Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
Data File : VU042110.D
Acq On : 20 Jan 2021 17:00
Operator : SY/MD
Sample : M1164-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXT4

Quant Time: Jan 21 04:23:52 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 04:09:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	131121	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	119846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	60008	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38773	4.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.60%			
7) Chloroethane-d5	1.916	69	28302	4.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.00%			
11) 1,1-Dichloroethene-d2	2.568	63	64867	3.48	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.60%			
20) 2-Butanone-d5	4.645	46	148248	48.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.06%			
24) Chloroform-d	5.073	84	80734	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.713	65	49574	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
32) Benzene-d6	5.735	84	152815	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
36) 1,2-Dichloropropane-d6	6.700	67	50281	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.906	98	139708	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%			
43) trans-1,3-Dichloroprop...	8.189	79	24360	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.645	63	109853	49.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.62%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	41542	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.00%			
64) 1,2-Dichlorobenzene-d4	12.201	152	53544	4.97	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.40%			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	780	0.07	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	477	0.05	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	588	0.07	ug/L #	1
13) Acetone	2.652	43	33193	16.15	ug/L	98
15) Methyl Acetate	2.964	43	1685	0.35	ug/L #	55
16) Methylene chloride	3.054	84	5967	0.57	ug/L	93
21) 2-Butanone	4.729	43	4137	1.20	ug/L	84
33) Benzene	5.777	78	1443	0.04	ug/L	100
35) Methylcyclohexane	6.697	83	12045	0.75	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	5692	0.61	ug/L #	87
39) cis-1,3-Dichloropropene	7.578	75	1777	0.12	ug/L #	80
40) 4-Methyl-2-pentanone	7.806	43	3952	0.50	ug/L #	83
42) Toluene	7.976	91	12148	0.32	ug/L	100
44) trans-1,3-Dichloropropene	8.189	75	1058	0.08	ug/L #	59
48) 2-Hexanone	8.648	43	14481	2.62	ug/L #	69
52) Ethylbenzene	9.581	91	2070	0.05	ug/L	88
53) m,p-Xylene	9.703	106	3376	0.21	ug/L	96
54) o-Xylene	10.108	106	1939	0.12	ug/L	95
59) 1,2,3-Trichloropropane	11.819	75	6769	1.03	ug/L	93
69) Naphthalene	14.098	128	1415	0.08	ug/L #	80

Quantitation Report (Not Reviewed)

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Data File : VU042110.D
Acq On : 20 Jan 2021 17:00
Operator : SY/MD
Sample : M1164-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXT4

Quant Time: Jan 21 04:23:52 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 04:09:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
Data File : VU042110.D
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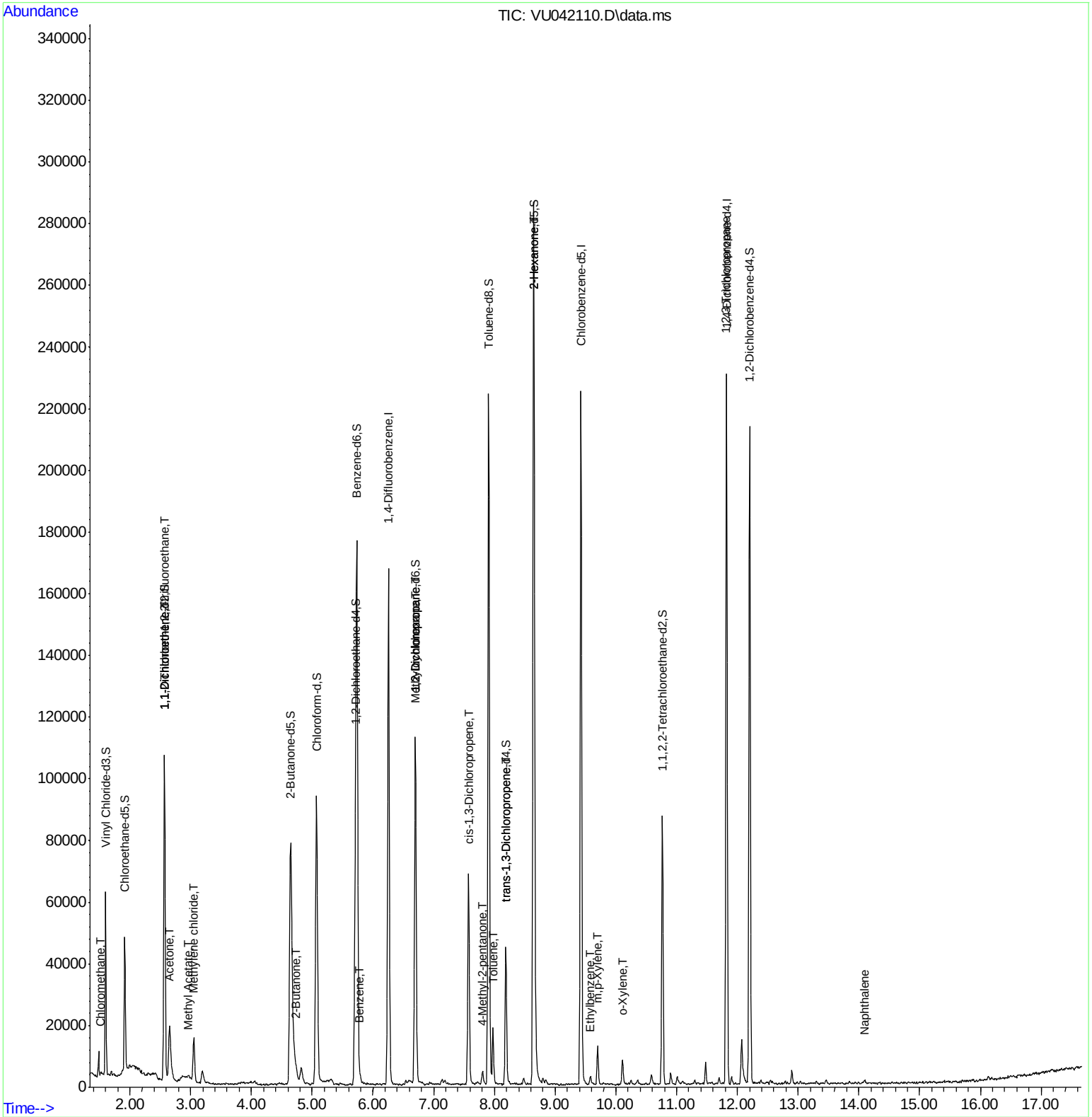
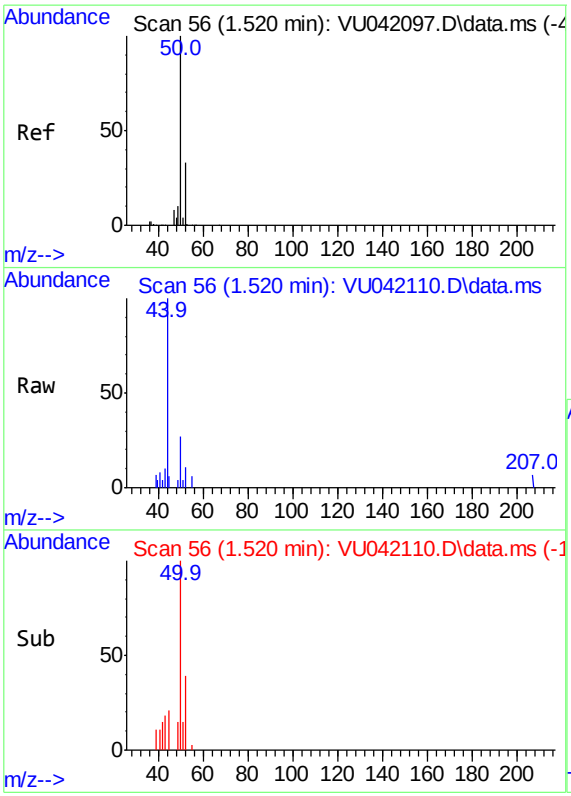
Quant Time: Jan 21 04:23:52 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 21 04:09:50 2021
Response via : Initial Calibration

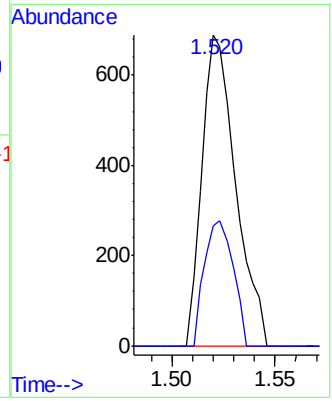




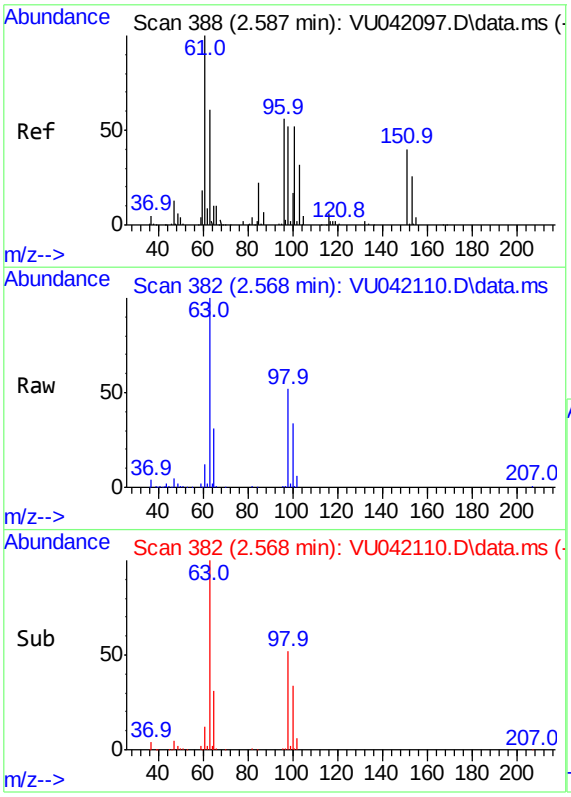
#3
Chloromethane
Concen: 0.07 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 50 Resp: 780

Ion	Ratio	Lower	Upper
50	100		
52	38.8	23.0	42.8



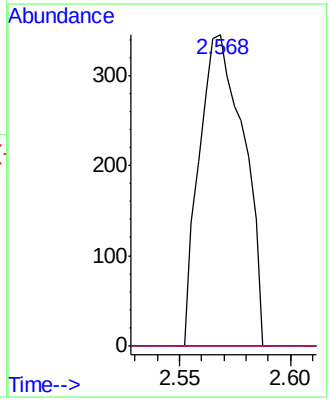
Instrument :
MSVOA_U
ClientSampleId :
BFXT4

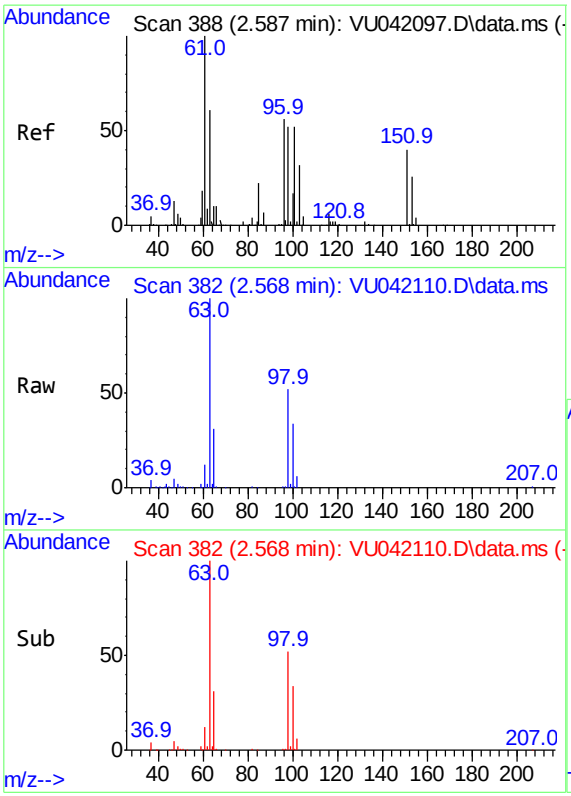


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.05 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion:101 Resp: 477

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	51.8#
151	0.0	62.7	94.1#

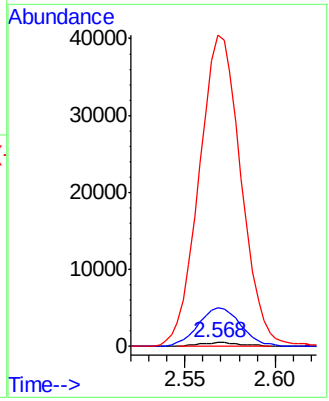




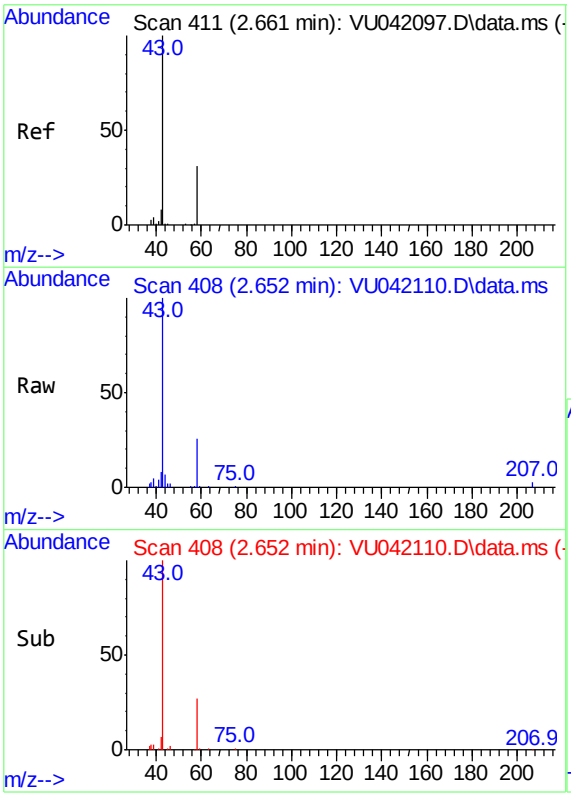
#12
1,1-Dichloroethene
Concen: 0.07 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.019 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 96 Resp: 588

Ion	Ratio	Lower	Upper
96	100		
61	1228.7	126.2	234.4#
63	10078.8	77.8	144.4#



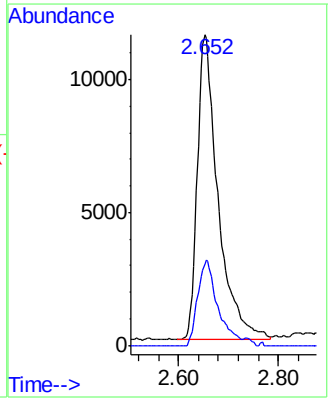
Instrument :
MSVOA_U
ClientSampleId :
BFXT4



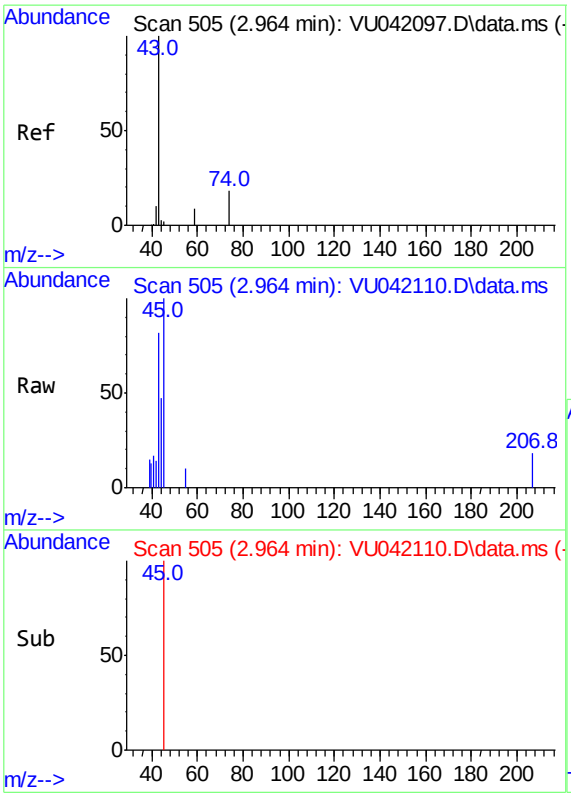
#13
Acetone
Concen: 16.15 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.010 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 43 Resp: 33193

Ion	Ratio	Lower	Upper
43	100		
58	27.1	0.0	55.8



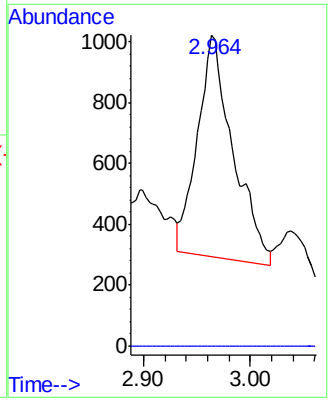
Instrument :
MSVOA_U
ClientSampleId :
BFXT4

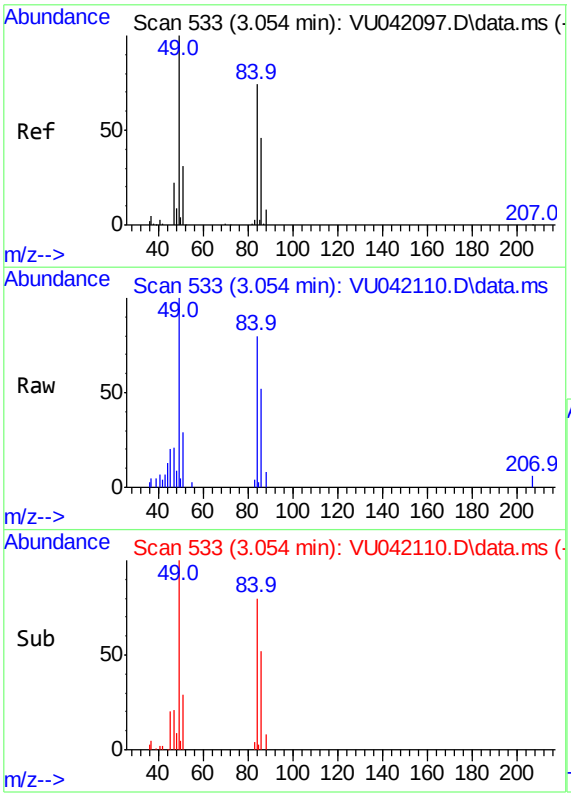


#15
Methyl Acetate
Concen: 0.35 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 43 Resp: 1685

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.9	25.3#

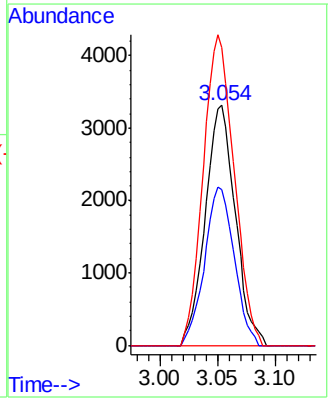


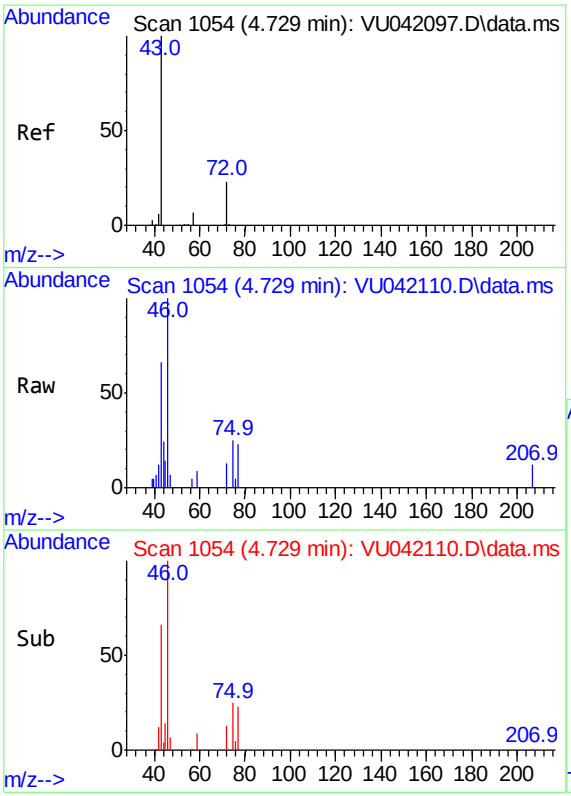


#16
Methylene chloride
Concen: 0.57 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 84 Resp: 5967

Ion	Ratio	Lower	Upper
84	100		
86	64.8	44.1	81.9
49	124.3	95.0	176.4

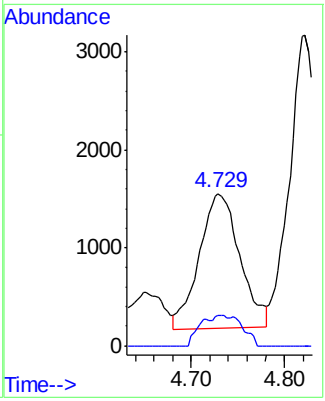




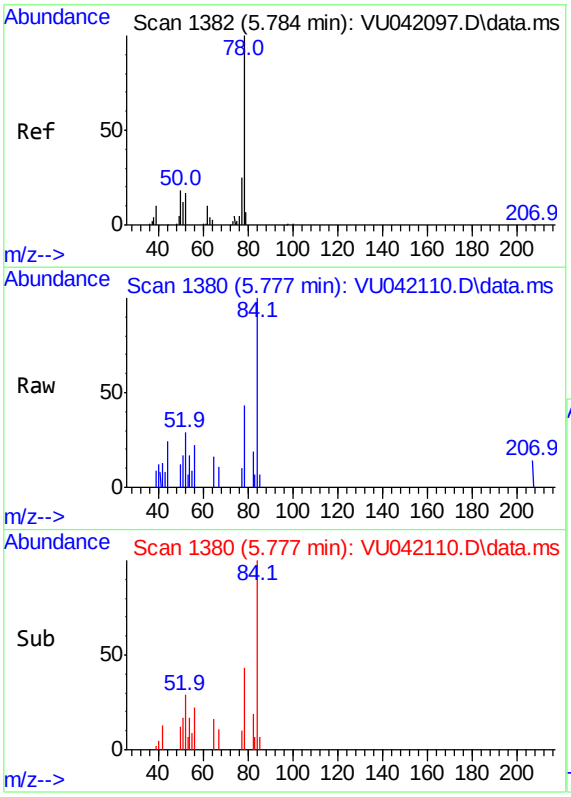
#21
2-Butanone
Concen: 1.20 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 43 Resp: 4137

Ion	Ratio	Lower	Upper
43	100		
72	15.5	11.7	35.1

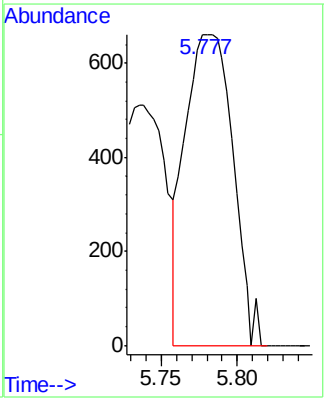


Instrument :
MSVOA_U
ClientSampleId :
BFXT4

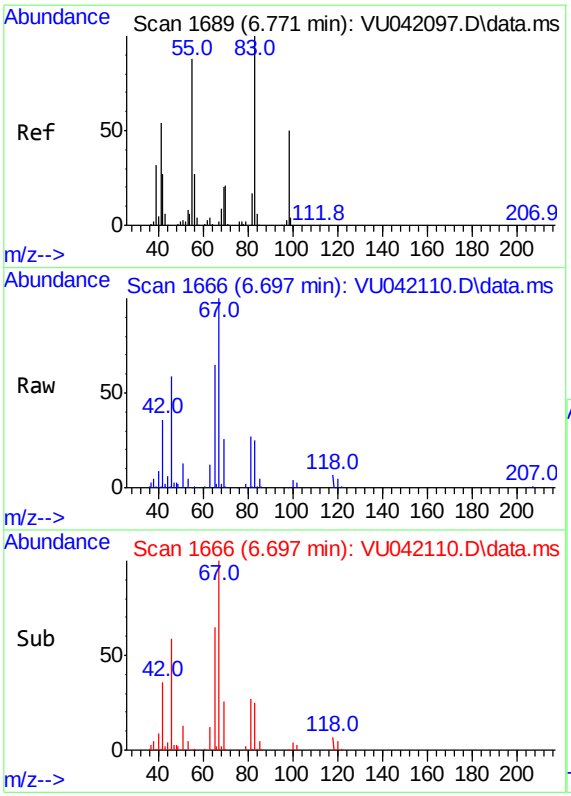


#33
Benzene
Concen: 0.04 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 78 Resp: 1443



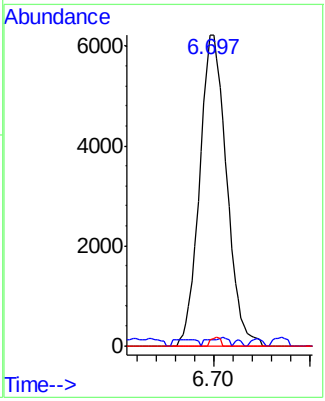
Instrument :
MSVOA_U
ClientSampleId :
BFXT4

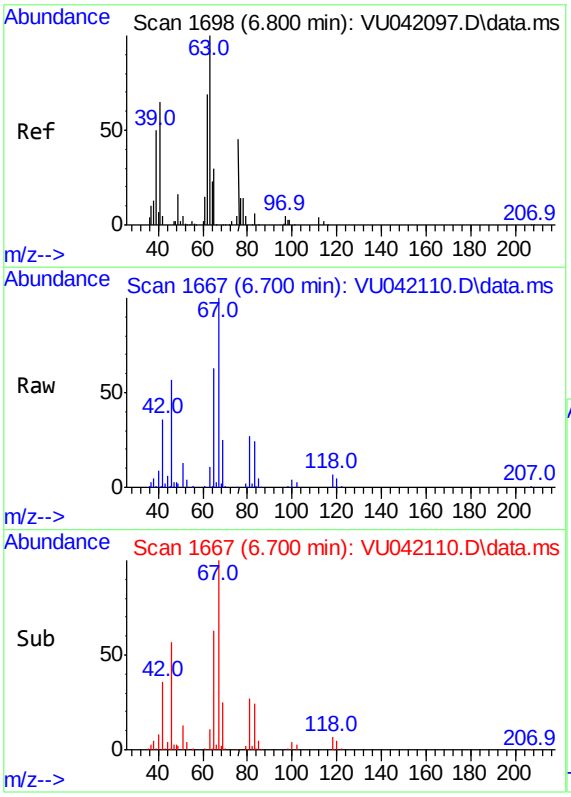


#35
Methylcyclohexane
Concen: 0.75 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 83 Resp: 12045

Ion	Ratio	Lower	Upper
83	100		
55	0.8	68.2	102.4#
98	0.0	39.7	59.5#

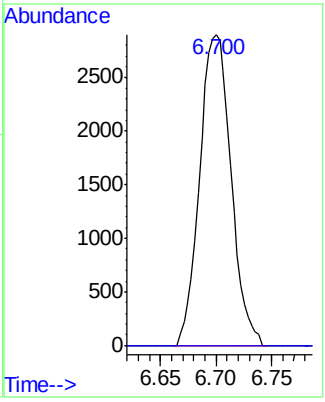


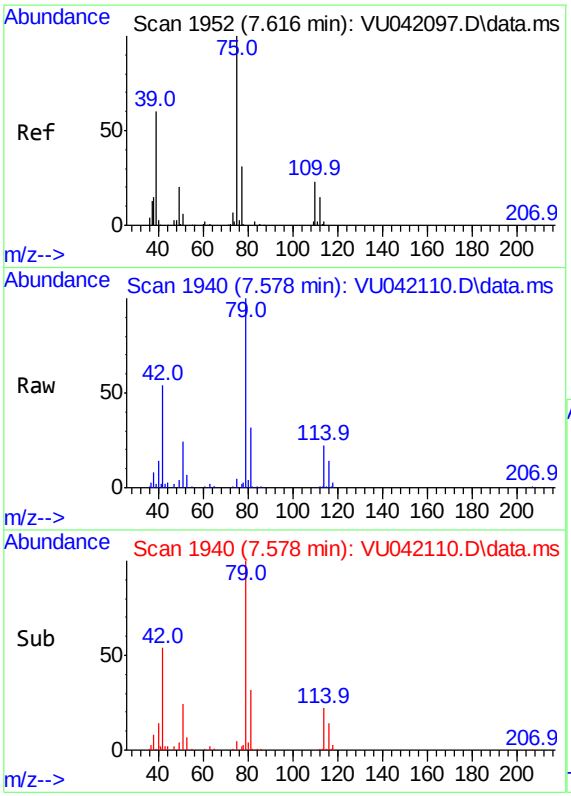


#37
1,2-Dichloropropane
Concen: 0.61 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 63 Resp: 5692

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

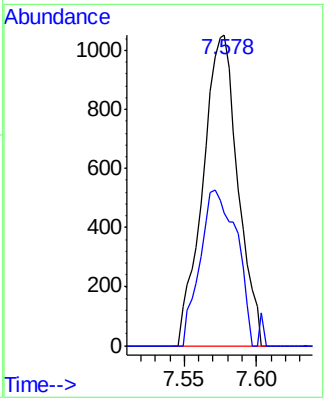




#39
cis-1,3-Dichloropropene
Concen: 0.12 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.039 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 75 Resp: 1777

Ion	Ratio	Lower	Upper
75	100		
77	42.7	22.0	40.8#



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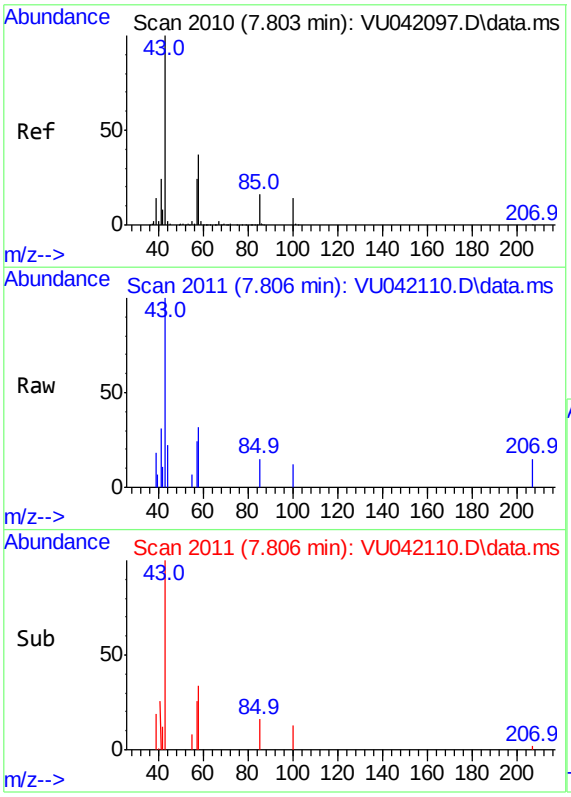
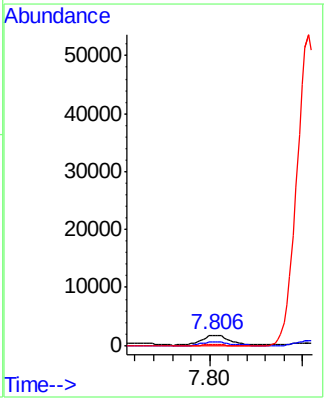
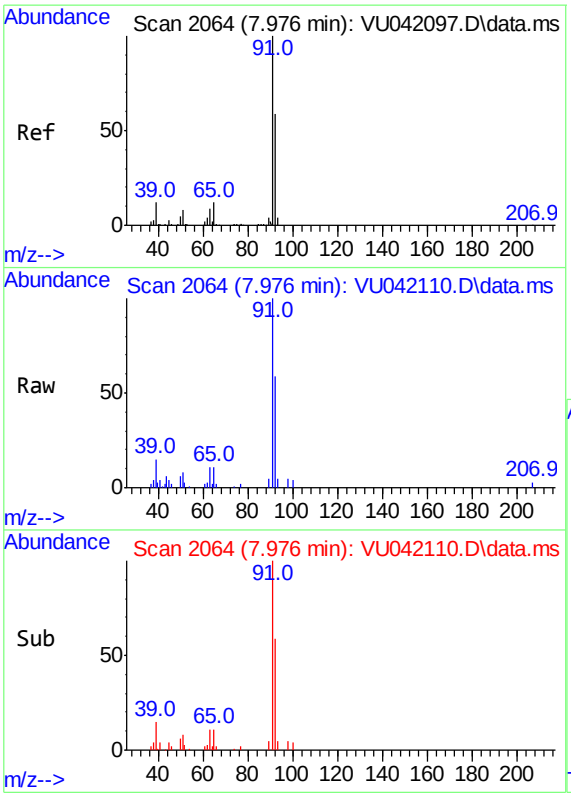


#40
4-Methyl-2-pentanone
Concen: 0.50 ug/L
RT: 7.806 min Scan# 2011
Delta R.T. 0.003 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 43 Resp: 3952

Ion	Ratio	Lower	Upper
43	100		
58	29.7	29.1	43.7
100	0.0	11.0	16.4#

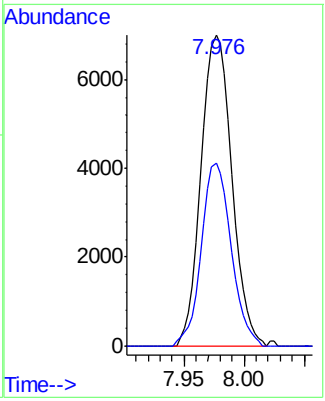




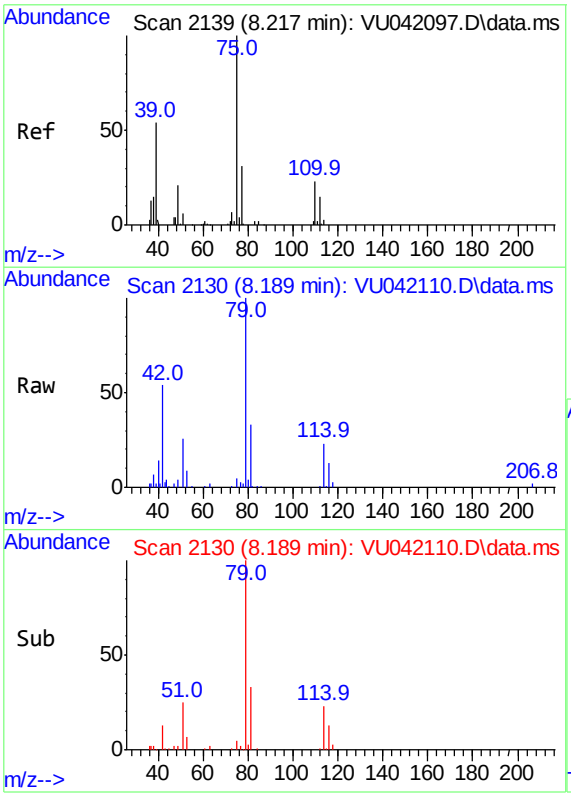
#42
Toluene
Concen: 0.32 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 91 Resp: 12148

Ion	Ratio	Lower	Upper
91	100		
92	59.0	41.2	76.6



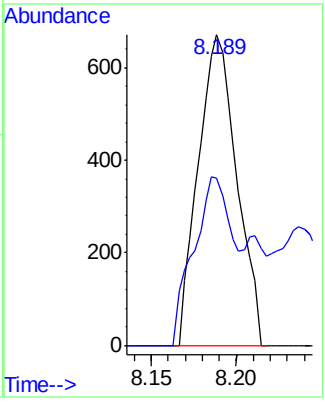
Instrument :
MSVOA_U
ClientSampleId :
BFXT4

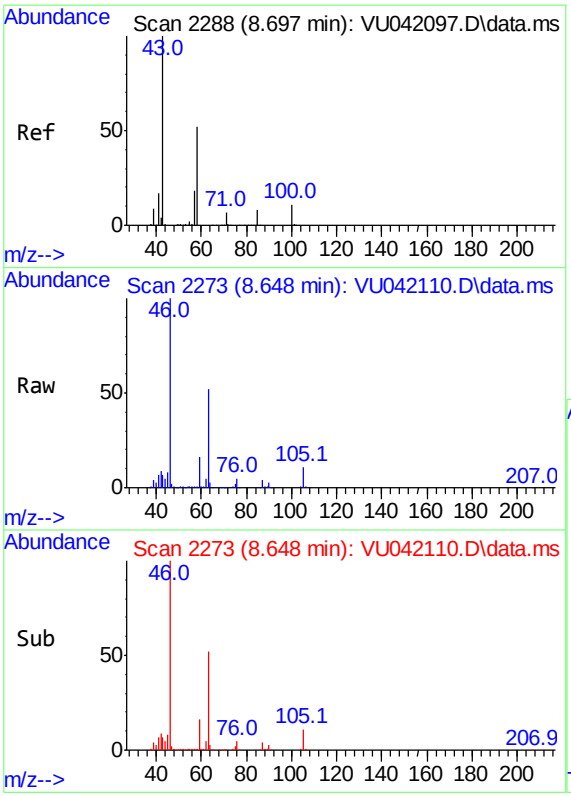


#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.029 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 75 Resp: 1058

Ion	Ratio	Lower	Upper
75	100		
77	53.8	21.8	40.4#

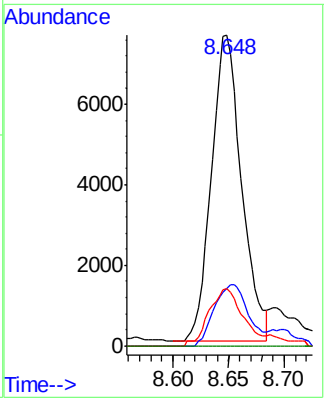




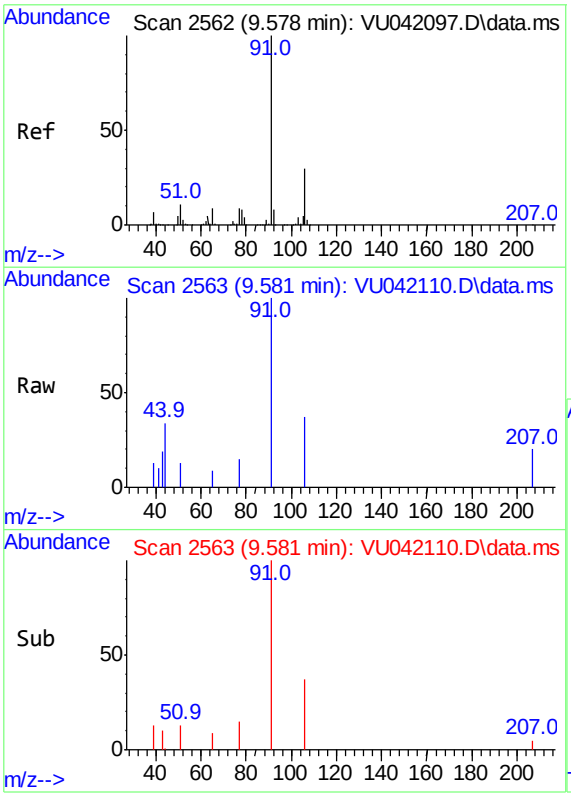
#48
2-Hexanone
Concen: 2.62 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.048 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 43 Resp: 14481

Ion	Ratio	Lower	Upper
43	100		
58	22.6	40.6	61.0#
57	20.6	14.9	22.3
100	0.0	8.6	12.8#



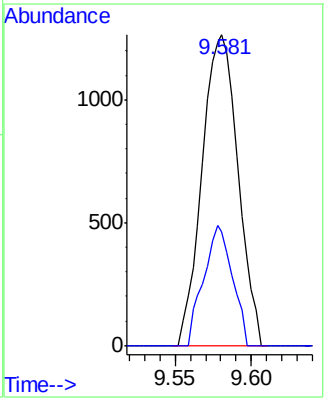
Instrument :
MSVOA_U
ClientSampleId :
BFXT4

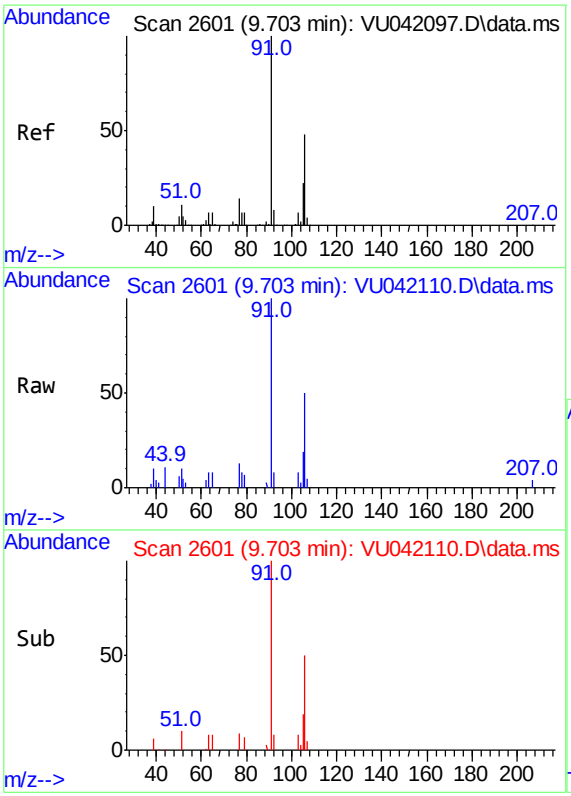


#52
Ethylbenzene
Concen: 0.05 ug/L
RT: 9.581 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 91 Resp: 2070

Ion	Ratio	Lower	Upper
91	100		
106	36.7	21.1	39.3

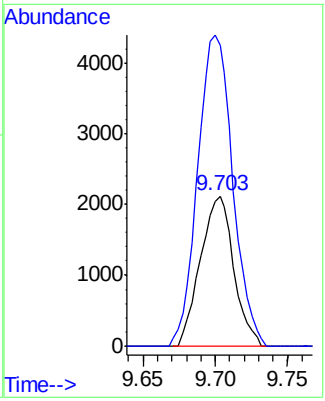




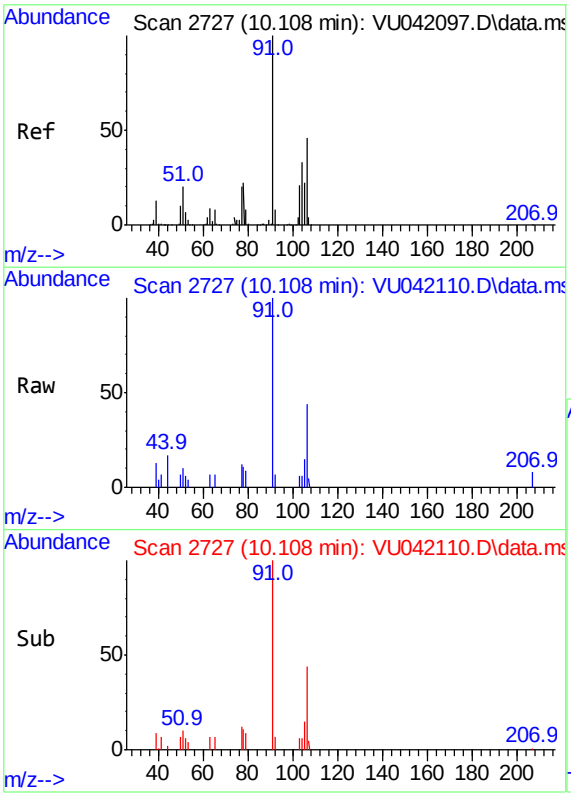
#53
m,p-Xylene
Concen: 0.21 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion:106 Resp: 3376

Ion	Ratio	Lower	Upper
106	100		
91	201.2	145.1	269.5



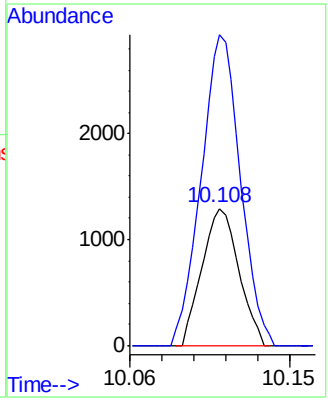
Instrument :
MSVOA_U
ClientSampleId :
BFXT4



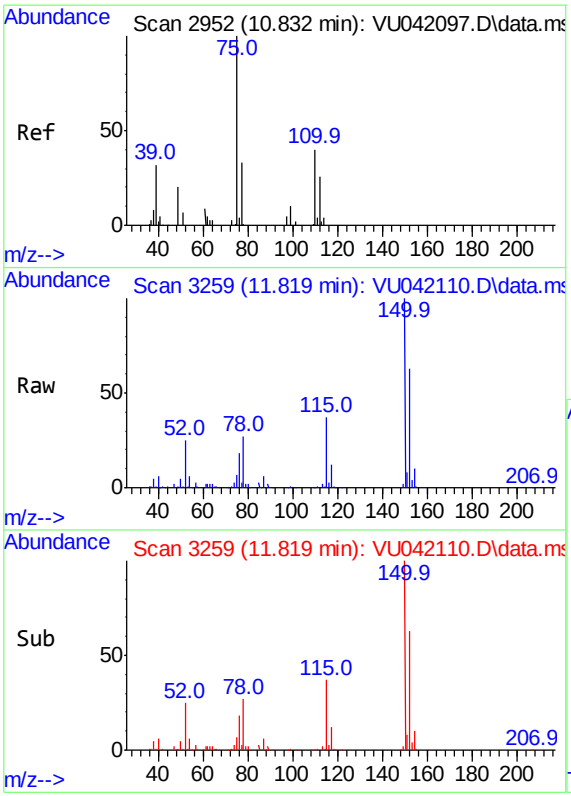
#54
o-Xylene
Concen: 0.12 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion:106 Resp: 1939

Ion	Ratio	Lower	Upper
106	100		
91	226.7	153.0	284.2



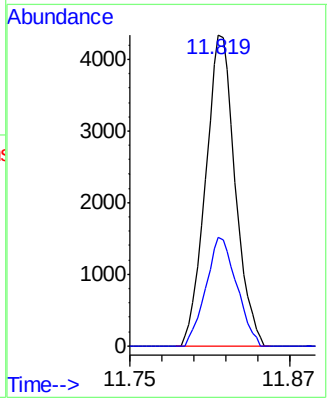
Instrument :
MSVOA_U
ClientSampleId :
BFXT4

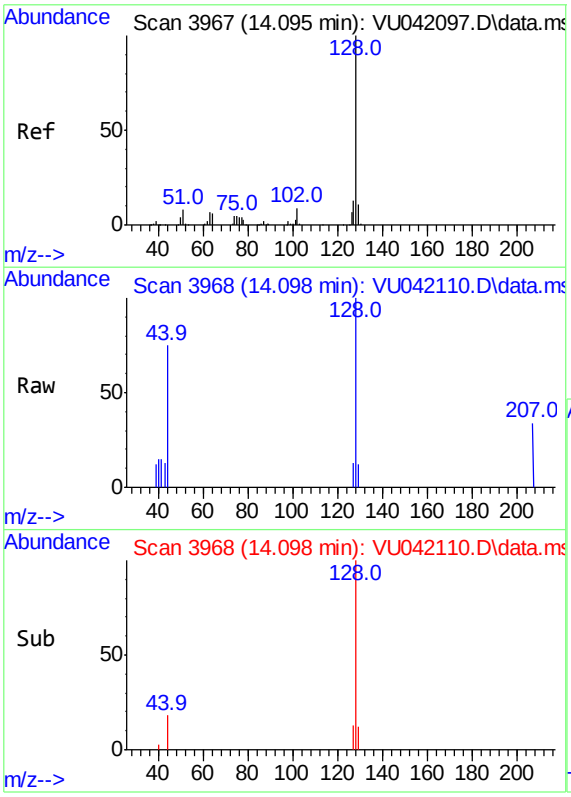


#59
1,2,3-Trichloropropane
Concen: 1.03 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion: 75 Resp: 6769

Ion	Ratio	Lower	Upper
75	100		
77	36.3	26.0	39.0





#69
Naphthalene
Concen: 0.08 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU042110.D
Acq: 20 Jan 2021 17:00

Tgt Ion:128 Resp: 1415

Ion	Ratio	Lower	Upper
128	100		
129	4.5	8.7	13.1#
127	4.5	10.6	15.8#