Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
Data File : VN074364.D
Acq On : 08 Sep 2022 17:52
Operator : JC\MD
Sample : N4437-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Quant Time: Sep 09 05:38:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 09 05:24:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	7.587	128	56363	30.000	ug/l		0.00
28) 1,4-Difluorobenzene	8.904	114	331569	30.000	ug/l		0.00
57) Chlorobenzene-d5	11.686	117	281245	30.000	ug/l		0.00
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.369	65	185175	31.999	ug/l		0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.667%				
60) 4-Bromofluorobenzene	12.674	95	142881	25.404	ug/l		0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.667%				
63) Toluene-d8	10.380	98	489162	30.965	ug/l		0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.233%				
Target Compounds							Qvalue
3) Chloromethane	2.263	50	3199	0.582	ug/l		98
5) Bromomethane	2.816	94	1759	0.485	ug/l		99
7) Trichlorofluoromethane	3.310	101	1990	0.299	ug/l	#	33
10) 1,1-Dichloroethene	4.116	96	797	0.212	ug/l	#	1
13) Acrolein	3.822	56	221	0.201	ug/l		85
15) Acetone	4.228	58	3281	3.913	ug/l		97
18) Methylene Chloride	5.004	84	2156	0.451	ug/l	#	54
25) Chloroform	7.739	83	11513	1.291	ug/l		86
56) Bromoform	12.669	173	1760	0.418	ug/l	#	1
59) 2-Hexanone	11.022	43	1891	0.278	ug/l	#	45
61) Tetrachloroethene	10.910	164	986	0.283	ug/l	#	26

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
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MW-2-(17)

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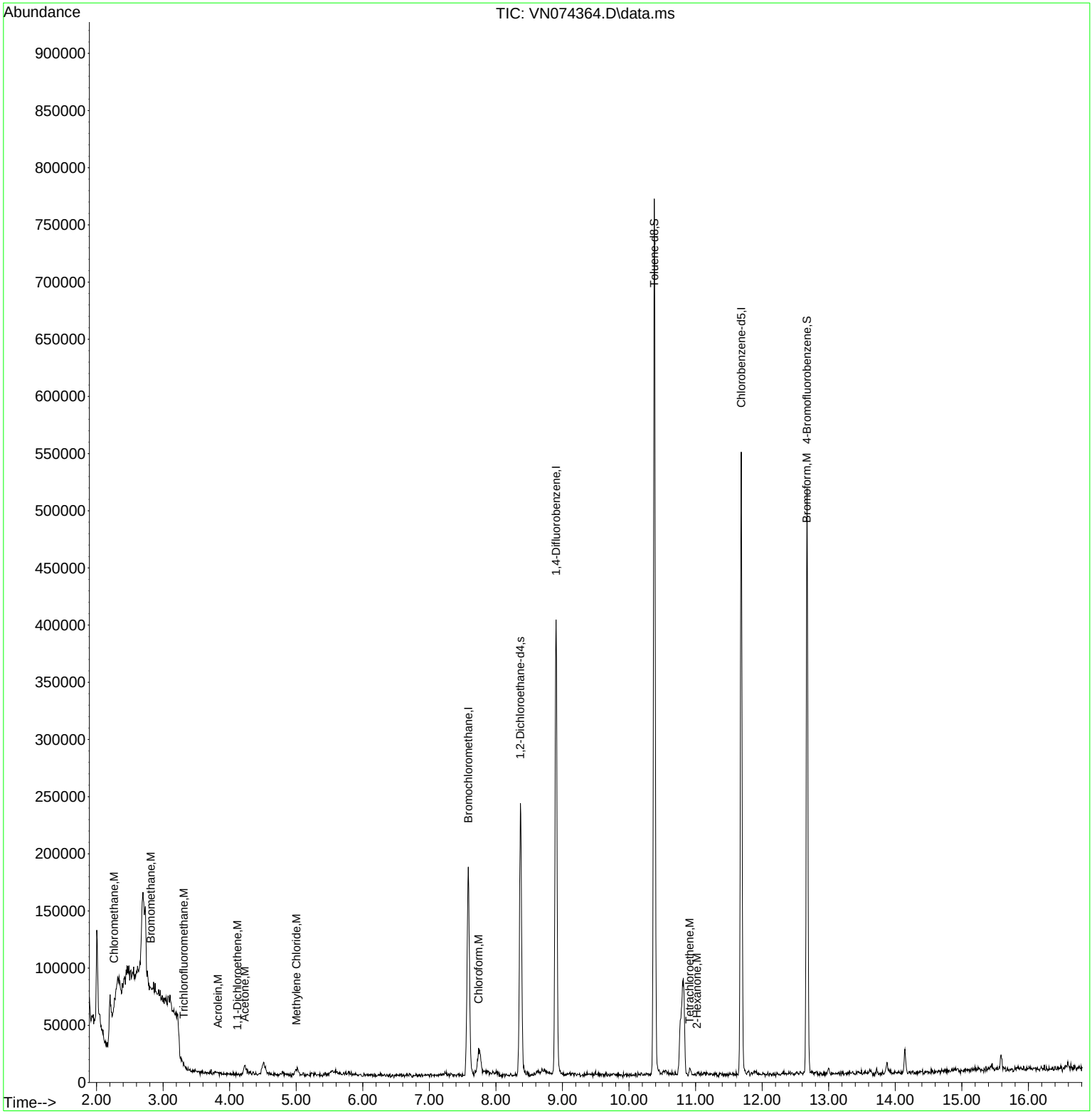
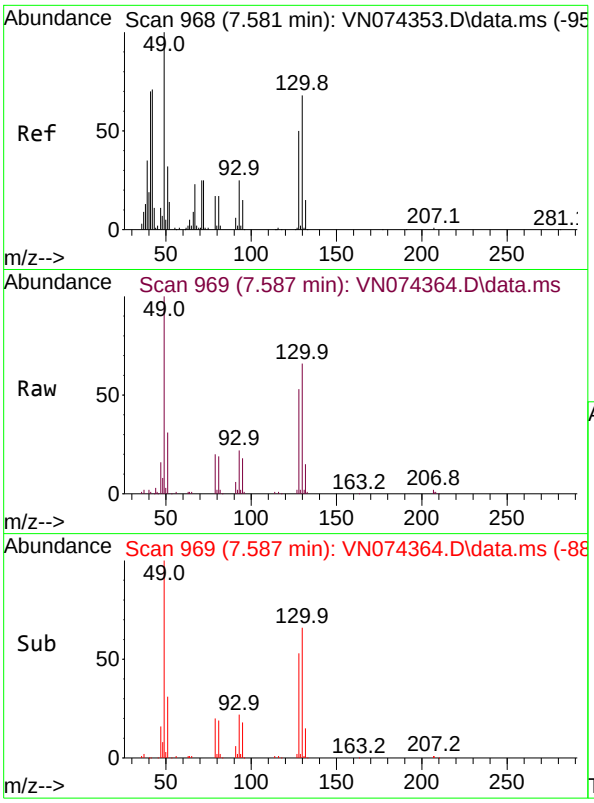


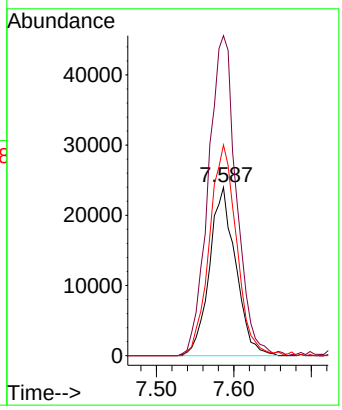


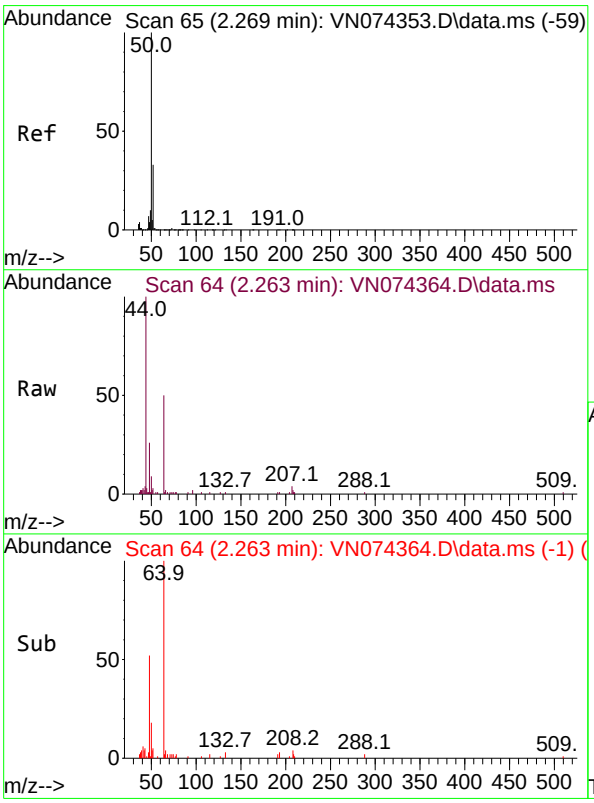
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion:128 Resp: 56363

Ion	Ratio	Lower	Upper
128	100		
49	203.1	0.0	392.3
130	129.8	0.0	320.2

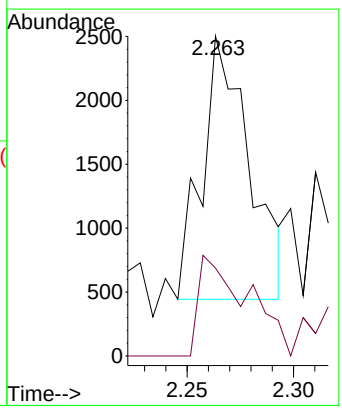


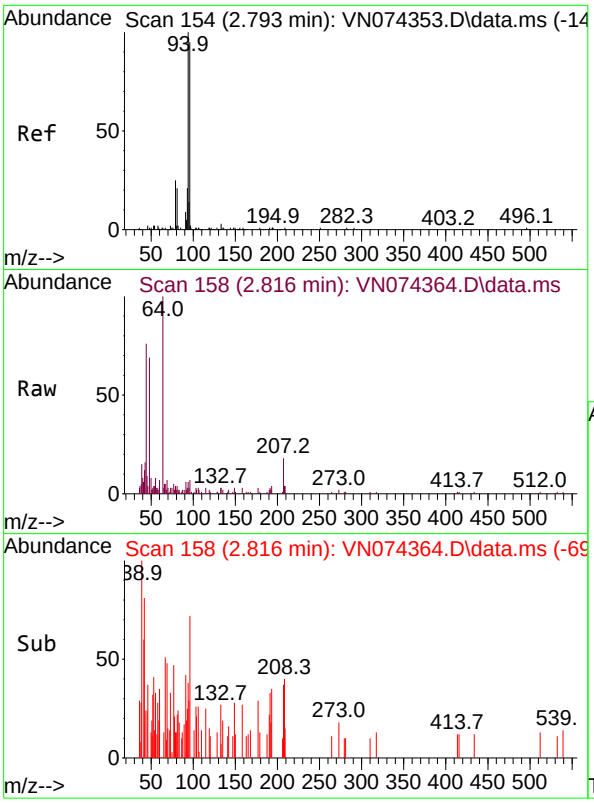


#3
Chloromethane
Concen: 0.582 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion: 50 Resp: 3199

Ion	Ratio	Lower	Upper
50	100		
52	33.3	27.8	41.6



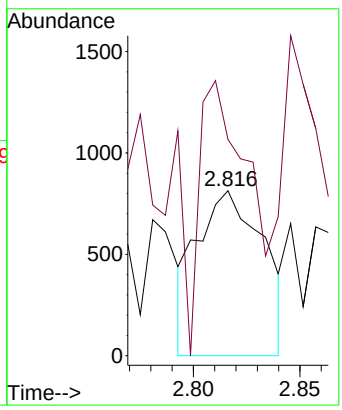


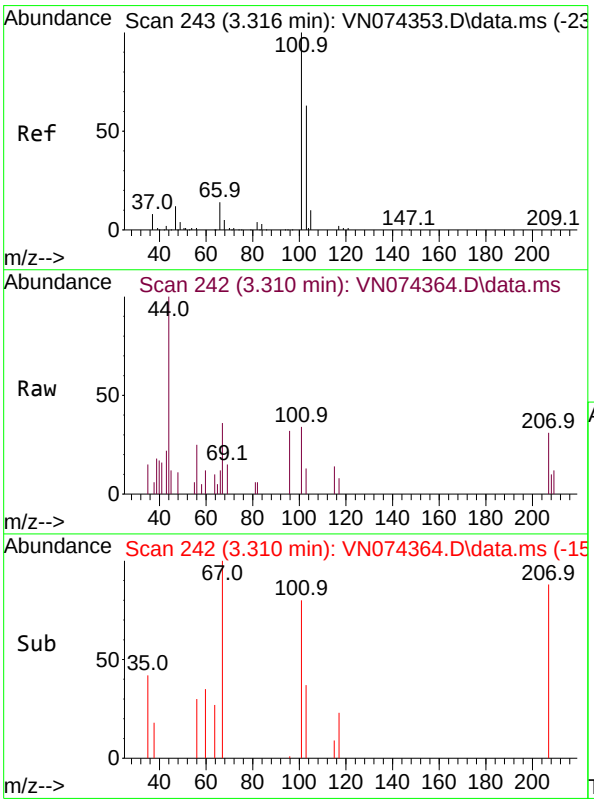
#5
Bromomethane
Concen: 0.485 ug/l
RT: 2.816 min Scan# 1
Delta R.T. 0.023 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion: 94 Resp: 1759

Ion	Ratio	Lower	Upper
94	100		
96	92.7	75.2	112.8

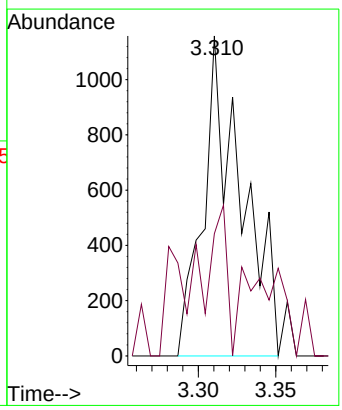


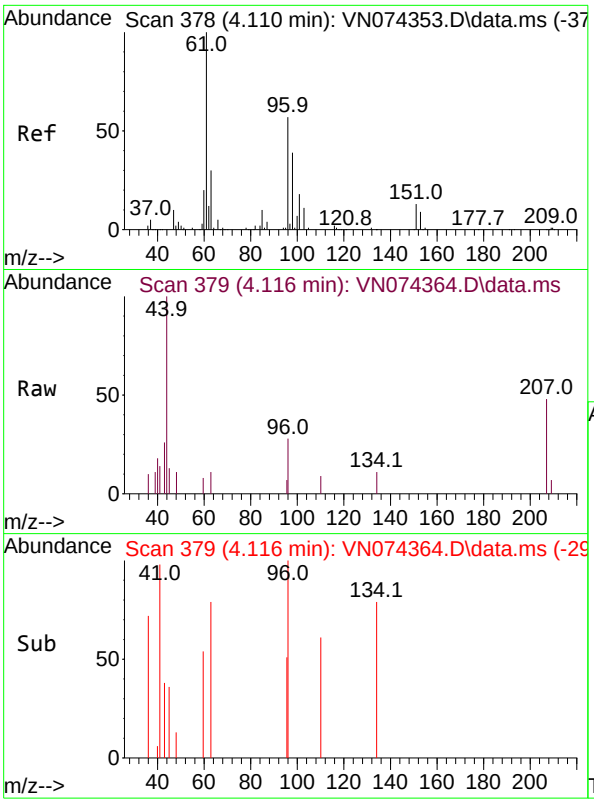


#7
Trichlorofluoromethane
Concen: 0.299 ug/l
RT: 3.310 min Scan# 242
Delta R.T. -0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion:101 Resp: 1990

Ion	Ratio	Lower	Upper
101	100		
103	10.8	50.1	75.1#



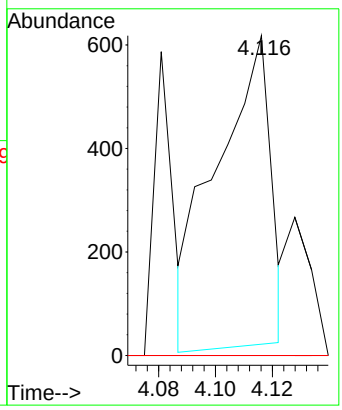


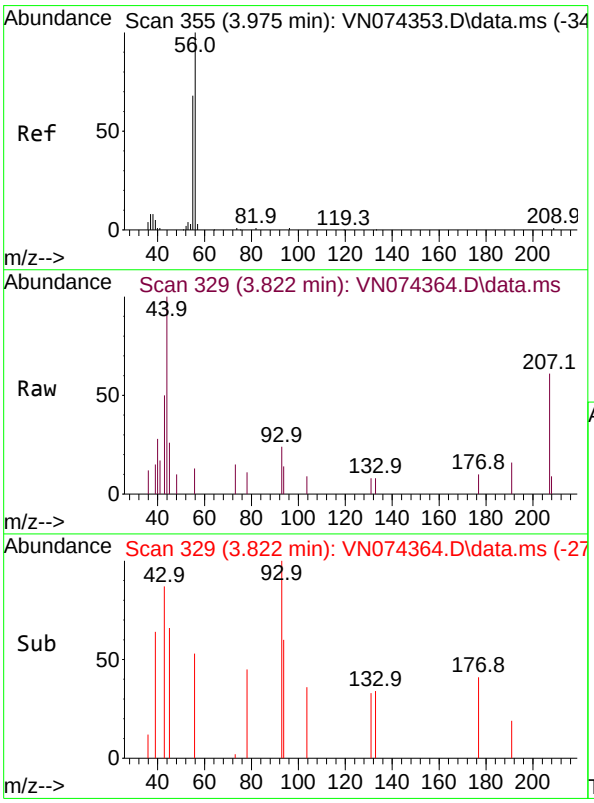
#10
1,1-Dichloroethene
Concen: 0.212 ug/l
RT: 4.116 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion: 96 Resp: 797

Ion	Ratio	Lower	Upper
96	100		
61	0.0	126.2	189.4#
98	0.0	50.9	76.3#

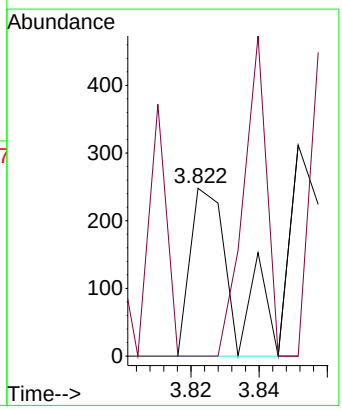


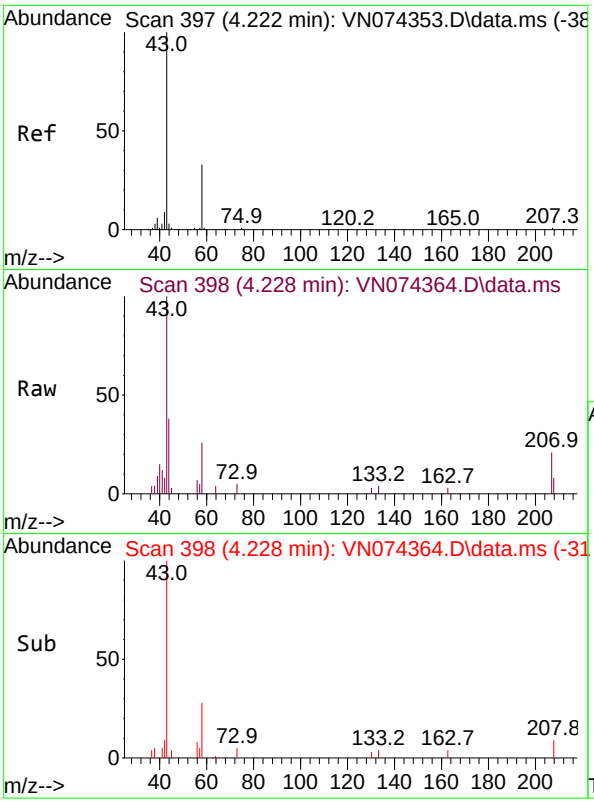


#13
Acrolein
Concen: 0.201 ug/l
RT: 3.822 min Scan# 329
Delta R.T. -0.153 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion: 56 Resp: 221

Ion	Ratio	Lower	Upper
56	100		
55	59.3	57.6	86.4



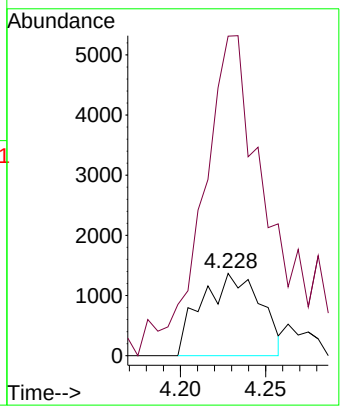


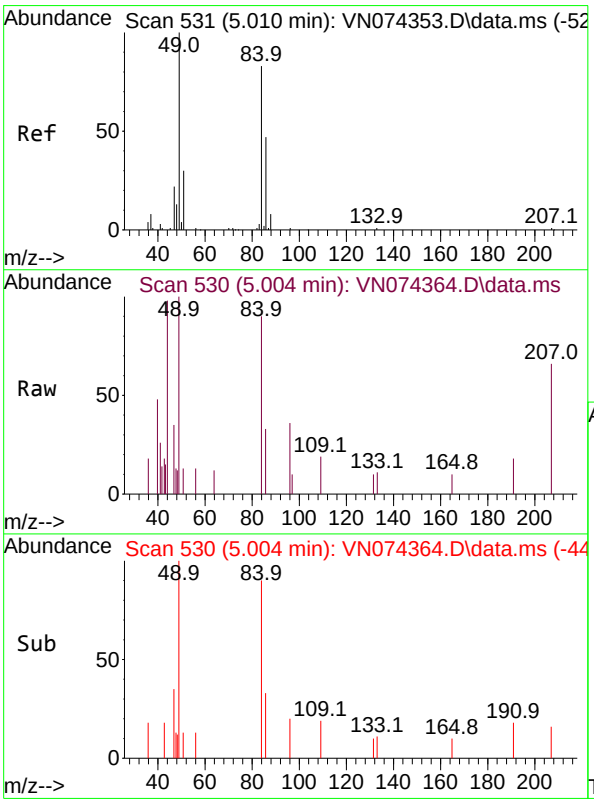
#15
Acetone
Concen: 3.913 ug/l
RT: 4.228 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion: 58 Resp: 3281

Ion	Ratio	Lower	Upper
58	100		
43	326.2	256.6	384.8

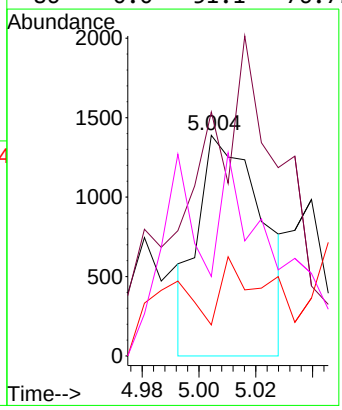


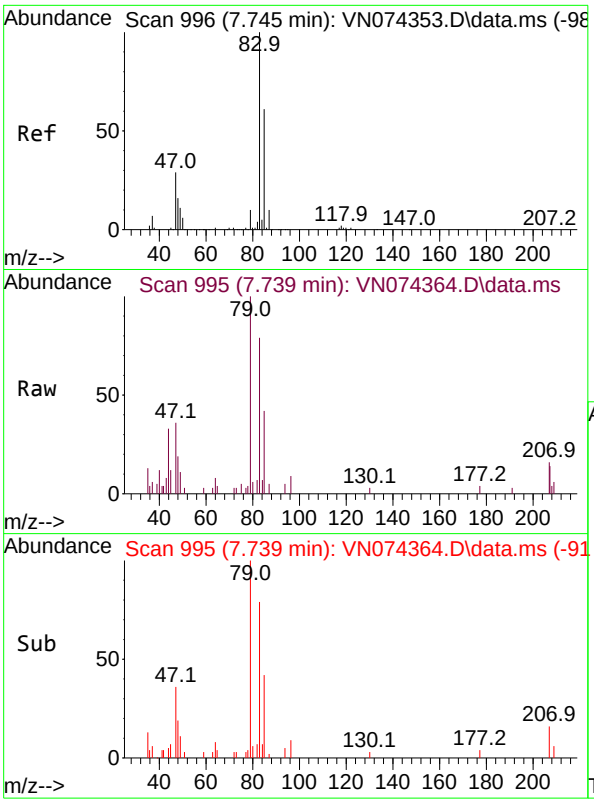


#18
Methylene Chloride
Concen: 0.451 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion: 84 Resp: 2156

Ion	Ratio	Lower	Upper
84	100		
49	92.3	91.4	137.0
51	0.0	29.4	44.0#
86	0.0	51.1	76.7#



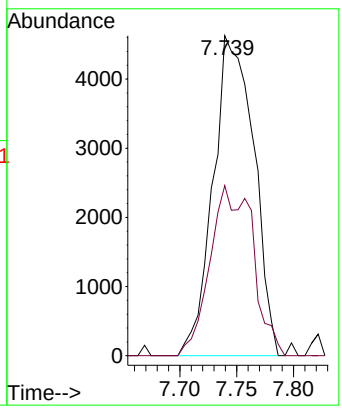


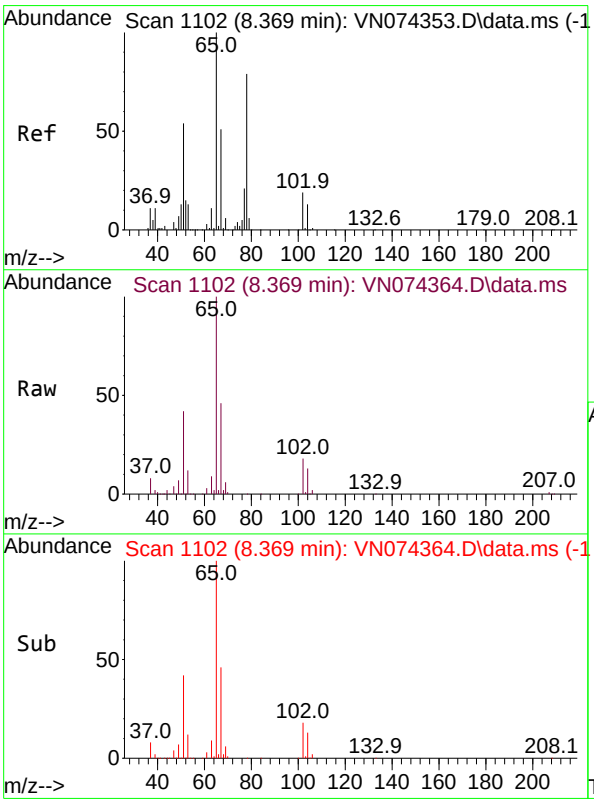
#25
Chloroform
Concen: 1.291 ug/l
RT: 7.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion: 83 Resp: 11513

Ion	Ratio	Lower	Upper
83	100		
85	53.1	51.3	76.9

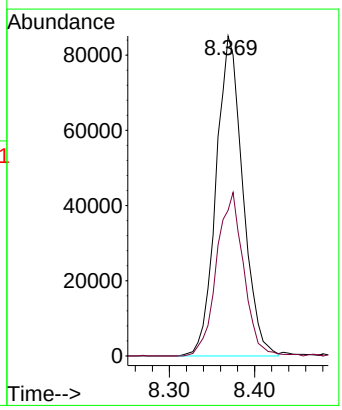


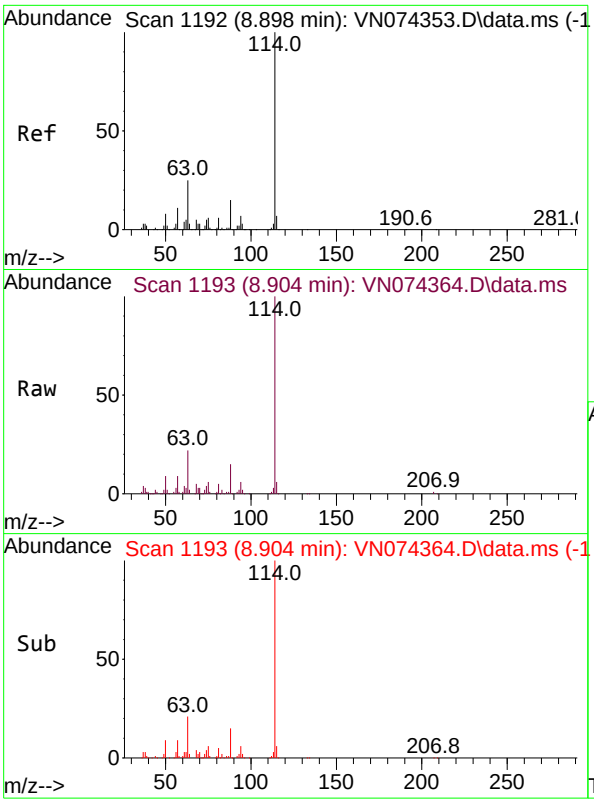


#27
1,2-Dichloroethane-d4
Concen: 31.999 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion: 65 Resp: 185175

Ion	Ratio	Lower	Upper
65	100		
67	51.7	40.2	60.2



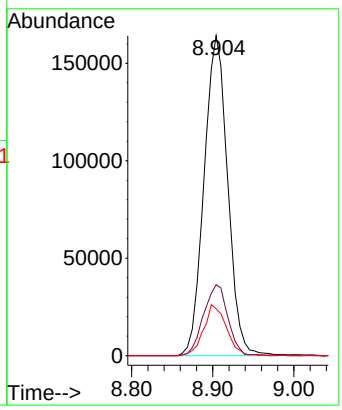


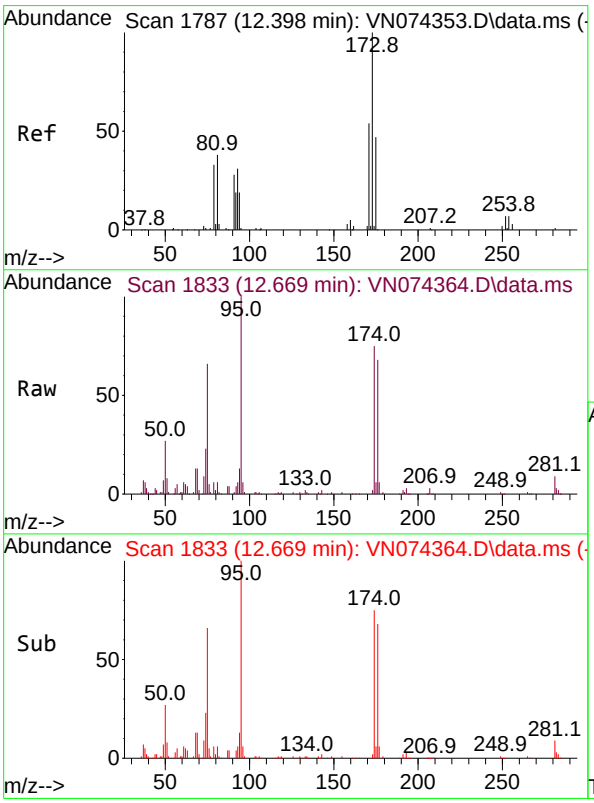
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion:114 Resp: 331569

Ion	Ratio	Lower	Upper
114	100		
63	22.7	15.8	23.6
88	15.3	11.6	17.4

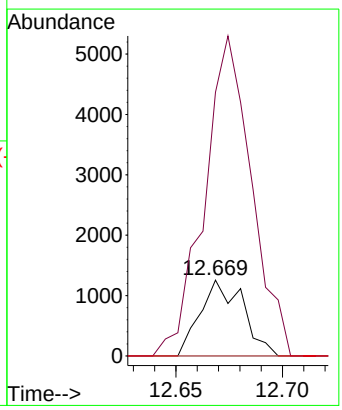


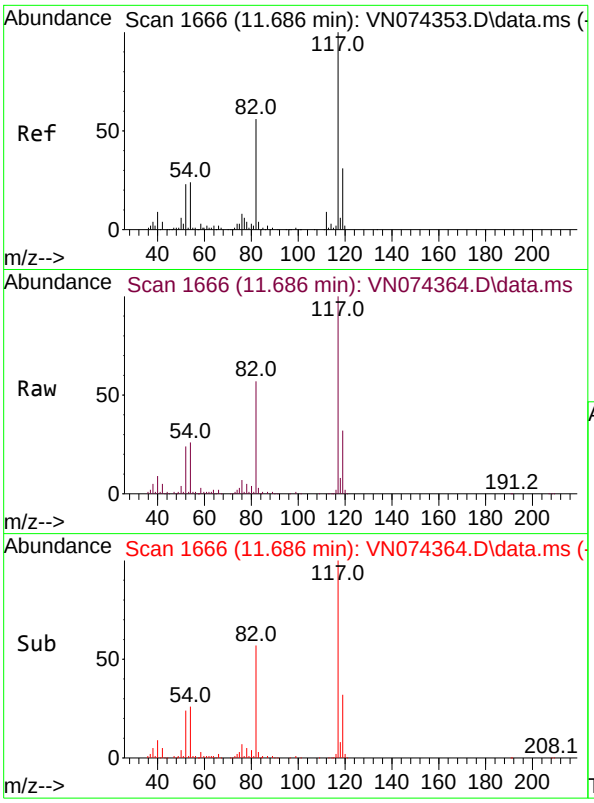


#56
Bromoform
Concen: 0.418 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion:173 Resp: 1760

Ion	Ratio	Lower	Upper
173	100		
175	465.5	38.6	58.0#
254	0.0	0.0	0.0



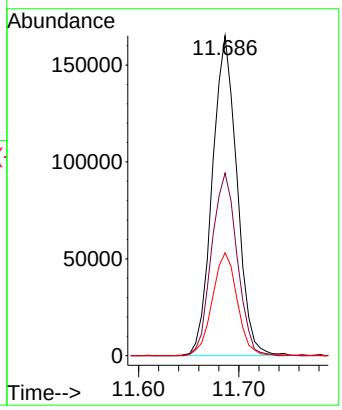


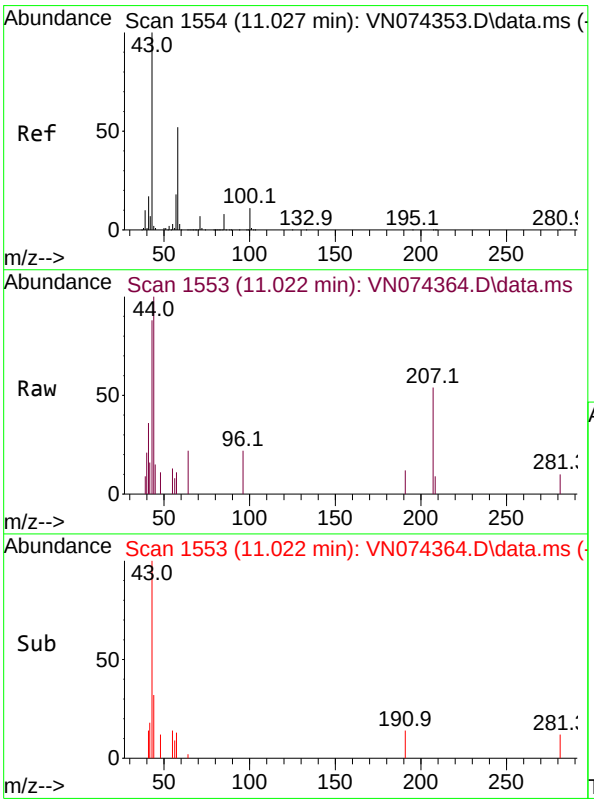
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion:117 Resp: 281245

Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.6	65.4
119	32.3	25.8	38.6

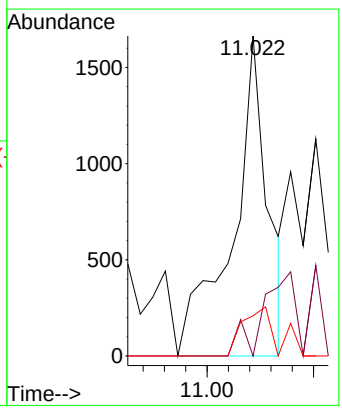


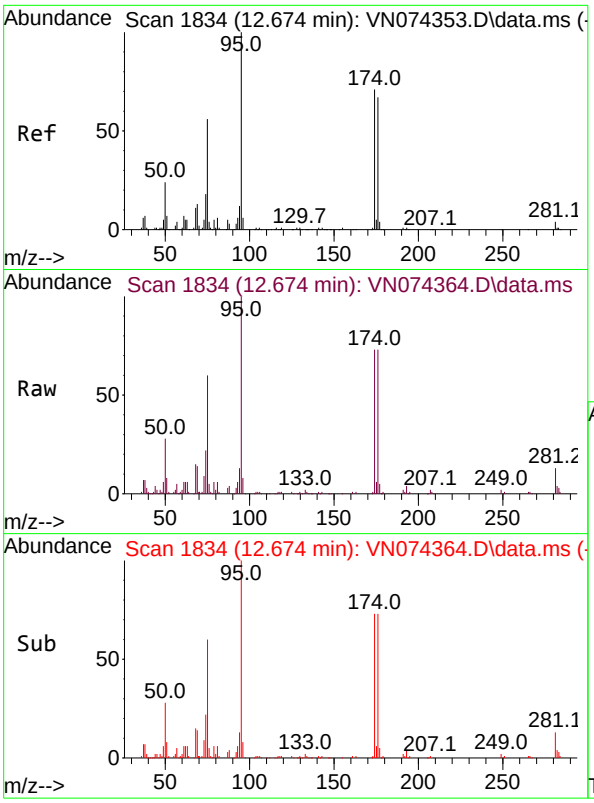


#59
2-Hexanone
Concen: 0.278 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion: 43 Resp: 1891

Ion	Ratio	Lower	Upper
43	100		
58	3.5	42.2	63.2#
57	12.0	15.0	22.4#



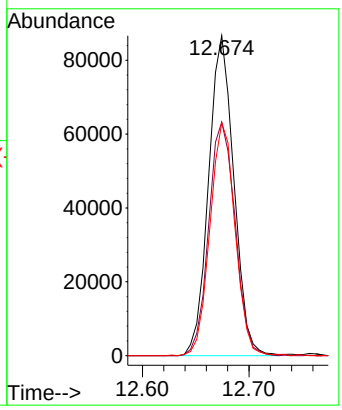


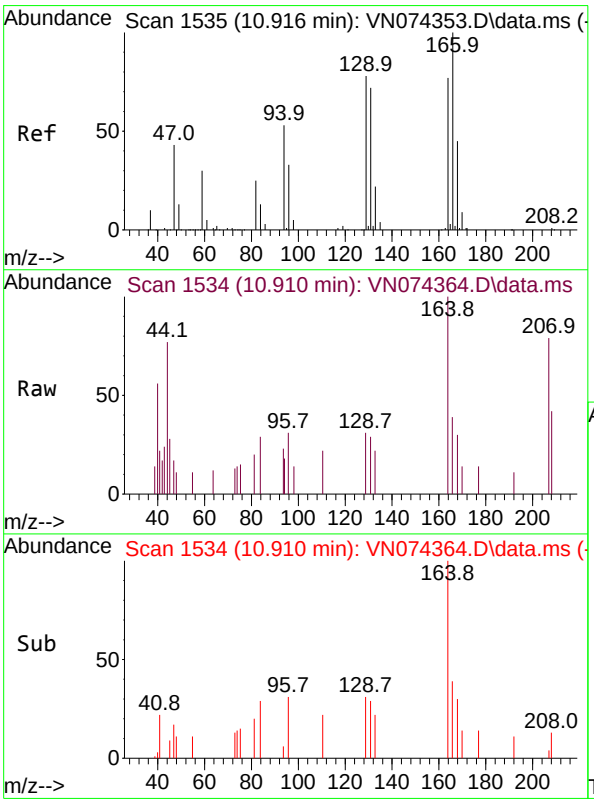
#60
4-Bromofluorobenzene
Concen: 25.404 ug/l
RT: 12.674 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion: 95 Resp: 142881

Ion	Ratio	Lower	Upper
95	100		
174	76.2	62.9	94.3
176	72.2	61.0	91.4

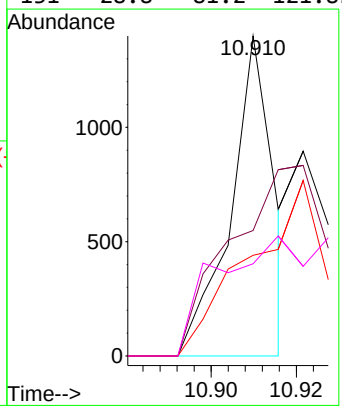


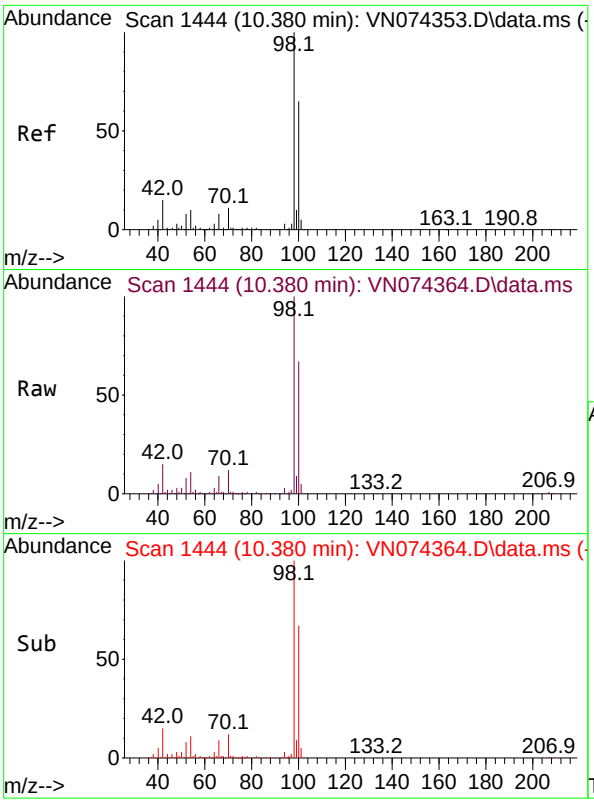


#61
Tetrachloroethene
Concen: 0.283 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Tgt Ion:164 Resp: 986

Ion	Ratio	Lower	Upper
164	100		
166	39.2	105.8	158.8#
129	31.4	82.5	123.7#
131	28.8	81.2	121.8#





#63
Toluene-d8
Concen: 30.965 ug/l
RT: 10.380 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074364.D
Acq: 08 Sep 2022 17:52

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(17)

Tgt Ion: 98 Resp: 489162

Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.6	76.0