Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
Data File : VN067715.D
Acq On : 13 Jul 2021 14:00
Operator : JC/MD
Sample : M2992-01DL 100X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 33287DL

Quant Time: Jul 13 22:16:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	346051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	638539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	592624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	227996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	266534	50.964	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.920%			
35) Dibromofluoromethane	8.024	113	192806	49.977	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.960%			
50) Toluene-d8	10.443	98	813911	50.403	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.733	95	266448	46.709	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.420%			
Target Compounds						Qvalue
5) Bromomethane	2.823	94	78	Below Cal	#	4
6) Chloroethane	2.974	64	50	Below Cal		90
7) Trichlorofluoromethane	3.271	101	25	Below Cal	#	18
11) Tert butyl alcohol	5.393	59	365	0.486	ug/l #	71
13) Acrolein	4.049	56	233	Below Cal	#	41
16) Acetone	4.299	43	9878	6.003	ug/l	93
18) Methyl Acetate	4.851	43	1036	0.224	ug/l #	70
20) Methylene Chloride	5.079	84	1133	Below Cal	#	72
25) 2-Butanone	7.343	43	353539	129.377	ug/l	96
29) Tetrahydrofuran	7.699	42	636	0.354	ug/l #	80
31) Cyclohexane	8.083	56	9813	1.338	ug/l #	22
36) 1,1-Dichloropropene	8.086	75	30303	5.109	ug/l #	53
37) Ethyl Acetate	7.343	43	353539	61.516	ug/l #	69
38) Carbon Tetrachloride	8.088	117	39156	6.693	ug/l #	16
40) Benzene	8.458	78	8502	0.479	ug/l #	88
41) Methacrylonitrile	7.689	41	899	0.304	ug/l #	34
43) Isopropyl Acetate	8.686	43	2323	0.230	ug/l #	58
52) Toluene	10.507	92	43562	3.746	ug/l	97
53) t-1,3-Dichloropropene	10.505	75	415	1.798	ug/l #	1
59) 2-Hexanone	11.087	43	1695	0.391	ug/l #	48
67) Ethyl Benzene	11.846	91	9829	0.444	ug/l	90
68) m/p-Xylenes	11.956	106	11365	1.356	ug/l	91
69) o-Xylene	12.283	106	4186	0.508	ug/l	94
70) Styrene	12.299	104	5957	0.452	ug/l	89
76) 1,2,3-Trichloropropane	12.733	75	153185	32.900	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	153185	106.073	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.399	105	38125	2.610	ug/l #	34
85) sec-Butylbenzene	13.399	105	38125	2.167	ug/l #	59
93) 1,2,4-Trichlorobenzene	15.260	180	877	2.893	ug/l #	14
95) Naphthalene	15.512	128	16523	4.403	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.700	180	981	2.888	ug/l #	81

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

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071321\
Data File : VN067715.D
Acq On : 13 Jul 2021 14:00
Operator : JC/MD
Sample : M2992-01DL 100X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Jul 13 22:16:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
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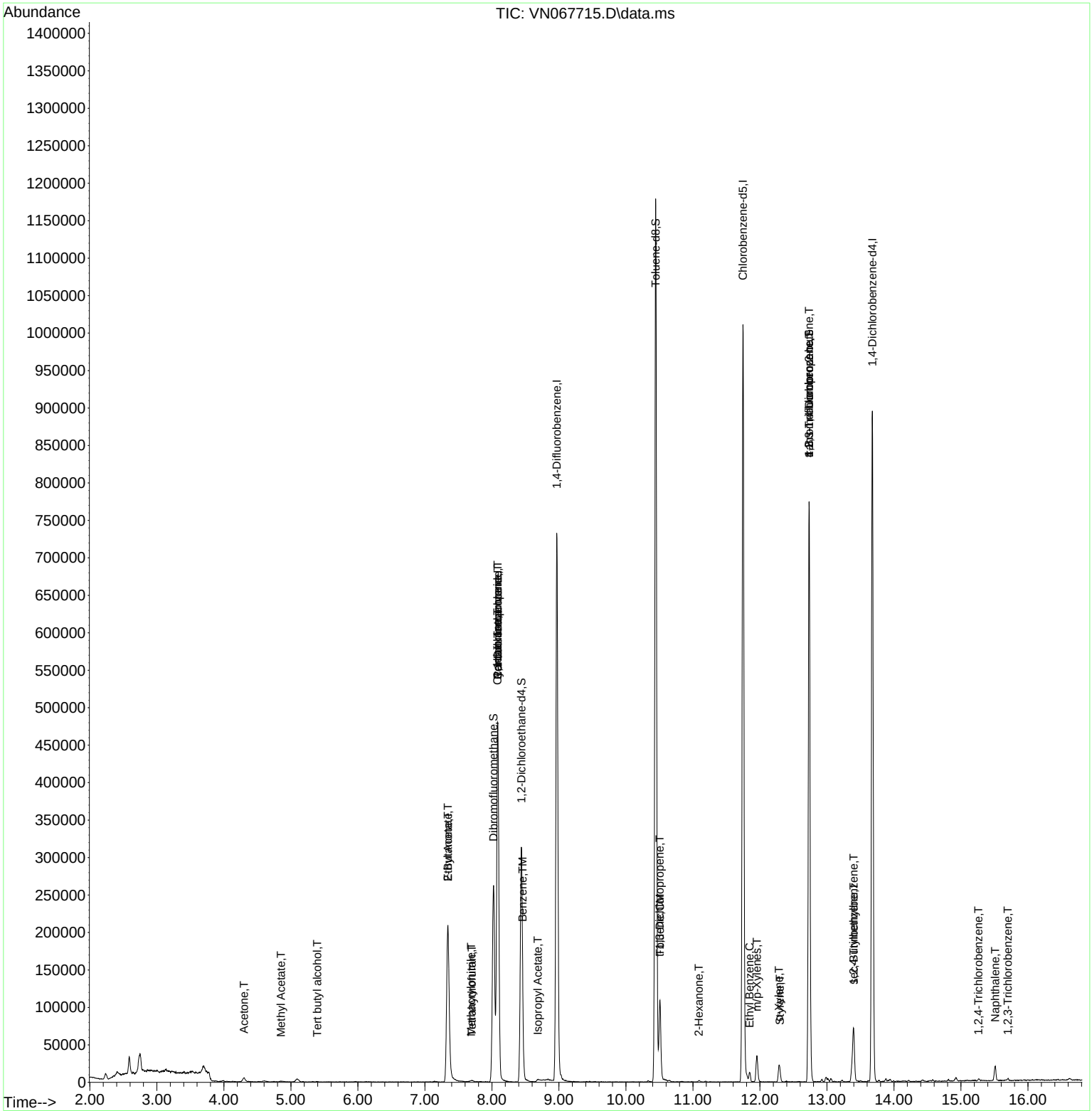
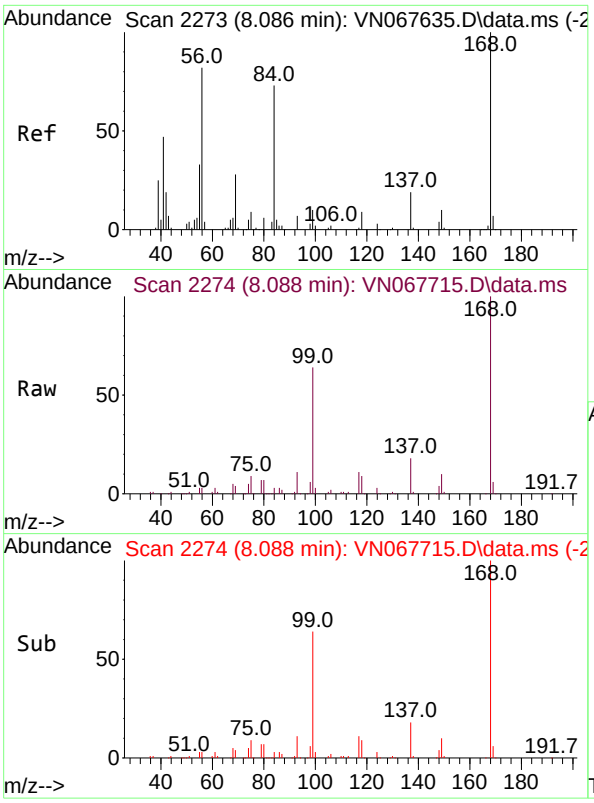


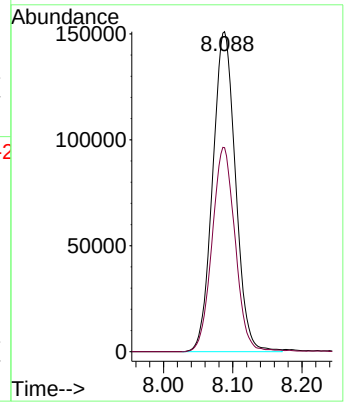
Instrument :
MSVOA_N
ClientSampleId :
33287DL

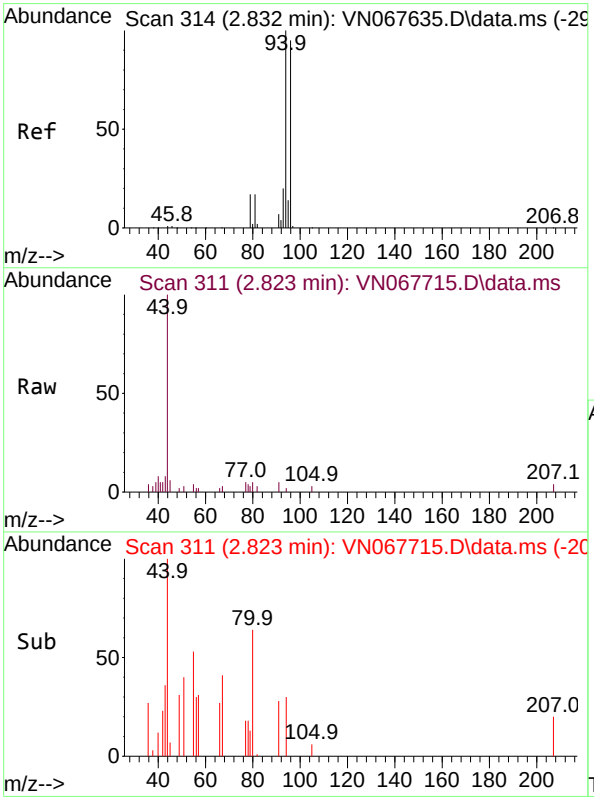


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:168 Resp: 346051

Ion	Ratio	Lower	Upper
168	100		
99	63.8	62.9	94.3

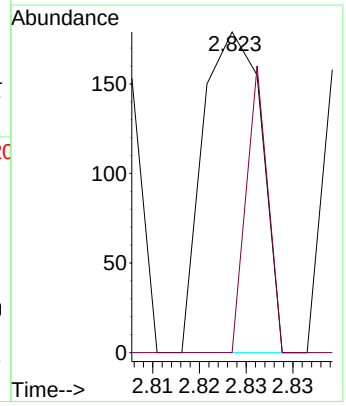


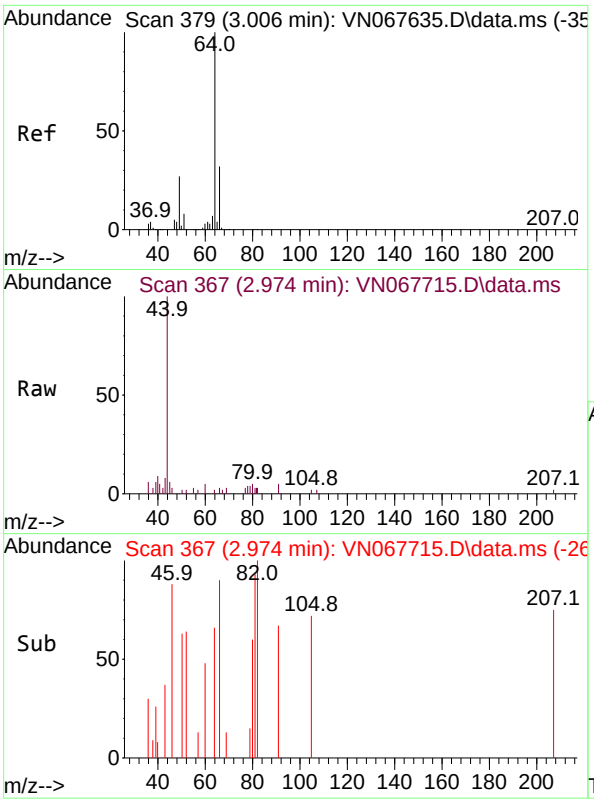


#5
Bromomethane
Concen: Below Cal
RT: 2.823 min Scan# 311
Delta R.T. -0.009 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 94 Resp: 78

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5#

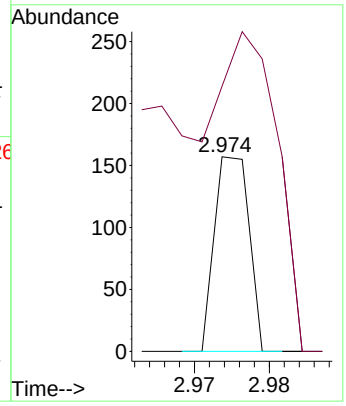




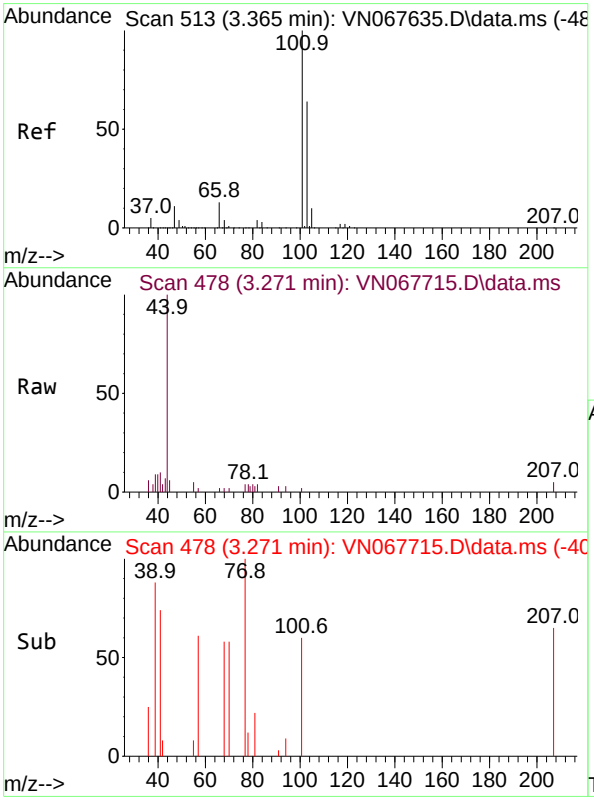
#6
Chloroethane
Concen: Below Cal
RT: 2.974 min Scan# 367
Delta R.T. -0.032 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 64 Resp: 50

Ion	Ratio	Lower	Upper
64	100		
66	36.3	24.7	37.1



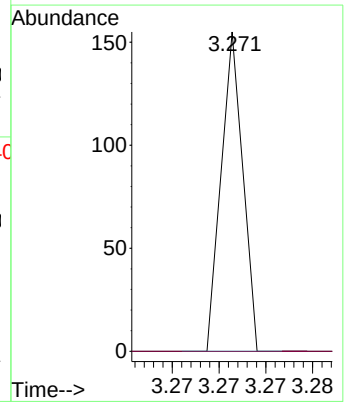
Instrument :
MSVOA_N
ClientSampleId :
33287DL

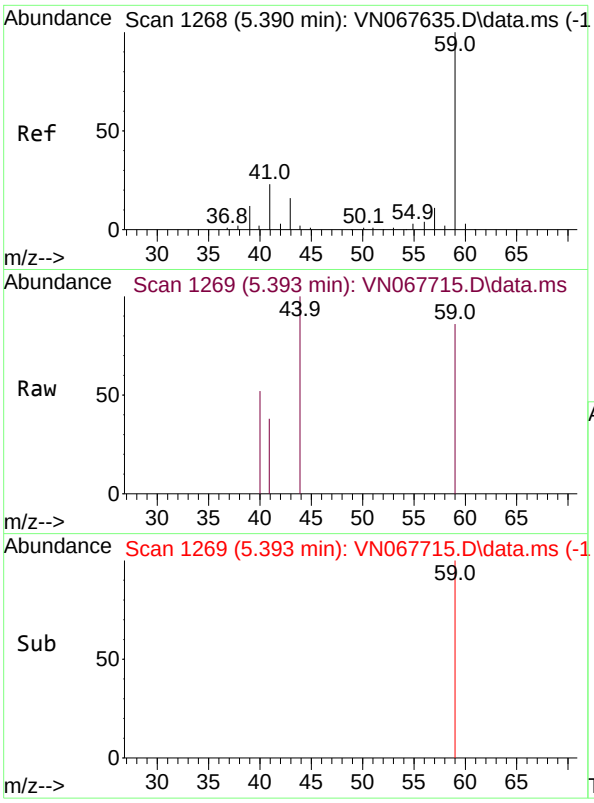


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.271 min Scan# 478
Delta R.T. -0.094 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:101 Resp: 25

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.2	76.8#

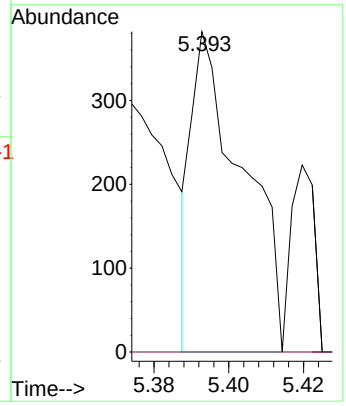




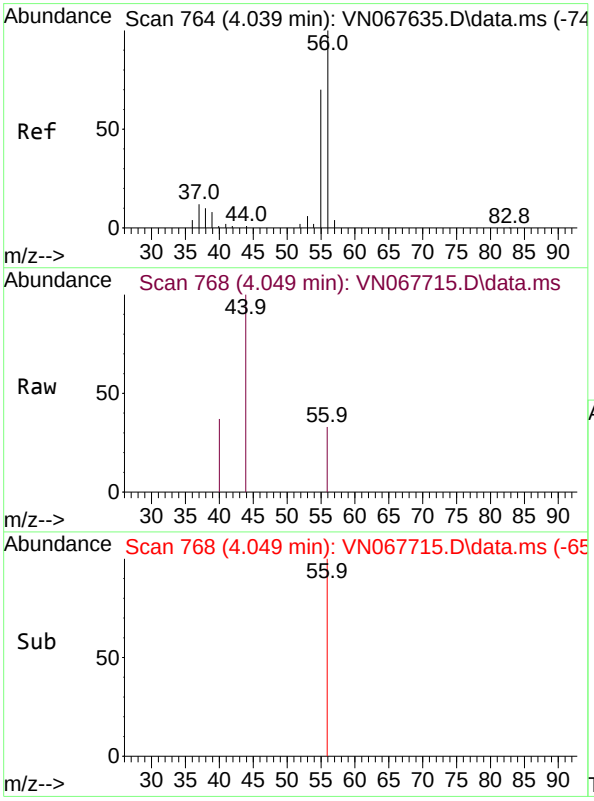
#11
Tert butyl alcohol
Concen: 0.486 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 59 Resp: 365

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



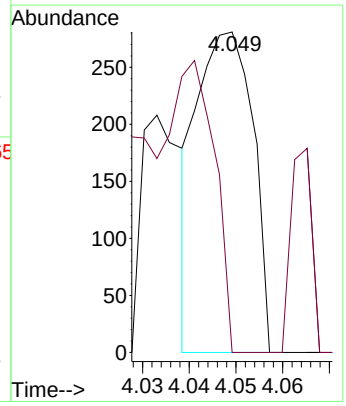
Instrument :
MSVOA_N
ClientSampleId :
33287DL



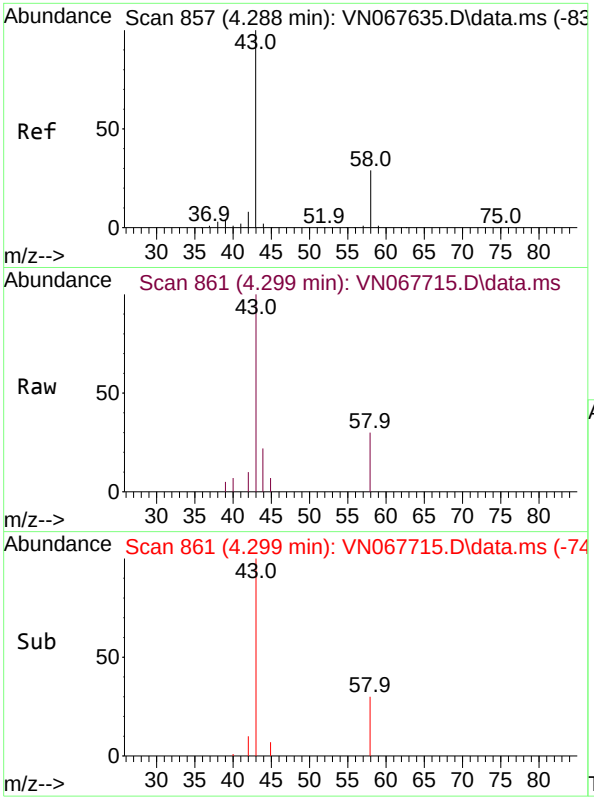
#13
Acrolein
Concen: Below Cal
RT: 4.049 min Scan# 768
Delta R.T. 0.010 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 56 Resp: 233

Ion	Ratio	Lower	Upper
56	100		
55	121.0	57.4	86.0#



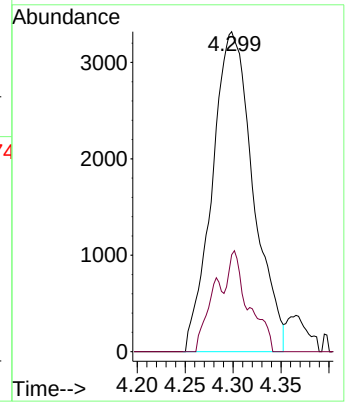
Instrument :
MSVOA_N
ClientSampleId :
33287DL

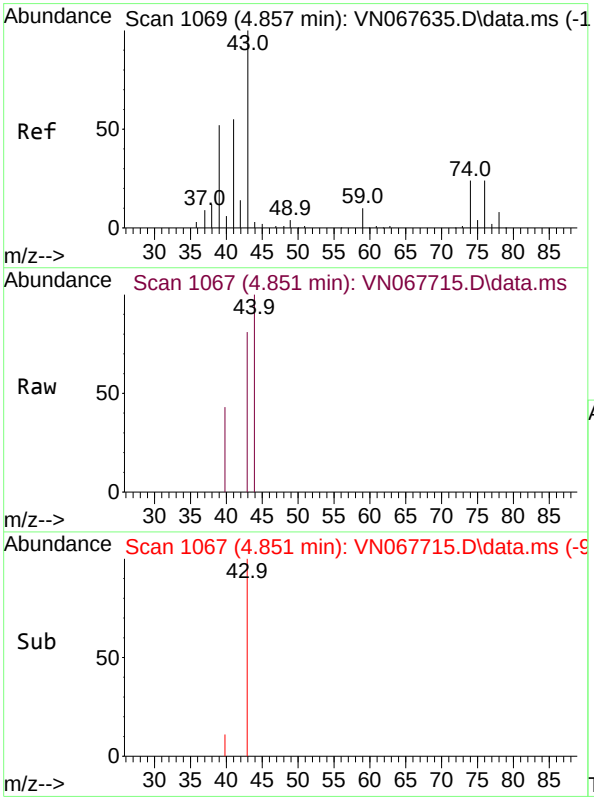


#16
Acetone
Concen: 6.003 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 43 Resp: 9878

Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.2	31.8

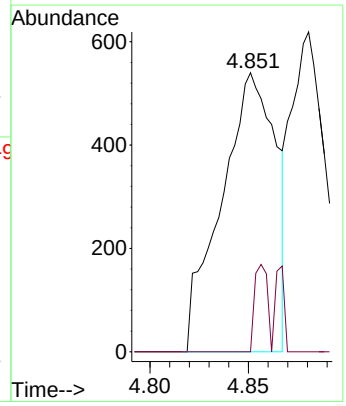


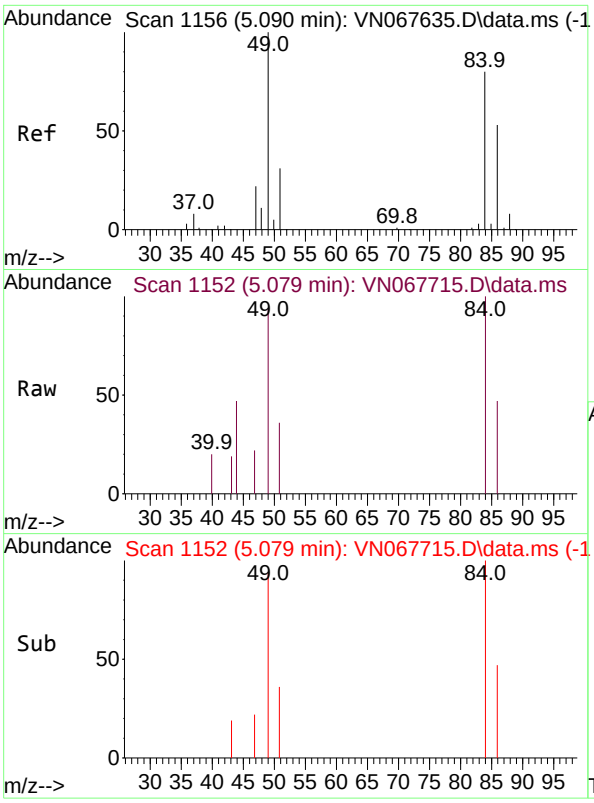


#18
Methyl Acetate
Concen: 0.224 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 43 Resp: 1036

Ion	Ratio	Lower	Upper
43	100		
74	7.3	17.4	26.0#

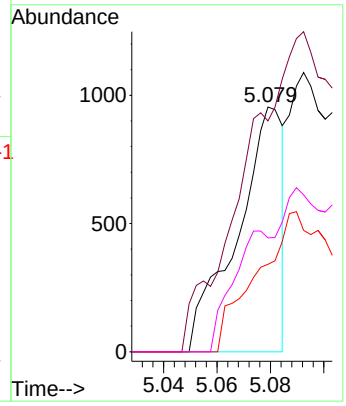




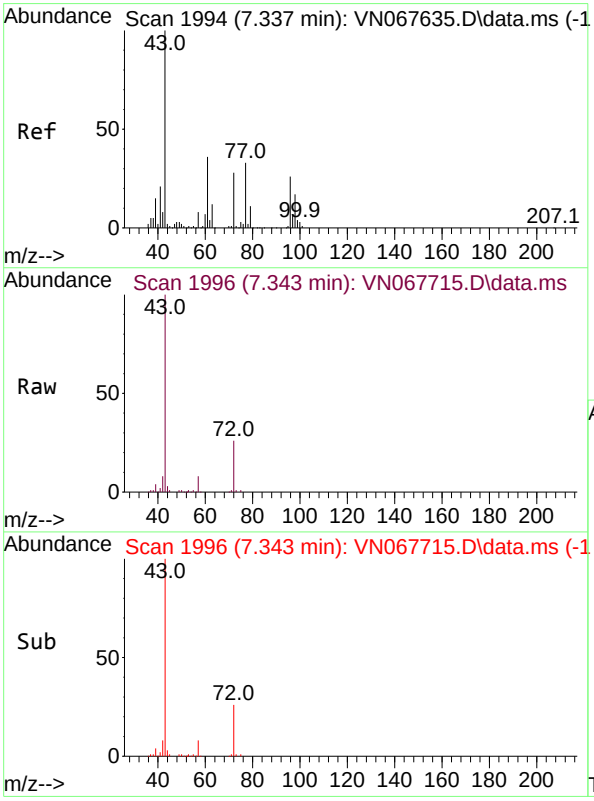
#20
Methylene Chloride
Concen: Below Cal
RT: 5.079 min Scan# 1152
Delta R.T. -0.011 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 84 Resp: 1133

Ion	Ratio	Lower	Upper
84	100		
49	94.3	110.9	166.3#
51	35.7	32.6	49.0
86	46.5	51.6	77.4#



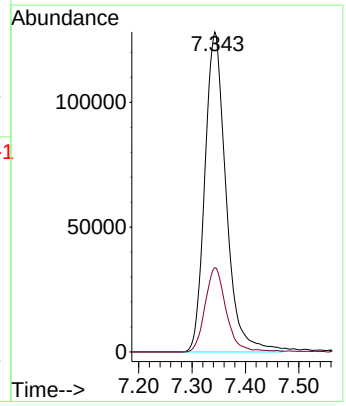
Instrument :
MSVOA_N
ClientSampleId :
33287DL



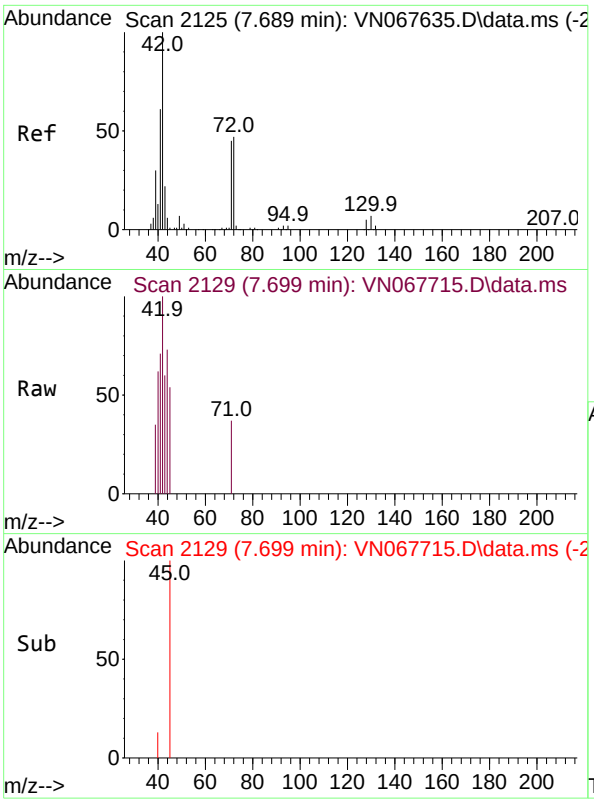
#25
2-Butanone
Concen: 129.377 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 43 Resp: 353539

Ion	Ratio	Lower	Upper
43	100		
72	26.4	19.7	29.5



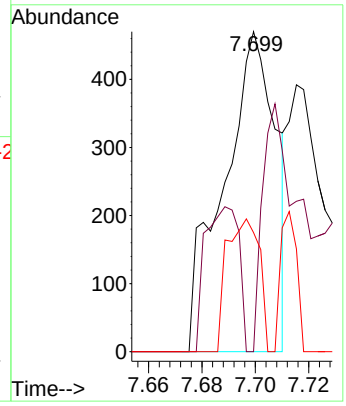
Instrument :
MSVOA_N
ClientSampleId :
33287DL

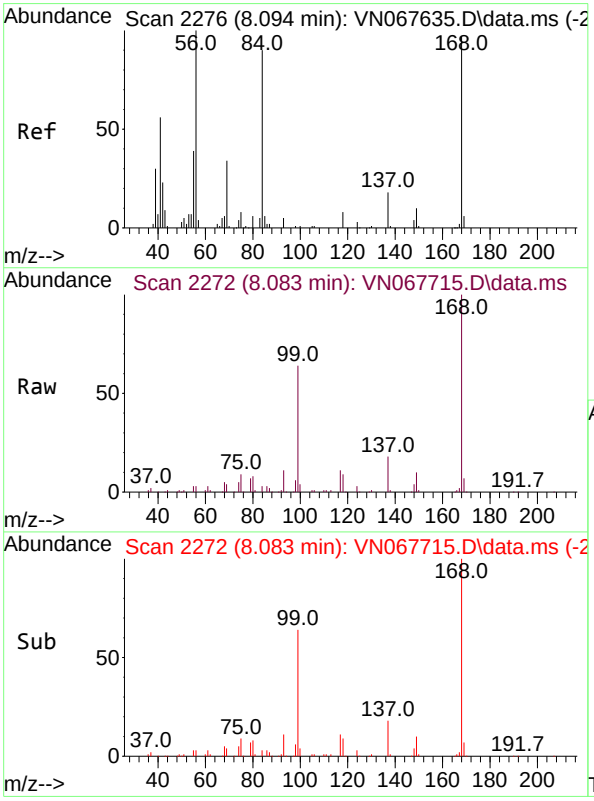


#29
Tetrahydrofuran
Concen: 0.354 ug/l
RT: 7.699 min Scan# 2129
Delta R.T. 0.010 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 42 Resp: 636

Ion	Ratio	Lower	Upper
42	100		
72	29.1	32.8	49.2#
71	25.9	31.2	46.8#

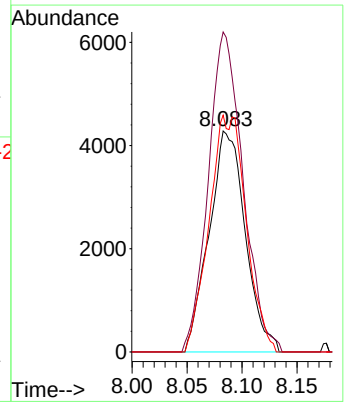




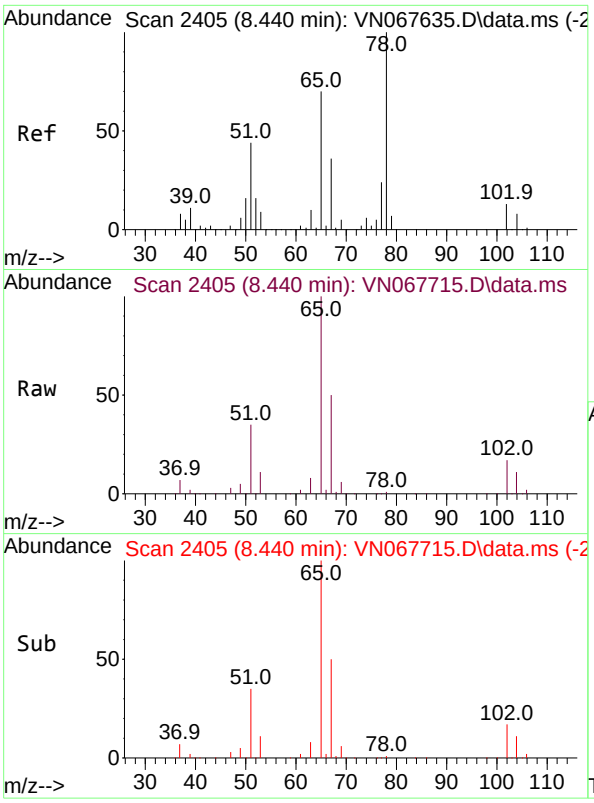
#31
Cyclohexane
Concen: 1.338 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 56 Resp: 9813

Ion	Ratio	Lower	Upper
56	100		
69	144.8	27.3	40.9#
84	107.1	64.9	97.3#



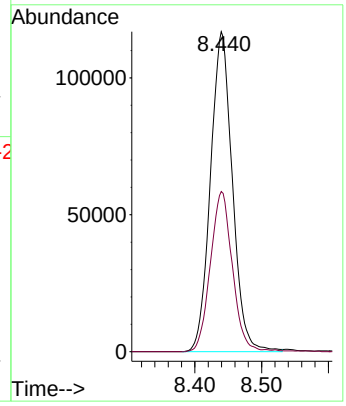
Instrument :
MSVOA_N
ClientSampleId :
33287DL

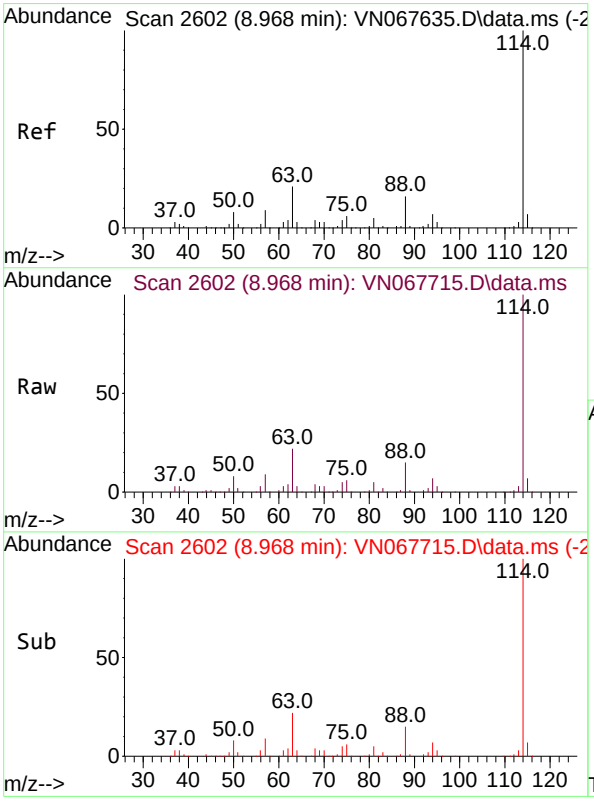


#33
1,2-Dichloroethane-d4
Concen: 50.964 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 65 Resp: 266534

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	98.6

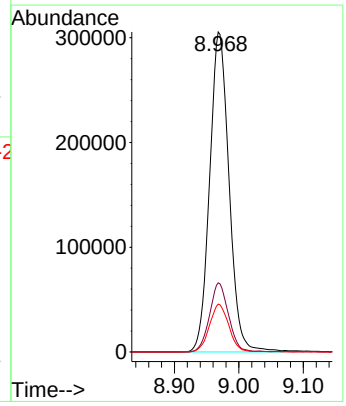




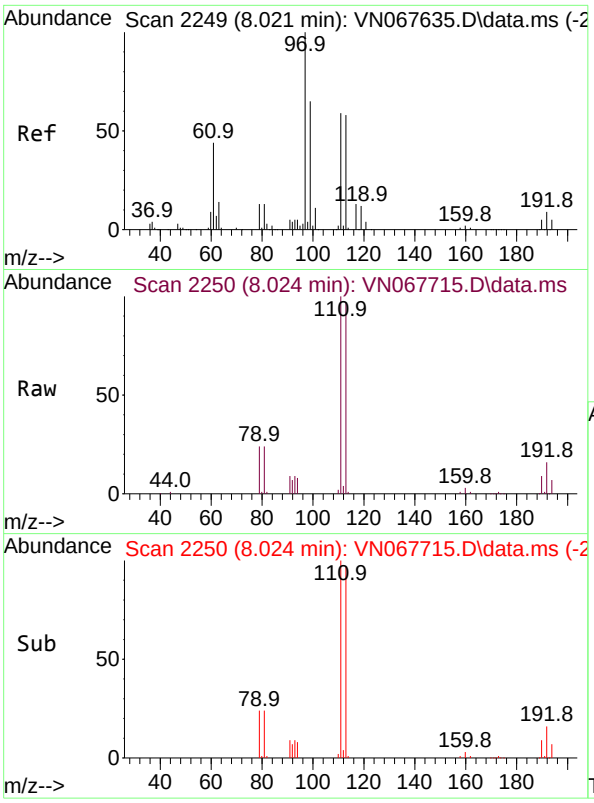
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:114 Resp: 638539

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	49.0
88	15.0	0.0	36.6



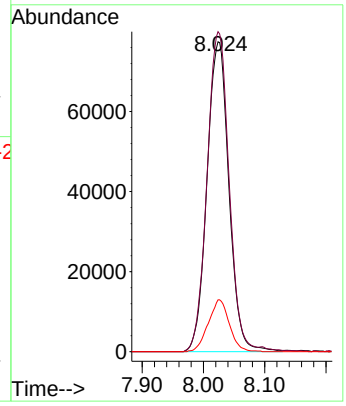
Instrument :
MSVOA_N
ClientSampleId :
33287DL

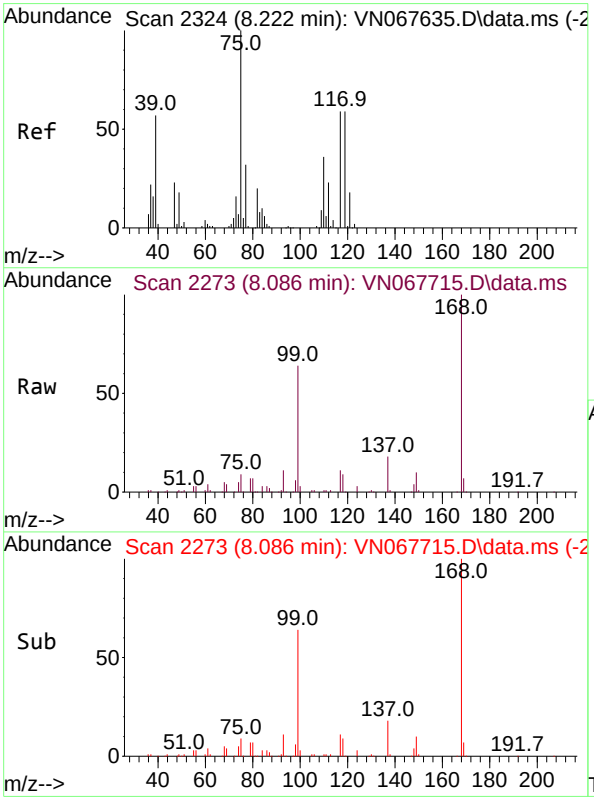


#35
Dibromofluoromethane
Concen: 49.977 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:113 Resp: 192806

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.8	125.8
192	16.1	13.4	20.0

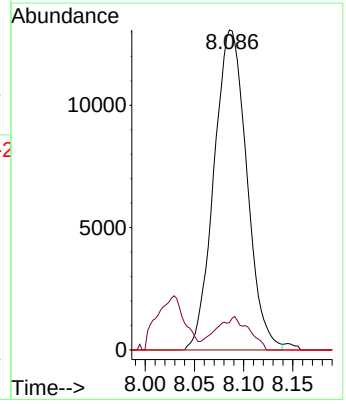


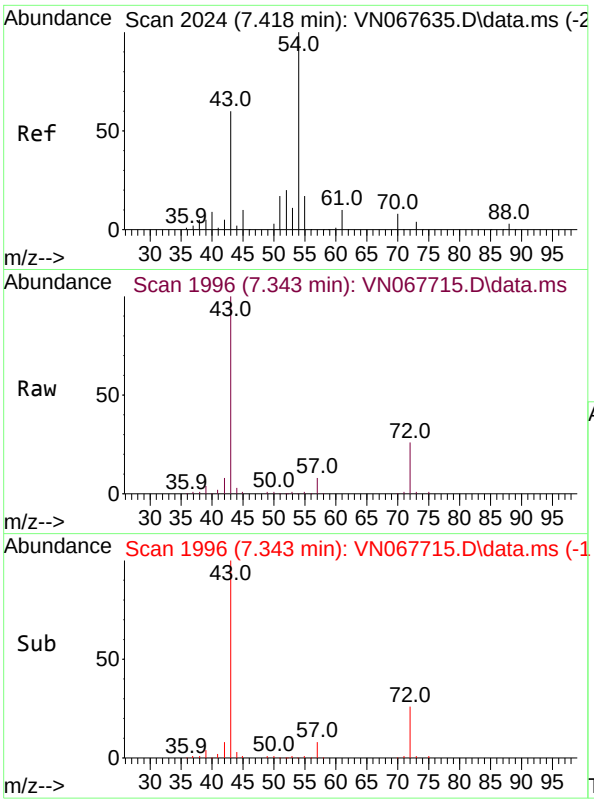


#36
1,1-Dichloropropene
Concen: 5.109 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 75 Resp: 30303

Ion	Ratio	Lower	Upper
75	100		
110	10.6	15.7	47.0#
77	0.0	24.6	37.0#

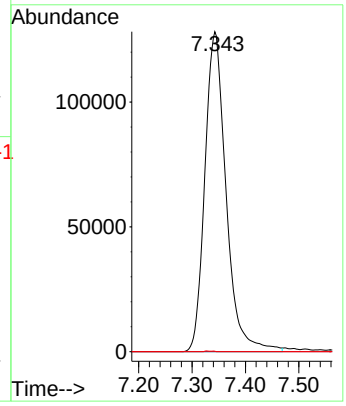




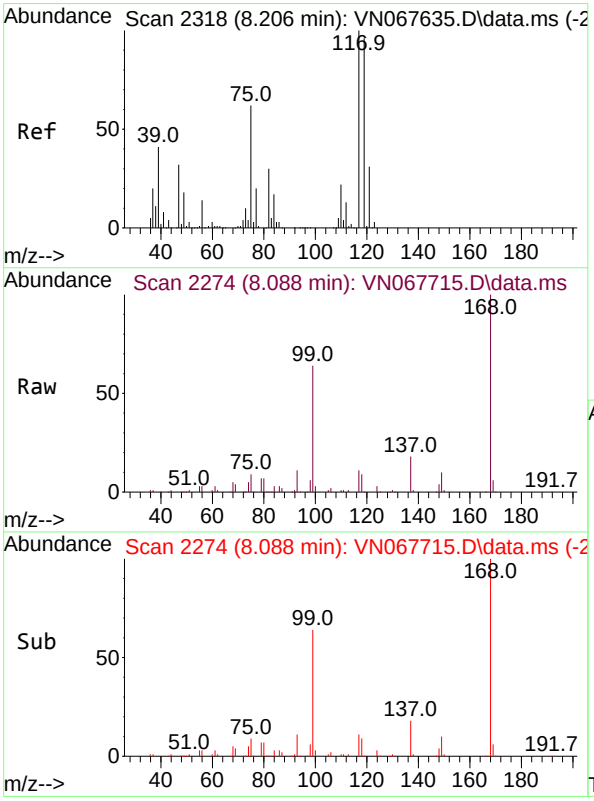
#37
Ethyl Acetate
Concen: 61.516 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. -0.075 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 43 Resp: 353539

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.1	8.1	12.1#



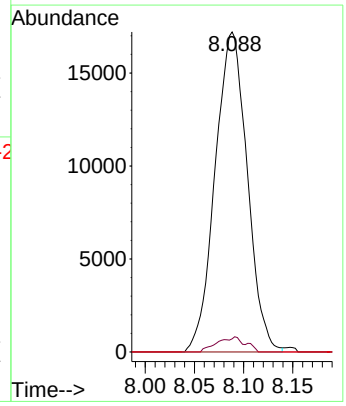
Instrument :
MSVOA_N
ClientSampleId :
33287DL

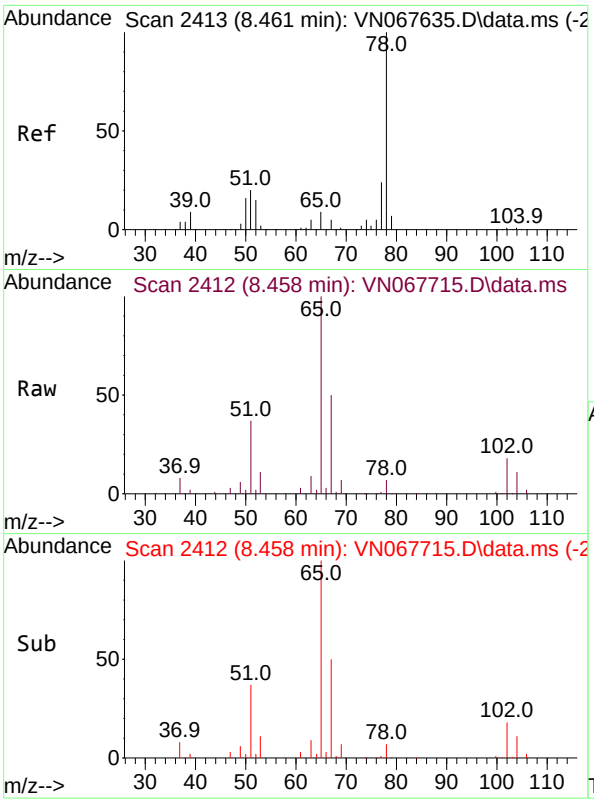


#38
Carbon Tetrachloride
Concen: 6.693 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:117 Resp: 39156

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.4	113.2#
121	0.0	23.5	35.3#

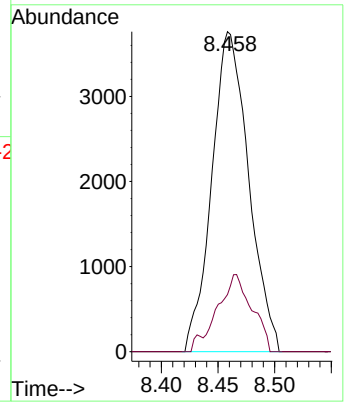




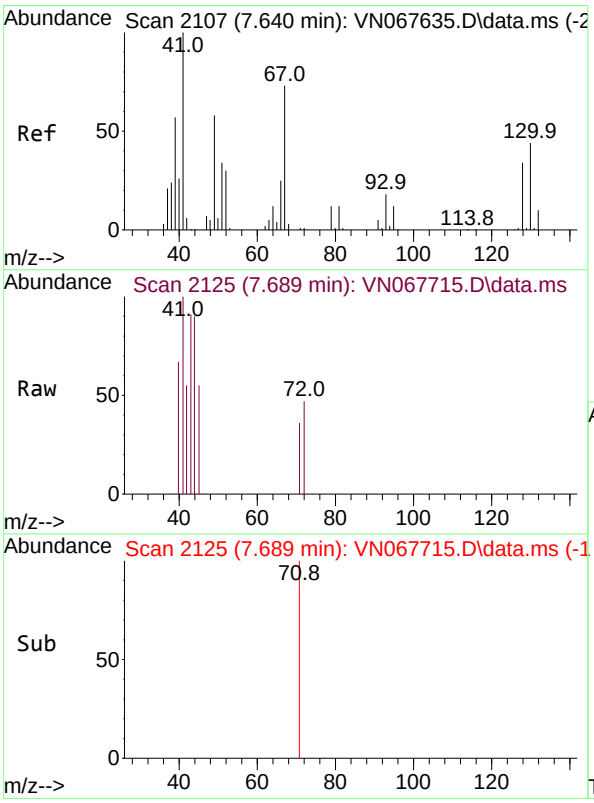
#40
Benzene
Concen: 0.479 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 78 Resp: 8502

Ion	Ratio	Lower	Upper
78	100		
77	17.8	18.9	28.3#



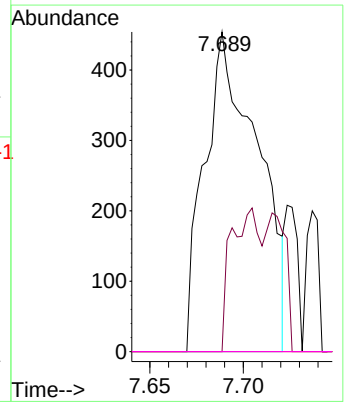
Instrument :
MSVOA_N
ClientSampleId :
33287DL



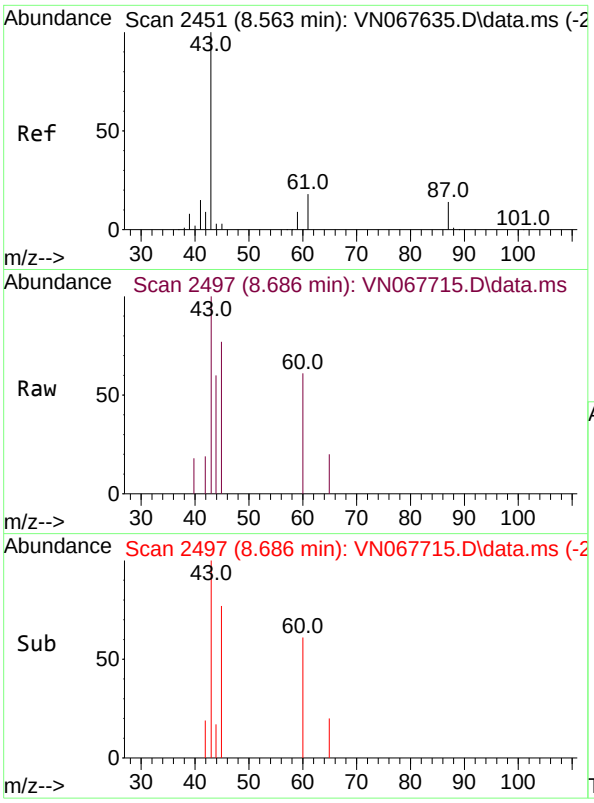
#41
Methacrylonitrile
Concen: 0.304 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. 0.049 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 41 Resp: 899

Ion	Ratio	Lower	Upper
41	100		
39	24.7	47.6	71.4#
67	0.0	57.7	86.5#
52	0.0	26.2	39.4#



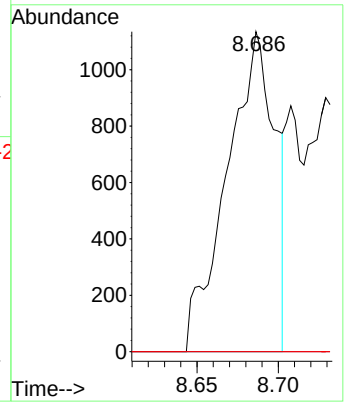
Instrument :
MSVOA_N
ClientSampleId :
33287DL

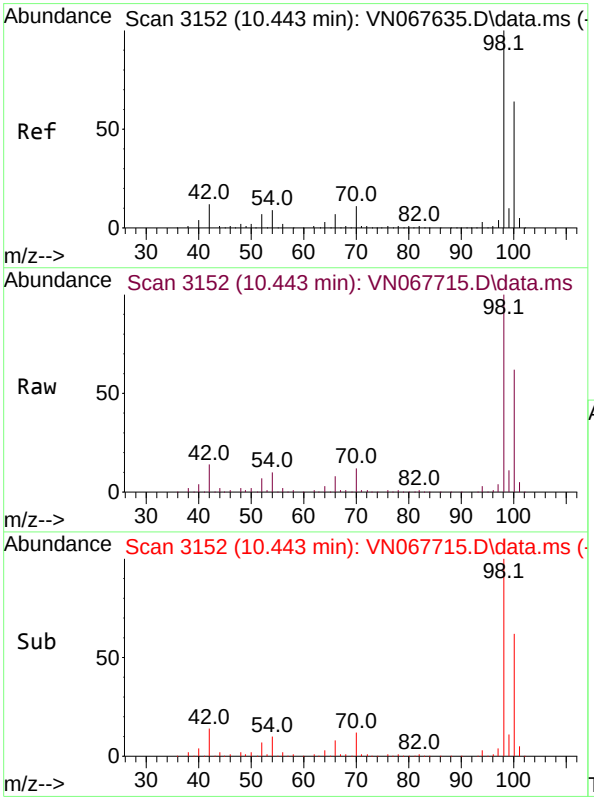


#43
Isopropyl Acetate
Concen: 0.230 ug/l
RT: 8.686 min Scan# 2497
Delta R.T. 0.123 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 43 Resp: 2323

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

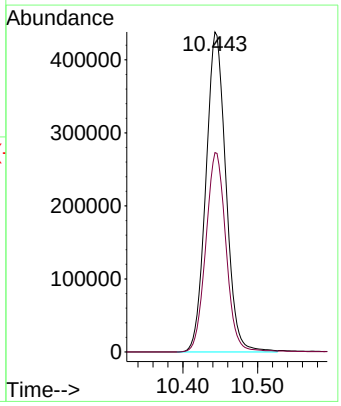




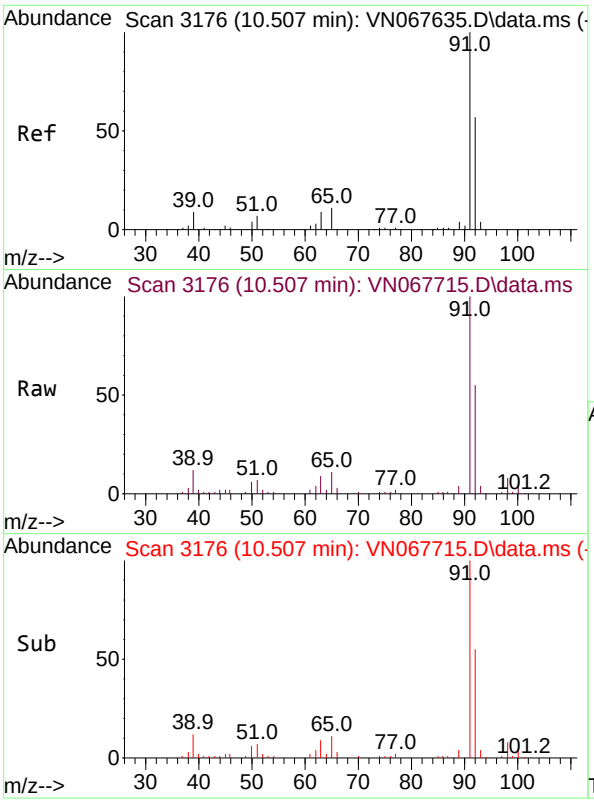
#50
Toluene-d8
Concen: 50.403 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 98 Resp: 813911

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.7	77.5



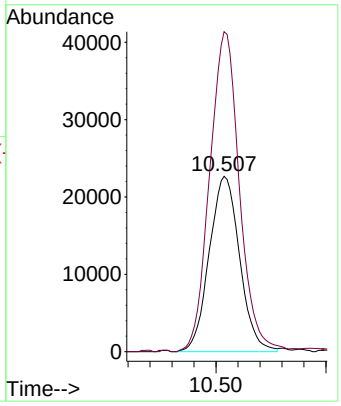
Instrument :
MSVOA_N
ClientSampleId :
33287DL

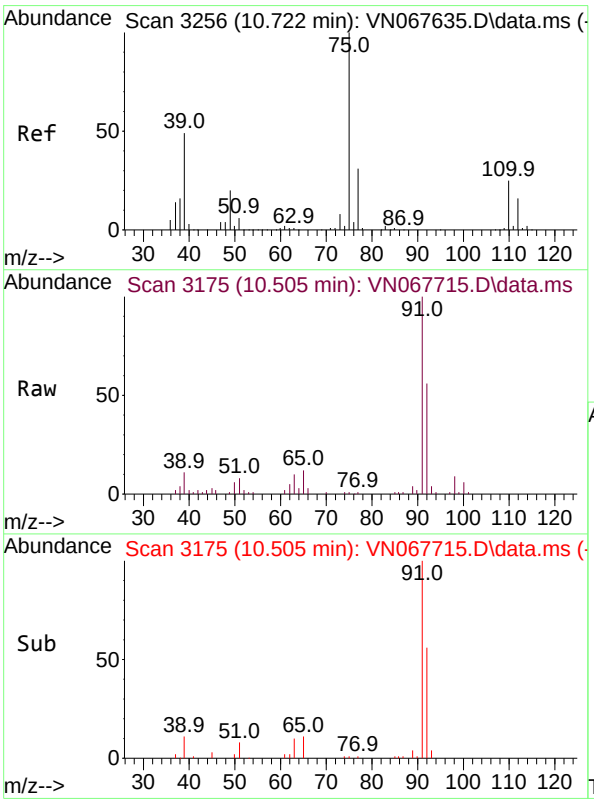


#52
Toluene
Concen: 3.746 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 92 Resp: 43562

Ion	Ratio	Lower	Upper
92	100		
91	178.7	139.6	209.4

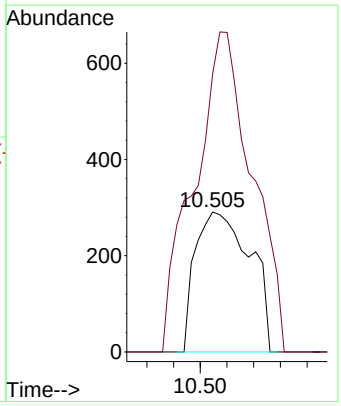




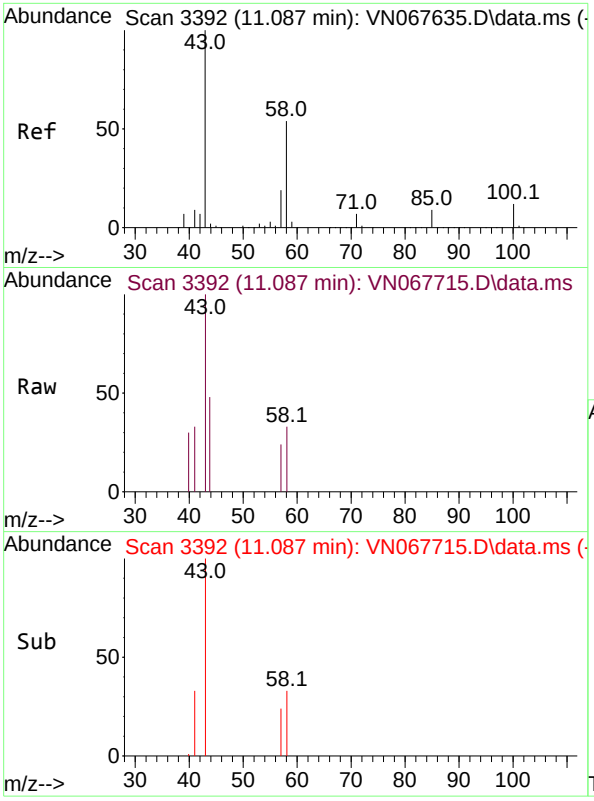
#53
t-1,3-Dichloropropene
Concen: 1.798 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.217 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 75 Resp: 415

Ion	Ratio	Lower	Upper
75	100		
77	143.3	25.1	37.7#



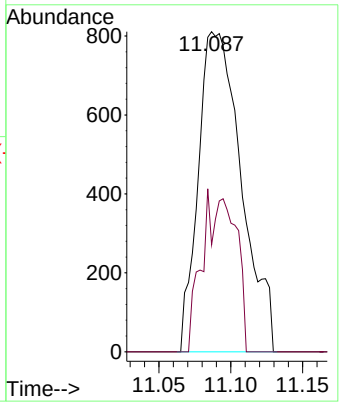
Instrument :
MSVOA_N
ClientSampleId :
33287DL

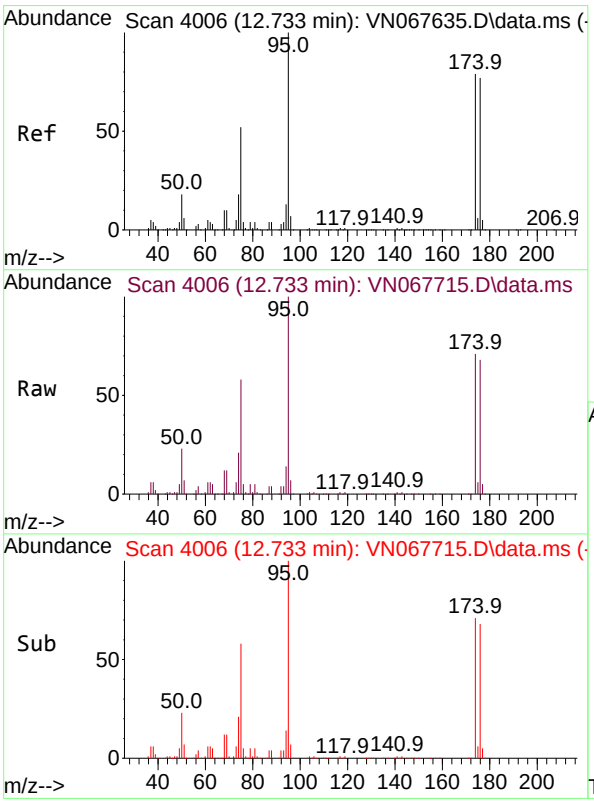


#59
2-Hexanone
Concen: 0.391 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 43 Resp: 1695

Ion	Ratio	Lower	Upper
43	100		
58	13.7	24.7	74.1#

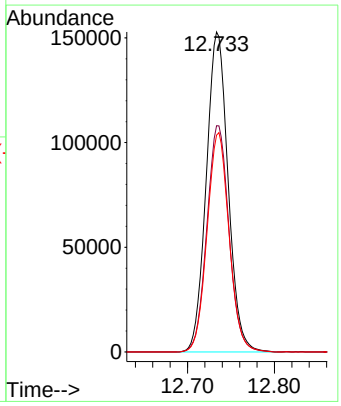




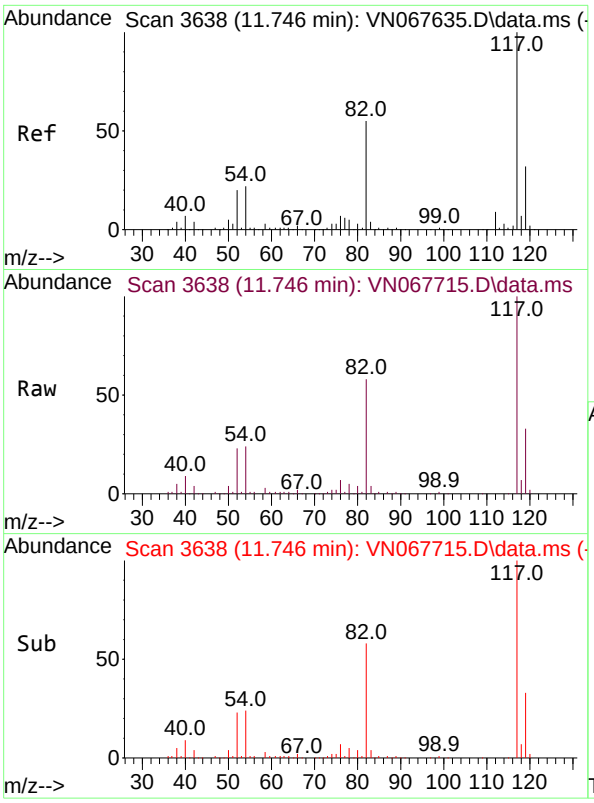
#62
4-Bromofluorobenzene
Concen: 46.709 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 95 Resp: 266448

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	122.0
176	69.1	0.0	117.6



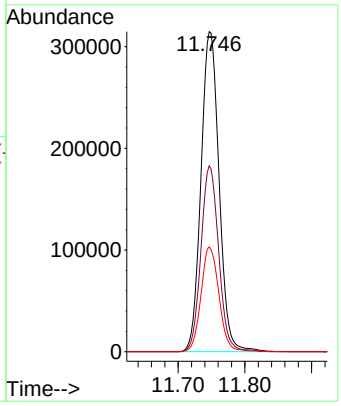
Instrument :
MSVOA_N
ClientSampleId :
33287DL

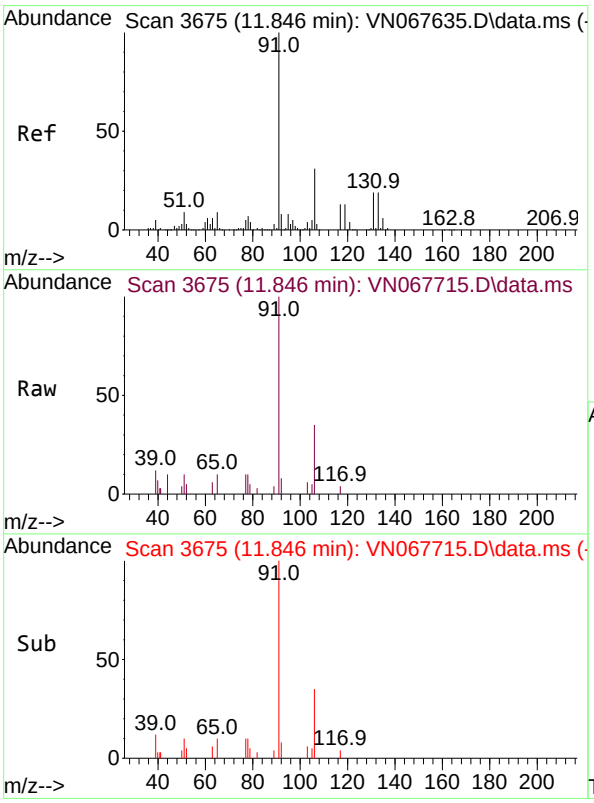


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:117 Resp: 592624

Ion	Ratio	Lower	Upper
117	100		
82	58.1	53.1	79.7
119	32.7	25.5	38.3

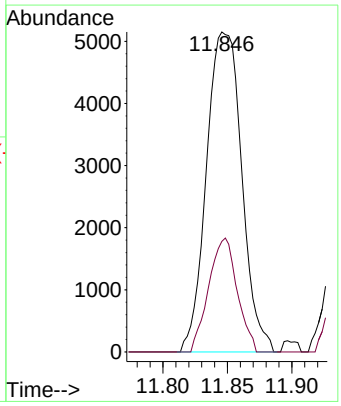




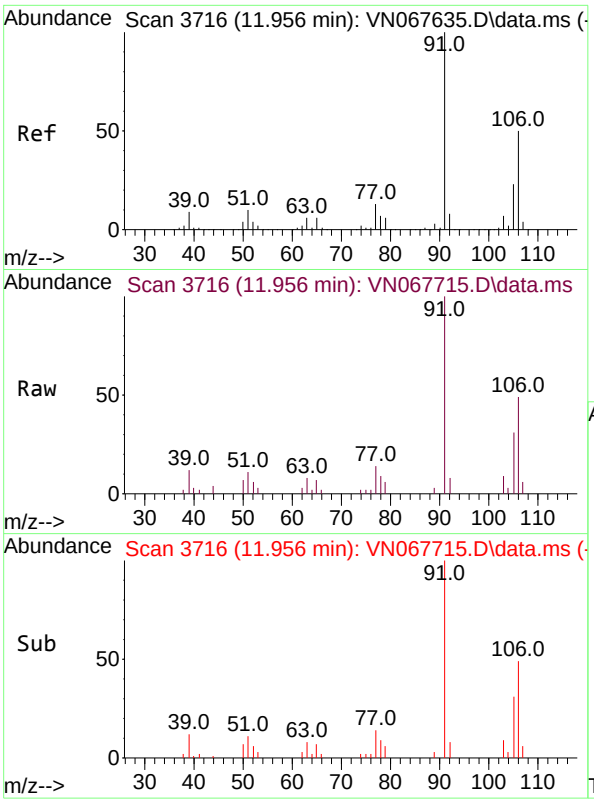
#67
Ethyl Benzene
Concen: 0.444 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 91 Resp: 9829

Ion	Ratio	Lower	Upper
91	100		
106	34.5	23.4	35.0



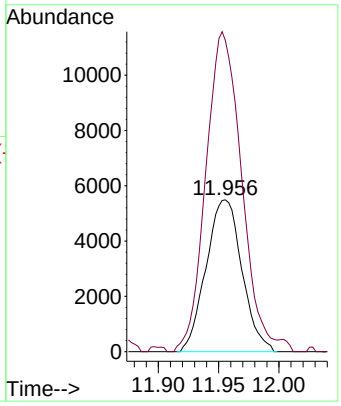
Instrument :
MSVOA_N
ClientSampleId :
33287DL

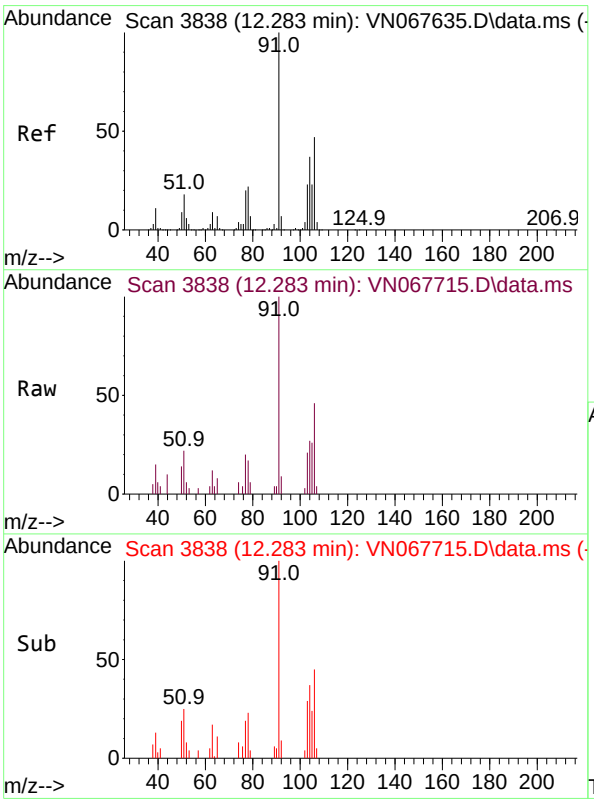


#68
m/p-Xylenes
Concen: 1.356 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:106 Resp: 11365

Ion	Ratio	Lower	Upper
106	100		
91	210.8	180.6	270.8

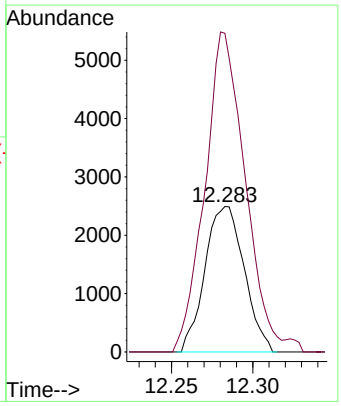




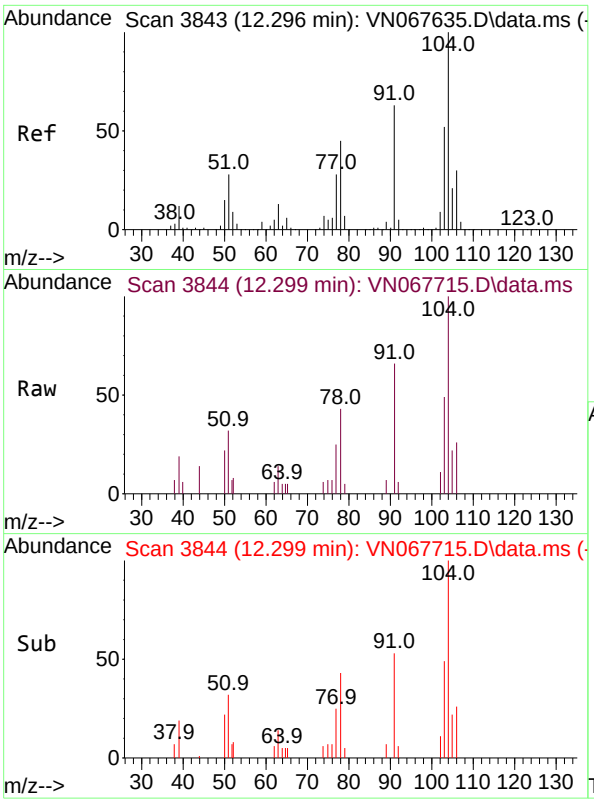
#69
o-Xylene
Concen: 0.508 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:106 Resp: 4186

Ion	Ratio	Lower	Upper
106	100		
91	227.0	118.3	354.9



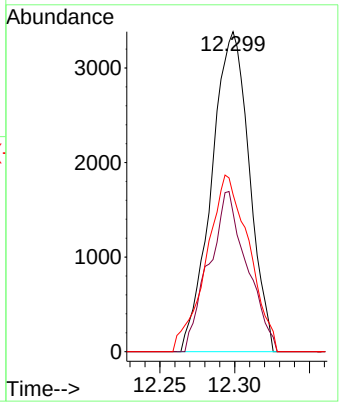
Instrument :
MSVOA_N
ClientSampleId :
33287DL

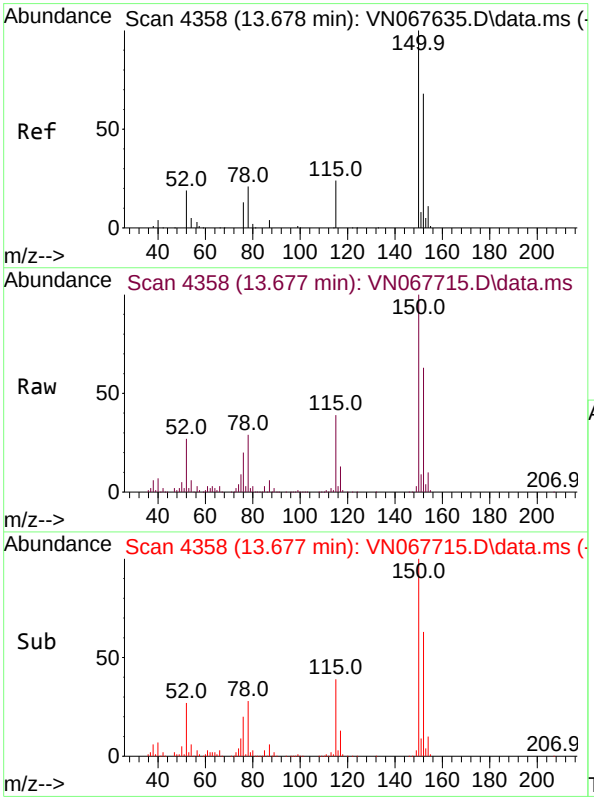


#70
Styrene
Concen: 0.452 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:104 Resp: 5957

Ion	Ratio	Lower	Upper
104	100		
78	50.3	48.2	72.2
103	62.2	44.5	66.7

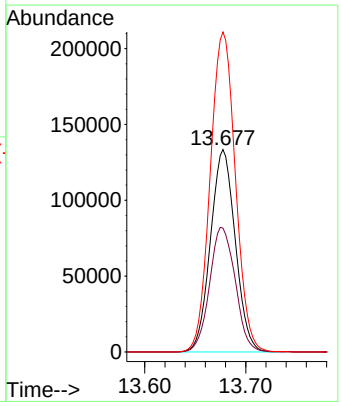




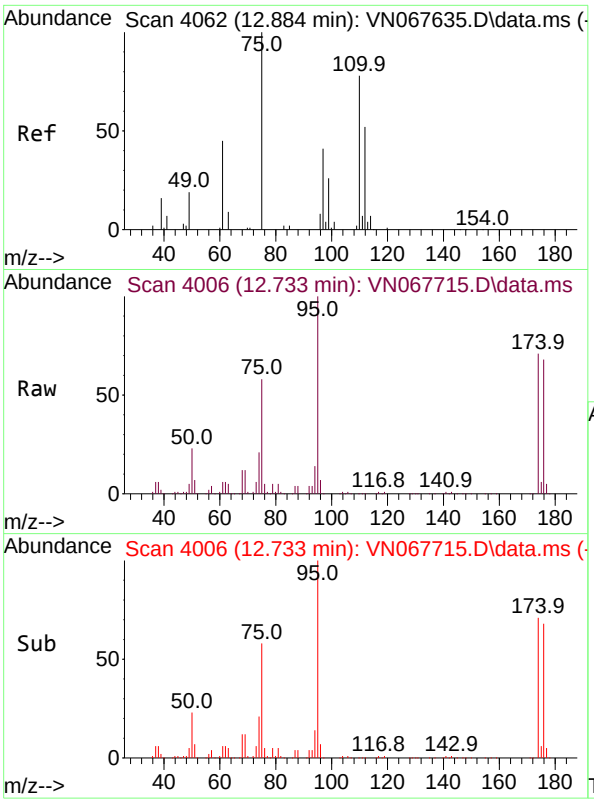
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:152 Resp: 227996

Ion	Ratio	Lower	Upper
152	100		
115	63.4	36.1	108.5
150	160.0	0.0	351.8



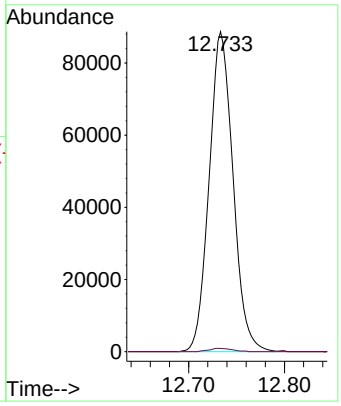
Instrument :
MSVOA_N
ClientSampleId :
33287DL

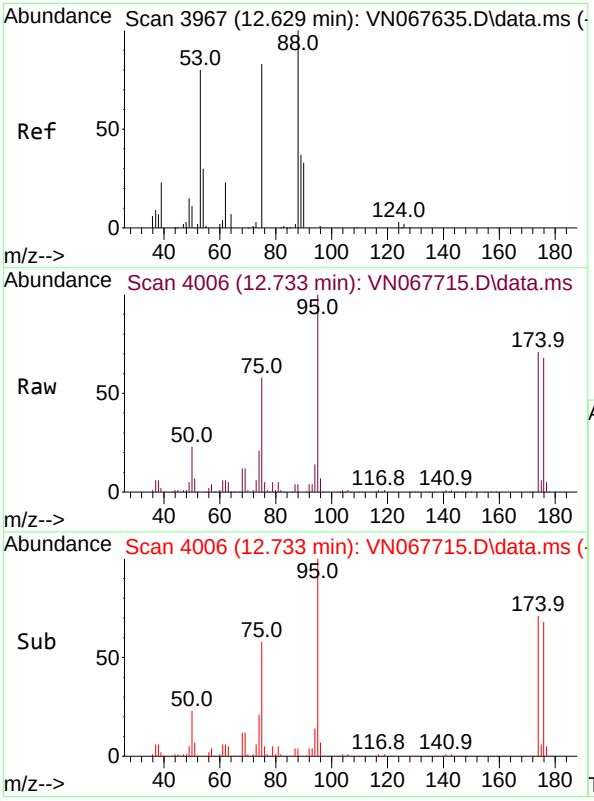


#76
1,2,3-Trichloropropane
Concen: 32.900 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 75 Resp: 153185

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

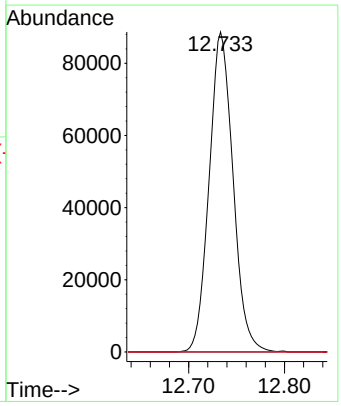




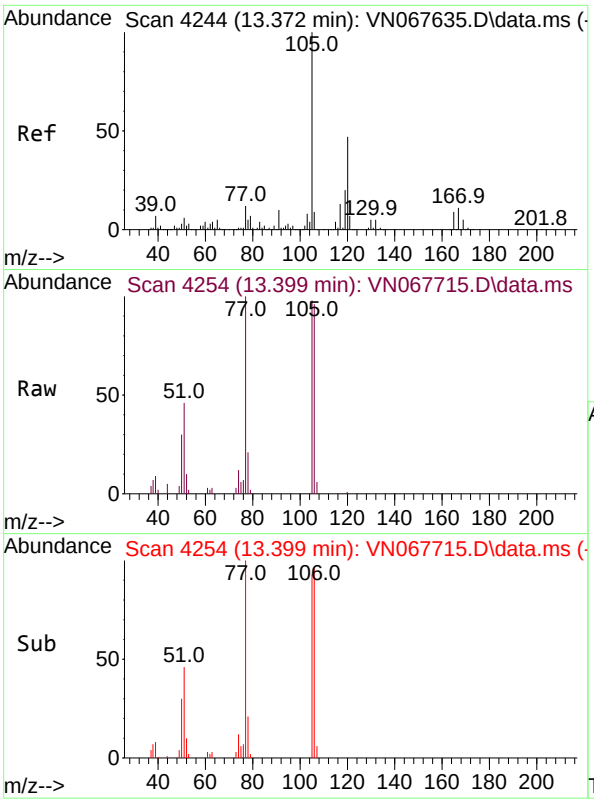
#81
trans-1,4-Dichloro-2-butene
Concen: 106.073 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion: 75 Resp: 153185

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



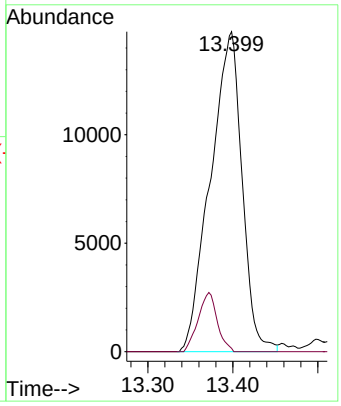
Instrument :
MSVOA_N
ClientSampleId :
33287DL

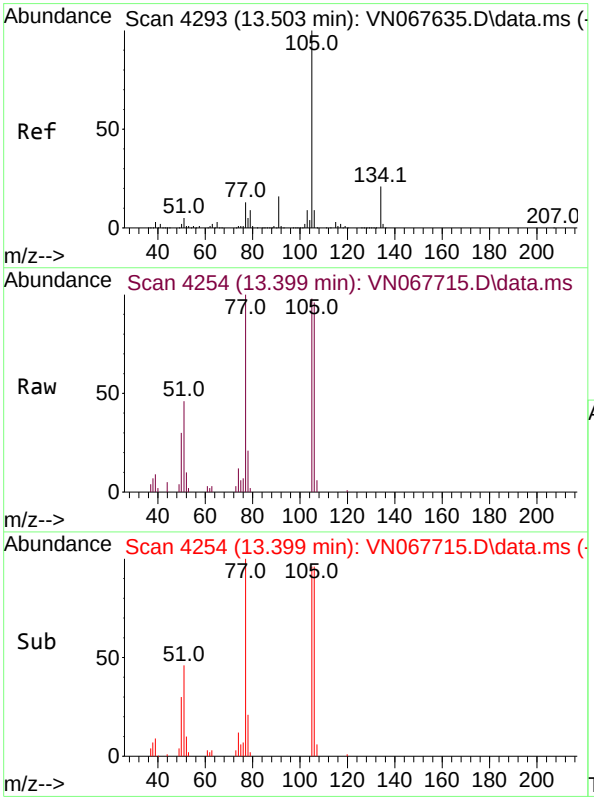


#84
1,2,4-Trimethylbenzene
Concen: 2.610 ug/l
RT: 13.399 min Scan# 4254
Delta R.T. 0.027 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:105 Resp: 38125

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.6	61.8#

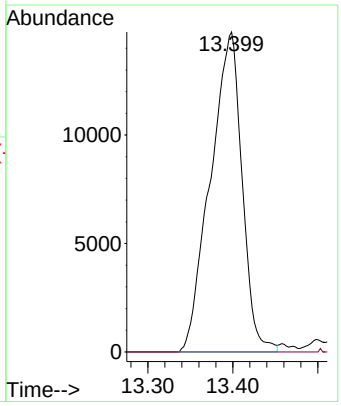




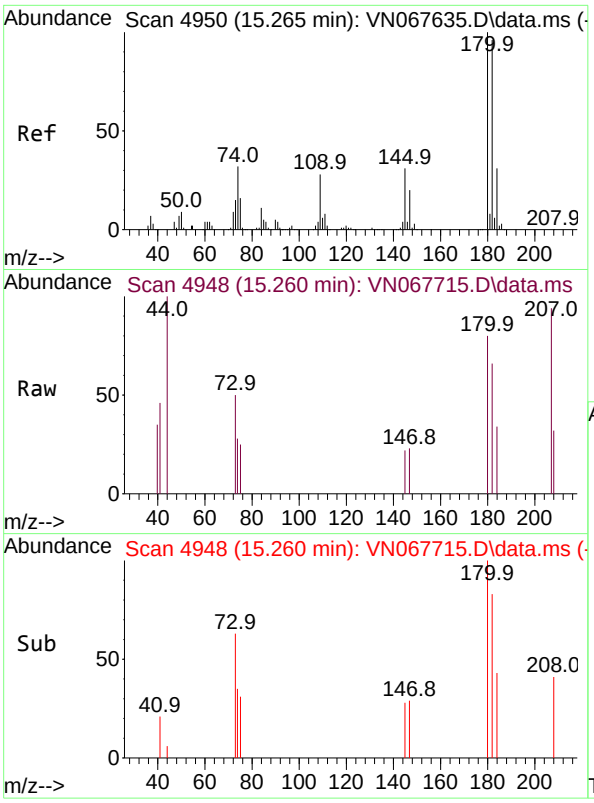
#85
sec-Butylbenzene
Concen: 2.167 ug/l
RT: 13.399 min Scan# 4254
Delta R.T. -0.104 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:105 Resp: 38125

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.0	27.1#



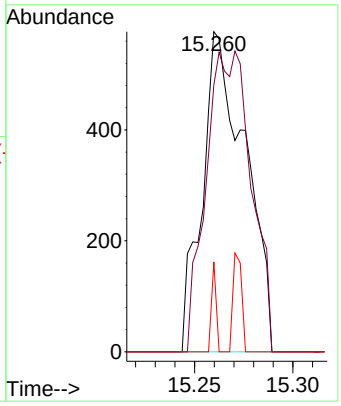
Instrument :
MSVOA_N
ClientSampleId :
33287DL

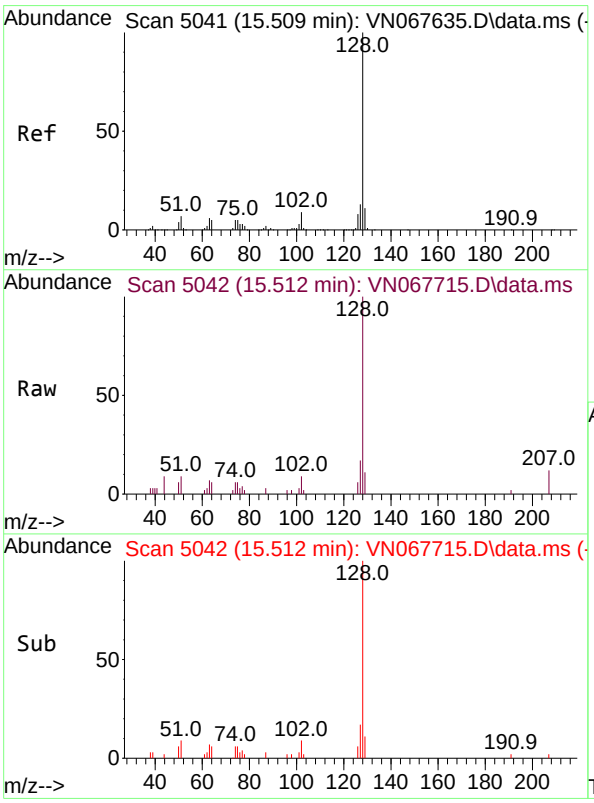


#93
1,2,4-Trichlorobenzene
Concen: 2.893 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:180 Resp: 877

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.5	142.5#
145	3.0	17.2	51.6#

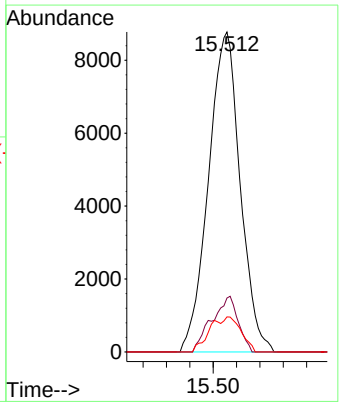


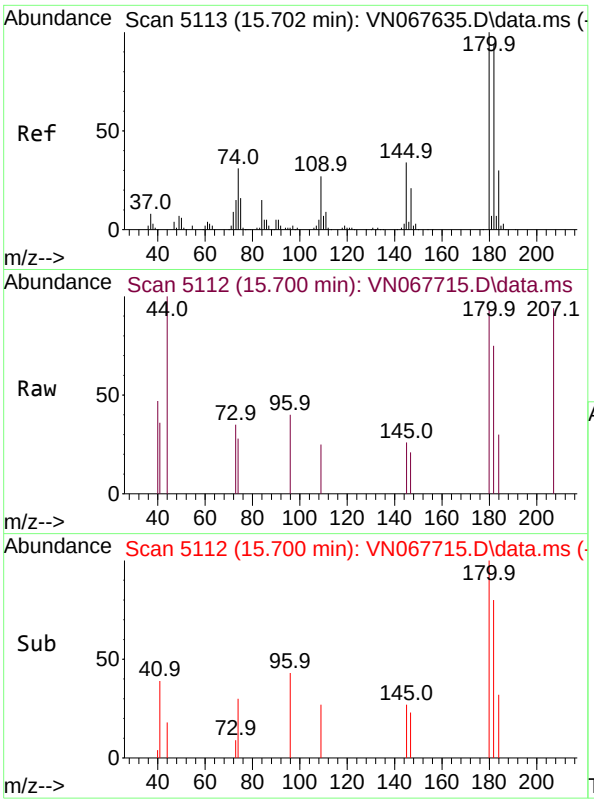


#95
Naphthalene
Concen: 4.403 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:128 Resp: 16523

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.6	15.8
129	4.6	8.6	12.8#

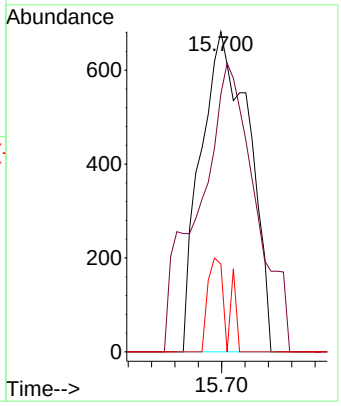




#96
1,2,3-Trichlorobenzene
Concen: 2.888 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067715.D
Acq: 13 Jul 2021 14:00

Tgt Ion:180 Resp: 981

Ion	Ratio	Lower	Upper
180	100		
182	105.8	47.8	143.3
145	11.7	18.2	54.6#



Instrument :
MSVOA_N
ClientSampleId :
33287DL