Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
Data File : VU043793.D
Acq On : 17 May 2021 15:24
Operator : SY/MD
Sample : M2250-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT3-2021-06

Quant Time: May 18 03:12:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 15 00:49:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	234745	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	232415	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	129013	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76681	4.43	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.60%			
7) Chloroethane-d5	1.919	69	56645	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.572	65	33165	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.40%			
20) 2-Butanone-d5	4.642	46	200975	61.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 122.14%			
24) Chloroform-d	5.073	84	136114	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.713	65	71426	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.736	84	293453	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
36) 1,2-Dichloropropane-d6	6.700	67	90550	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.906	98	244103	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.60%			
43) trans-1,3-Dichloroprop...	8.186	79	32249	4.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.40%			
46) 2-Hexanone-d5	8.642	63	151289	48.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.20%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71847	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
66) 1,2-Dichlorobenzene-d4	12.198	152	104919	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	55169	2.77	ug/L	96
16) Methylene chloride	3.054	84	25987	1.13	ug/L	86
19) 1,1-Dichloroethane	3.880	63	77002	2.62	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	102264	5.98	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	135852	5.61	ug/L	98
30) Cyclohexane	5.398	56	73836	2.75	ug/L	98
42) Toluene	7.977	91	410239	5.81	ug/L	99
51) Chlorobenzene	9.453	112	110644	2.51	ug/L	99
52) Ethylbenzene	9.578	91	86549	1.20	ug/L	96
53) m,p-Xylene	9.700	106	58704	2.14	ug/L	96
54) o-Xylene	10.108	106	28082	1.07	ug/L	95
60) Isopropylbenzene	10.491	105	27074	0.38	ug/L	99
62) 1,3,5-Trimethylbenzene	11.096	105	83150	1.46	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	391645	6.71	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	22458	0.62	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	40695	1.11	ug/L	95
67) 1,2-Dichlorobenzene	12.221	146	13413	0.38	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	6267	0.26	ug/L	96
72) 1,2,3-Trichlorobenzene	14.337	180	2085	0.09	ug/L	96

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051721\
Data File : VU043793.D
Acq On : 17 May 2021 15:24
Operator : SY/MD
Sample : M2250-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

Quant Time: May 18 03:12:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 15 00:49:19 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\VU051721\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
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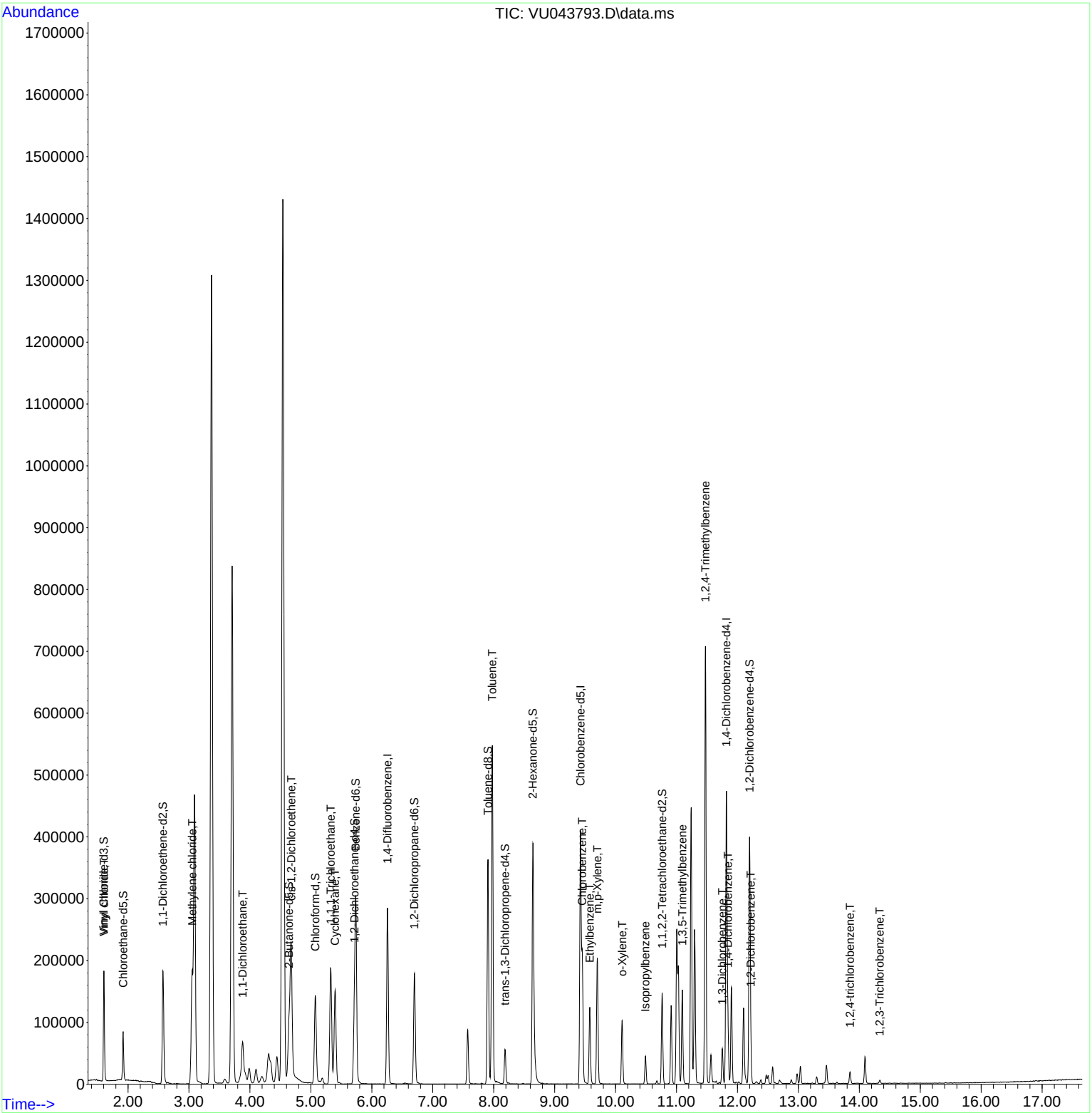
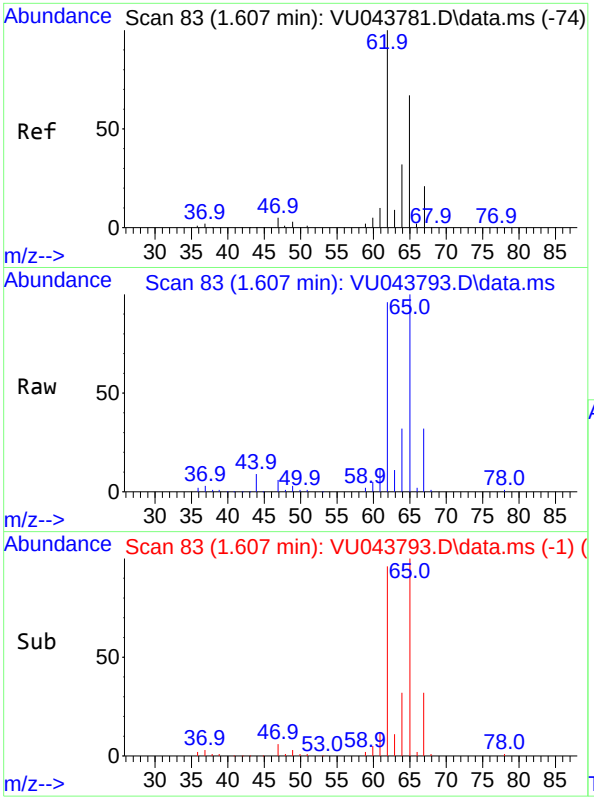


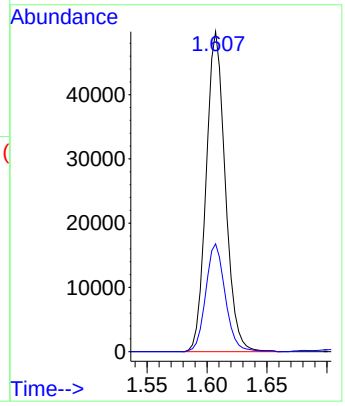
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

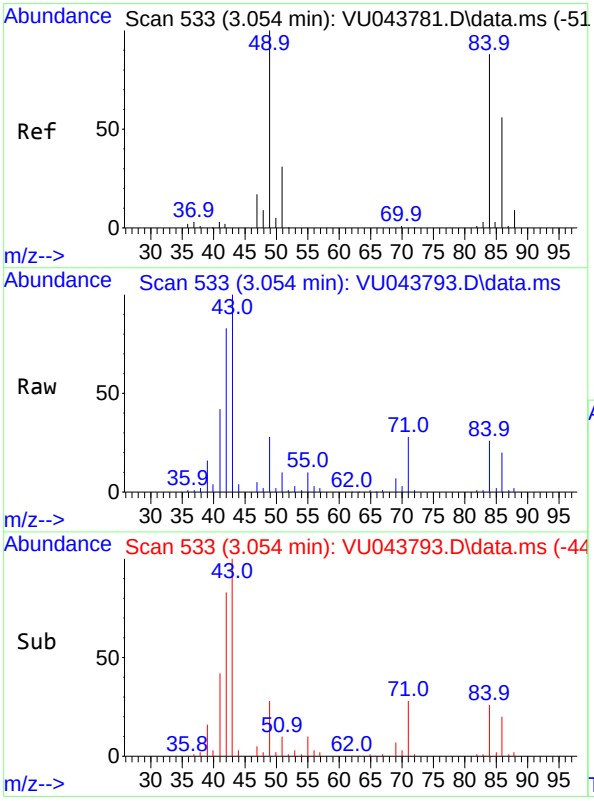


#5
Vinyl chloride
Concen: 2.77 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion: 62 Resp: 55169

Ion	Ratio	Lower	Upper
62	100		
64	33.7	22.1	41.1

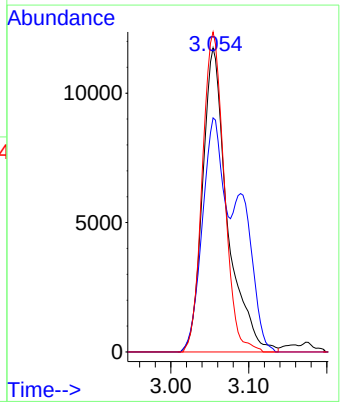




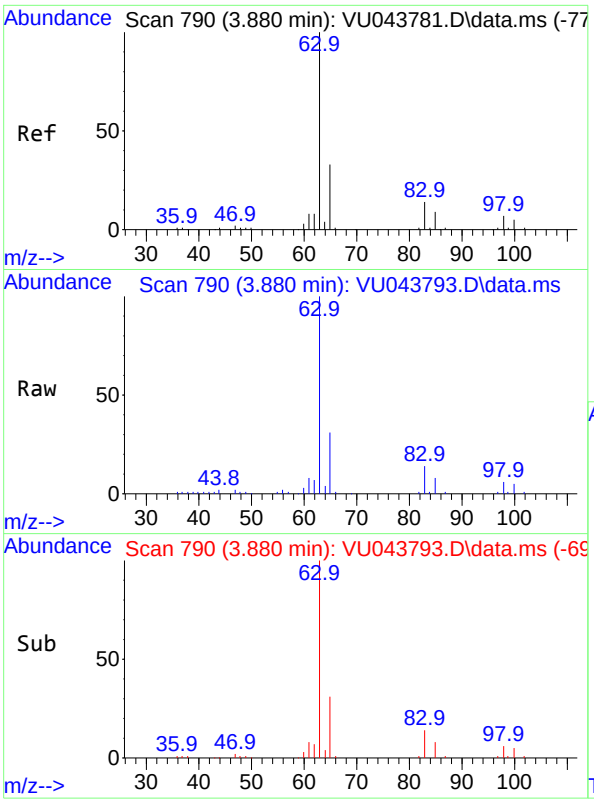
#16
Methylene chloride
Concen: 1.13 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion: 84 Resp: 25987

Ion	Ratio	Lower	Upper
84	100		
86	77.0	44.7	82.9
49	105.3	83.1	154.3



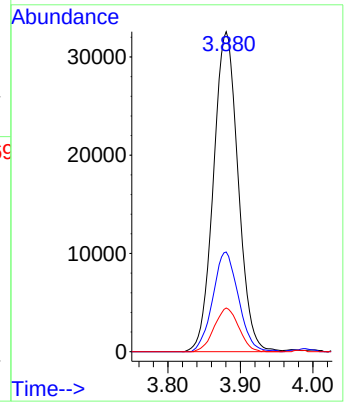
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

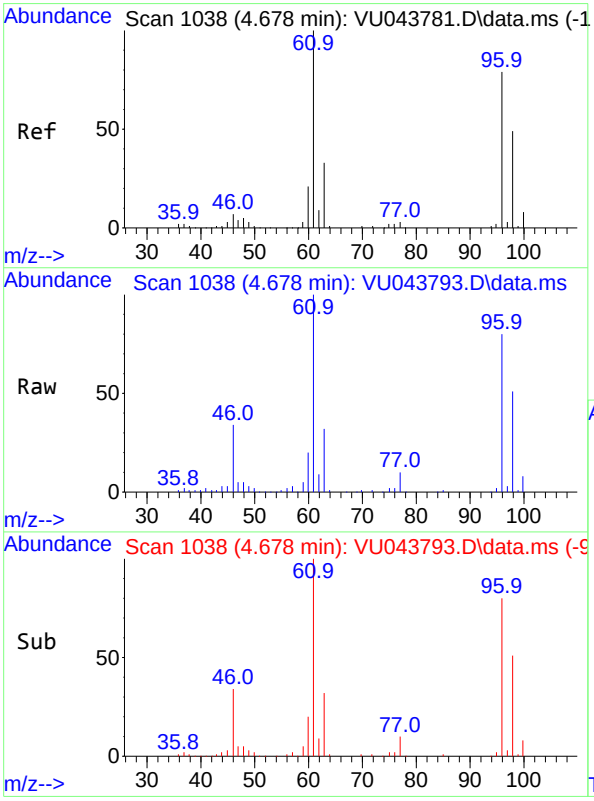


#19
1,1-Dichloroethane
Concen: 2.62 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion: 63 Resp: 77002

Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.3	41.3
83	13.6	9.0	16.8

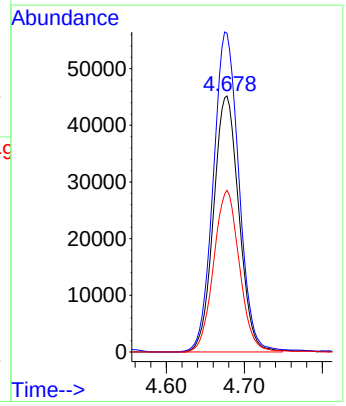




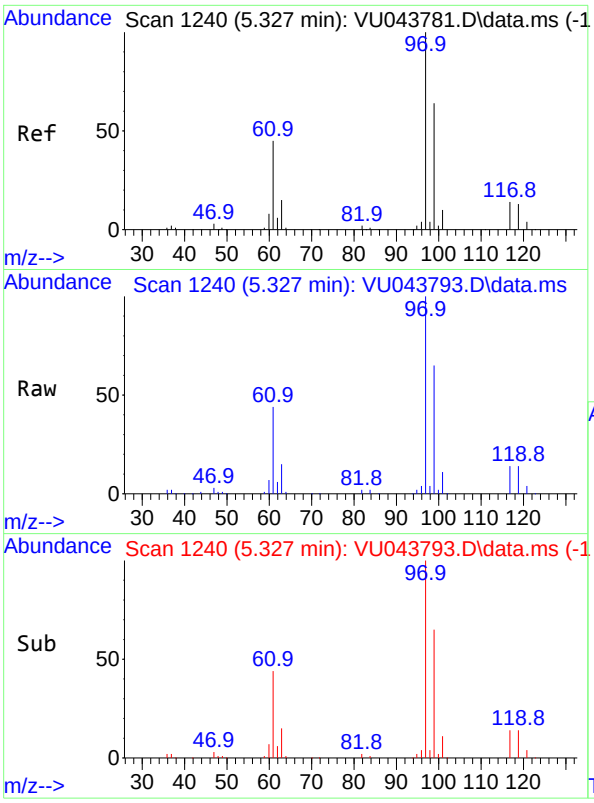
#22
cis-1,2-Dichloroethene
Concen: 5.98 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion: 96 Resp: 102264

Ion	Ratio	Lower	Upper
96	100		
61	124.5	89.0	165.4
98	63.1	44.9	83.3



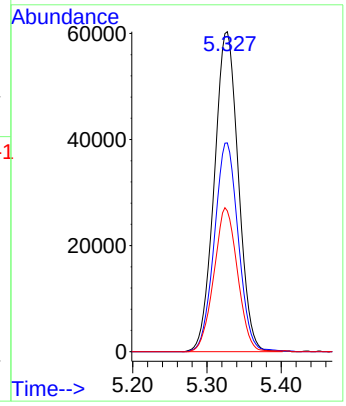
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

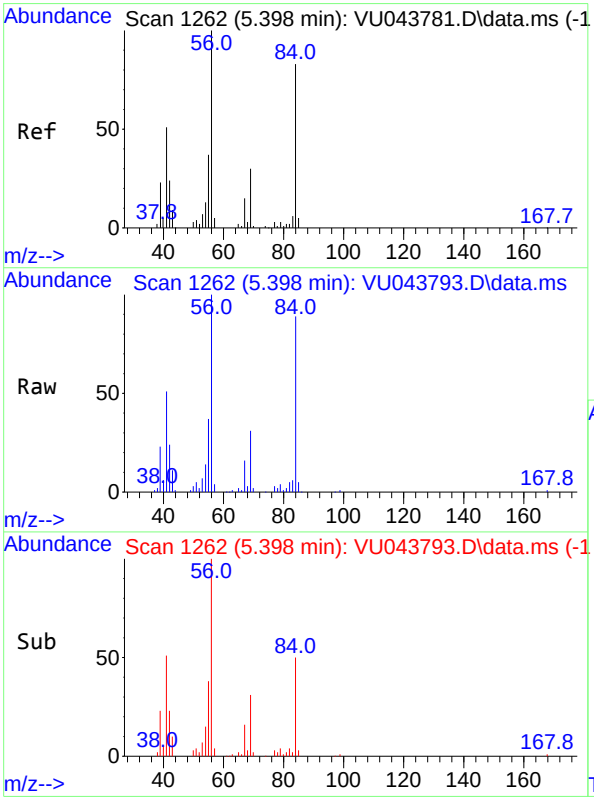


#29
1,1,1-Trichloroethane
Concen: 5.61 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion: 97 Resp: 135852

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.1	76.7
61	44.2	37.0	55.4

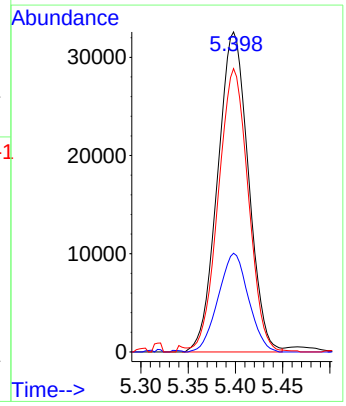


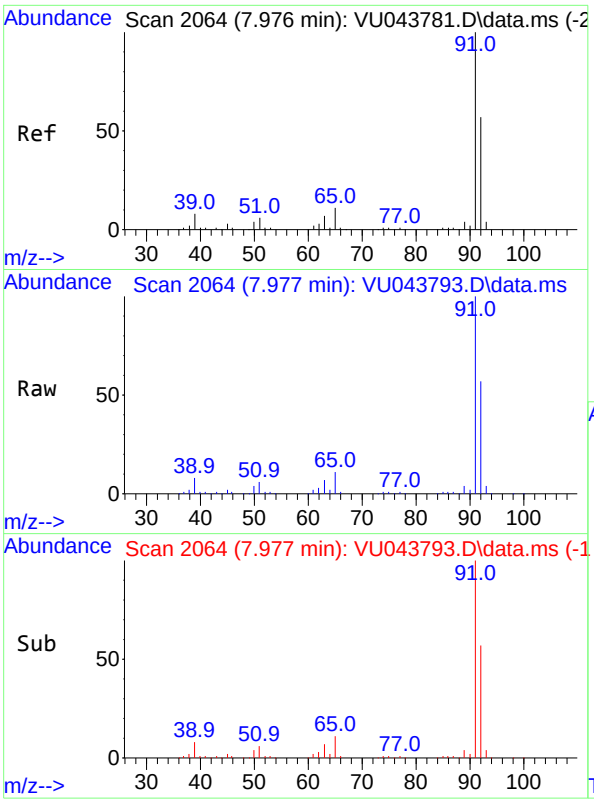


#30
Cyclohexane
Concen: 2.75 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion: 56 Resp: 73836

Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.8	37.2
84	86.2	66.8	100.2

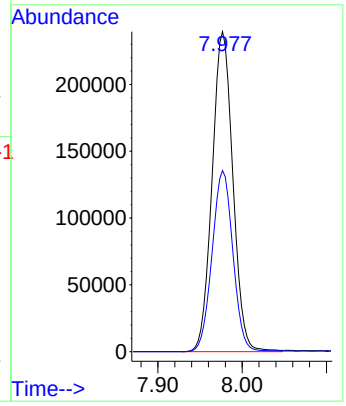




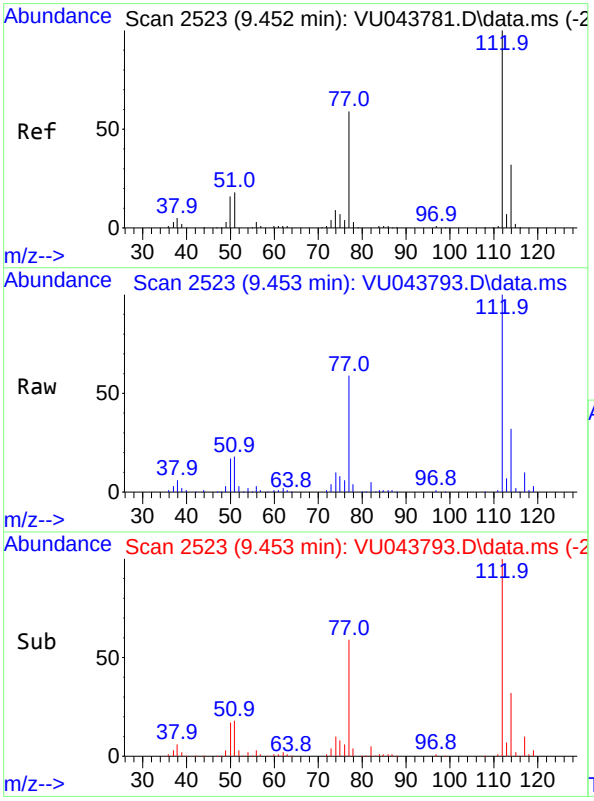
#42
Toluene
Concen: 5.81 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion: 91 Resp: 410239

Ion	Ratio	Lower	Upper
91	100		
92	56.6	40.3	74.8



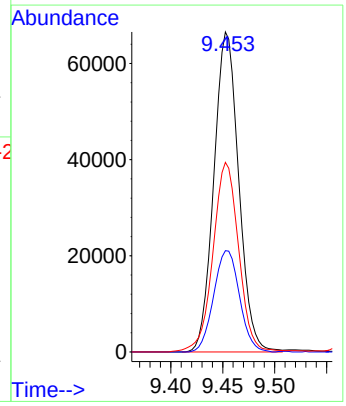
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06



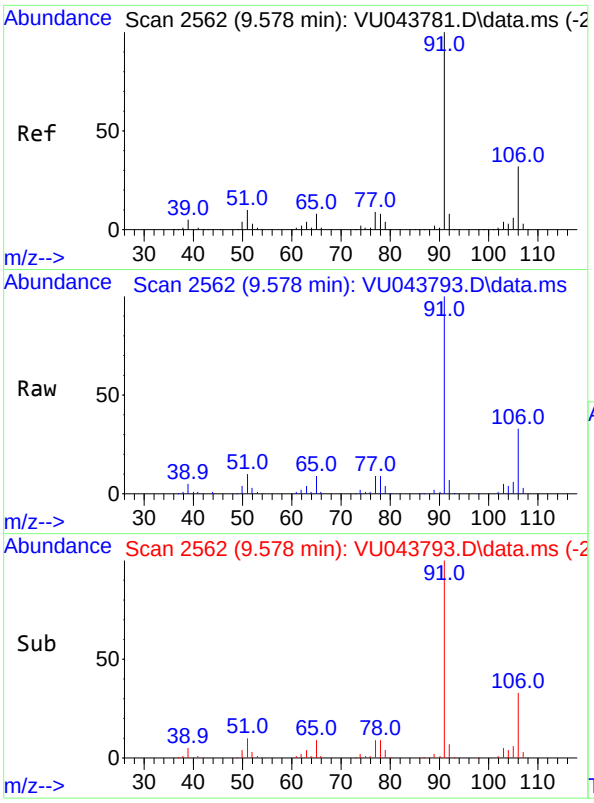
#51
Chlorobenzene
Concen: 2.51 ug/L
RT: 9.453 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:112 Resp: 110644

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.5
77	59.3	47.8	71.8



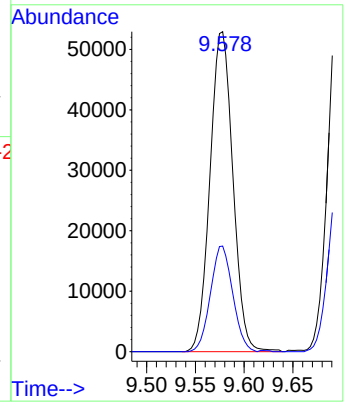
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

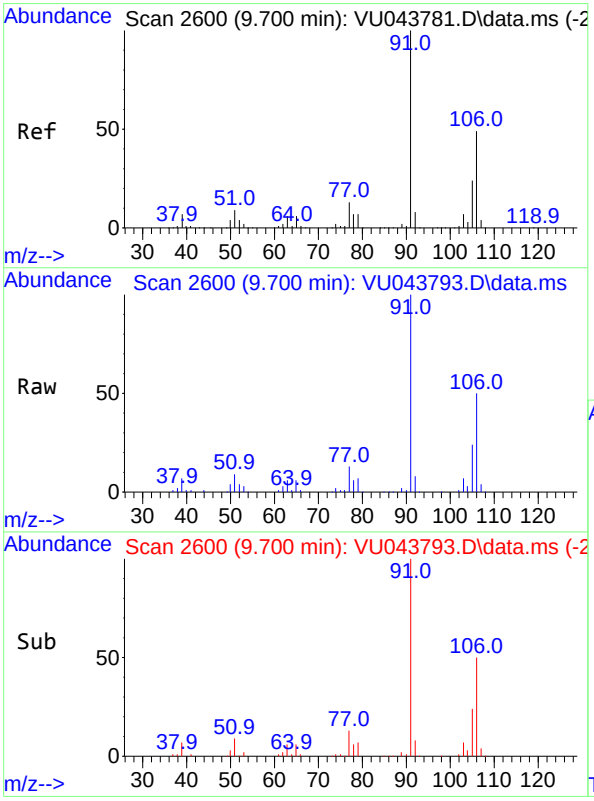


#52
Ethylbenzene
Concen: 1.20 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion: 91 Resp: 86549

Ion	Ratio	Lower	Upper
91	100		
106	33.0	21.7	40.3

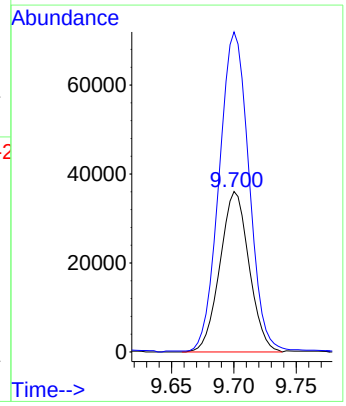




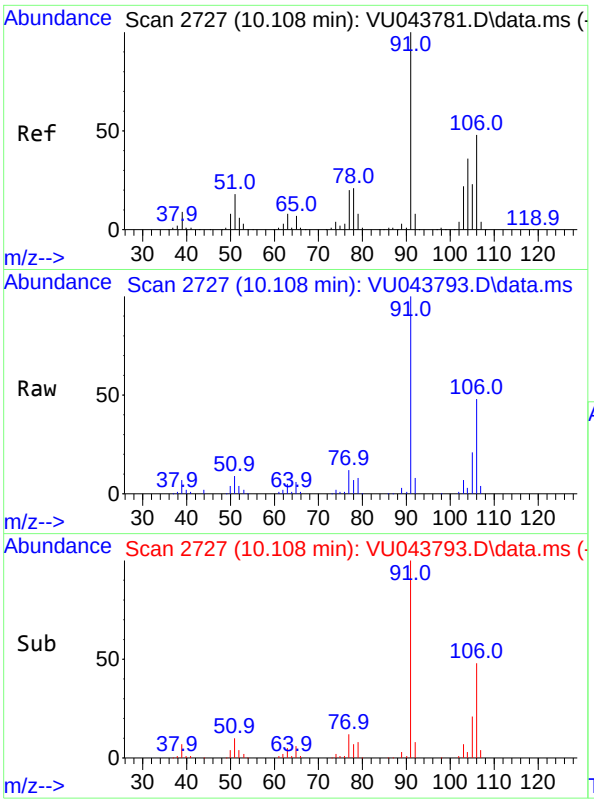
#53
m,p-Xylene
Concen: 2.14 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:106 Resp: 58704

Ion	Ratio	Lower	Upper
106	100		
91	199.4	144.4	268.2



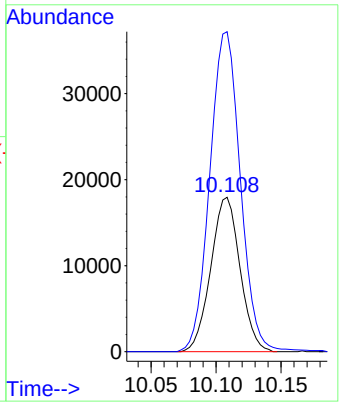
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

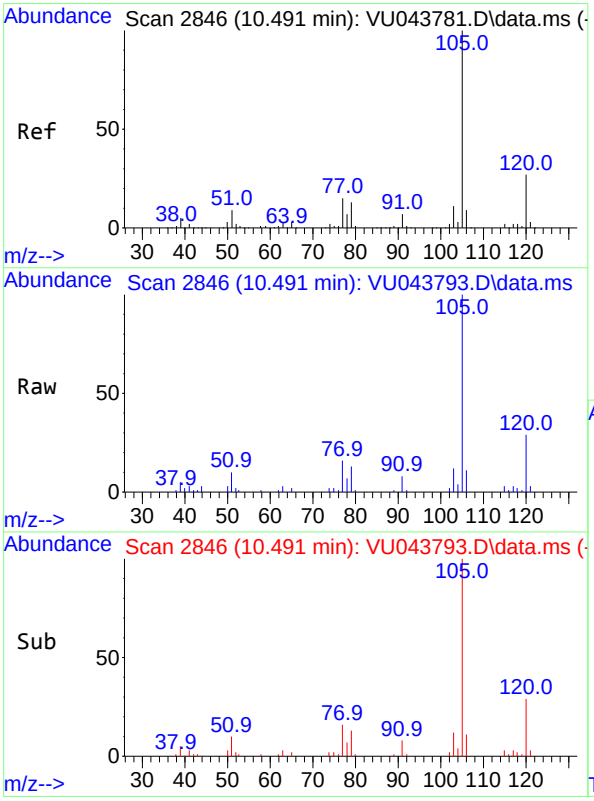


#54
o-Xylene
Concen: 1.07 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:106 Resp: 28082

Ion	Ratio	Lower	Upper
106	100		
91	207.2	150.8	280.0

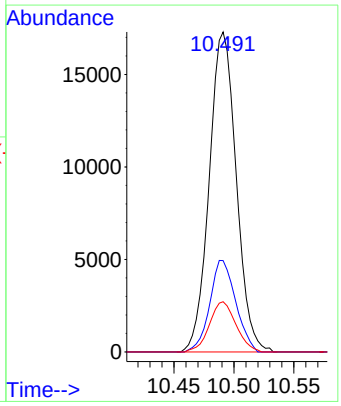


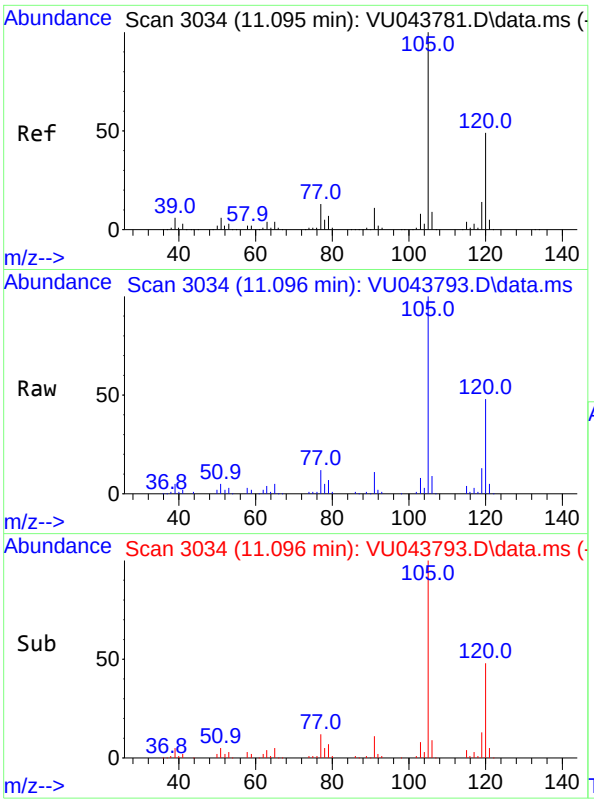


#60
Isopropylbenzene
Concen: 0.38 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:105 Resp: 27074

Ion	Ratio	Lower	Upper
105	100		
120	27.5	21.3	31.9
77	15.5	12.6	19.0

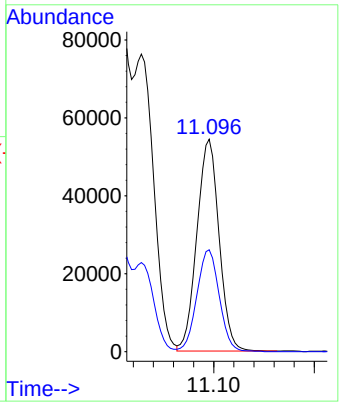




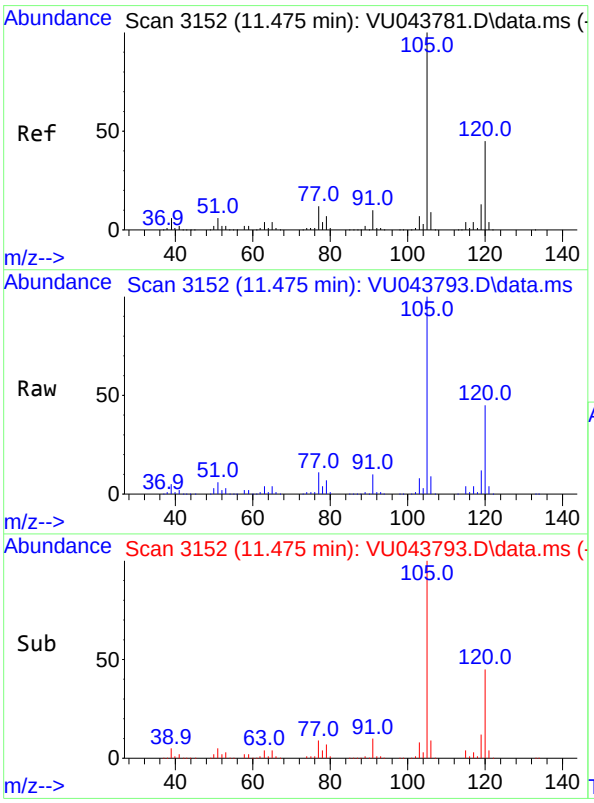
#62
1,3,5-Trimethylbenzene
Concen: 1.46 ug/L
RT: 11.096 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:105 Resp: 83150

Ion	Ratio	Lower	Upper
105	100		
120	48.8	38.9	58.3



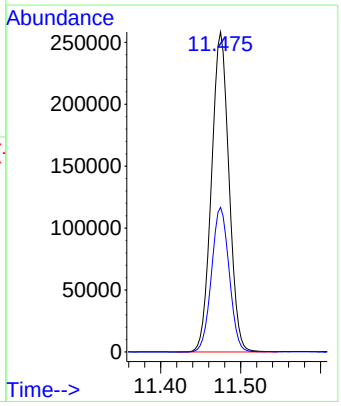
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06



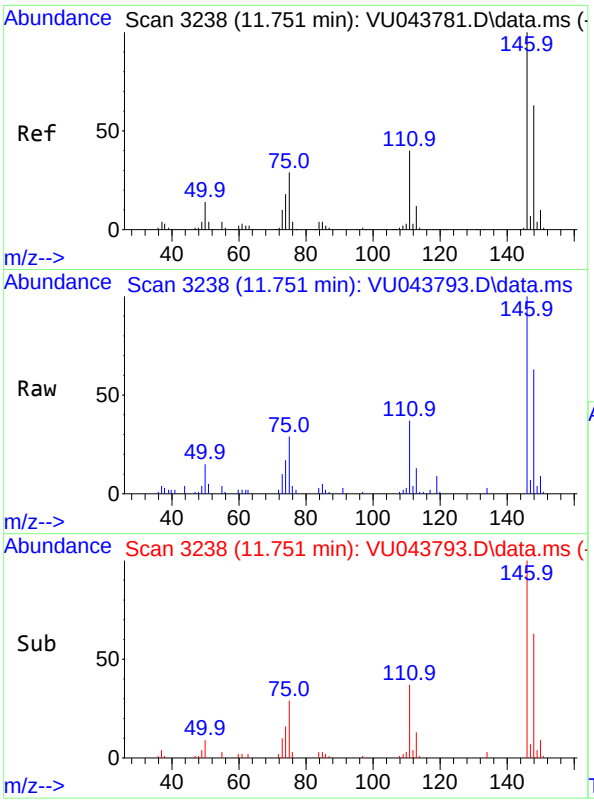
#63
1,2,4-Trimethylbenzene
Concen: 6.71 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:105 Resp: 391645

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.0	54.0



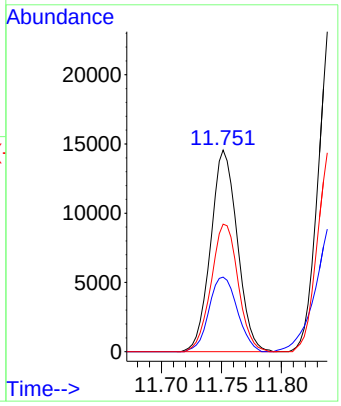
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

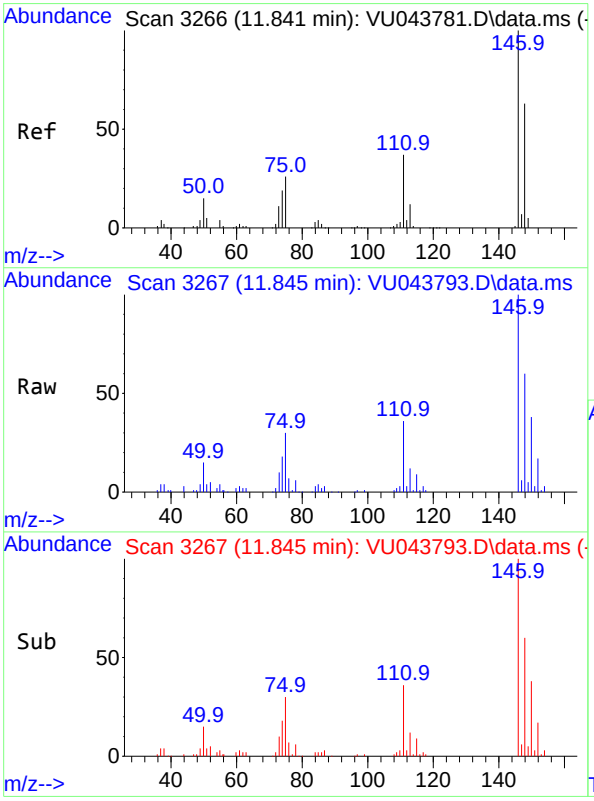


#64
1,3-Dichlorobenzene
Concen: 0.62 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:146 Resp: 22458

Ion	Ratio	Lower	Upper
146	100		
111	37.0	28.1	52.1
148	63.3	45.6	84.6

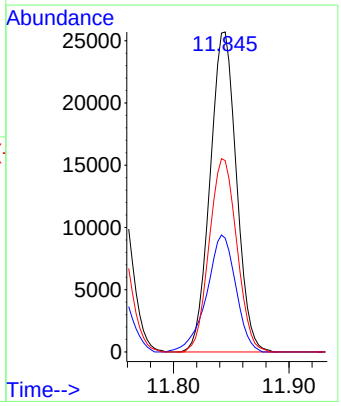




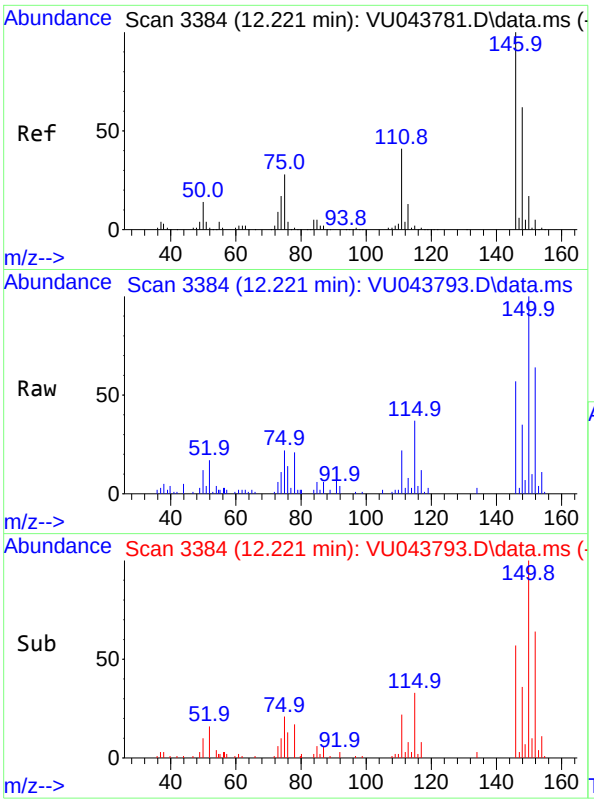
#65
1,4-Dichlorobenzene
Concen: 1.11 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:146 Resp: 40695

Ion	Ratio	Lower	Upper
146	100		
111	35.6	27.0	50.2
148	59.8	45.0	83.6



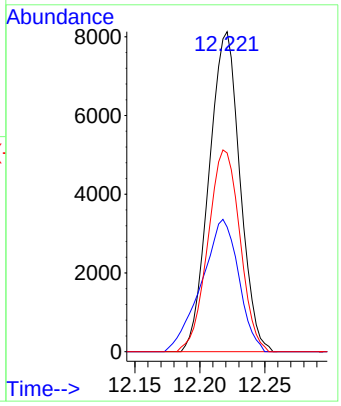
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06

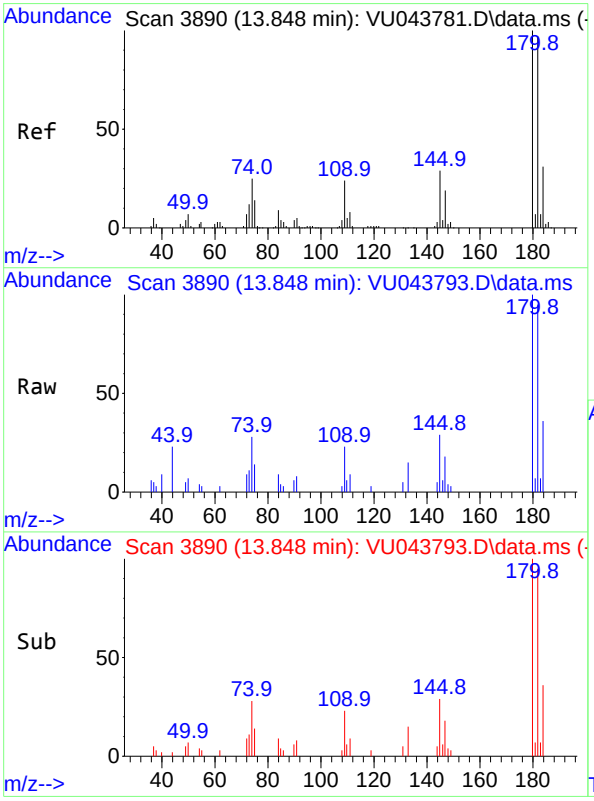


#67
1,2-Dichlorobenzene
Concen: 0.38 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:146 Resp: 13413

Ion	Ratio	Lower	Upper
146	100		
111	39.0	33.6	50.4
148	62.1	50.2	75.2

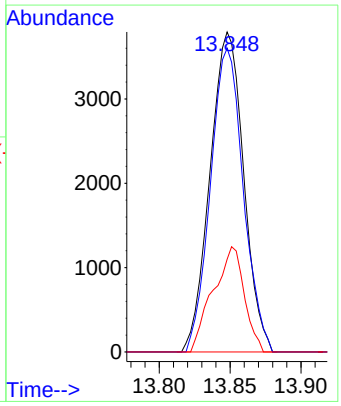


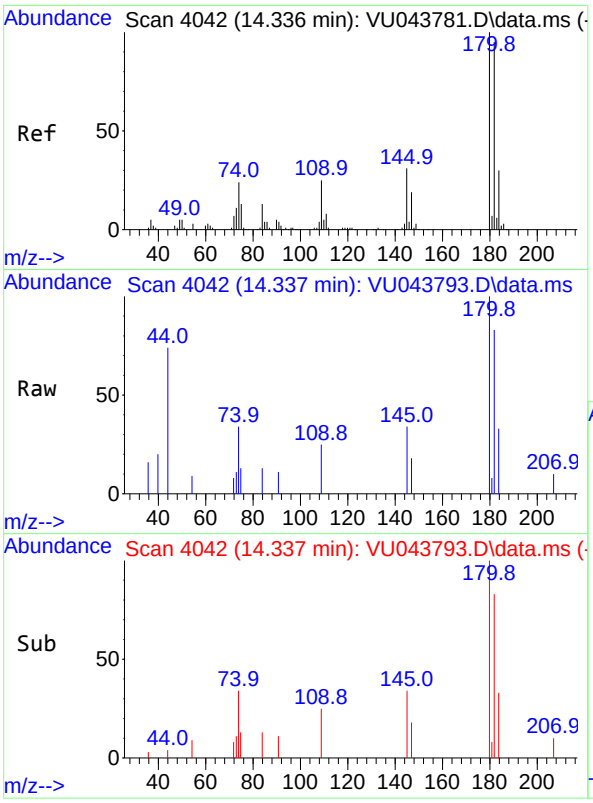


#70
1,2,4-trichlorobenzene
Concen: 0.26 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:180 Resp: 6267

Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.9	115.3
145	30.4	23.0	34.4

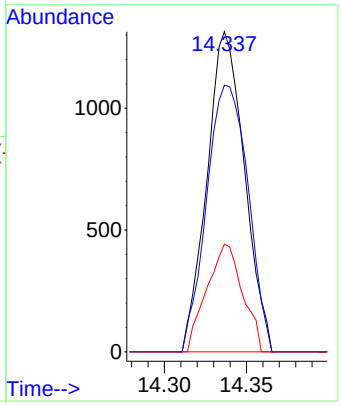




#72
1,2,3-Trichlorobenzene
Concen: 0.09 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043793.D
Acq: 17 May 2021 15:24

Tgt Ion:180 Resp: 2085

Ion	Ratio	Lower	Upper
180	100		
182	92.0	77.0	115.4
145	32.1	24.6	36.8



Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2021-06