Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
Data File : VN065628.D
Acq On : 27 Jan 2021 14:34
Operator : JC/MD
Sample : M1190-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 41110

Quant Time: Jan 28 02:13:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.624	168	207558	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.550	114	357850	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.376	117	317405	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	132711	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.987	65	135901	49.77	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.54%				
35) Dibromofluoromethane	7.550	113	105003	49.52	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.04%				
50) Toluene-d8	10.058	98	449590	53.94	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.88%				
62) 4-Bromofluorobenzene	12.373	95	157824	52.58	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.16%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.762	59	8562	16.74	ug/l	#	78
16) Acetone	3.782	43	28542	26.85	ug/l		97
18) Methyl Acetate	4.290	43	5870	1.97	ug/l		95
25) 2-Butanone	6.807	43	5556	3.33	ug/l		98
40) Benzene	8.000	78	64678	5.88	ug/l	#	25
49) 1,4-Dioxane	9.167	88	4969	105.67	ug/l	#	79
52) Toluene	10.122	92	70154	10.77	ug/l		98
67) Ethyl Benzene	11.486	91	23580	1.89	ug/l		93
68) m/p-Xylenes	11.589	106	51616	11.43	ug/l		92
69) o-Xylene	11.916	106	18868	4.31	ug/l		84
70) Styrene	11.933	104	56906	7.90	ug/l		95
78) n-propylbenzene	12.563	91	87230	6.37	ug/l	#	53
80) 1,3,5-Trimethylbenzene	12.704	105	5644	0.57	ug/l		96
84) 1,2,4-Trimethylbenzene	13.013	105	65286	6.62	ug/l		70
95) Naphthalene	15.100	128	109115	15.27	ug/l	#	97

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

Quantitation Report (LSC Reviewed)

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Data File : VN065628.D
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Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
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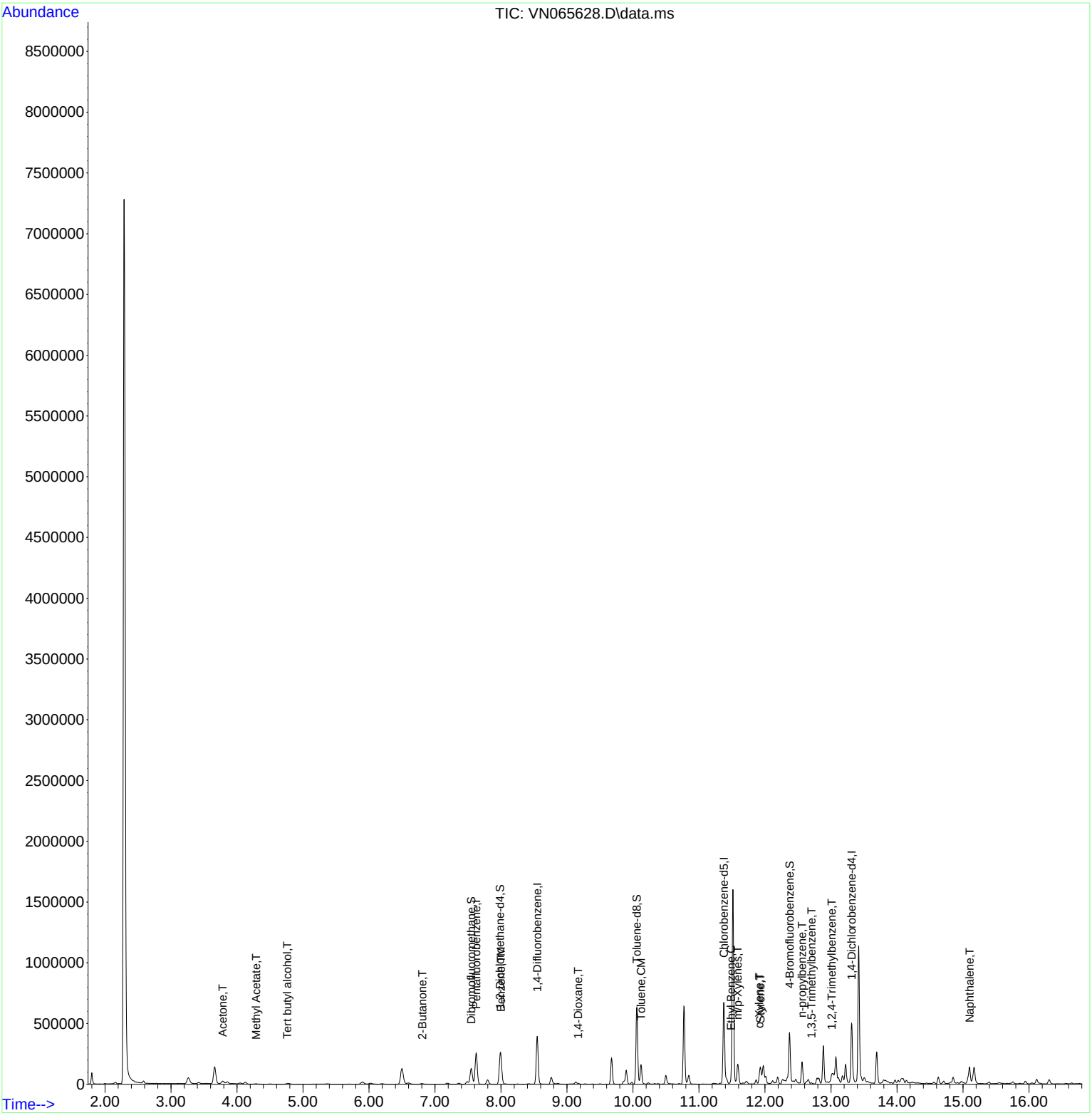
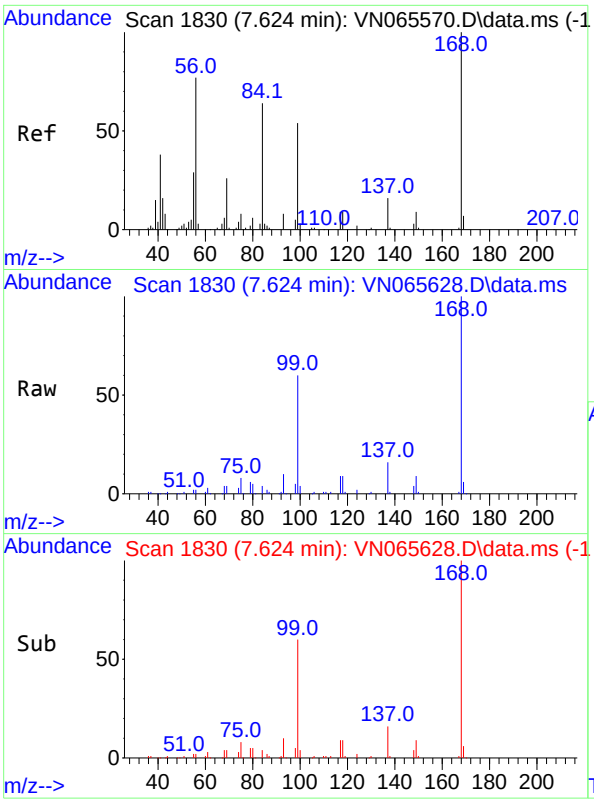
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



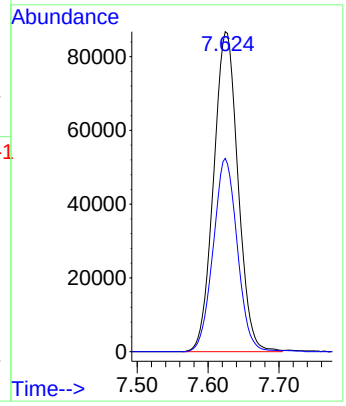
Instrument :
MSVOA_N
ClientSampleId :
41110

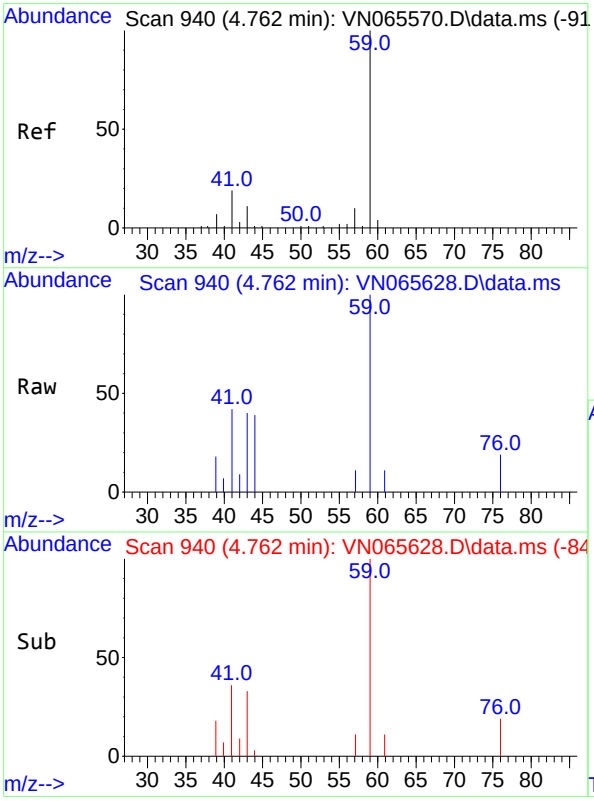


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:168 Resp: 207558

Ion	Ratio	Lower	Upper
168	100		
99	60.4	42.6	63.8

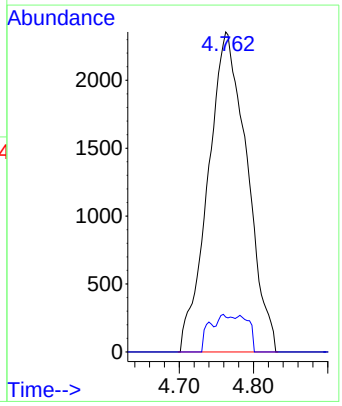




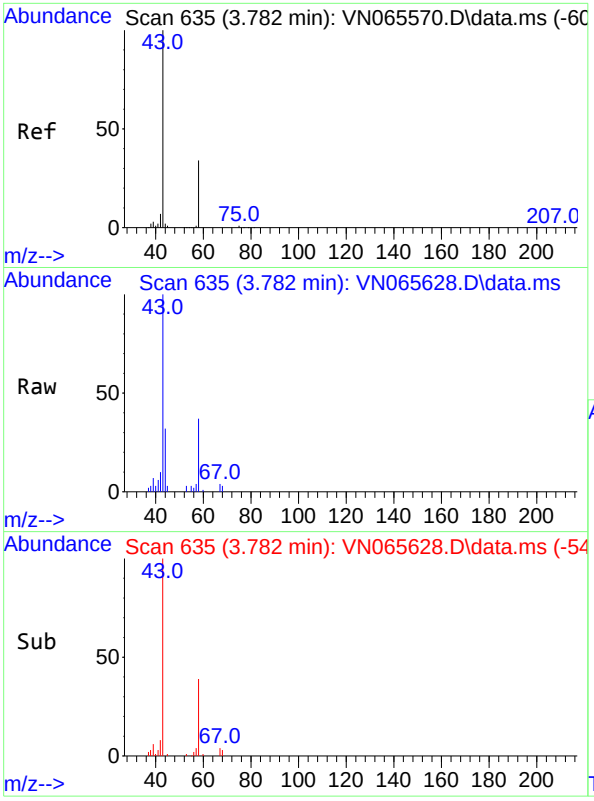
#11
Tert butyl alcohol
Concen: 16.74 ug/l
RT: 4.762 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 59 Resp: 8562

Ion	Ratio	Lower	Upper
59	100		
57	1.8	8.0	12.0#



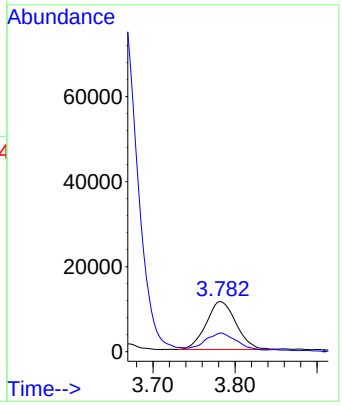
Instrument :
MSVOA_N
ClientSampleId :
41110

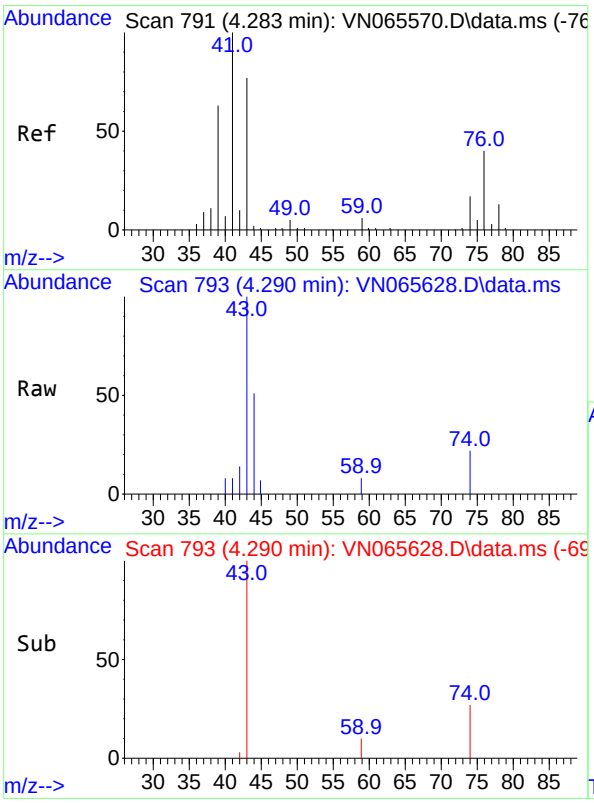


#16
Acetone
Concen: 26.85 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 43 Resp: 28542

Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.0	40.6

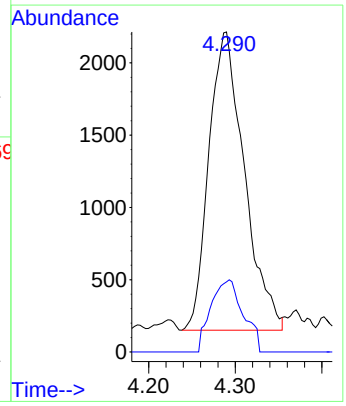




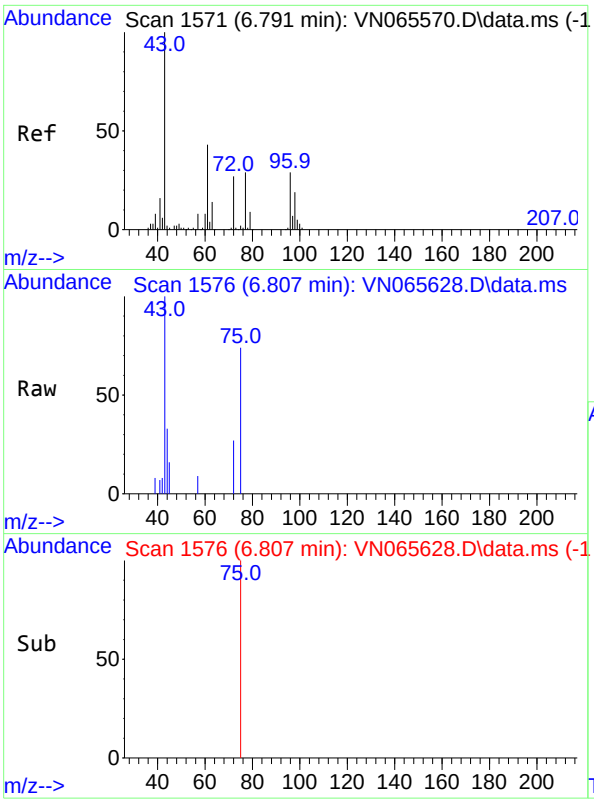
#18
Methyl Acetate
Concen: 1.97 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.007 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 43 Resp: 5870

Ion	Ratio	Lower	Upper
43	100		
74	22.1	19.5	29.3



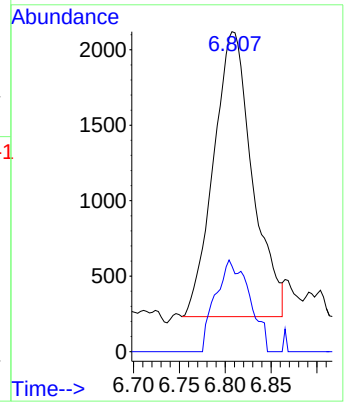
Instrument :
MSVOA_N
ClientSampleId :
41110

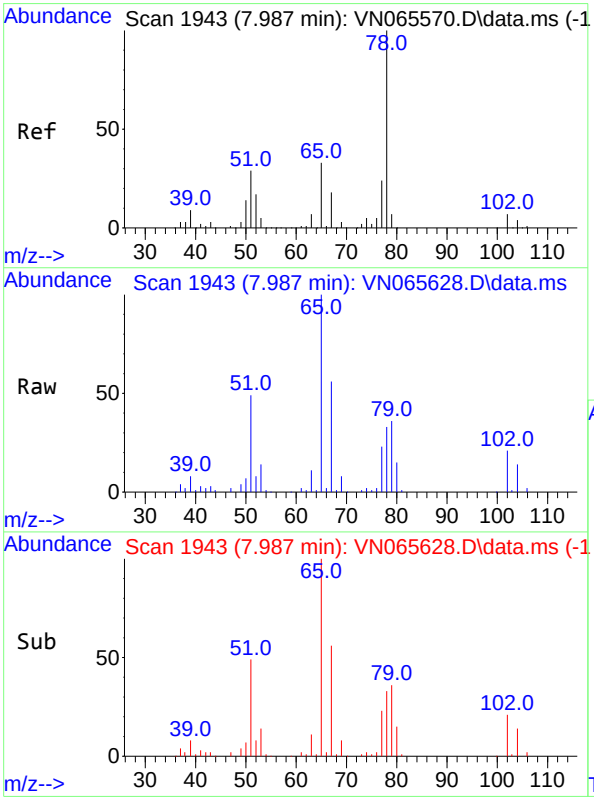


#25
2-Butanone
Concen: 3.33 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.016 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 43 Resp: 5556

Ion	Ratio	Lower	Upper
43	100		
72	30.0	23.1	34.7

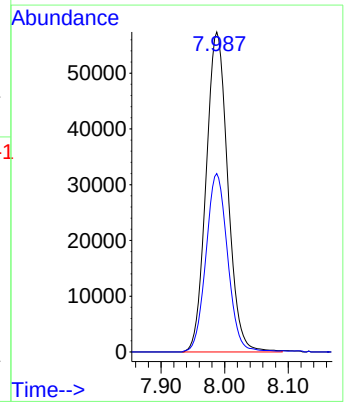




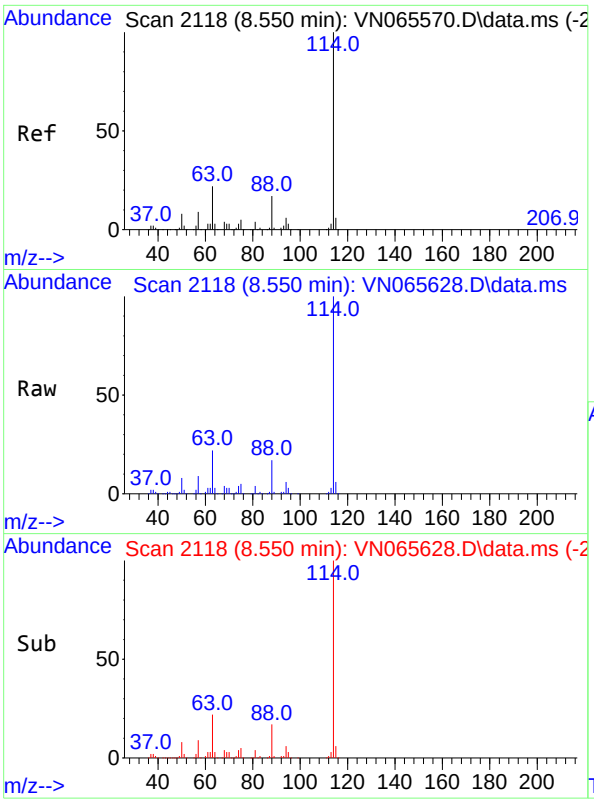
#33
1,2-Dichloroethane-d4
Concen: 49.77 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 65 Resp: 135901

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	107.2



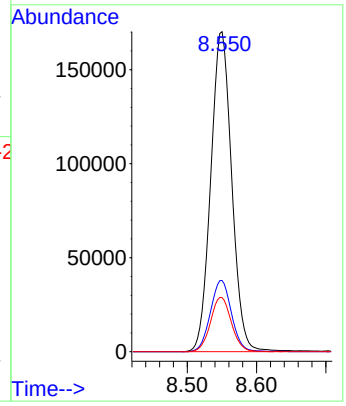
Instrument :
MSVOA_N
ClientSampleId :
41110

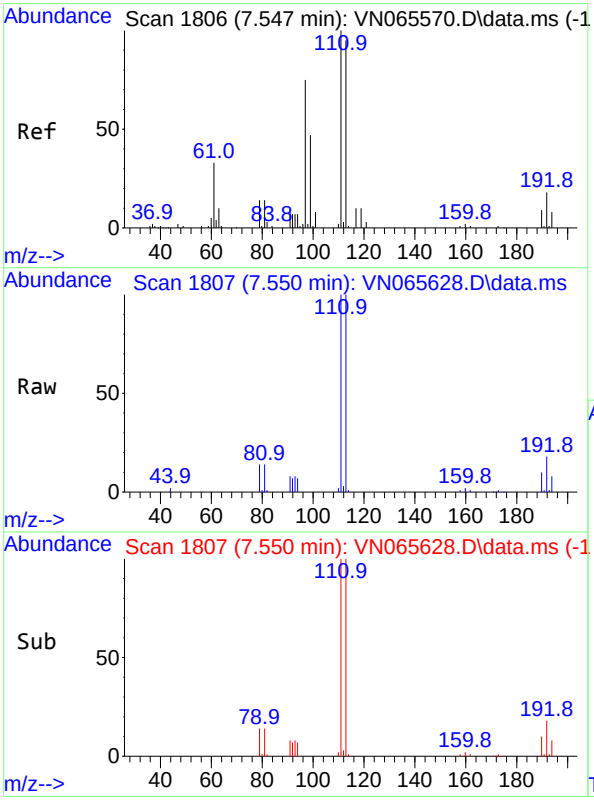


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:114 Resp: 357850

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	38.6
88	16.9	0.0	30.6

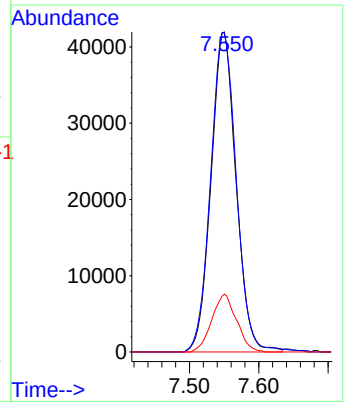




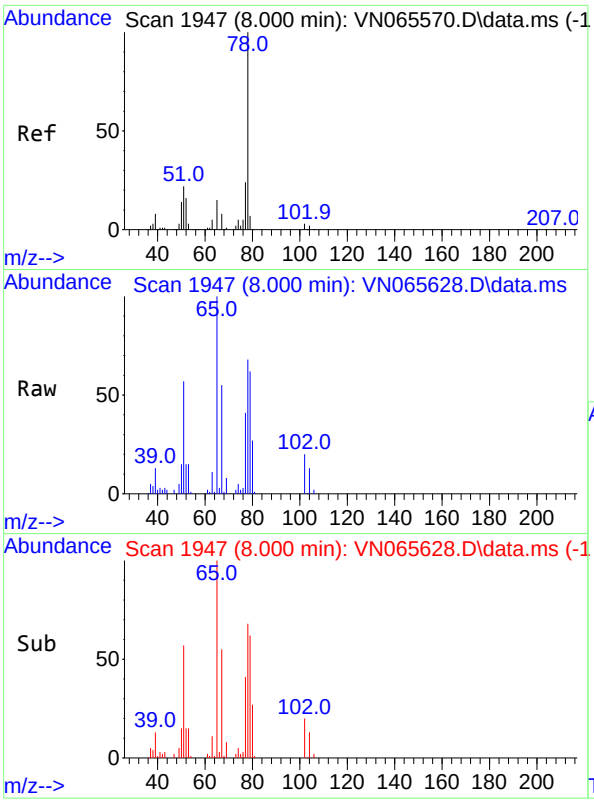
#35
Dibromofluoromethane
Concen: 49.52 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:113 Resp: 105003

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	17.9	15.4	23.0



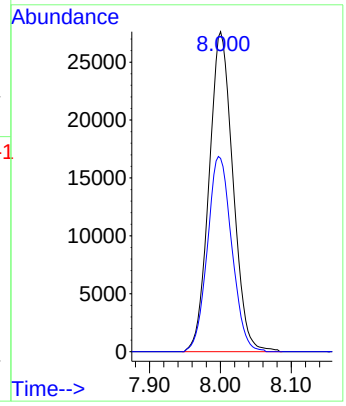
Instrument :
MSVOA_N
ClientSampleId :
41110

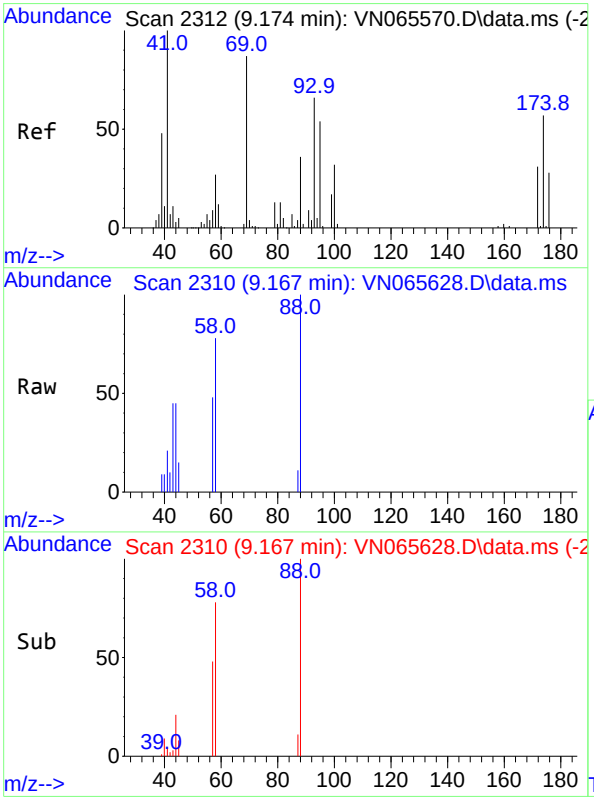


#40
Benzene
Concen: 5.88 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 78 Resp: 64678

Ion	Ratio	Lower	Upper
78	100		
77	60.4	19.0	28.4#

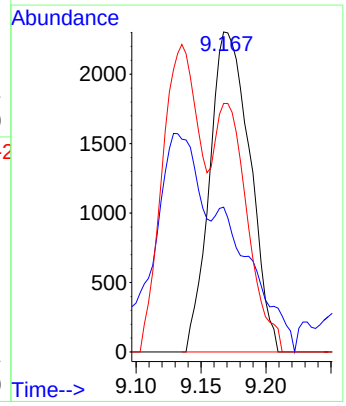




#49
1,4-Dioxane
Concen: 105.67 ug/l
RT: 9.167 min Scan# 2310
Delta R.T. -0.007 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 88 Resp: 4969

Ion	Ratio	Lower	Upper
88	100		
43	0.0	24.7	37.1#
58	61.7	52.6	78.8



Instrument :
MSVOA_N
ClientSampleId :
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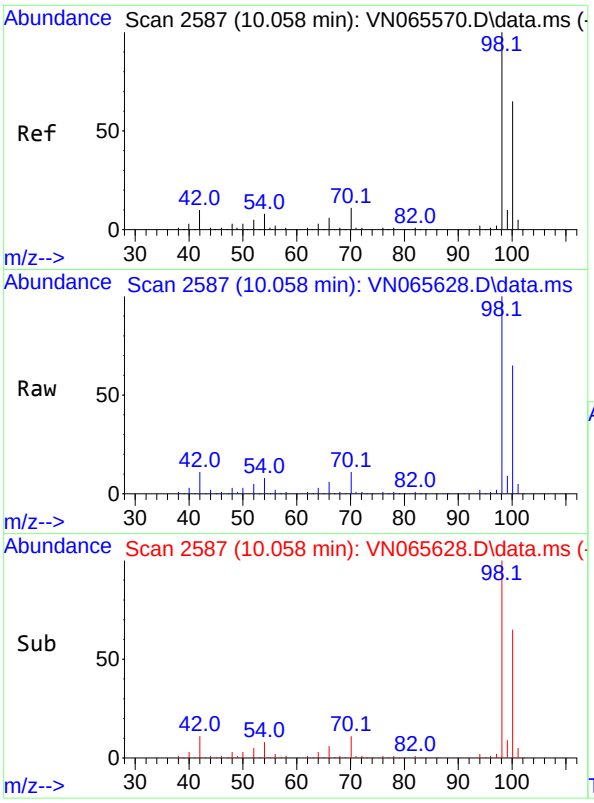
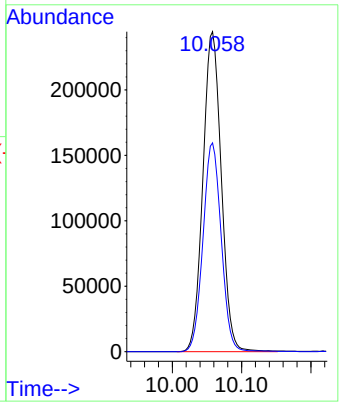
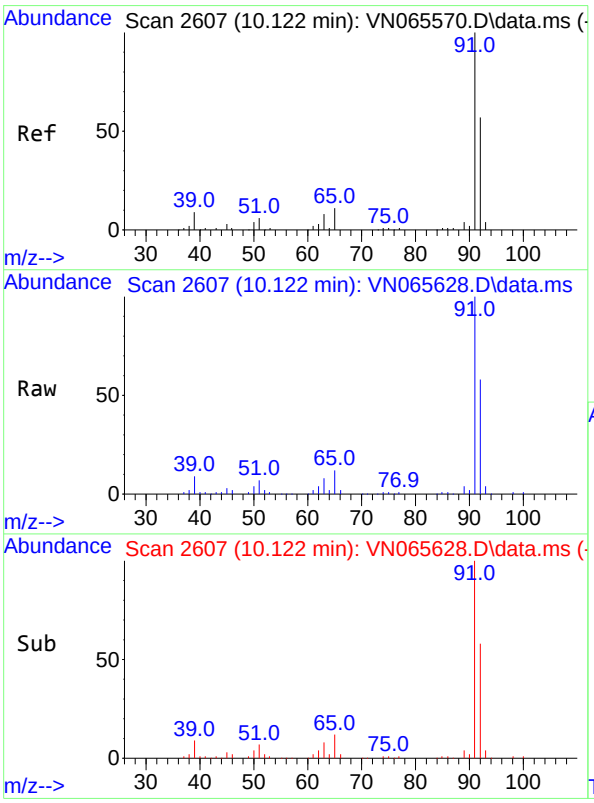


#50
Toluene-d8
Concen: 53.94 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 98 Resp: 449590

Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.5	75.7

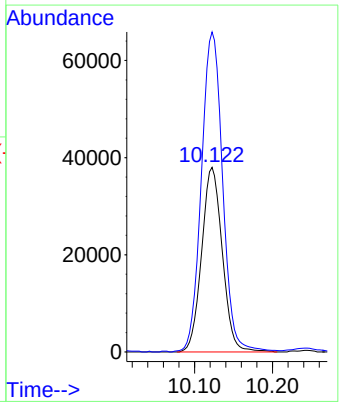




#52
Toluene
Concen: 10.77 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 92 Resp: 70154

Ion	Ratio	Lower	Upper
92	100		
91	178.0	140.7	211.1



Instrument :
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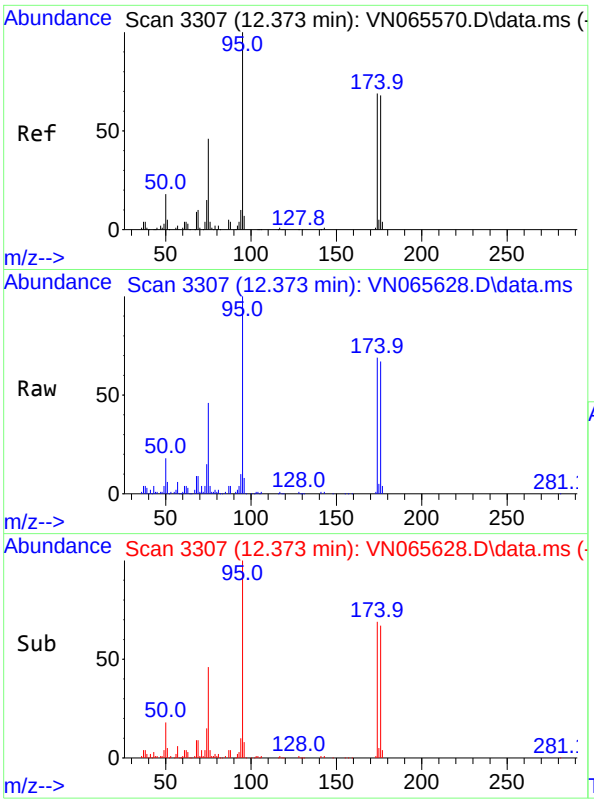
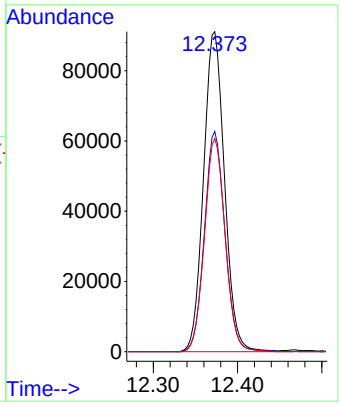
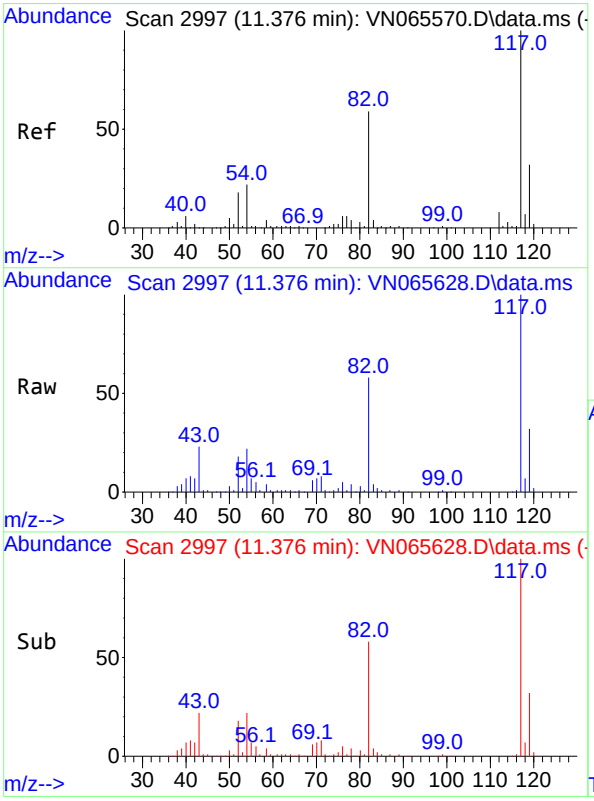


#62
4-Bromofluorobenzene
Concen: 52.58 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 95 Resp: 157824

Ion	Ratio	Lower	Upper
95	100		
174	67.3	0.0	169.0
176	65.6	0.0	162.4

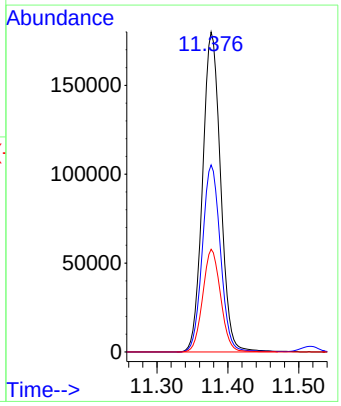




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:117 Resp: 317405

Ion	Ratio	Lower	Upper
117	100		
82	58.5	43.7	65.5
119	32.1	26.1	39.1



Instrument :
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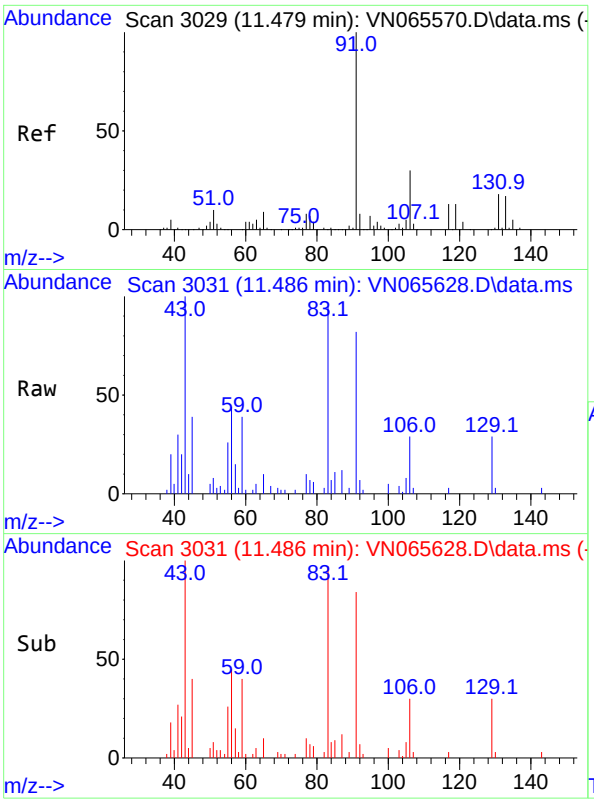
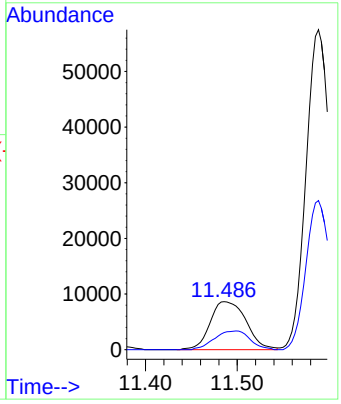
41110

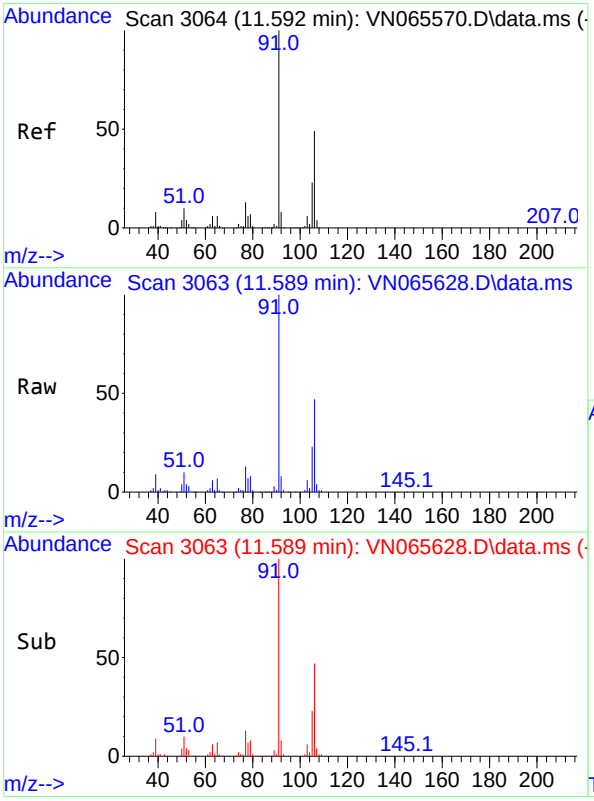


#67
Ethyl Benzene
Concen: 1.89 ug/l
RT: 11.486 min Scan# 3031
Delta R.T. 0.007 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 91 Resp: 23580

Ion	Ratio	Lower	Upper
91	100		
106	35.6	25.5	38.3

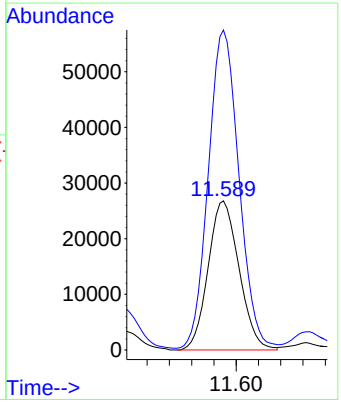




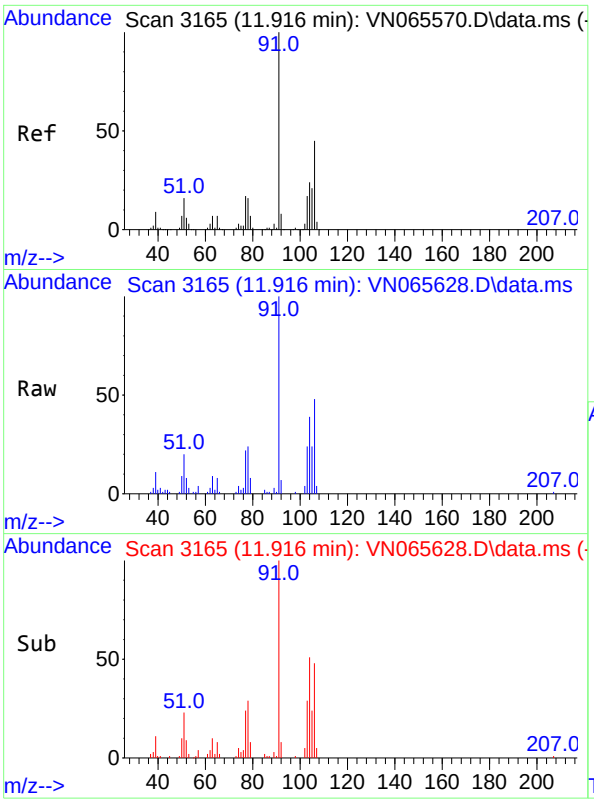
#68
m/p-Xylenes
Concen: 11.43 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:106 Resp: 51616

Ion	Ratio	Lower	Upper
106	100		
91	214.0	161.4	242.0



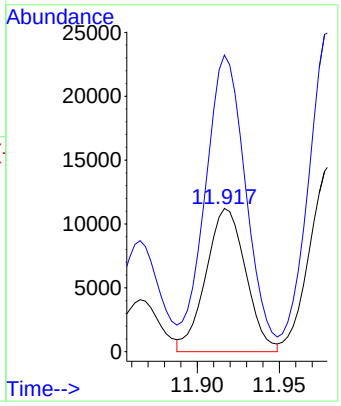
Instrument :
MSVOA_N
ClientSampleId :
41110

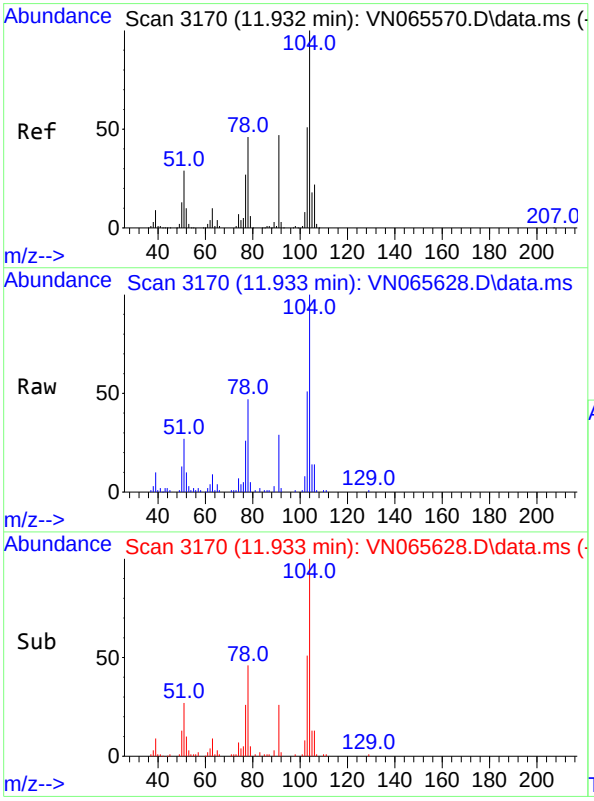


#69
o-Xylene
Concen: 4.31 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:106 Resp: 18868

Ion	Ratio	Lower	Upper
106	100		
91	188.5	106.8	320.4

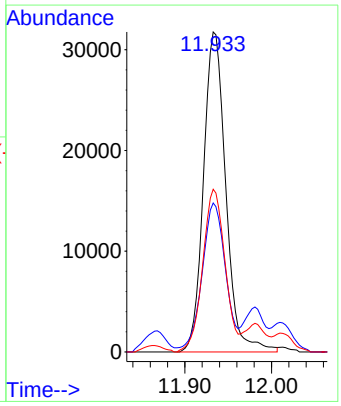




#70
Styrene
Concen: 7.90 ug/l
RT: 11.933 min Scan# 3170
Delta R.T. 0.001 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:104 Resp: 56906

Ion	Ratio	Lower	Upper
104	100		
78	45.8	39.0	58.4
103	51.3	44.5	66.7



Instrument :
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ClientSampleId :
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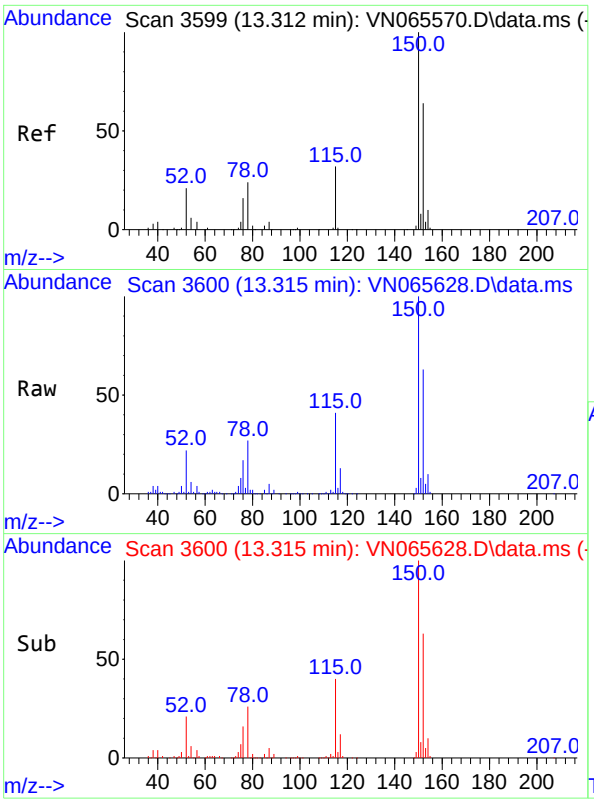
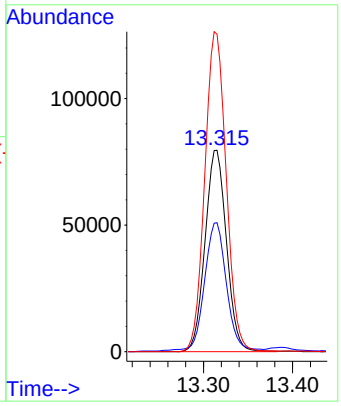
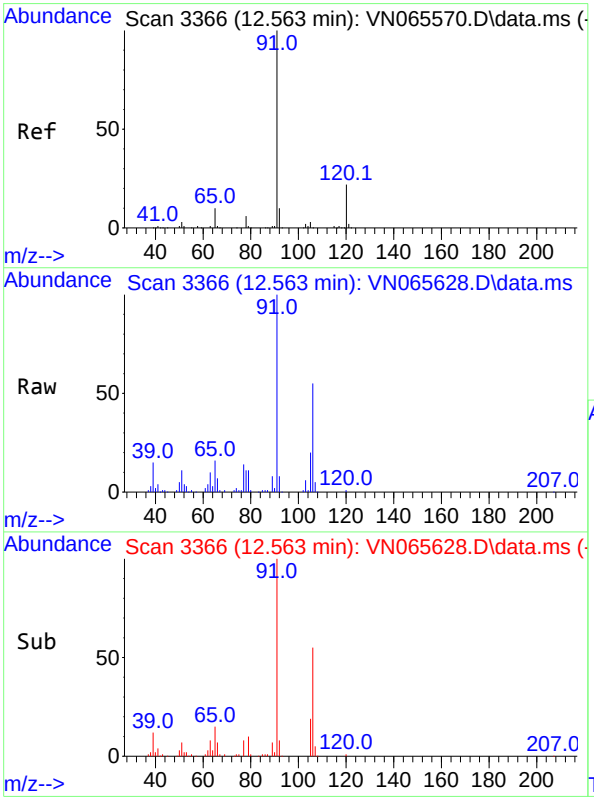


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:152 Resp: 132711

Ion	Ratio	Lower	Upper
152	100		
115	66.6	28.5	85.6
150	158.8	0.0	347.6

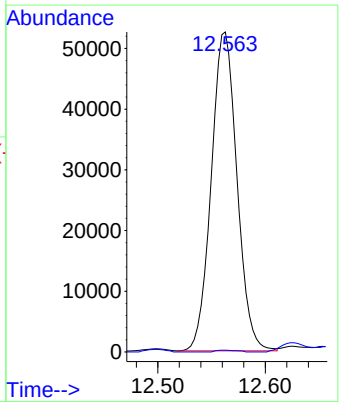




#78
n-propylbenzene
Concen: 6.37 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion: 91 Resp: 87230

Ion	Ratio	Lower	Upper
91	100		
120	0.5	11.8	35.3#



Instrument :
MSVOA_N
ClientSampleId :
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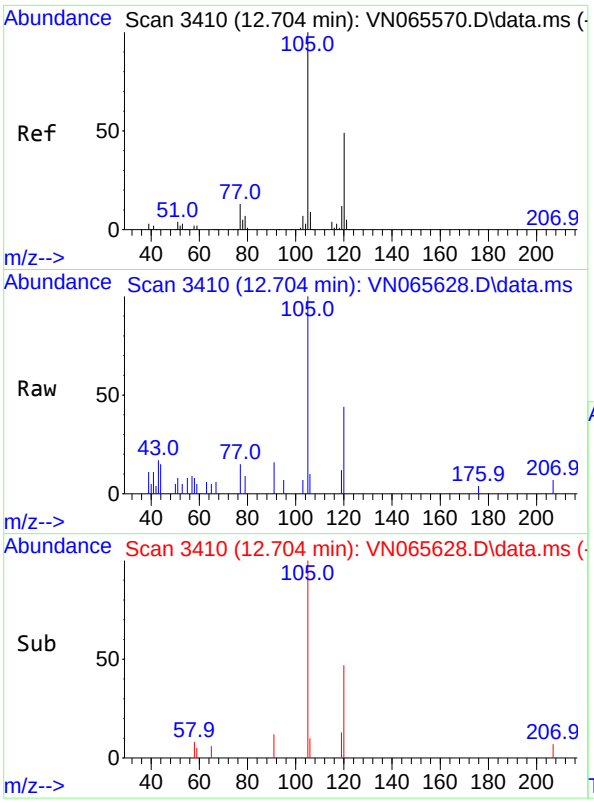
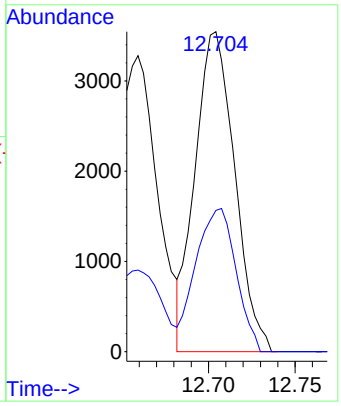
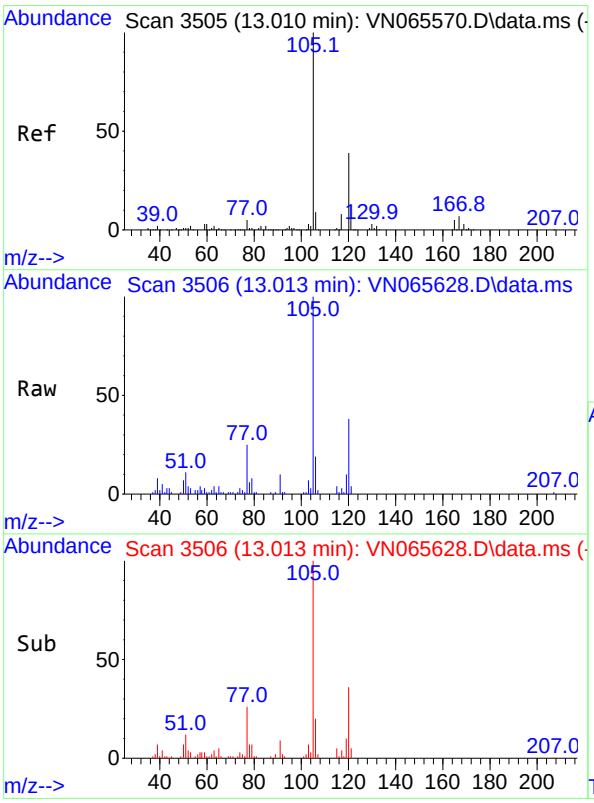


#80
1,3,5-Trimethylbenzene
Concen: 0.57 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:105 Resp: 5644

Ion	Ratio	Lower	Upper
105	100		
120	45.5	24.3	72.8

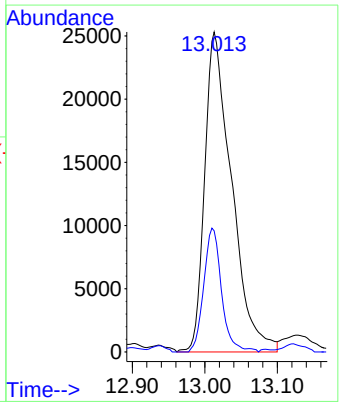


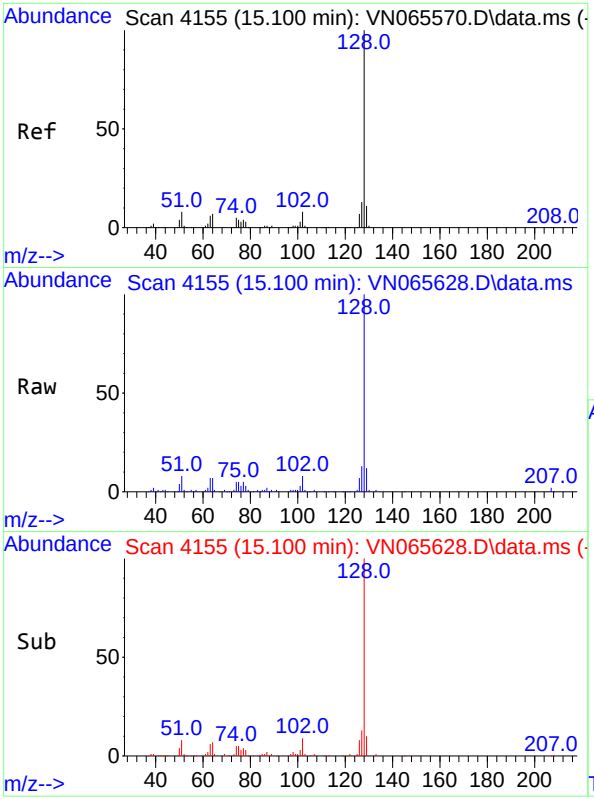


#84
1,2,4-Trimethylbenzene
Concen: 6.62 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:105 Resp: 65286

Ion	Ratio	Lower	Upper
105	100		
120	25.4	22.4	67.0

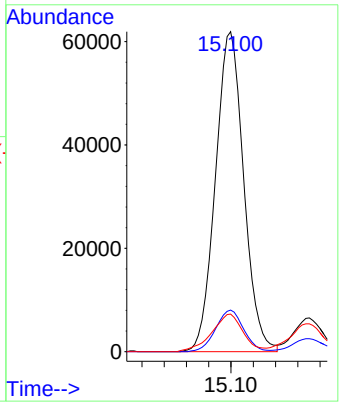




#95
Naphthalene
Concen: 15.27 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065628.D
Acq: 27 Jan 2021 14:34

Tgt Ion:128 Resp: 109115

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	13.0	8.6	13.0#



Instrument :
MSVOA_N
ClientSampleId :
41110