Resp: 7551

Ion	Ratio	Lower	Upper
56	100		
69	170.3	27.3	40.9#
84	150.7	64.9	97.3#

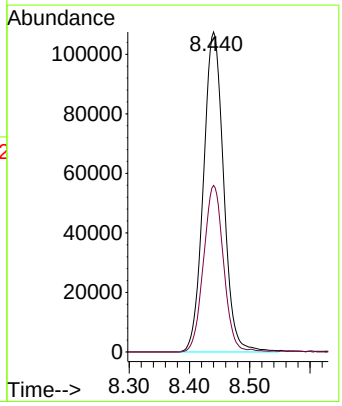


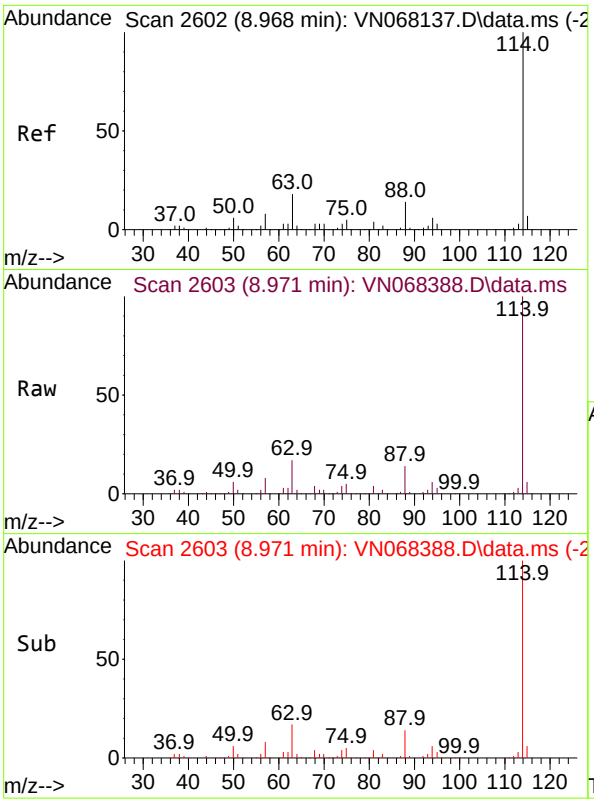


#33
1,2-Dichloroethane-d4
Concen: 57.567 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 65 Resp: 250245

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	98.6

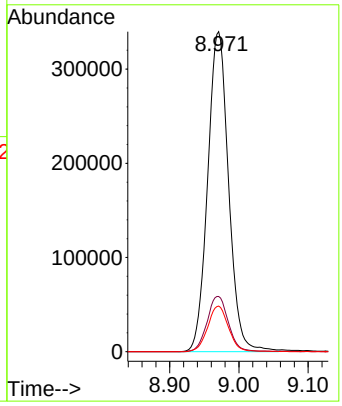




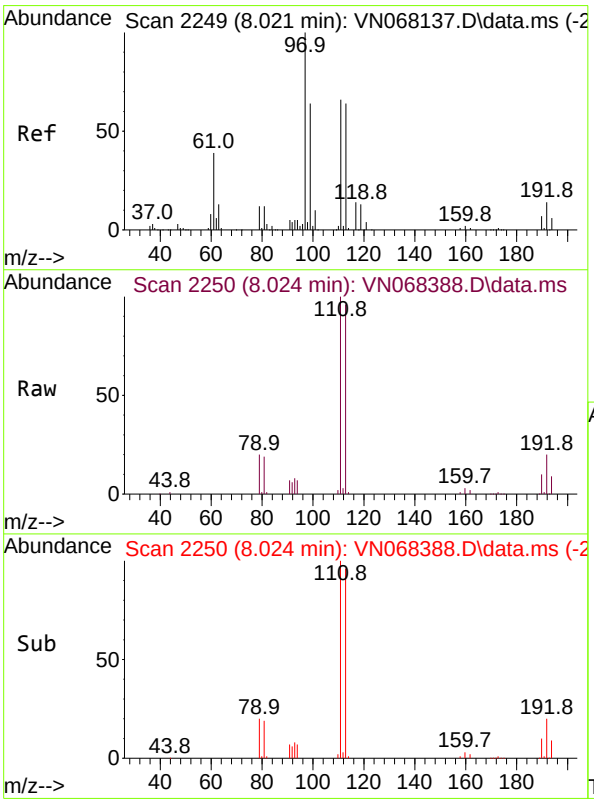
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:114 Resp: 713620

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	49.0
88	14.2	0.0	36.6



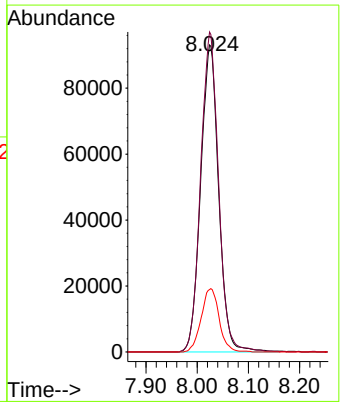
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01



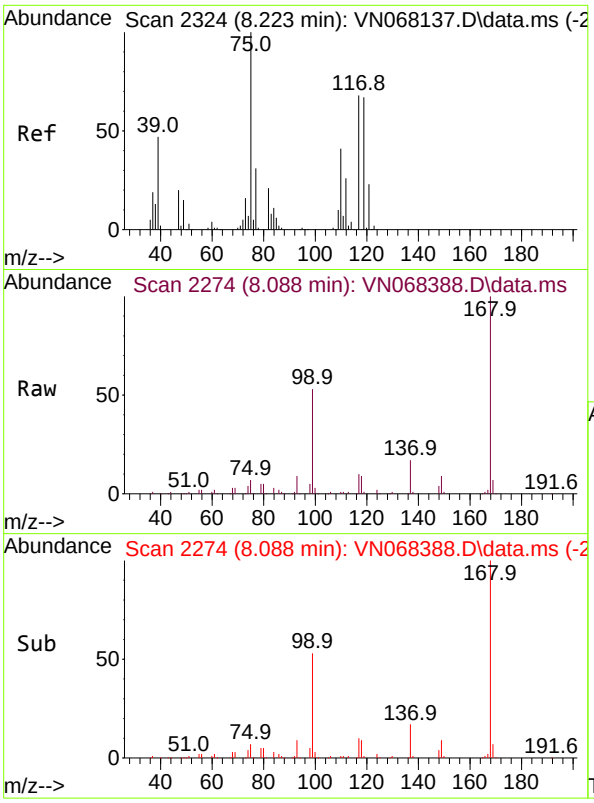
#35
Dibromofluoromethane
Concen: 50.310 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:113 Resp: 227629

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.8
192	20.5	13.4	20.0#



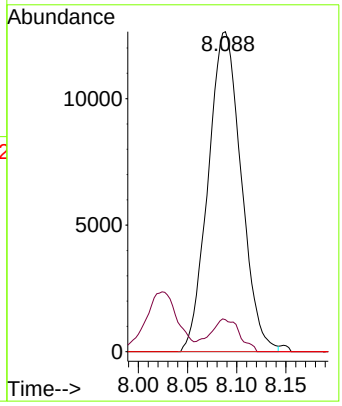
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

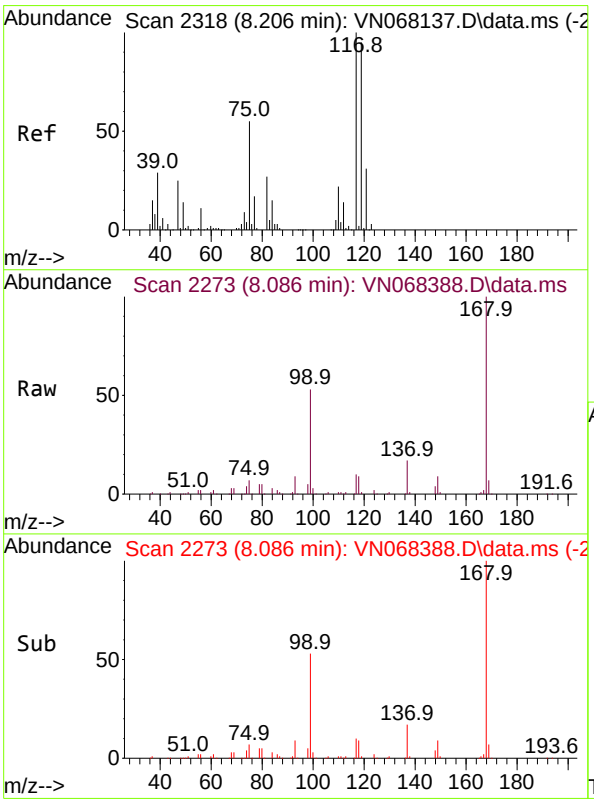


#36
1,1-Dichloropropene
Concen: 5.215 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 75 Resp: 29595

Ion	Ratio	Lower	Upper
75	100		
110	9.2	15.7	47.0#
77	0.0	24.6	37.0#

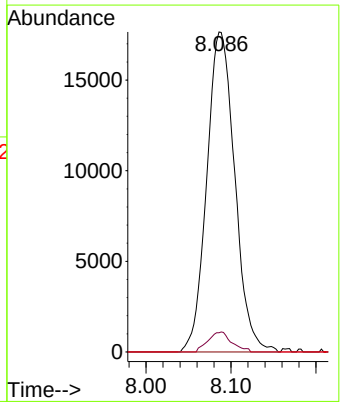


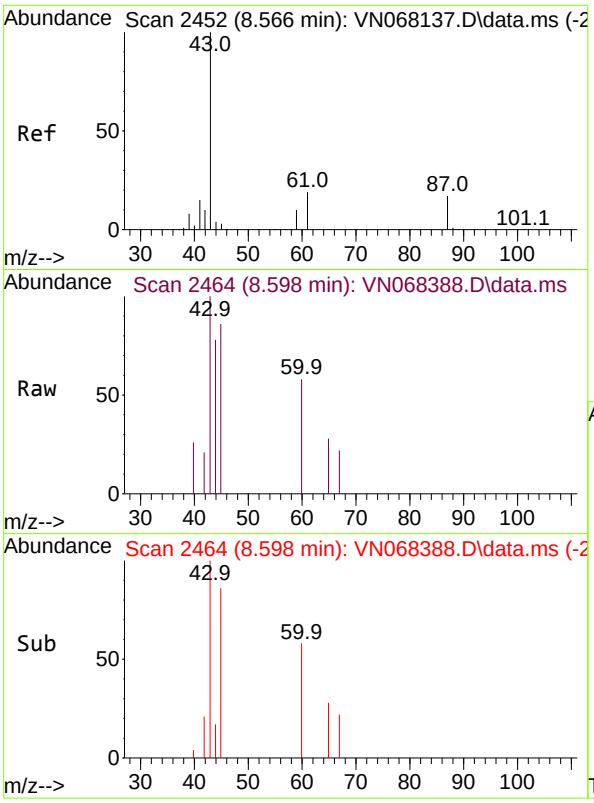


#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:117 Resp: 40427

Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.4	113.2#
121	0.0	23.5	35.3#

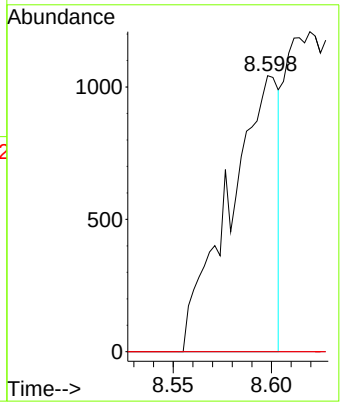




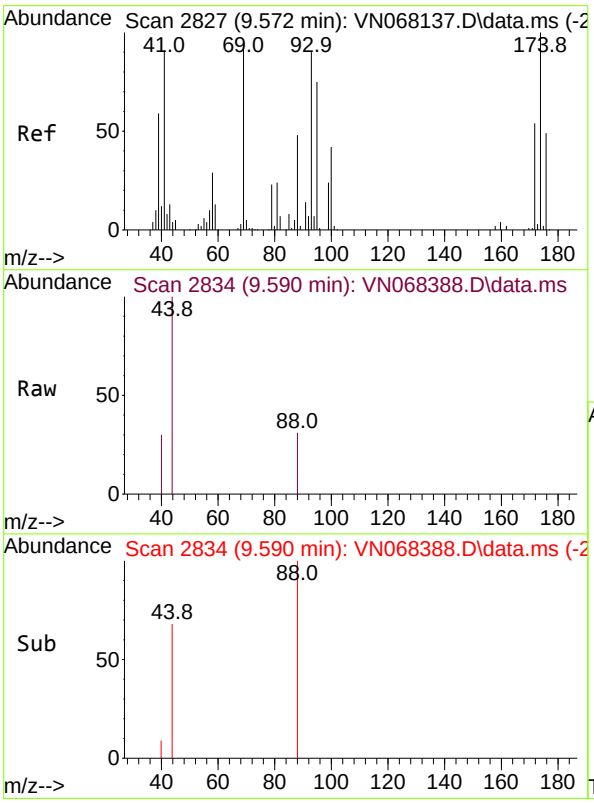
#43
Isopropyl Acetate
Concen: 0.236 ug/l
RT: 8.598 min Scan# 2464
Delta R.T. 0.035 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 43 Resp: 1802

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.0	28.4#
87	0.0	9.5	14.3#



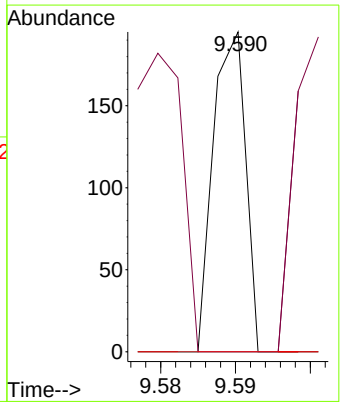
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01



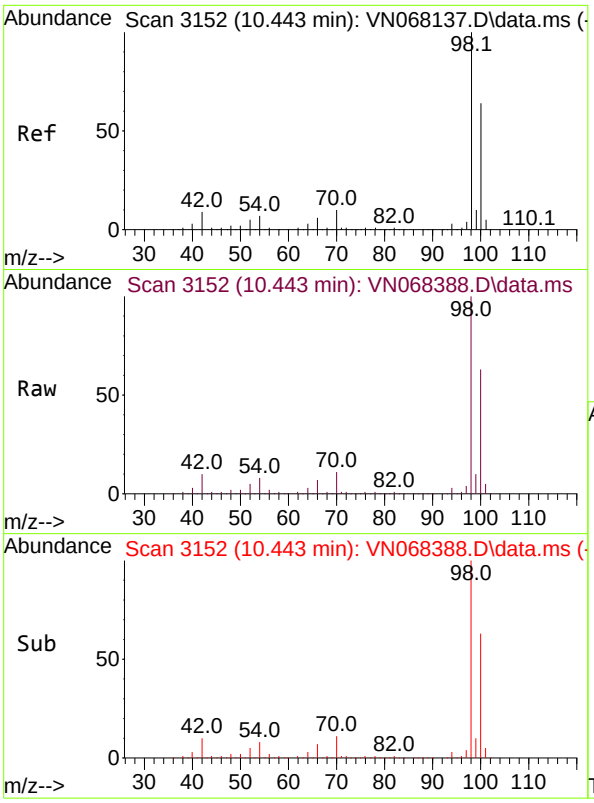
#49
1,4-Dioxane
Concen: 0.735 ug/l
RT: 9.590 min Scan# 2834
Delta R.T. 0.019 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 88 Resp: 58

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.8	43.2#
58	0.0	60.4	90.6#



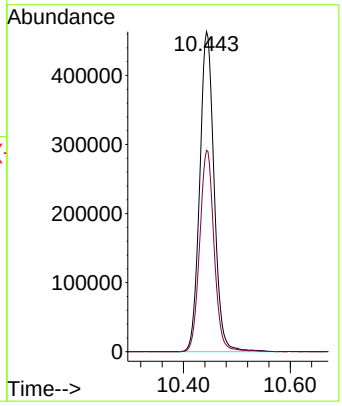
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

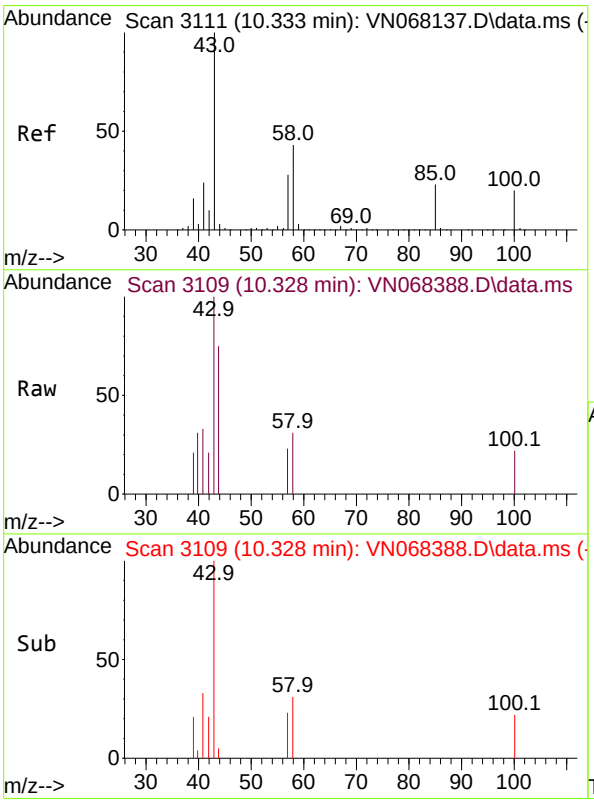


#50
Toluene-d8
Concen: 51.279 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 98 Resp: 868532

Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.7	77.5

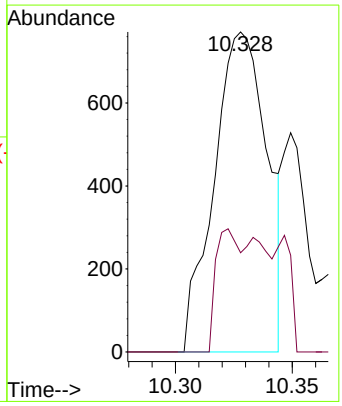




#51
4-Methyl-2-Pentanone
Concen: 0.254 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.005 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 43 Resp: 1216

Ion	Ratio	Lower	Upper
43	100		
58	17.4	28.6	43.0#



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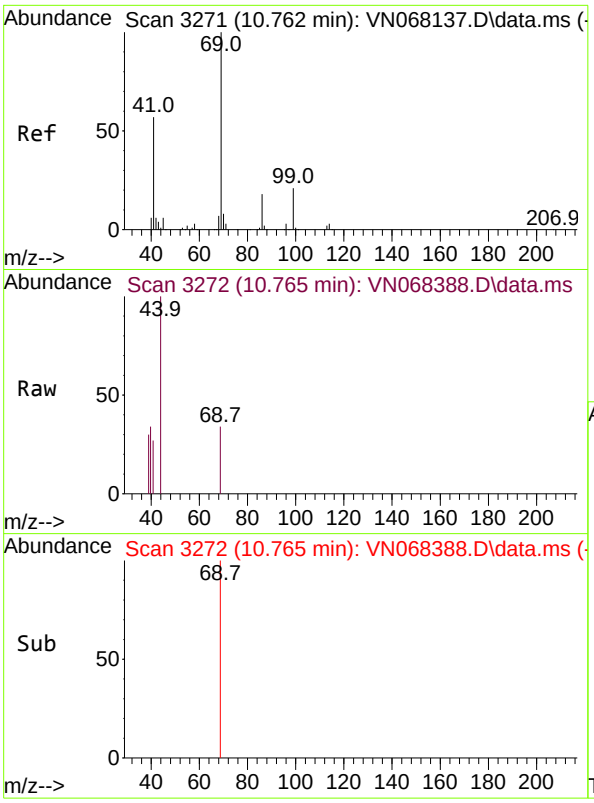
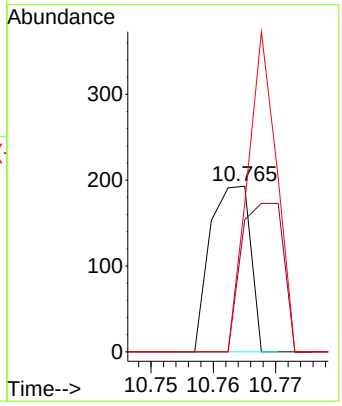
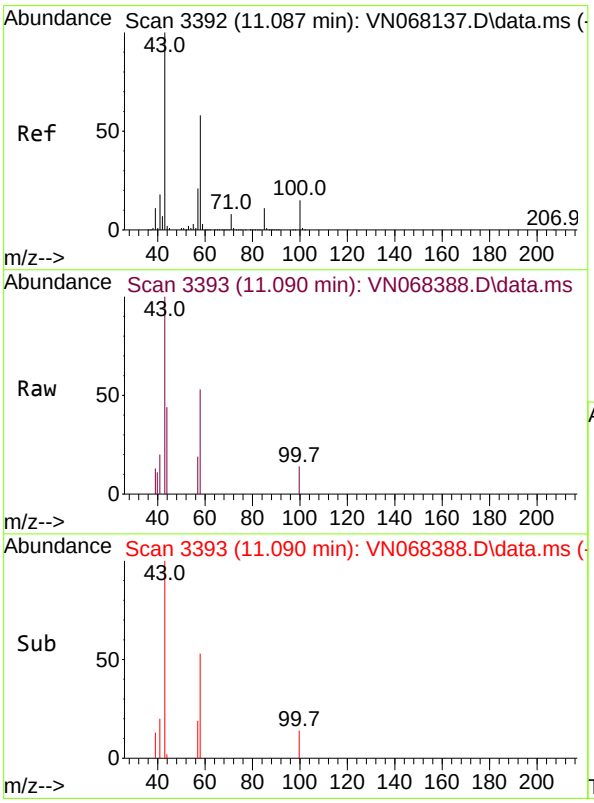


#56
Ethyl methacrylate
Concen: 1.668 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 69 Resp: 86

Ion	Ratio	Lower	Upper
69	100		
41	93.0	58.6	88.0#
39	139.5	38.3	57.5#

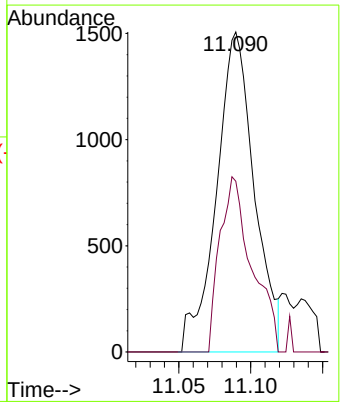




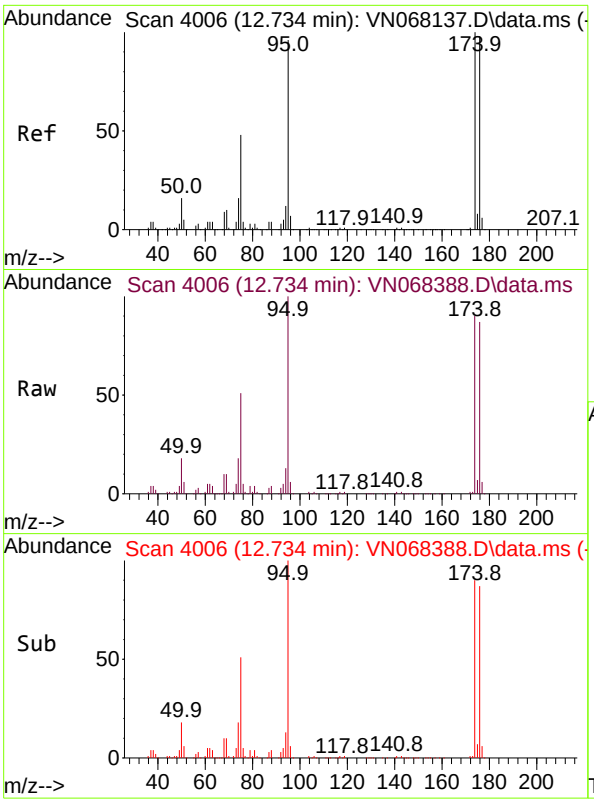
#59
2-Hexanone
Concen: 0.829 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 43 Resp: 2759

Ion	Ratio	Lower	Upper
43	100		
58	46.3	24.7	74.1



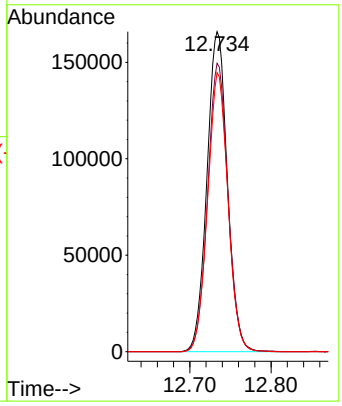
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

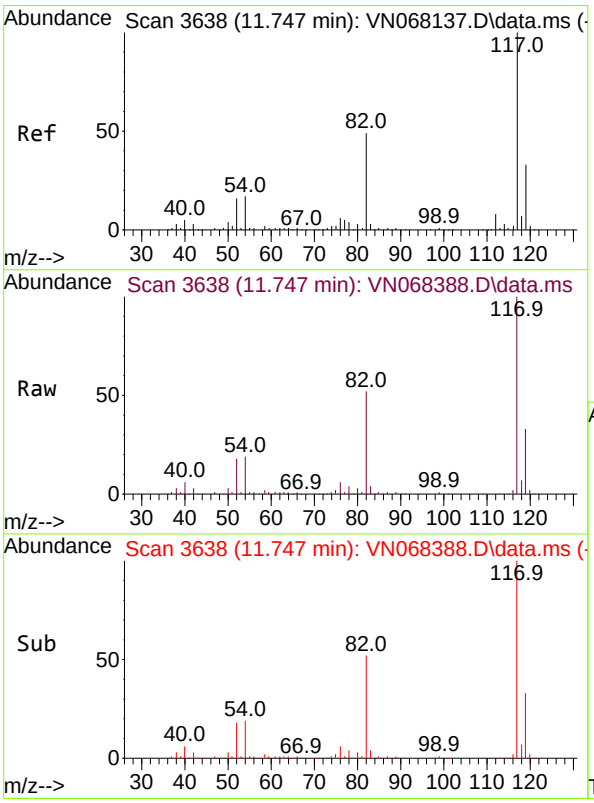


#62
4-Bromofluorobenzene
Concen: 52.079 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 95 Resp: 289475

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	122.0
176	86.5	0.0	117.6

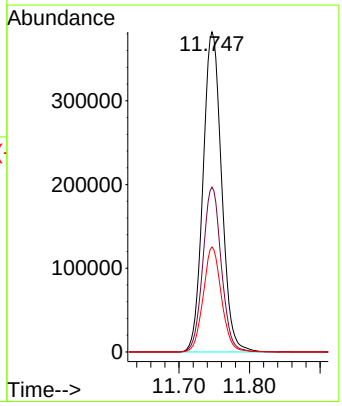




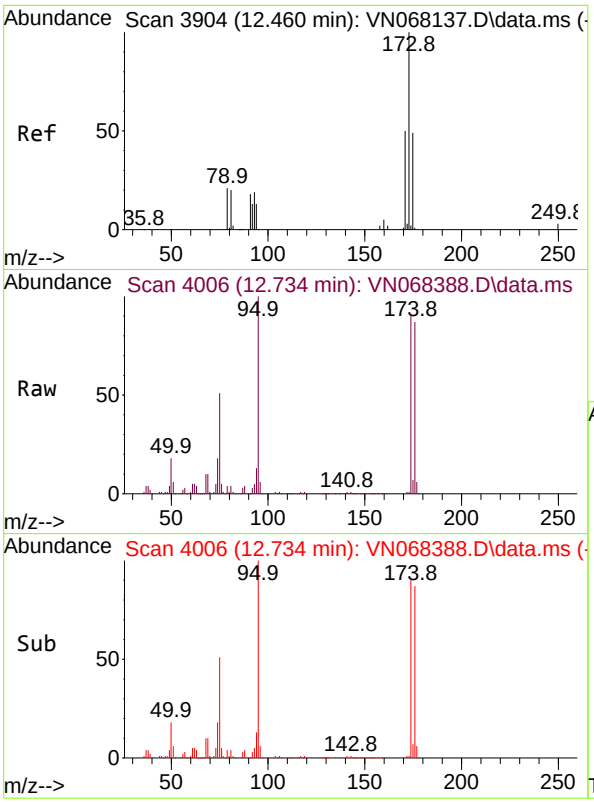
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:117 Resp: 699345

Ion	Ratio	Lower	Upper
117	100		
82	51.5	53.1	79.7#
119	32.8	25.5	38.3



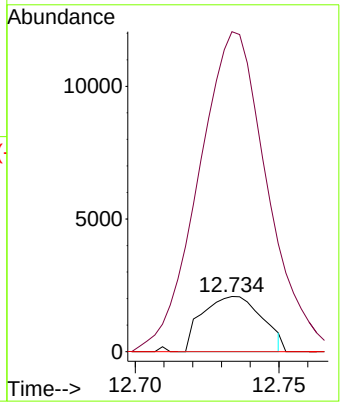
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

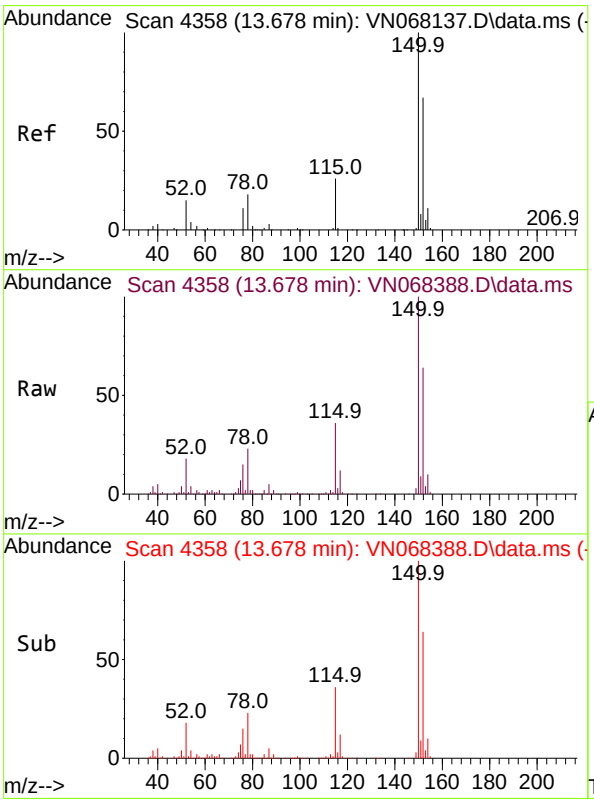


#71
Bromoform
Concen: 2.489 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:173 Resp: 3005

Ion	Ratio	Lower	Upper
173	100		
175	615.0	23.9	71.8#
254	0.0	0.0	0.0

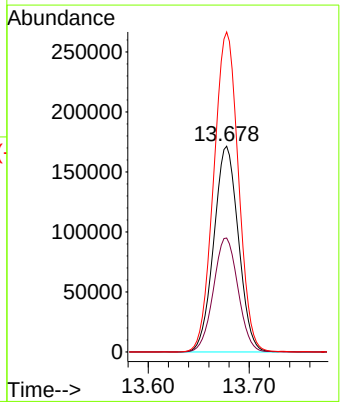




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:152 Resp: 289641

Ion	Ratio	Lower	Upper
152	100		
115	55.6	36.1	108.5
150	156.2	0.0	351.8



Instrument :
MSVOA_N
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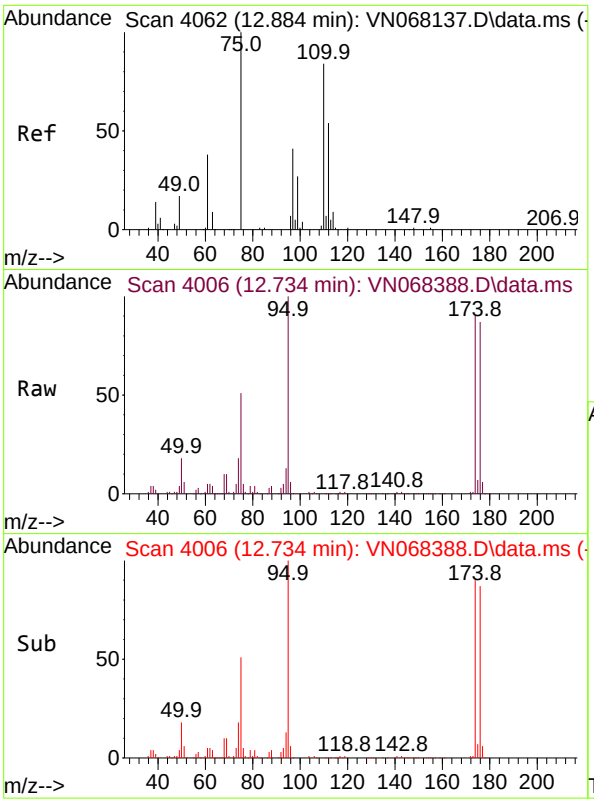
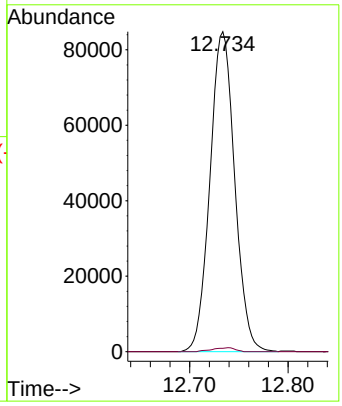
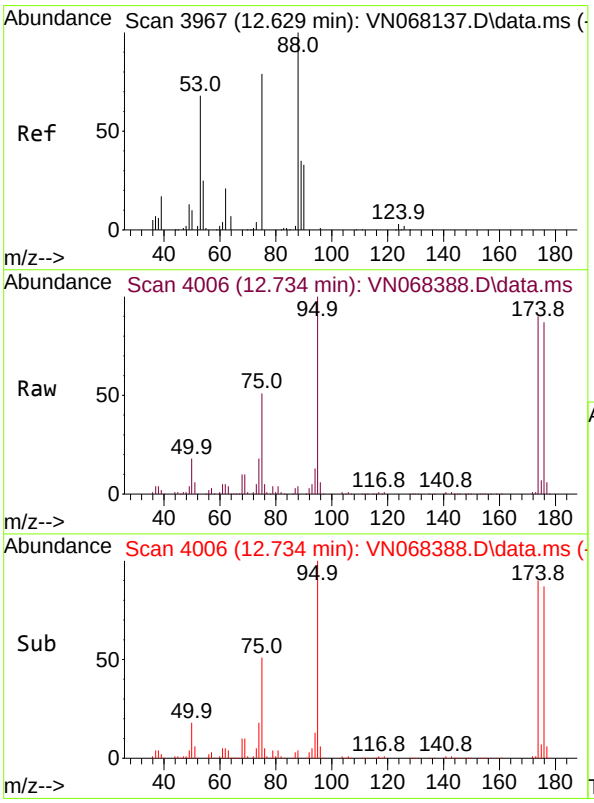


#76
1,2,3-Trichloropropane
Concen: 30.172 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 75 Resp: 148521

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

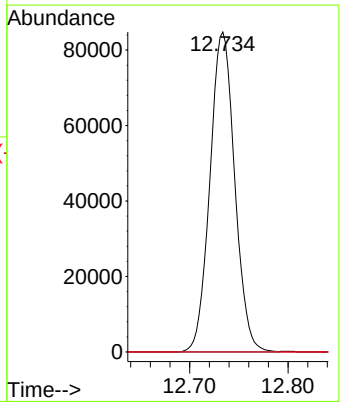




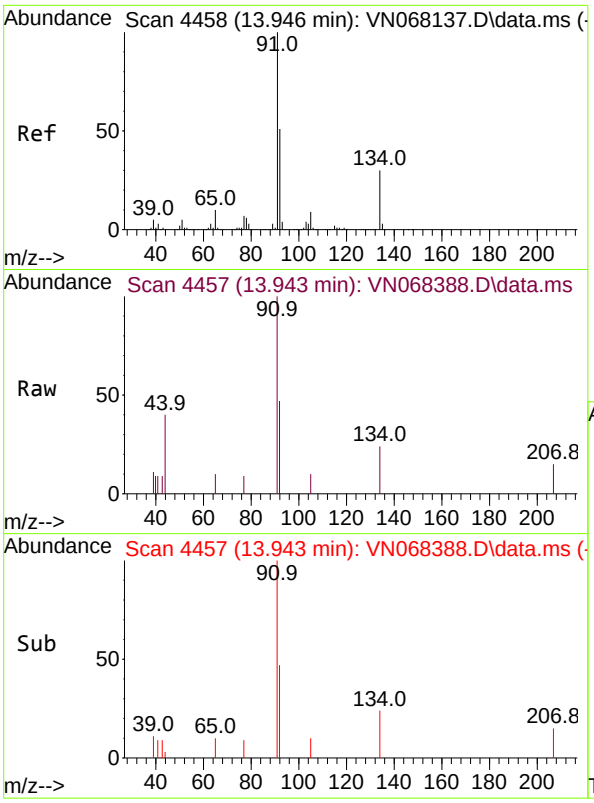
#81
trans-1,4-Dichloro-2-butene
Concen: 99.687 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 75 Resp: 148521

Ion	Ratio	Lower	Upper
75	100		
53	0.0	87.6	131.4#
89	0.0	37.8	56.8#



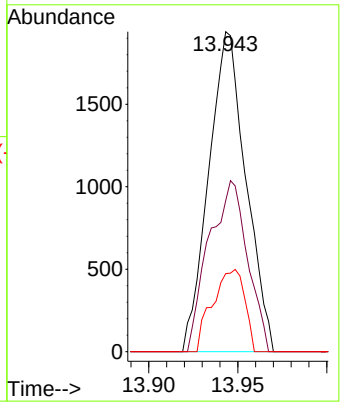
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

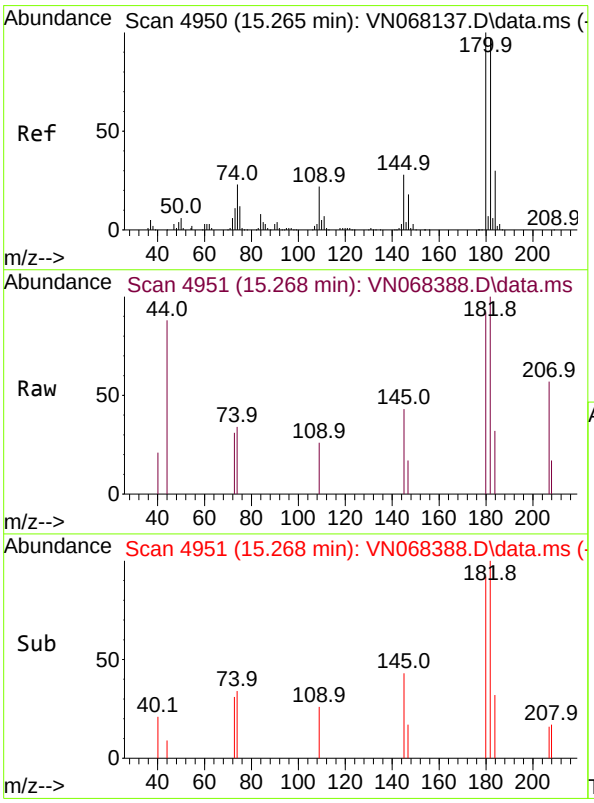


#89
n-Butylbenzene
Concen: 0.222 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion: 91 Resp: 2818

Ion	Ratio	Lower	Upper
91	100		
92	55.4	25.7	77.1
134	22.1	11.2	33.6

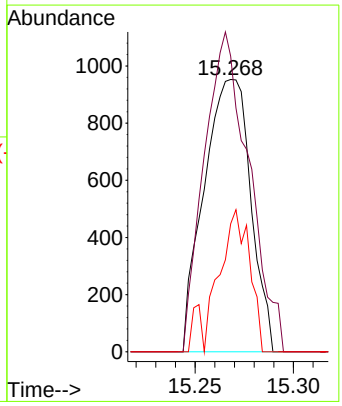




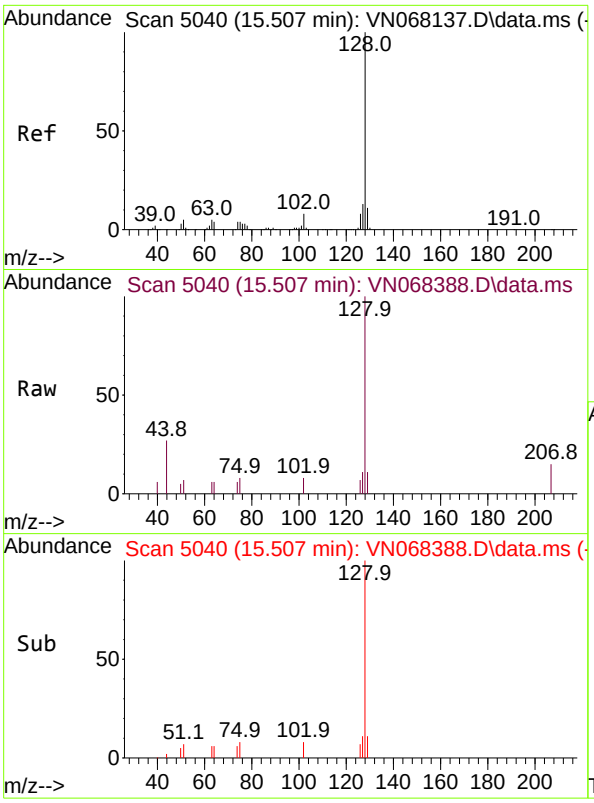
#93
1,2,4-Trichlorobenzene
Concen: 2.497 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:180 Resp: 1571

Ion	Ratio	Lower	Upper
180	100		
182	112.3	47.5	142.5
145	33.2	17.2	51.6



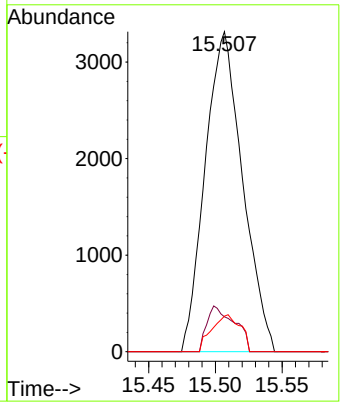
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

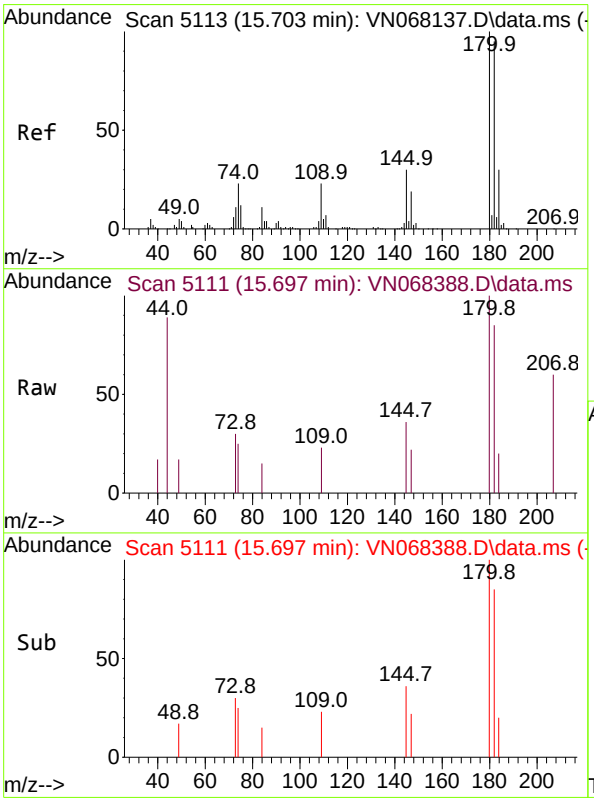


#95
Naphthalene
Concen: 2.860 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:128 Resp: 6463

Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.6	15.8
129	8.8	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 2.403 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.005 min
Lab File: VN068388.D
Acq: 2 Sep 2021 14:23

Tgt Ion:180 Resp: 2091

Ion	Ratio	Lower	Upper
180	100		
182	87.6	47.8	143.3
145	28.5	18.2	54.6