Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061821\
Data File : VN067400.D
Acq On : 18 Jun 2021 15:13
Operator : JC/MD
Sample : PB137182ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB137182ZHE#02

Quant Time: Jun 19 00:40:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 15 05:19:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	323135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	664611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	588821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	211503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	309696	48.583	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.160%			
35) Dibromofluoromethane	8.024	113	203659	46.075	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.140%			
50) Toluene-d8	10.446	98	867254	51.190	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.380%			
62) 4-Bromofluorobenzene	12.733	95	302783	43.306	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.620%			
Target Compounds						Qvalue
3) Chloromethane	2.301	50	1083	0.221	ug/l #	84
10) Methyl Iodide	4.414	142	189	6.783	ug/l #	30
13) Acrolein	4.033	56	234	0.357	ug/l #	14
16) Acetone	4.299	43	29843	12.200	ug/l	97
18) Methyl Acetate	4.870	43	6218	1.048	ug/l #	79
20) Methylene Chloride	5.095	84	20763	4.079	ug/l	92
25) 2-Butanone	7.353	43	6004	1.718	ug/l	94
29) Tetrahydrofuran	7.707	42	1868	0.848	ug/l #	60
31) Cyclohexane	8.088	56	12015	1.386	ug/l #	5
36) 1,1-Dichloropropene	8.088	75	39483	5.299	ug/l #	45
37) Ethyl Acetate	7.353	43	6004	0.761	ug/l #	73
38) Carbon Tetrachloride	8.088	117	41295	5.156	ug/l #	16
43) Isopropyl Acetate	8.566	43	60471	4.268	ug/l #	91
45) 1,2-Dichloropropane	9.625	63	3440	0.620	ug/l #	44
48) Methyl methacrylate	9.550	41	13081	2.025	ug/l #	13
49) 1,4-Dioxane	9.636	88	340	3.845	ug/l #	1
51) 4-Methyl-2-Pentanone	10.344	43	9603	1.177	ug/l #	86
54) cis-1,3-Dichloropropene	10.247	75	92148	9.727	ug/l #	57
57) 1,3-Dichloropropane	11.095	76	48941	5.299	ug/l #	43
59) 2-Hexanone	11.095	43	787639	131.793	ug/l #	53
71) Bromoform	12.731	173	2774	0.761	ug/l #	1
74) N-amyl acetate	12.200	43	41540	4.193	ug/l #	56
76) 1,2,3-Trichloropropane	12.733	75	173470	31.584	ug/l #	100
80) 1,3,5-Trimethylbenzene	13.063	105	10629	0.622	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.733	75	173470	78.274	ug/l #	6
95) Naphthalene	15.507	128	4490	2.939	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.702	180	744	0.210	ug/l #	86

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

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Acq On : 18 Jun 2021 15:13
Operator : JC/MD
Sample : PB137182ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02

Quant Time: Jun 19 00:40:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
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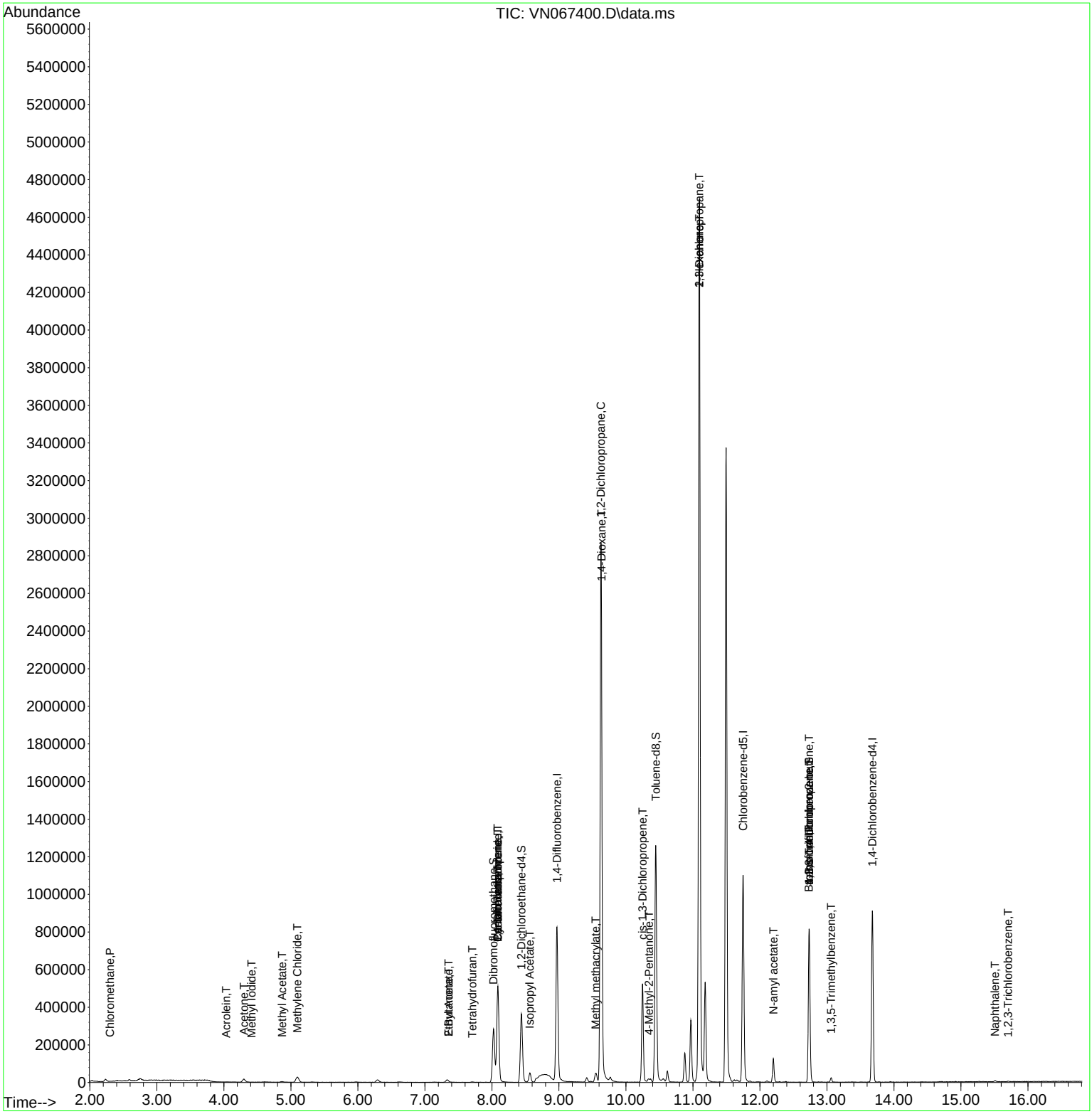
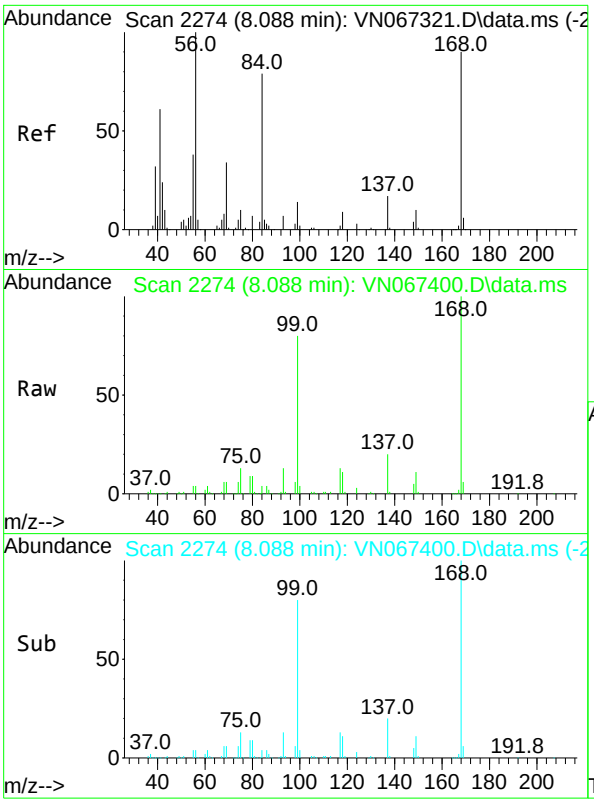
Response via : Initial Calibration



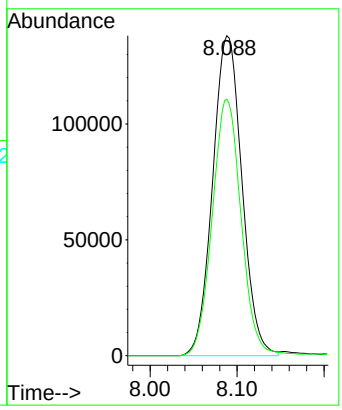
Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02

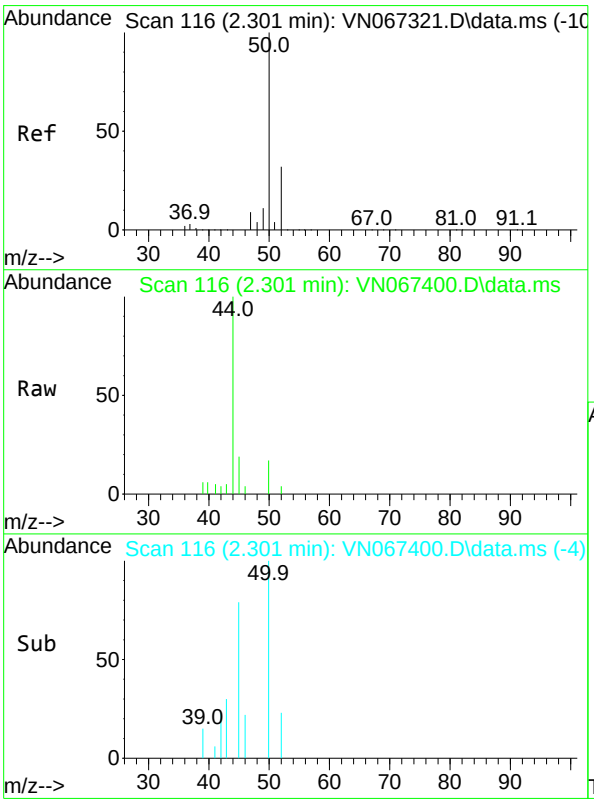


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:168 Resp: 323135

Ion	Ratio	Lower	Upper
168	100		
99	80.1	62.9	94.3

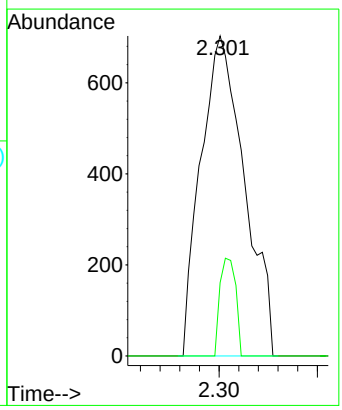


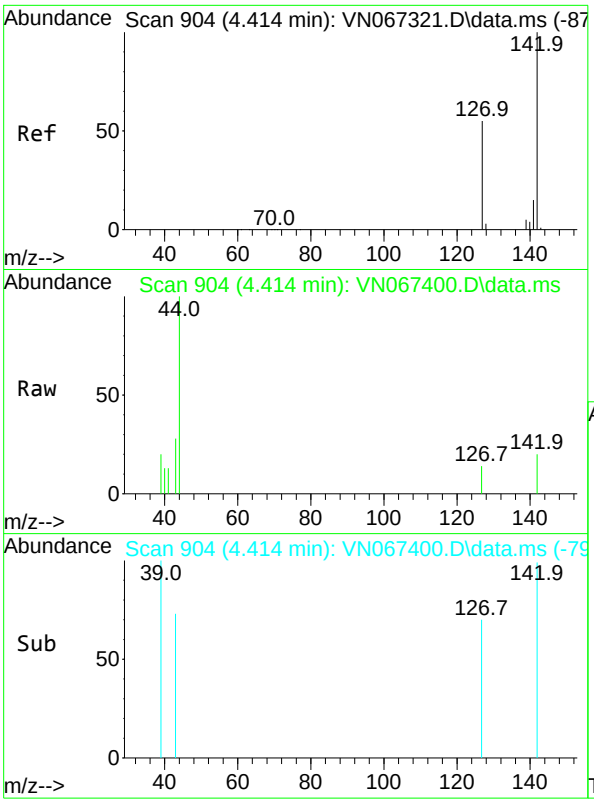


#3
Chloromethane
Concen: 0.221 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 50 Resp: 1083

Ion	Ratio	Lower	Upper
50	100		
52	22.9	25.6	38.4#

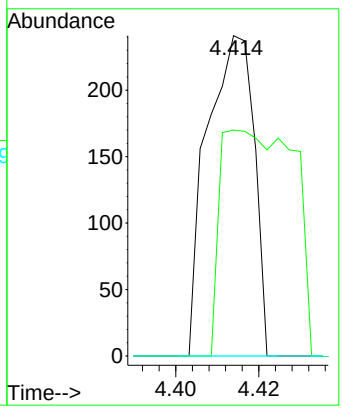




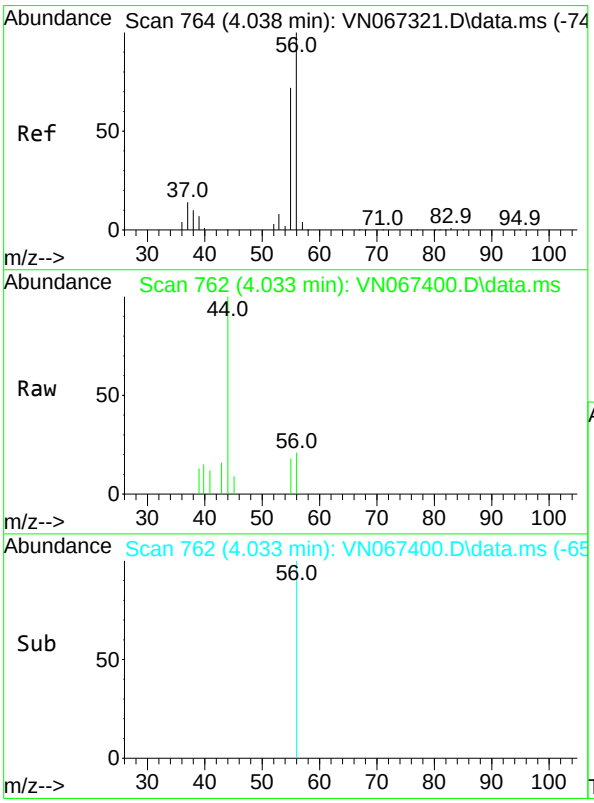
#10
Methyl Iodide
Concen: 6.783 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:142 Resp: 189

Ion	Ratio	Lower	Upper
142	100		
127	110.6	43.1	64.7#
141	0.0	11.4	17.0#



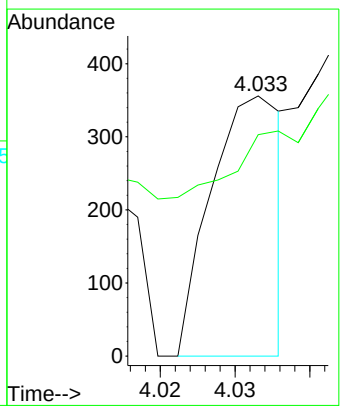
Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02



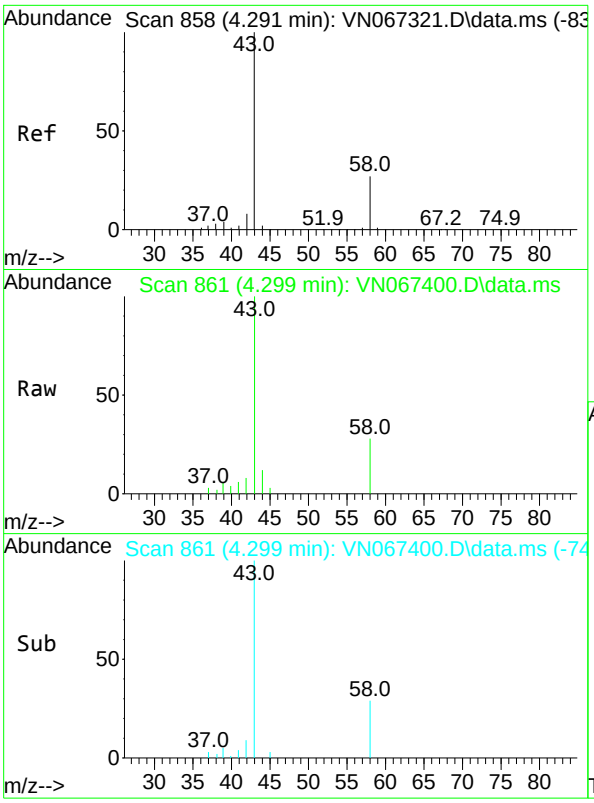
#13
Acrolein
Concen: 0.357 ug/l
RT: 4.033 min Scan# 762
Delta R.T. -0.005 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 56 Resp: 234

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.4	86.0#



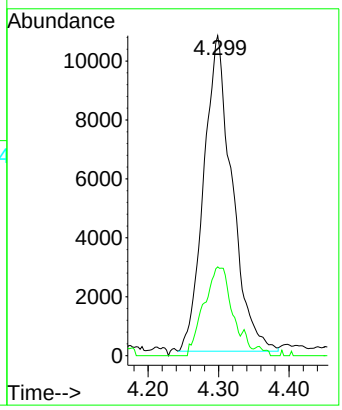
Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02

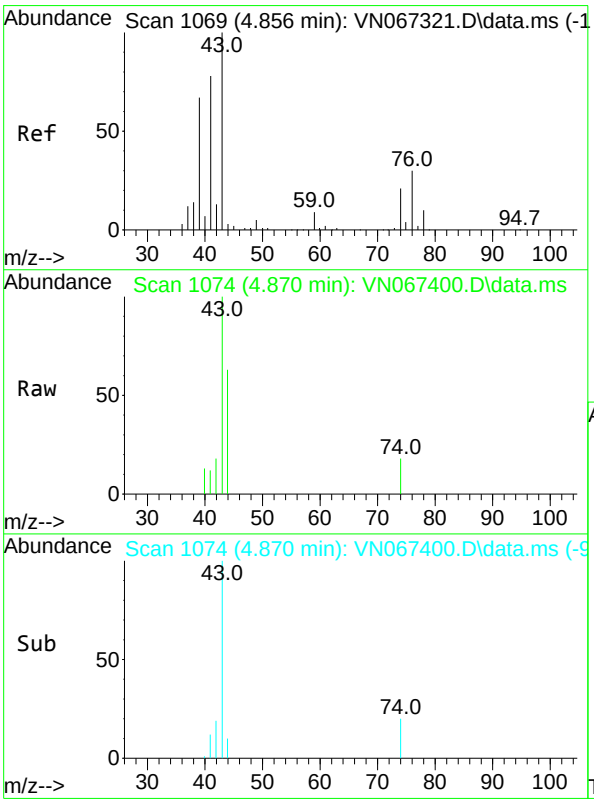


#16
Acetone
Concen: 12.200 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 43 Resp: 29843

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.2	31.8

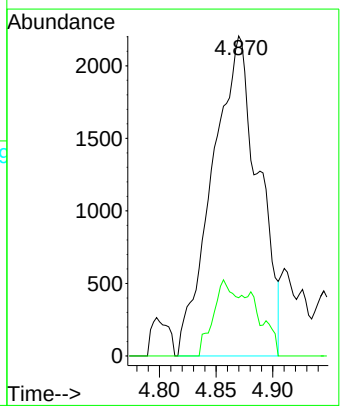


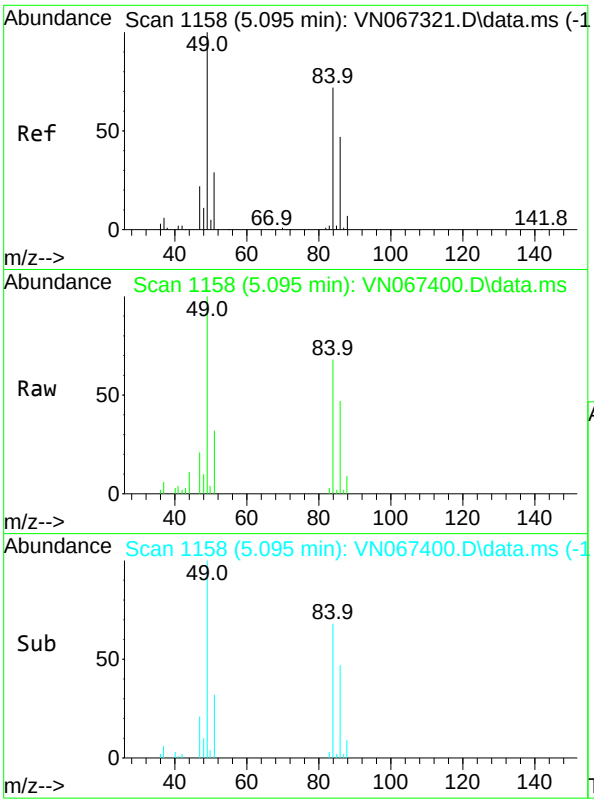


#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.014 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 43 Resp: 6218

Ion	Ratio	Lower	Upper
43	100		
74	11.8	17.4	26.0#

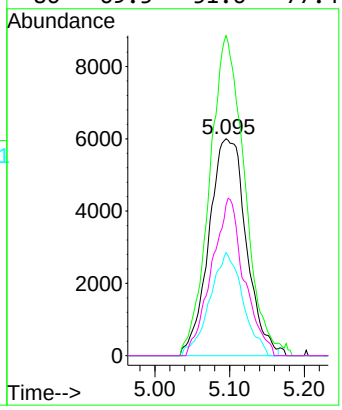




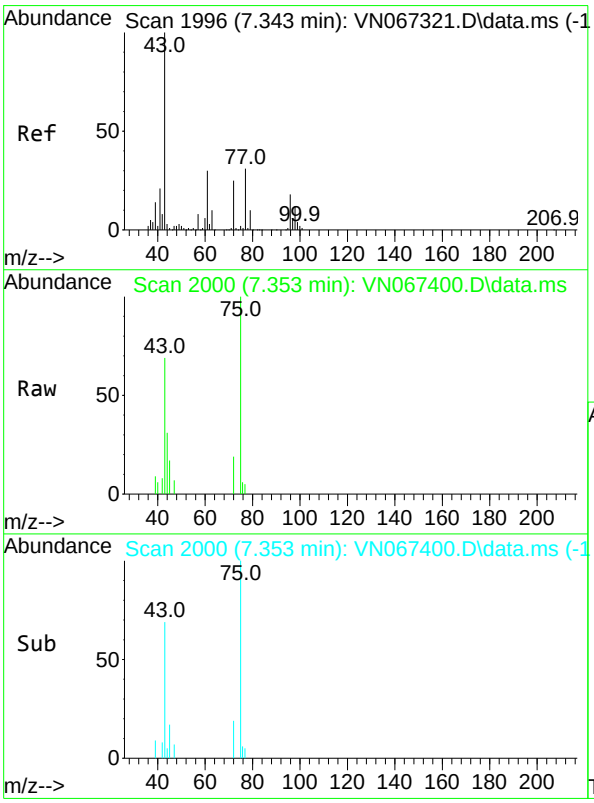
#20
Methylene Chloride
Concen: 4.079 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 84 Resp: 20763

Ion	Ratio	Lower	Upper
84	100		
49	147.5	110.9	166.3
51	47.5	32.6	49.0
86	69.5	51.6	77.4



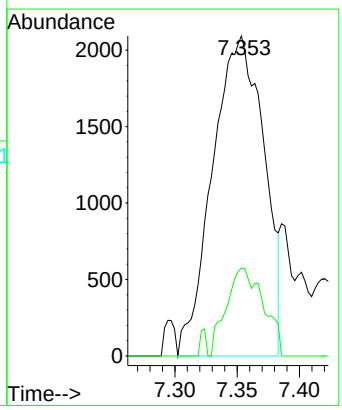
Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02



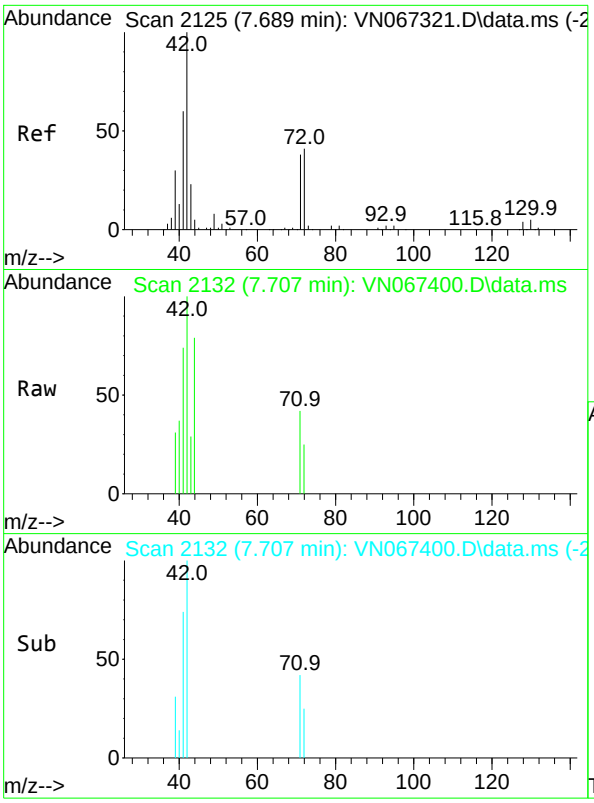
#25
2-Butanone
Concen: 1.718 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.010 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 43 Resp: 6004

Ion	Ratio	Lower	Upper
43	100		
72	27.5	19.7	29.5



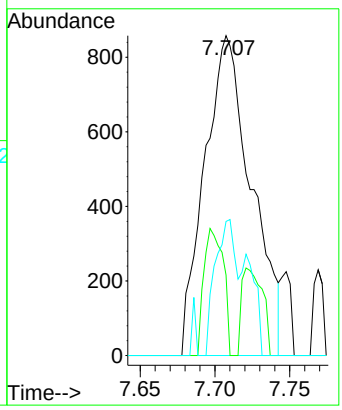
Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02

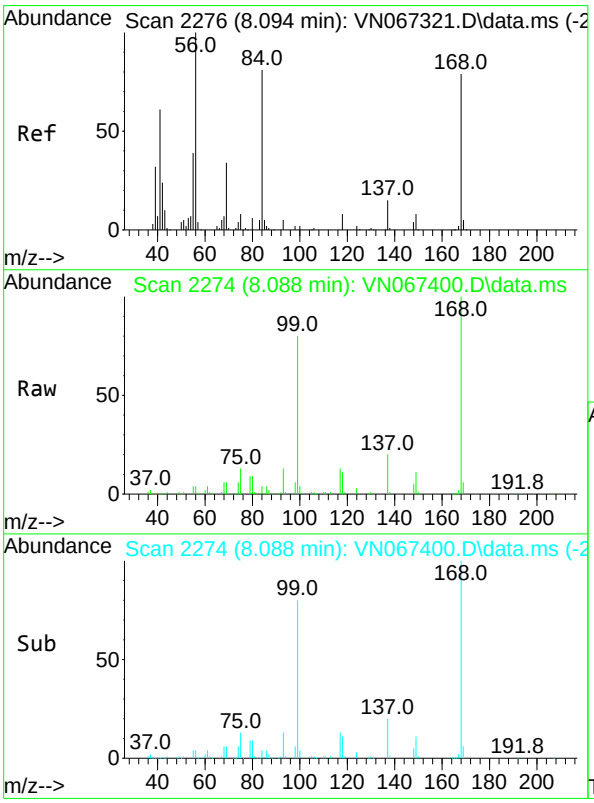


#29
Tetrahydrofuran
Concen: 0.848 ug/l
RT: 7.707 min Scan# 2132
Delta R.T. 0.018 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 42 Resp: 1868

Ion	Ratio	Lower	Upper
42	100		
72	12.0	32.8	49.2#
71	18.8	31.2	46.8#

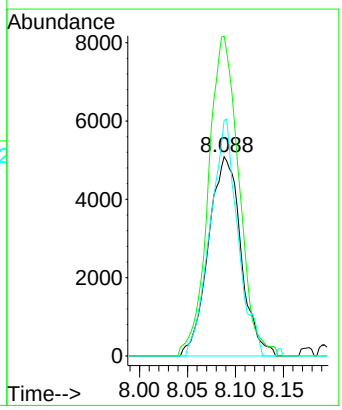




#31
Cyclohexane
Concen: 1.386 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 56 Resp: 12015

Ion	Ratio	Lower	Upper
56	100		
69	160.6	27.3	40.9#
84	118.2	64.9	97.3#



Instrument :
MSVOA_N
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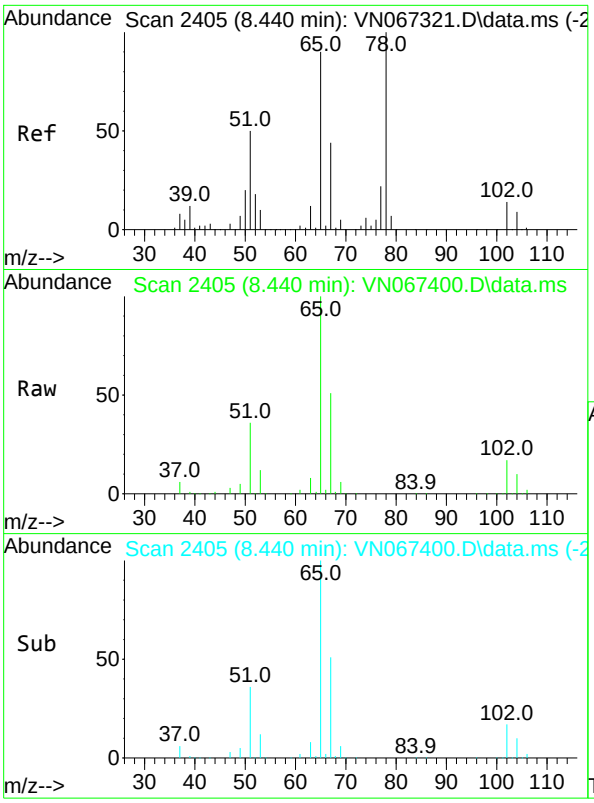
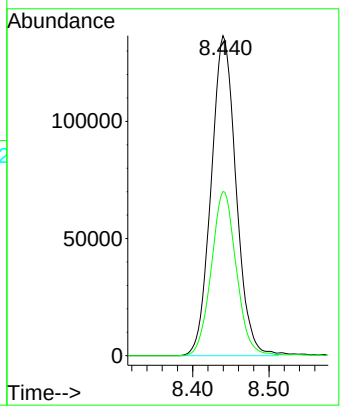
PB137182ZHE#02

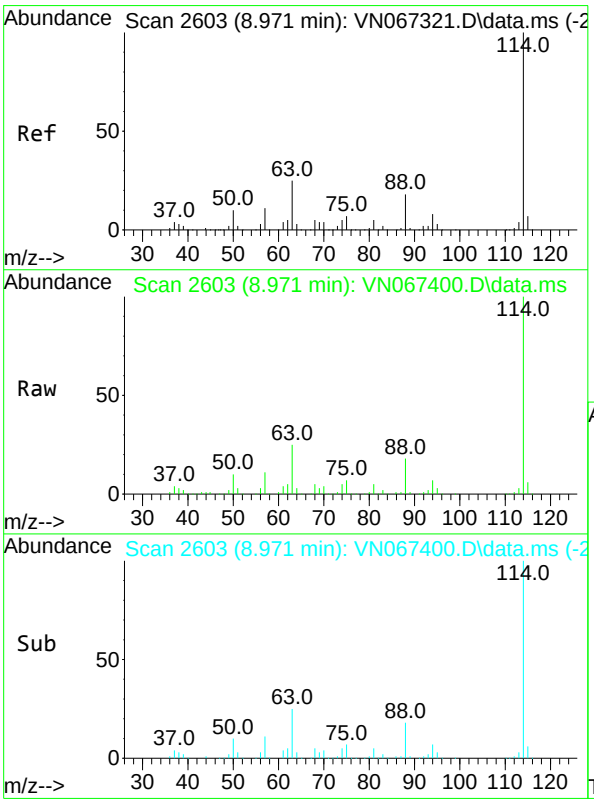


#33
1,2-Dichloroethane-d4
Concen: 48.583 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 65 Resp: 309696

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	98.6

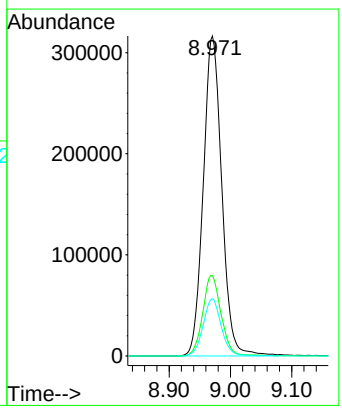




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:114 Resp: 664611

Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	49.0
88	17.9	0.0	36.6



Instrument :
MSVOA_N
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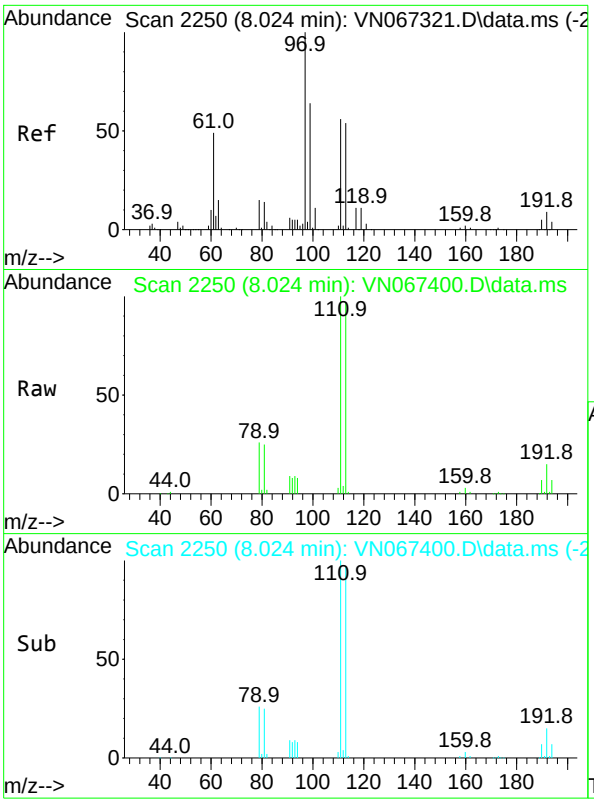
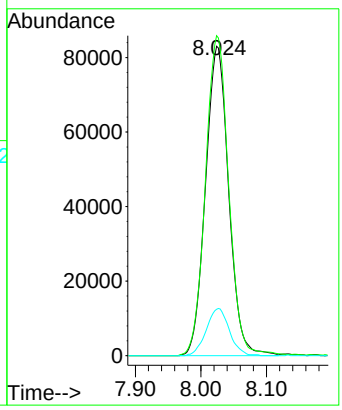
PB137182ZHE#02

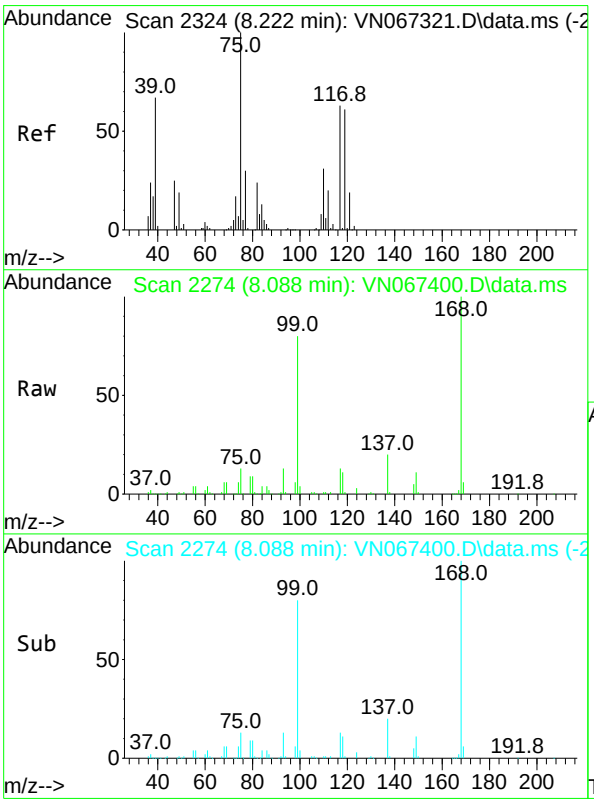


#35
Dibromofluoromethane
Concen: 46.075 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:113 Resp: 203659

Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.8
192	15.2	13.4	20.0

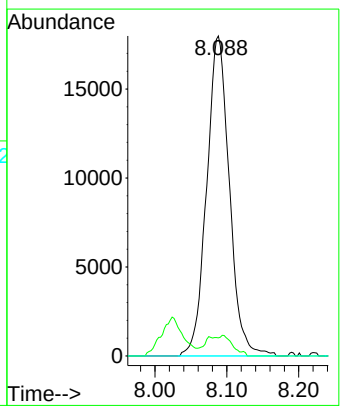




#36
1,1-Dichloropropene
Concen: 5.299 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 75 Resp: 39483

Ion	Ratio	Lower	Upper
75	100		
110	1.1	15.7	47.0#
77	0.0	24.6	37.0#



Instrument :
MSVOA_N
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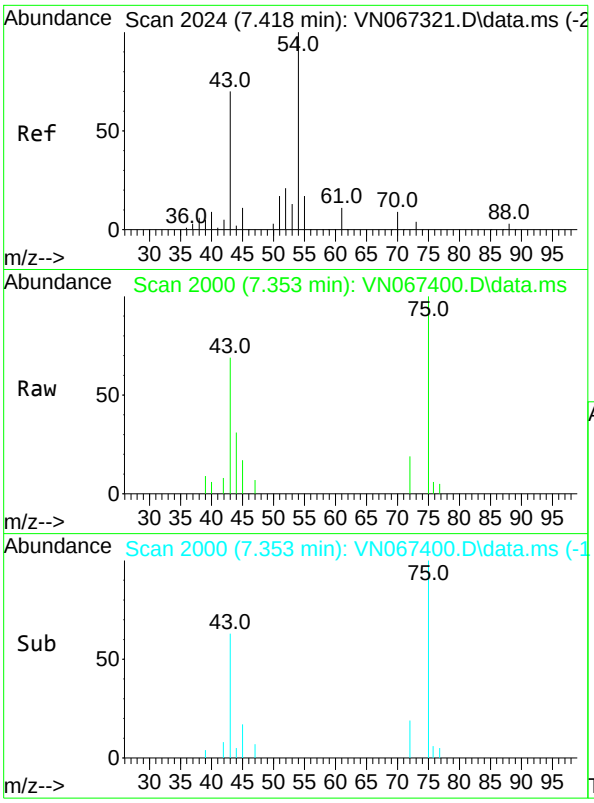
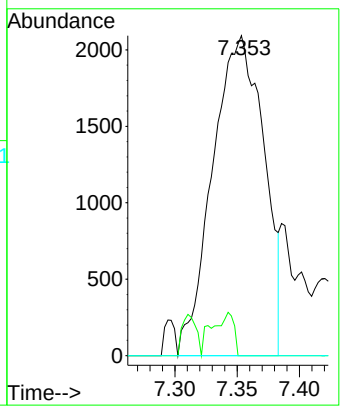
PB137182ZHE#02

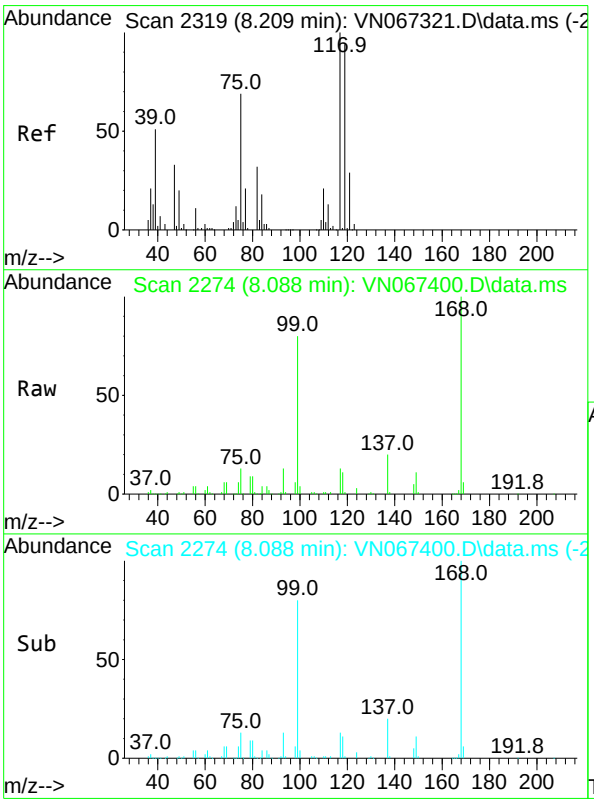


#37
Ethyl Acetate
Concen: 0.761 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. -0.065 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 43 Resp: 6004

Ion	Ratio	Lower	Upper
43	100		
61	2.6	10.6	16.0#
70	0.0	8.1	12.1#

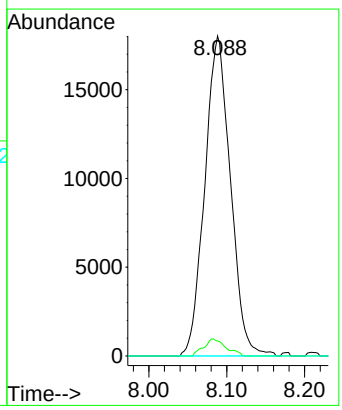


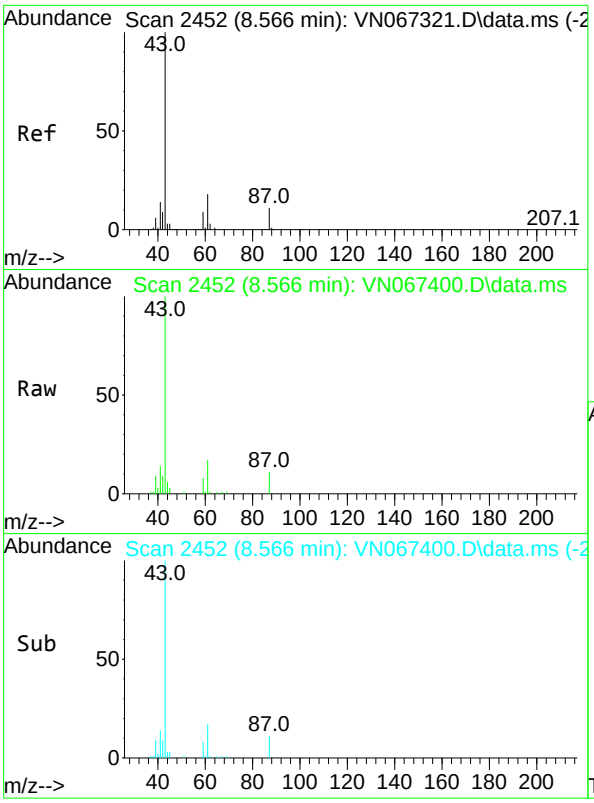


#38
Carbon Tetrachloride
Concen: 5.156 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:117 Resp: 41295

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.4	113.2#
121	0.0	23.5	35.3#

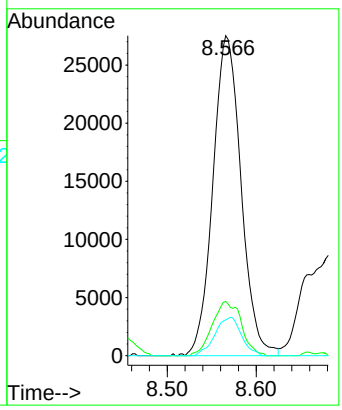




#43
Isopropyl Acetate
Concen: 4.268 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. -0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 43 Resp: 60471

Ion	Ratio	Lower	Upper
43	100		
61	17.5	19.0	28.4#
87	11.3	9.5	14.3



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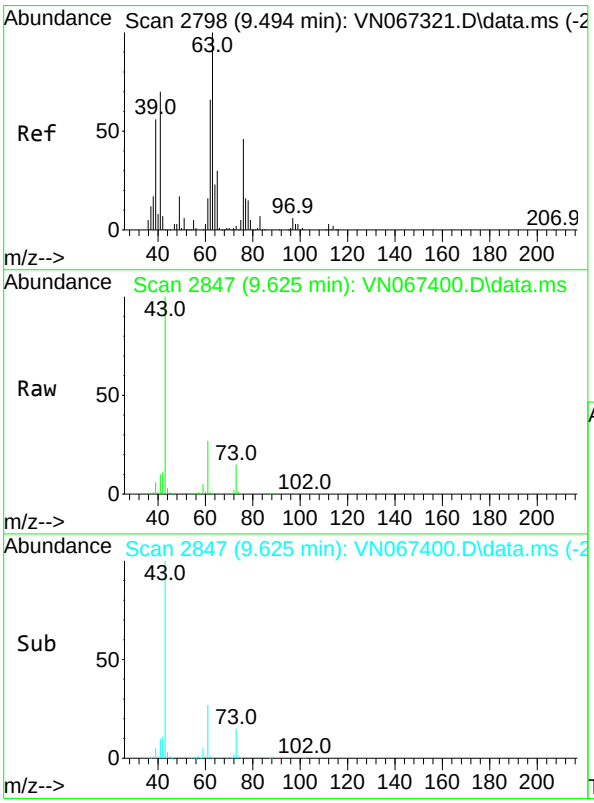
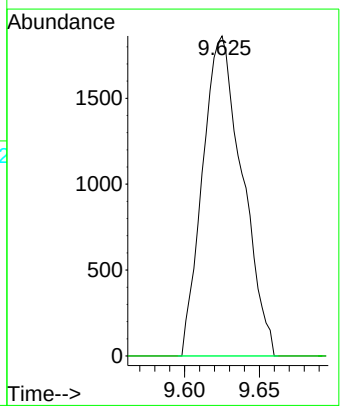


#45
1,2-Dichloropropane
Concen: 0.620 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.131 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 63 Resp: 3440

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.3	36.5#



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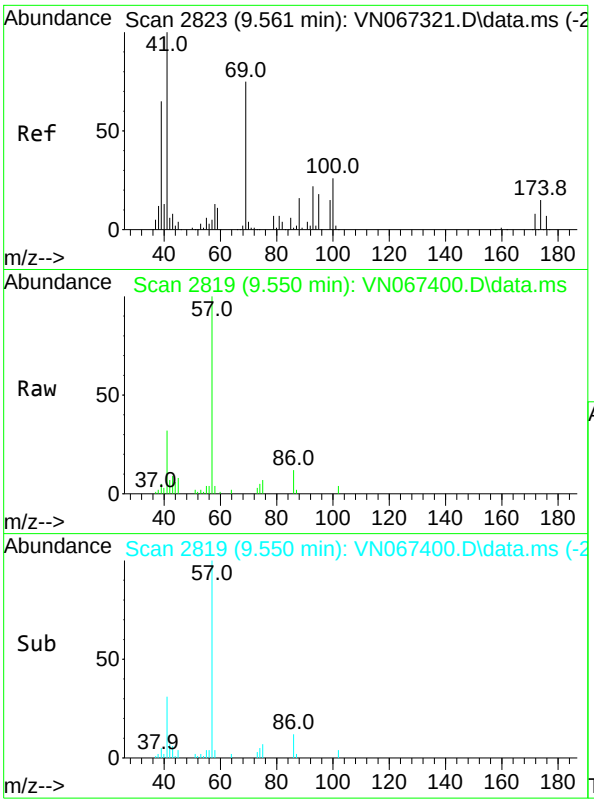
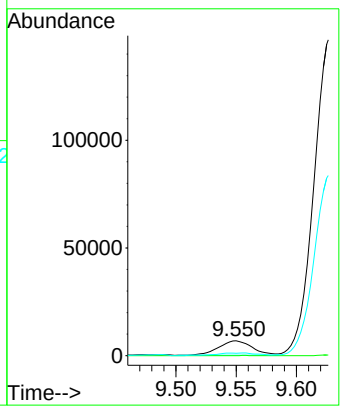
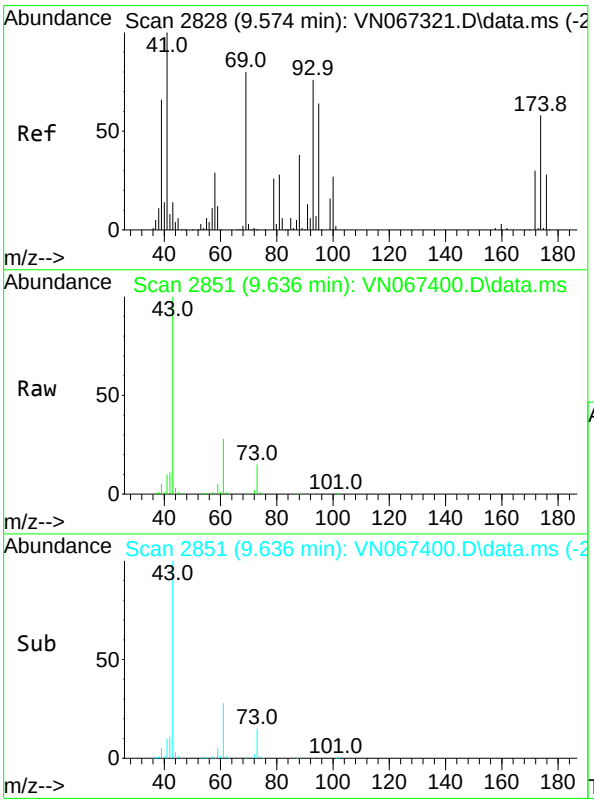


#48
Methyl methacrylate
Concen: 2.025 ug/l
RT: 9.550 min Scan# 2819
Delta R.T. -0.011 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 41 Resp: 13081

Ion	Ratio	Lower	Upper
41	100		
69	0.4	64.6	96.8#
39	0.0	53.3	79.9#

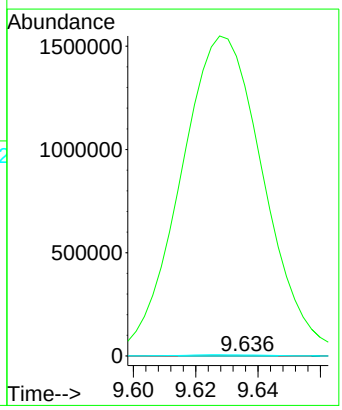




#49
1,4-Dioxane
Concen: 3.845 ug/l
RT: 9.636 min Scan# 2851
Delta R.T. 0.062 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 88 Resp: 340

Ion	Ratio	Lower	Upper
88	100		
43	871173.2	28.8	43.2#
58	3277.6	60.4	90.6#



Instrument :
MSVOA_N
ClientSampleId :
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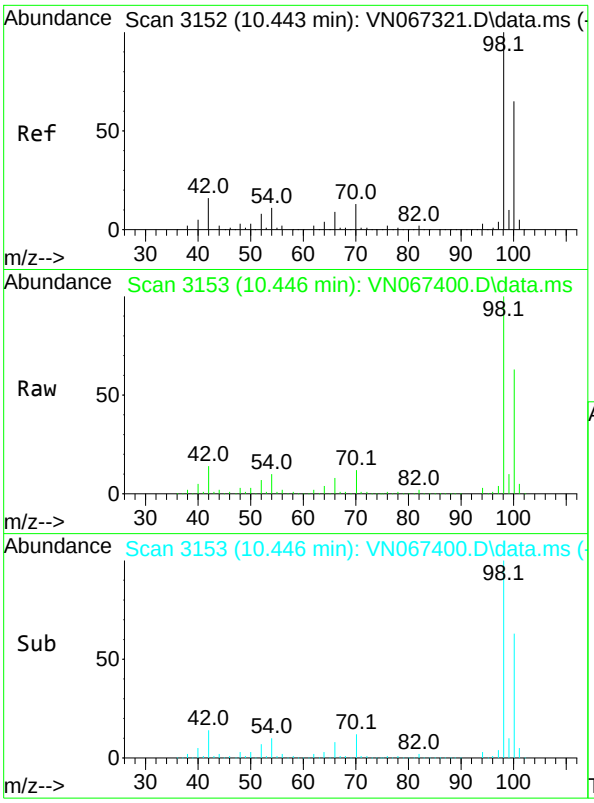
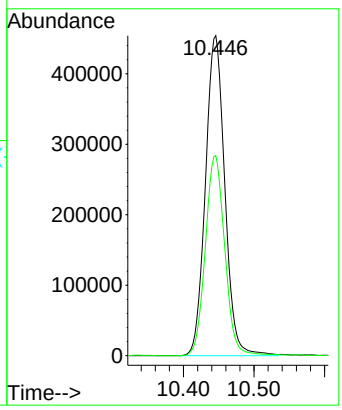
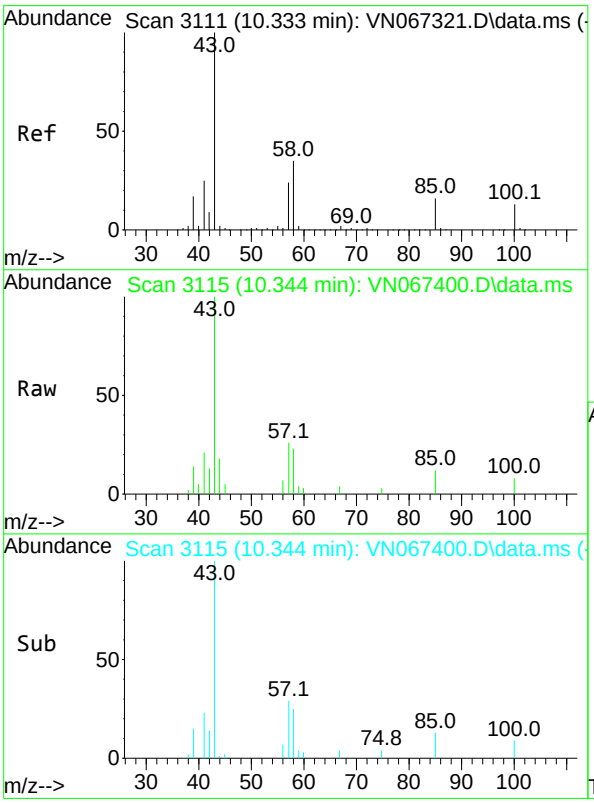


#50
Toluene-d8
Concen: 51.190 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 98 Resp: 867254

Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.7	77.5

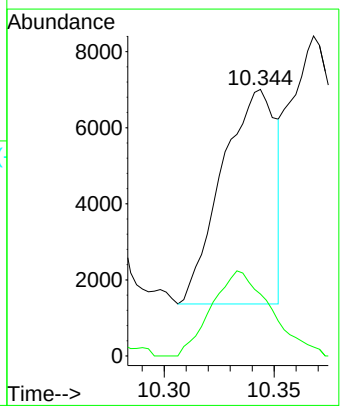




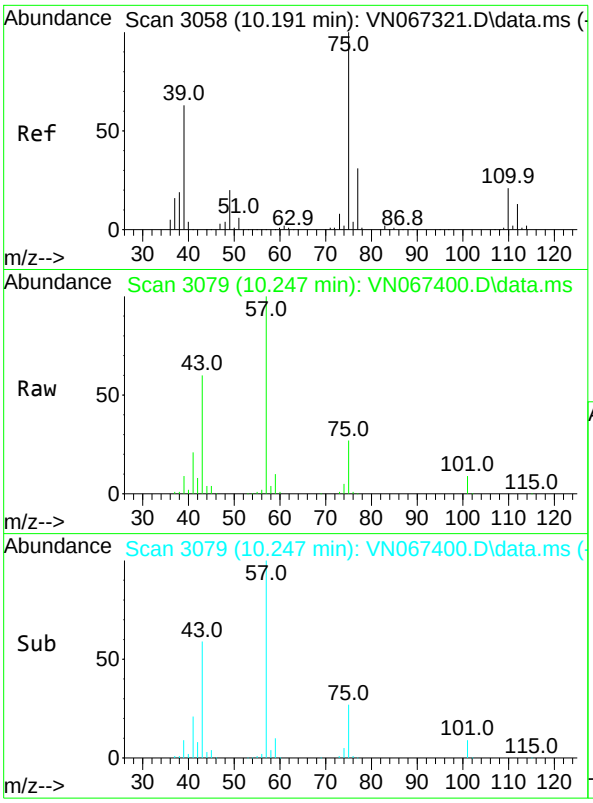
#51
4-Methyl-2-Pentanone
Concen: 1.177 ug/l
RT: 10.344 min Scan# 3115
Delta R.T. 0.011 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 43 Resp: 9603

Ion	Ratio	Lower	Upper
43	100		
58	43.8	28.6	43.0#



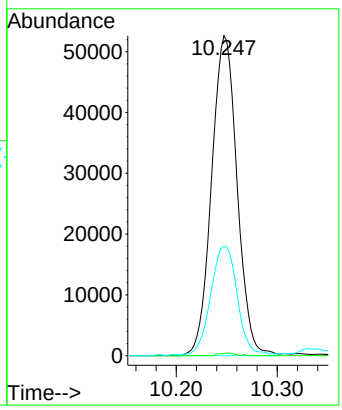
Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02

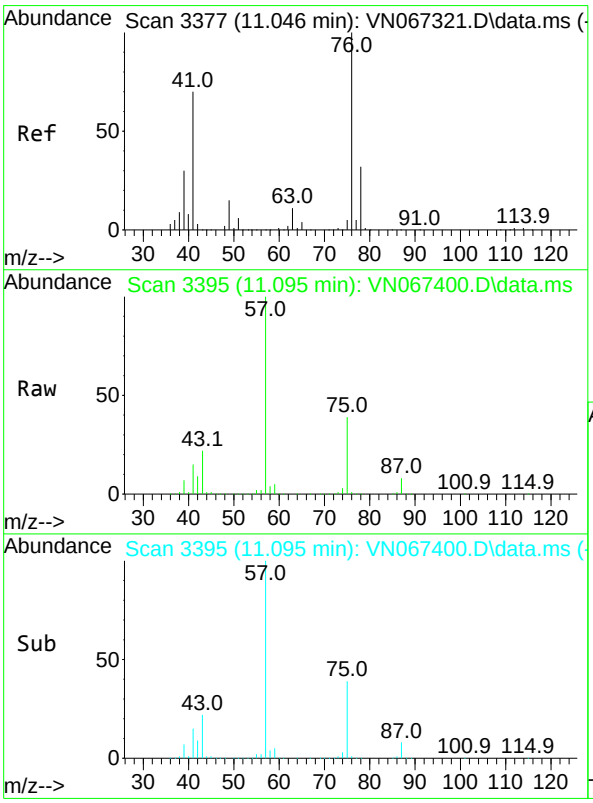


#54
cis-1,3-Dichloropropene
Concen: 9.727 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 75 Resp: 92148

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.6	37.0#
39	34.0	50.7	76.1#

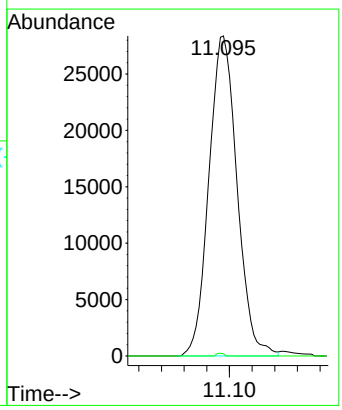


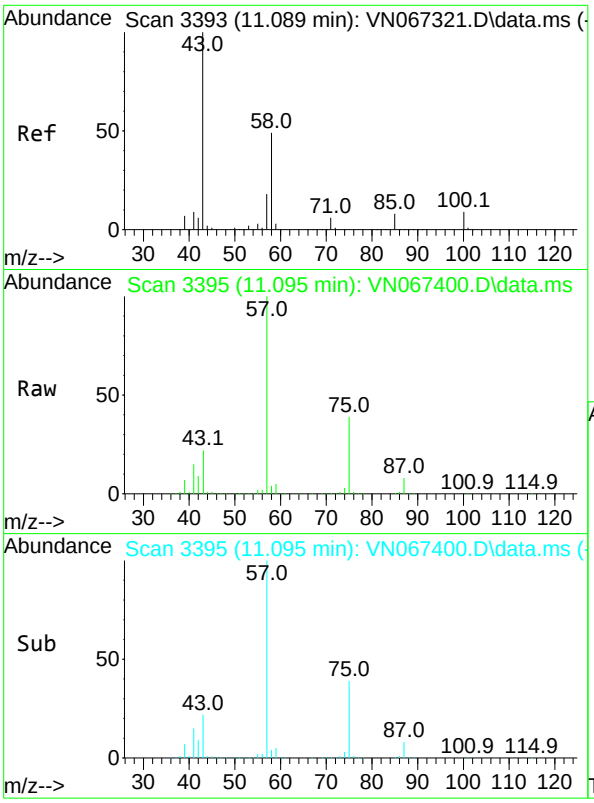


#57
1,3-Dichloropropane
Concen: 5.299 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.049 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 76 Resp: 48941

Ion	Ratio	Lower	Upper
76	100		
78	0.2	25.7	38.5#

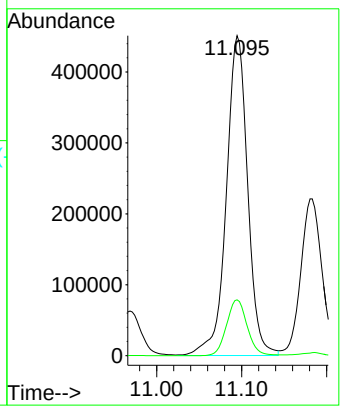




#59
2-Hexanone
Concen: 131.793 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 43 Resp: 787639

Ion	Ratio	Lower	Upper
43	100		
58	16.9	24.7	74.1#



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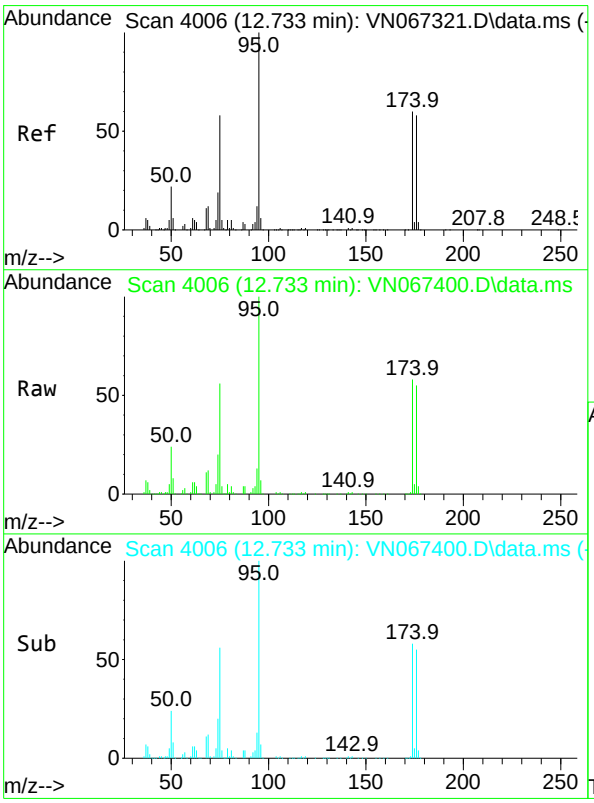
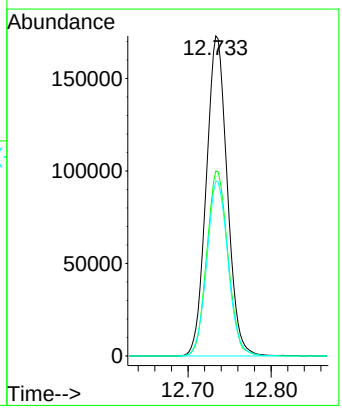


#62
4-Bromofluorobenzene
Concen: 43.306 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 95 Resp: 302783

Ion	Ratio	Lower	Upper
95	100		
174	58.4	0.0	122.0
176	55.5	0.0	117.6



Instrument :
MSVOA_N
ClientSampleId :
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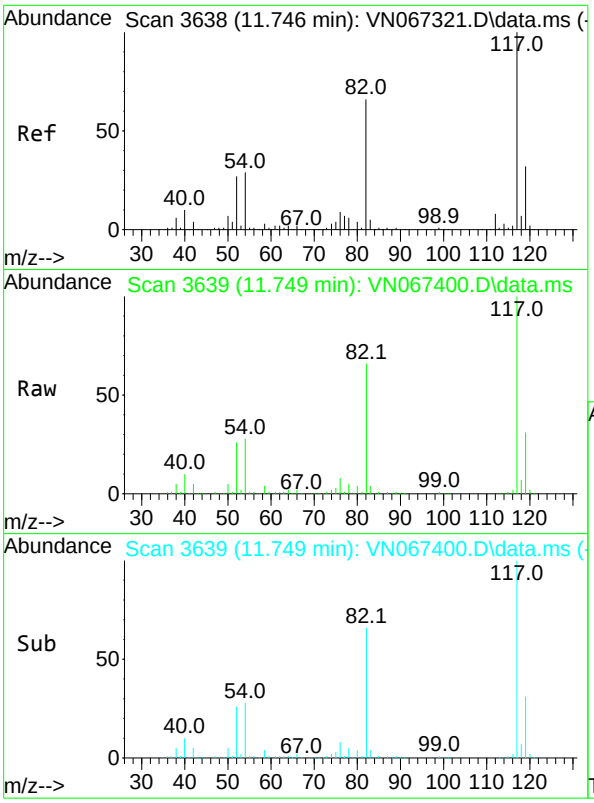
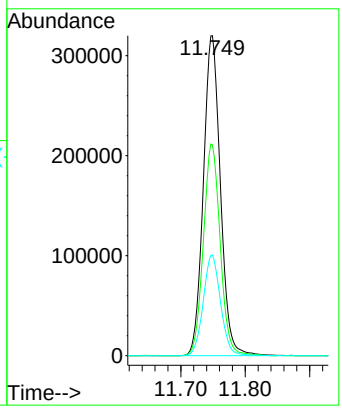
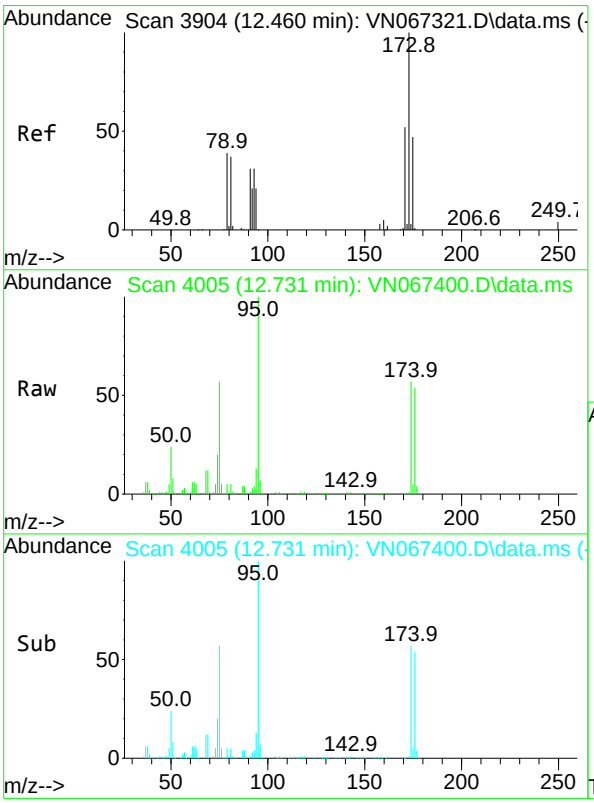


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:117 Resp: 588821

Ion	Ratio	Lower	Upper
117	100		
82	65.9	53.1	79.7
119	31.4	25.5	38.3

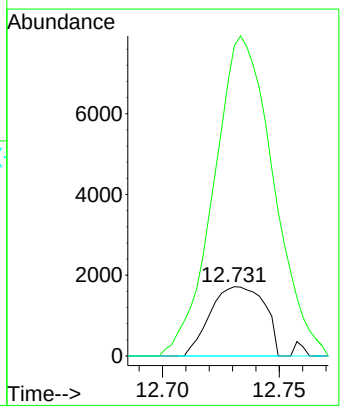




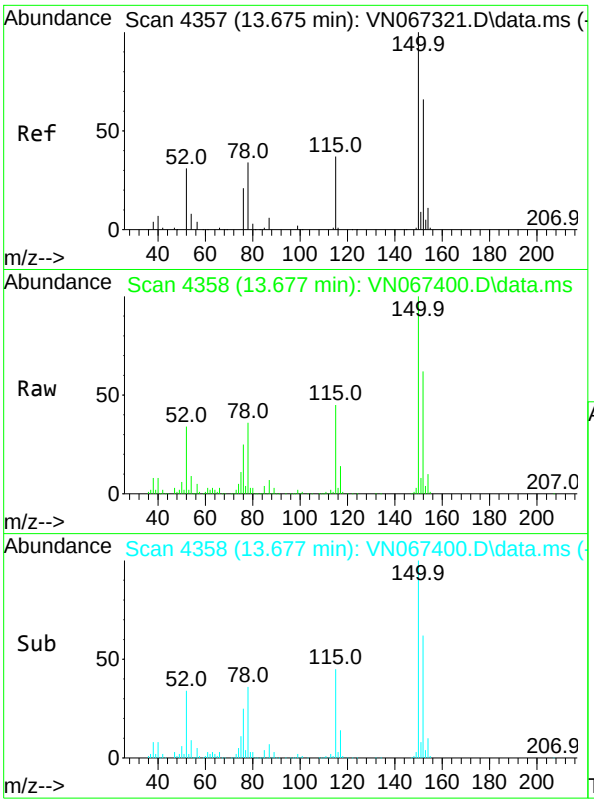
#71
Bromoform
Concen: 0.761 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:173 Resp: 2774

Ion	Ratio	Lower	Upper
173	100		
175	457.6	23.9	71.8#
254	0.0	0.0	0.0



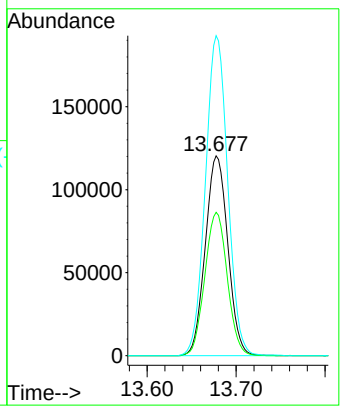
Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02

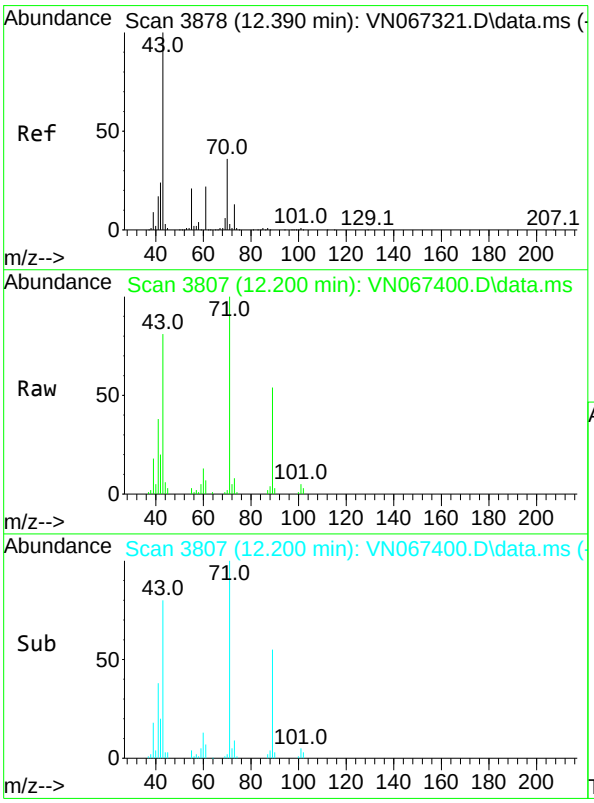


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:152 Resp: 211503

Ion	Ratio	Lower	Upper
152	100		
115	71.5	36.1	108.5
150	158.6	0.0	351.8

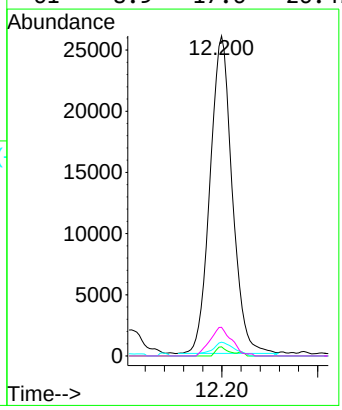




#74
N-amyl acetate
Concen: 4.193 ug/l
RT: 12.200 min Scan# 3807
Delta R.T. -0.190 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 43 Resp: 41540

Ion	Ratio	Lower	Upper
43	100		
70	1.6	29.4	44.2#
55	4.4	17.0	25.4#
61	8.9	17.6	26.4#



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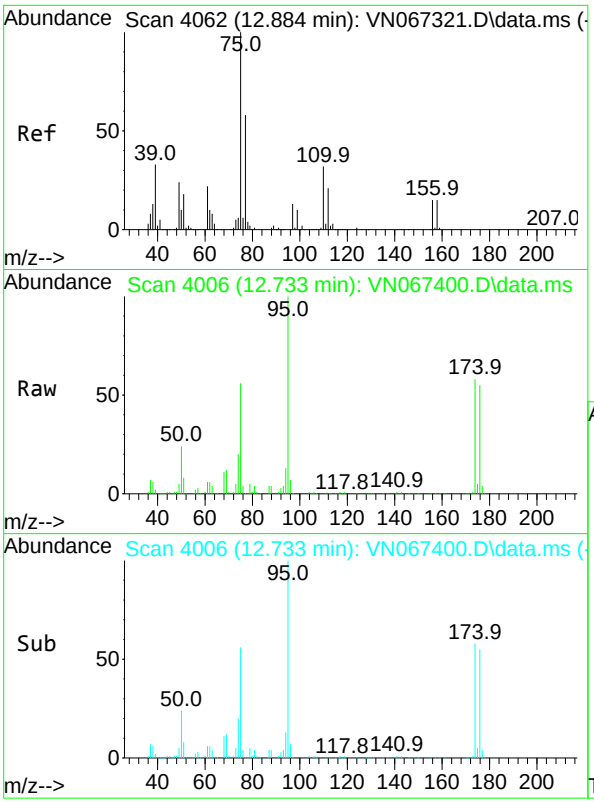
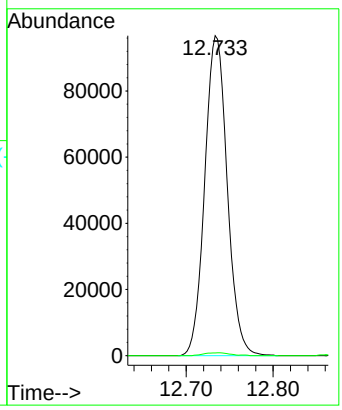
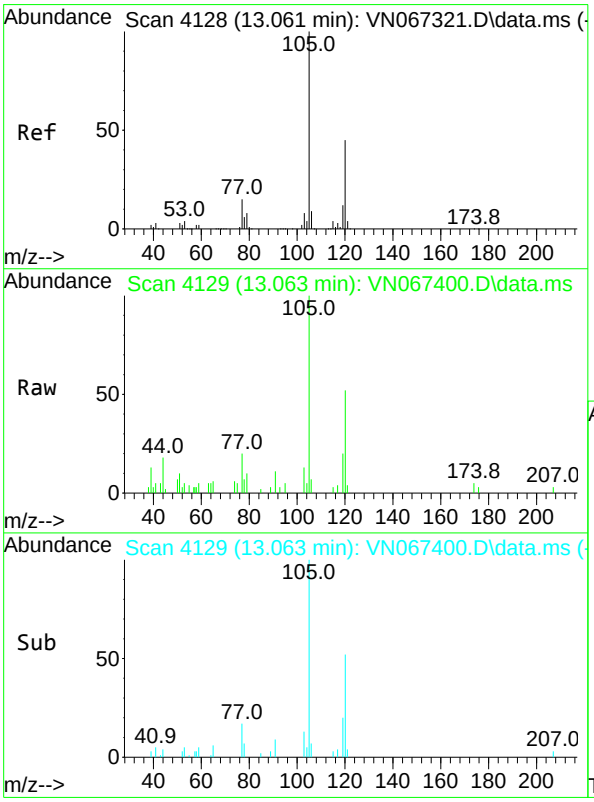


#76
1,2,3-Trichloropropane
Concen: 31.584 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 75 Resp: 173470

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

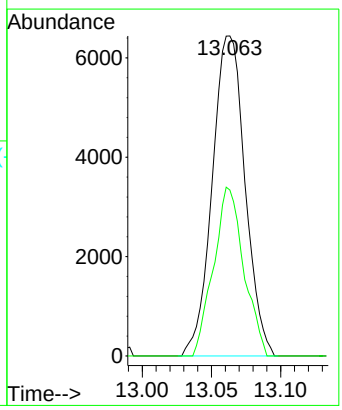




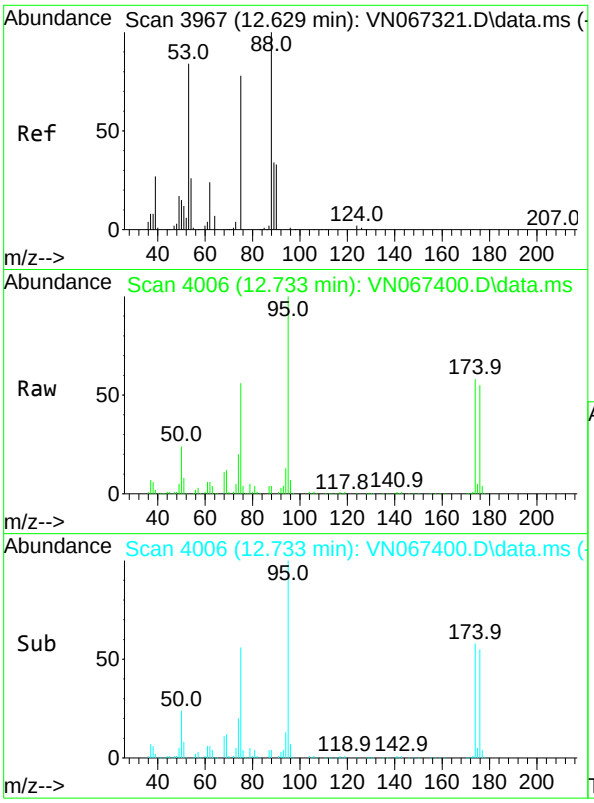
#80
1,3,5-Trimethylbenzene
Concen: 0.622 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:105 Resp: 10629

Ion	Ratio	Lower	Upper
105	100		
120	48.4	22.2	66.6



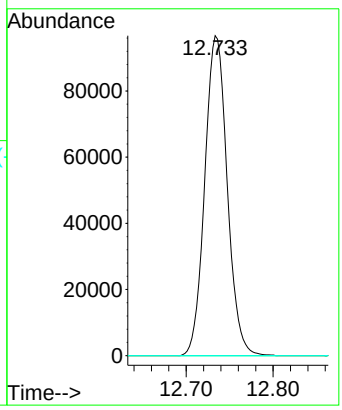
Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02

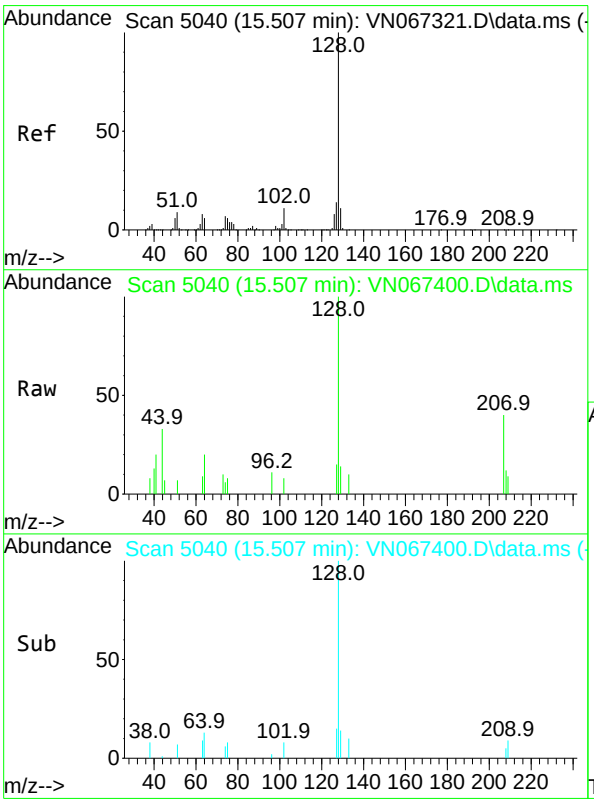


#81
trans-1,4-Dichloro-2-butene
Concen: 78.274 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion: 75 Resp: 173470

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

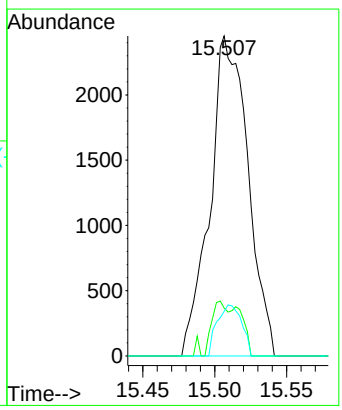


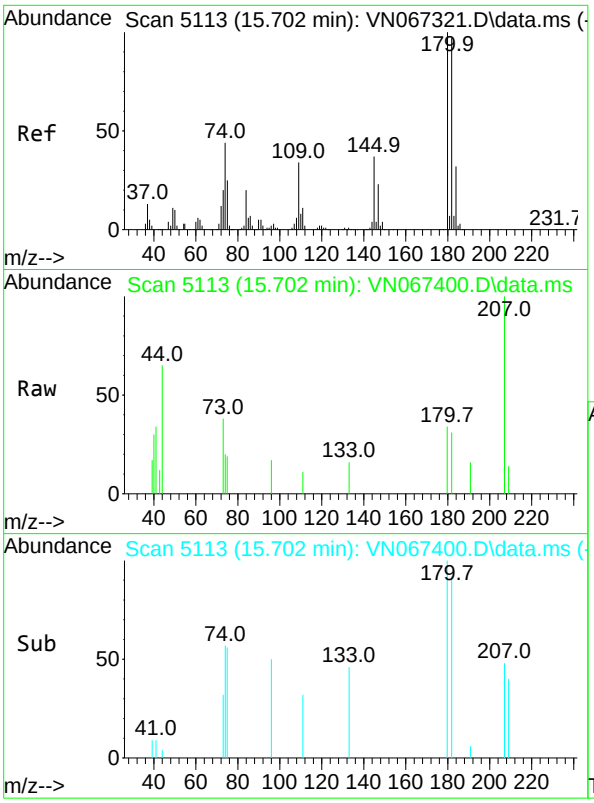


#95
Naphthalene
Concen: 2.939 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:128 Resp: 4490

Ion	Ratio	Lower	Upper
128	100		
127	7.1	10.6	15.8#
129	10.3	8.6	12.8

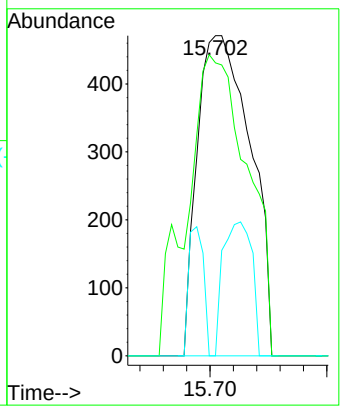




#96
1,2,3-Trichlorobenzene
Concen: 0.210 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN067400.D
Acq: 18 Jun 2021 15:13

Tgt Ion:180 Resp: 744

Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.8	143.3
145	11.3	18.2	54.6#



Instrument :
MSVOA_N
ClientSampleId :
PB137182ZHE#02