Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
Data File : VN074363.D
Acq On : 08 Sep 2022 17:27
Operator : JC\MD
Sample : N4452-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 09 05:38:04 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

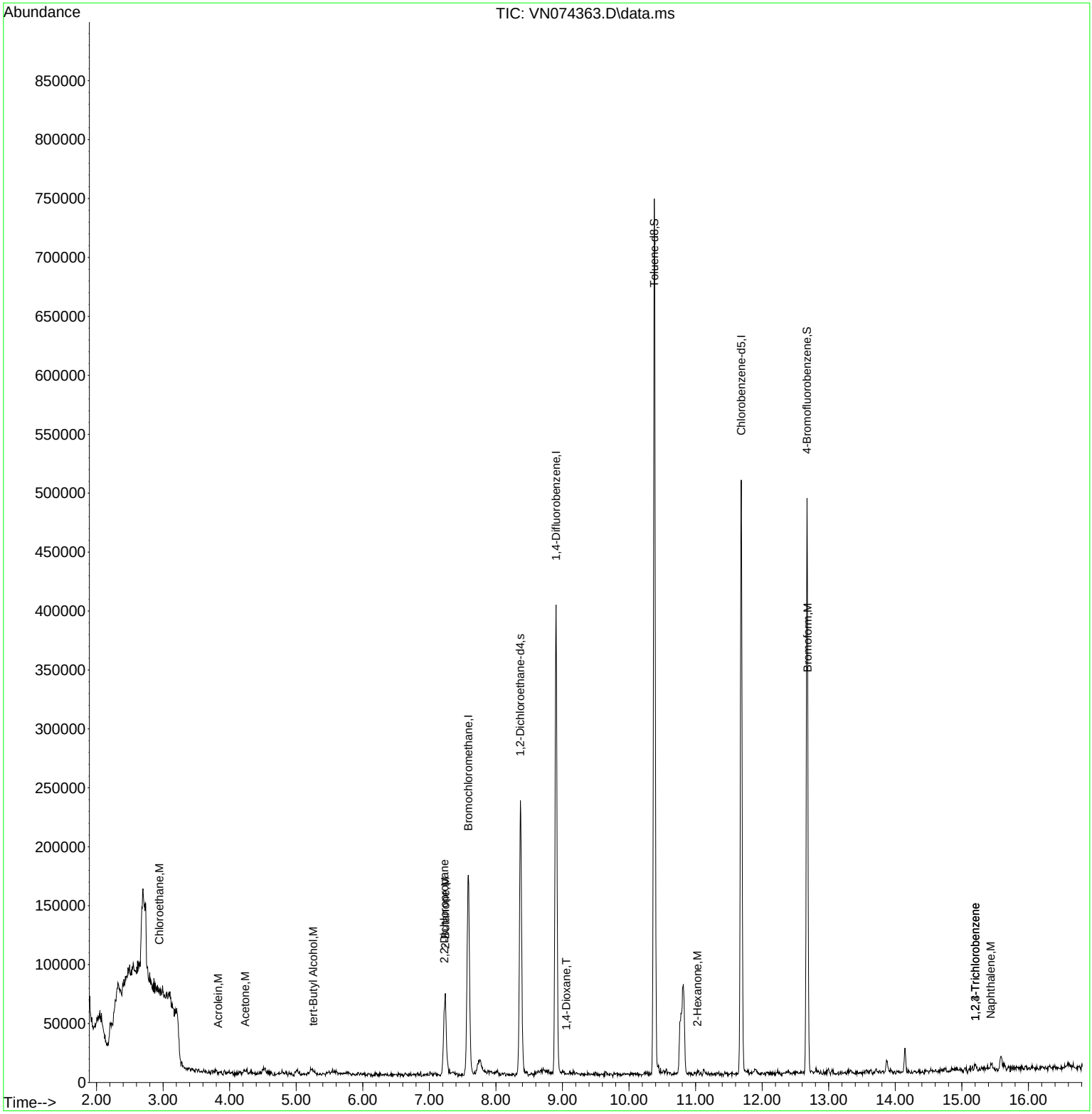
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.587	128	54101	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	320369	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	264261	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	180184	32.439	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.133%			
60) 4-Bromofluorobenzene	12.674	95	140843	26.651	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 88.833%			
63) Toluene-d8	10.380	98	482797	32.526	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 108.433%			
Target Compounds						Qvalue
6) Chloroethane	2.946	64	2381	0.622	ug/l #	53
13) Acrolein	3.828	56	244	0.231	ug/l	85
15) Acetone	4.234	58	542	0.673	ug/l #	1
23) tert-Butyl Alcohol	5.257	59	1353	1.029	ug/l #	100
30) 2-Butanone	7.239	43	989	0.219	ug/l #	67
31) 2,2-Dichloropropane	7.228	77	2972	0.381	ug/l #	53
45) 1,4-Dioxane	9.057	88	186	1.413	ug/l #	1
56) Bromoform	12.686	173	1447	0.356	ug/l #	1
59) 2-Hexanone	11.027	43	1789	0.280	ug/l #	41
89) 1,2,4-Trichlorobenzene	15.204	180	1042	0.221	ug/l #	53
91) Naphthalene	15.433	128	3782	0.200	ug/l #	80
92) 1,2,3-Trichlorobenzene	15.204	180	1042	0.218	ug/l	54

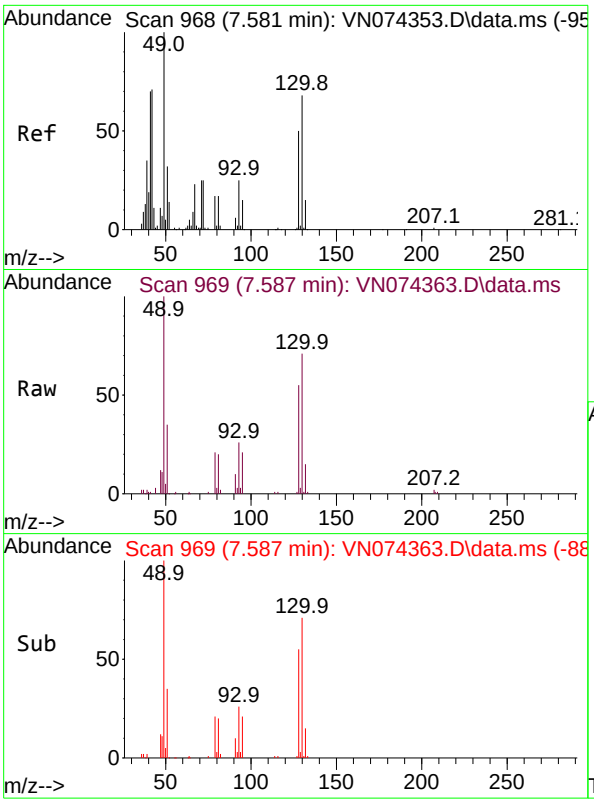
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
Data File : VN074363.D
Acq On : 08 Sep 2022 17:27
Operator : JC\MD
Sample : N4452-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 09 05:38:04 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



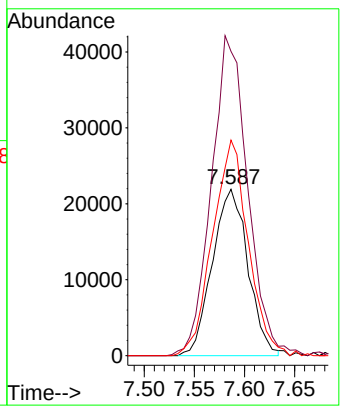


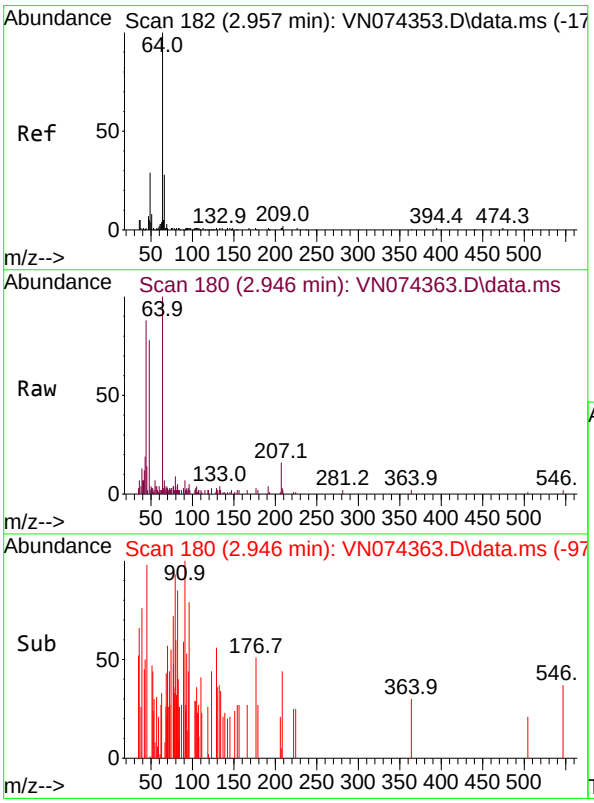
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 9
Delta R.T. 0.005 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 54101

Ion	Ratio	Lower	Upper
128	100		
49	196.1	0.0	392.3
130	129.8	0.0	320.2

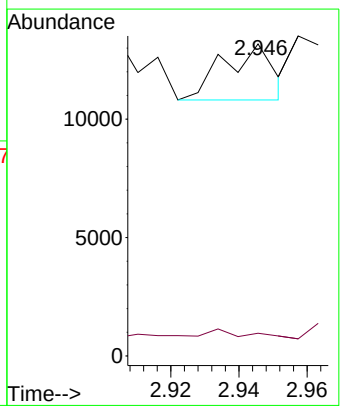


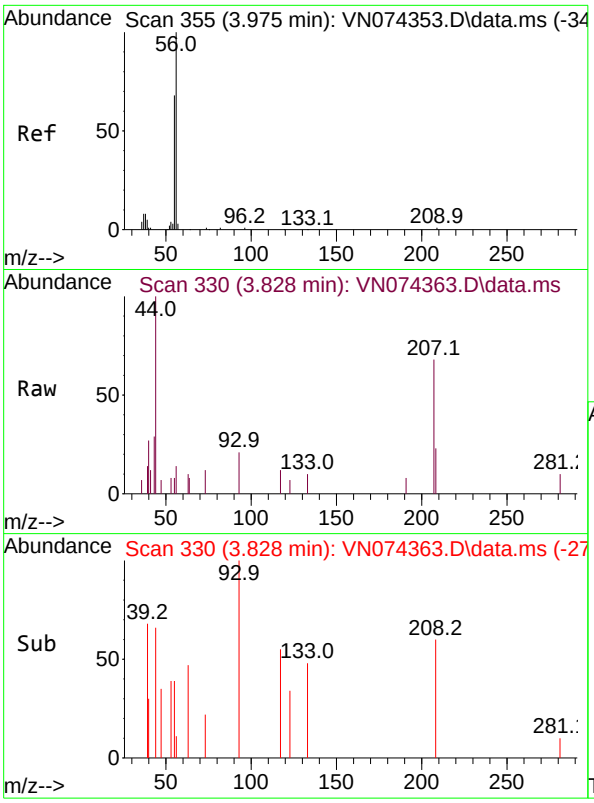


#6
Chloroethane
Concen: 0.622 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.011 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 64 Resp: 2381

Ion	Ratio	Lower	Upper
64	100		
66	4.9	24.6	36.8#



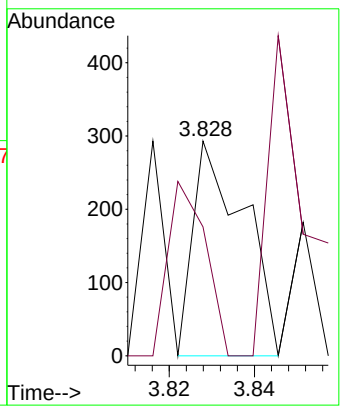


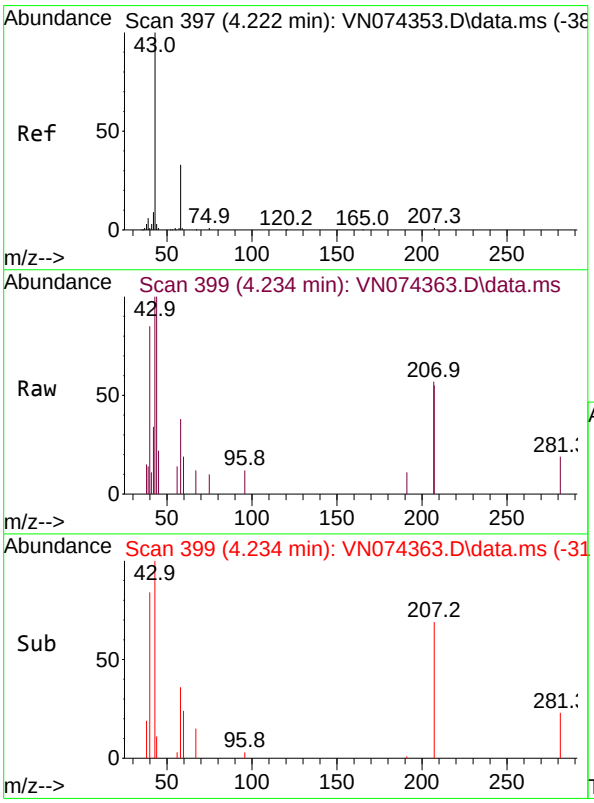
#13
Acrolein
Concen: 0.231 ug/l
RT: 3.828 min Scan# 3
Delta R.T. -0.147 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 244

Ion	Ratio	Lower	Upper
56	100		
55	59.8	57.6	86.4

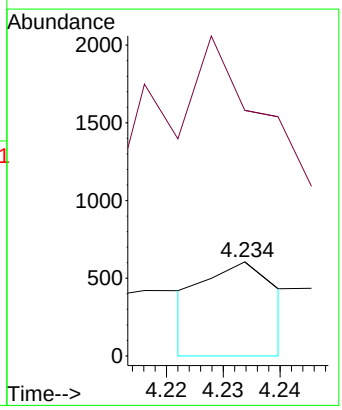


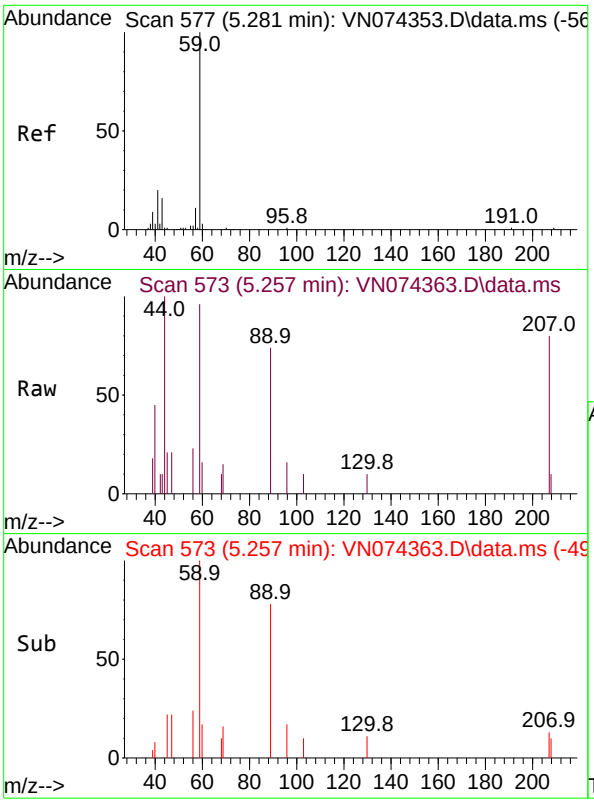


#15
Acetone
Concen: 0.673 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 58 Resp: 542

Ion	Ratio	Lower	Upper
58	100		
43	98.9	256.6	384.8#



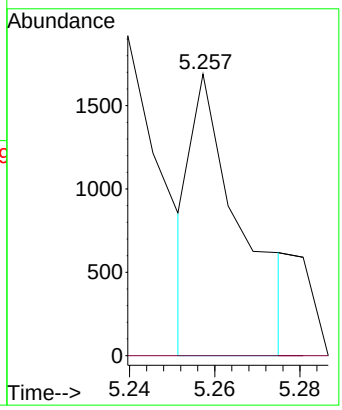


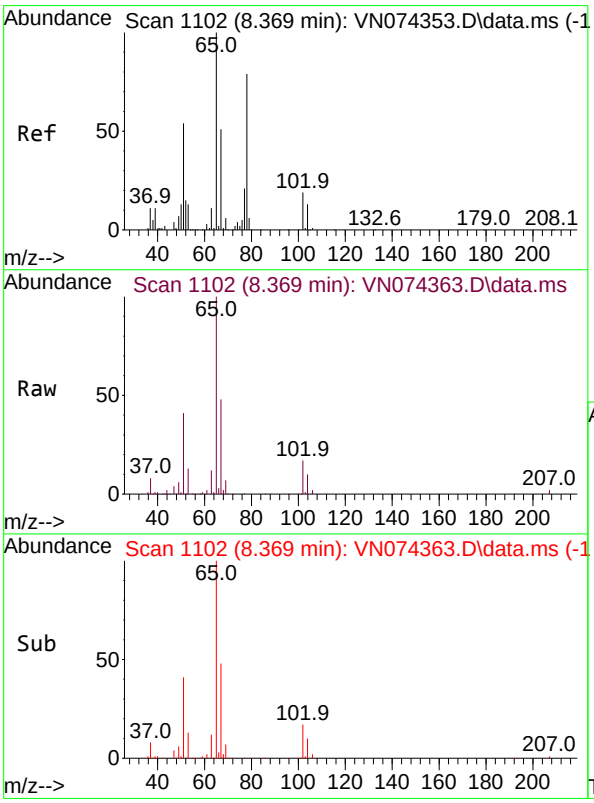
#23
tert-Butyl Alcohol
Concen: 1.029 ug/l
RT: 5.257 min Scan# 5
Delta R.T. -0.023 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 1353

Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

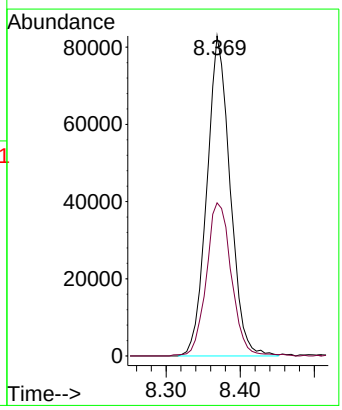


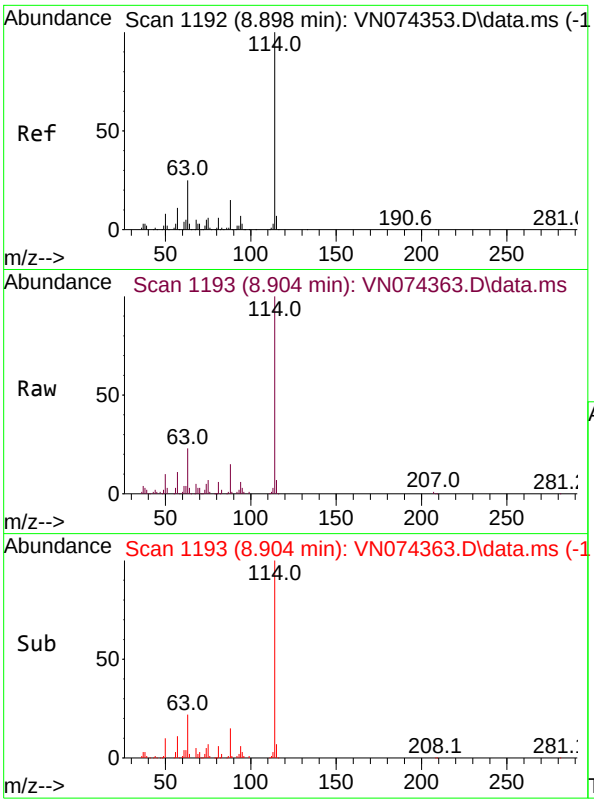


#27
1,2-Dichloroethane-d4
Concen: 32.439 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 65 Resp: 180184

Ion	Ratio	Lower	Upper
65	100		
67	50.2	40.2	60.2



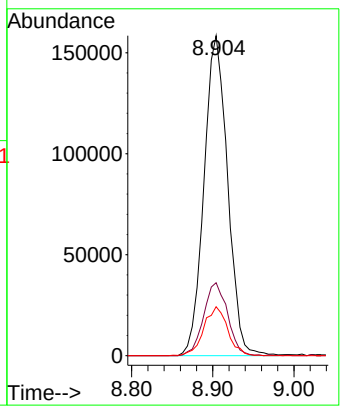


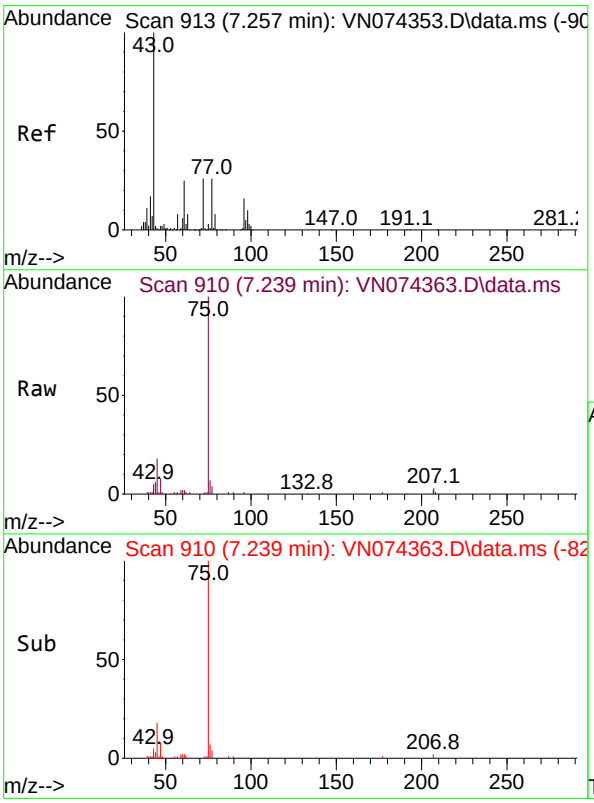
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 320369

Ion	Ratio	Lower	Upper
114	100		
63	23.1	15.8	23.6
88	15.5	11.6	17.4

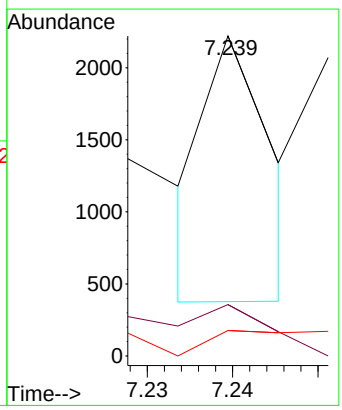


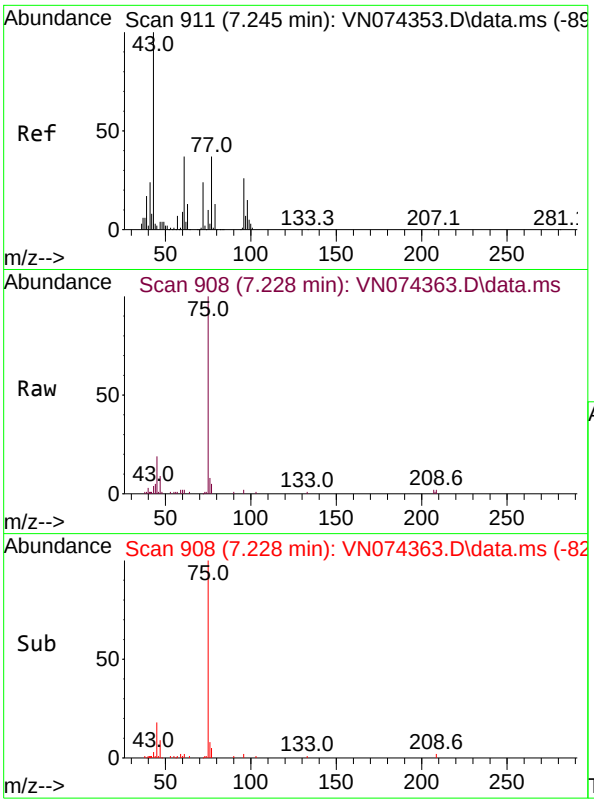


#30
2-Butanone
Concen: 0.219 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.018 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 43 Resp: 989

Ion	Ratio	Lower	Upper
43	100		
57	35.9	6.7	10.1#
72	18.2	23.2	34.8#



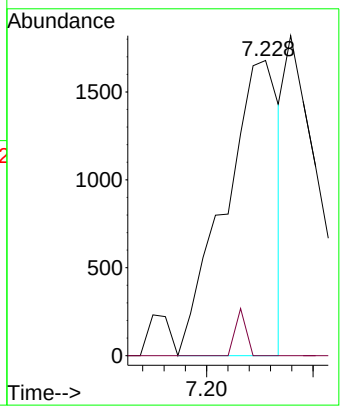


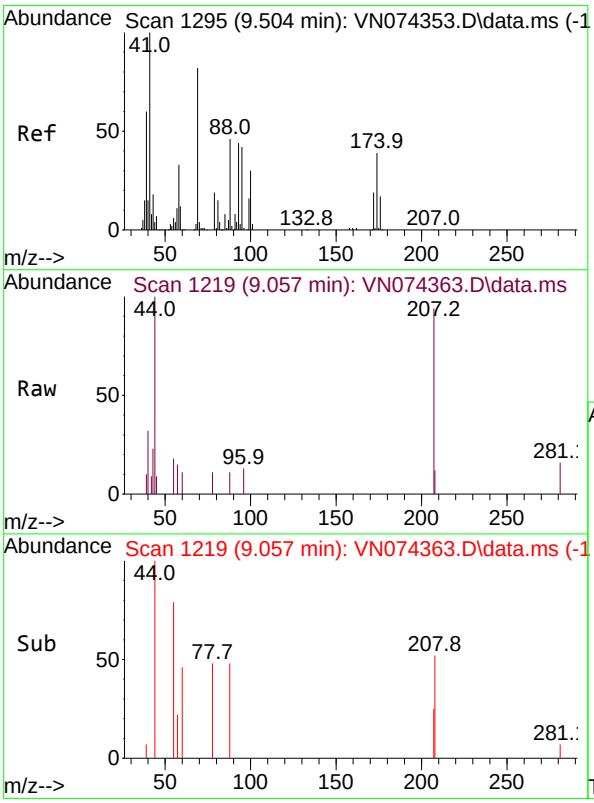
#31
2,2-Dichloropropane
Concen: 0.381 ug/l
RT: 7.228 min Scan# 9
Delta R.T. -0.018 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 77 Resp: 2972

Ion	Ratio	Lower	Upper
77	100		
97	0.0	18.3	27.5#

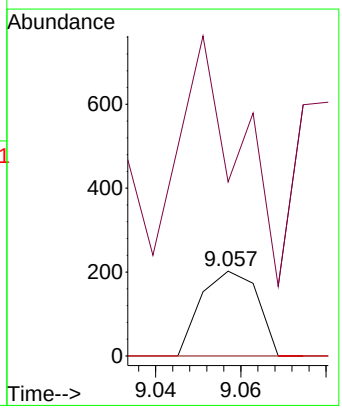


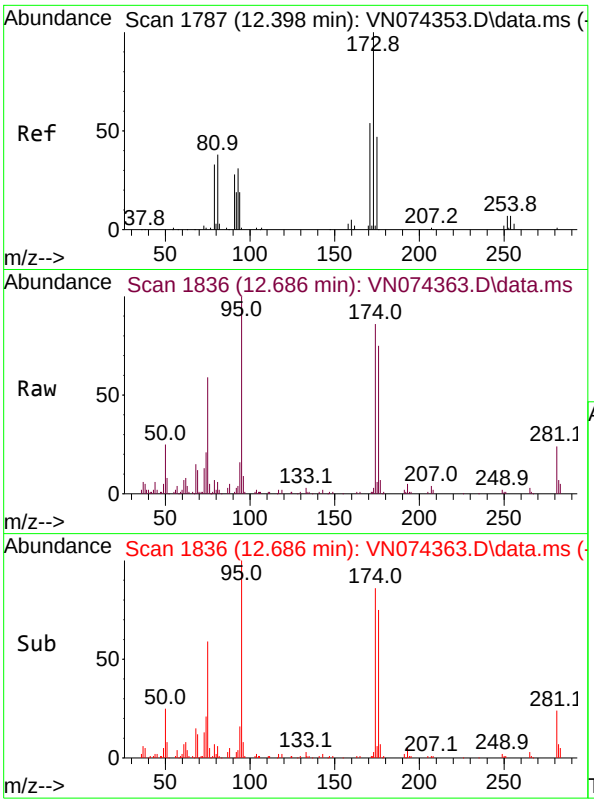


#45
1,4-Dioxane
Concen: 1.413 ug/l
RT: 9.057 min Scan# 1219
Delta R.T. -0.447 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 88 Resp: 186

Ion	Ratio	Lower	Upper
88	100		
43	302.2	25.0	37.6#
58	0.0	49.4	74.2#



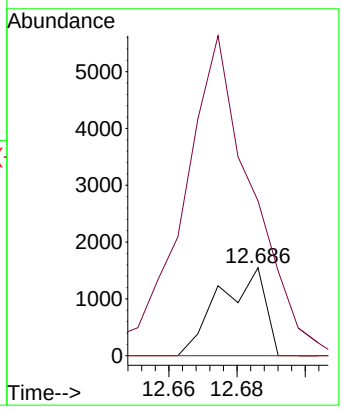


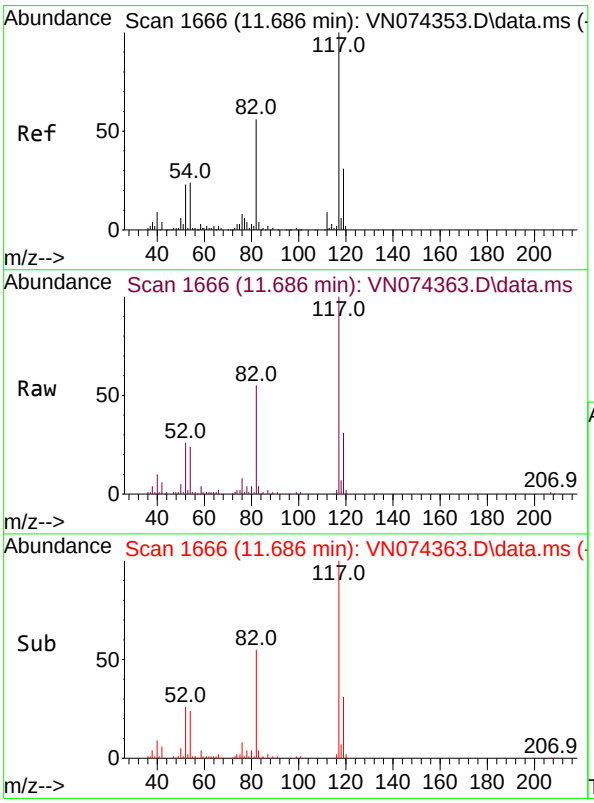
#56
Bromoform
Concen: 0.356 ug/l
RT: 12.686 min Scan# 1
Delta R.T. 0.288 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 1447

Ion	Ratio	Lower	Upper
173	100		
175	548.8	38.6	58.0#
254	0.0	0.0	0.0

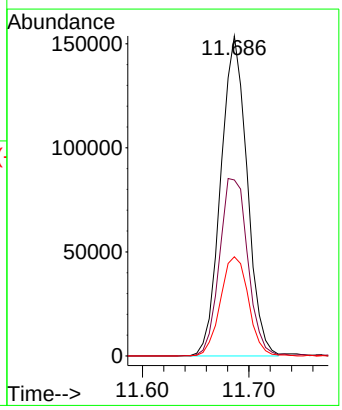


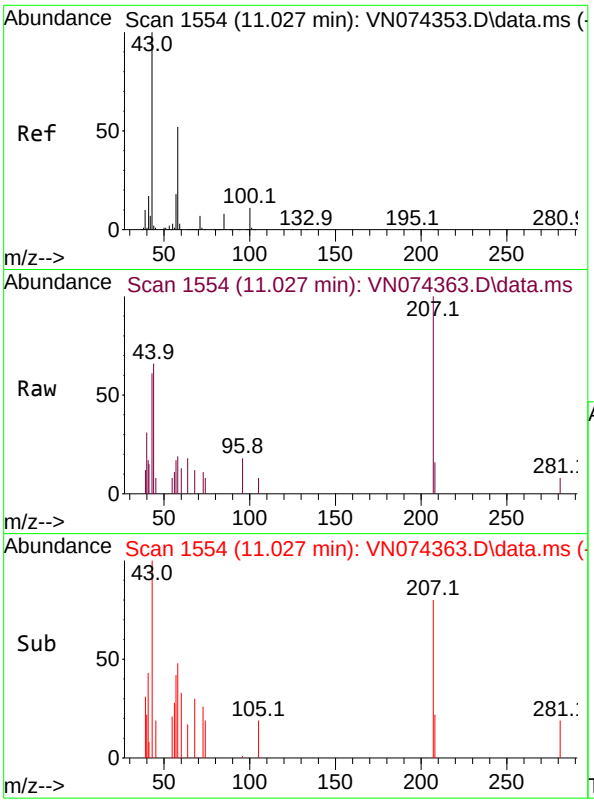


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion:117 Resp: 264261

Ion	Ratio	Lower	Upper
117	100		
82	59.4	43.6	65.4
119	33.1	25.8	38.6



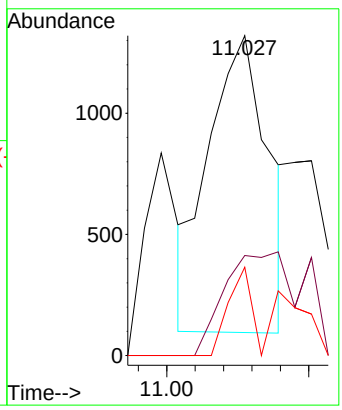


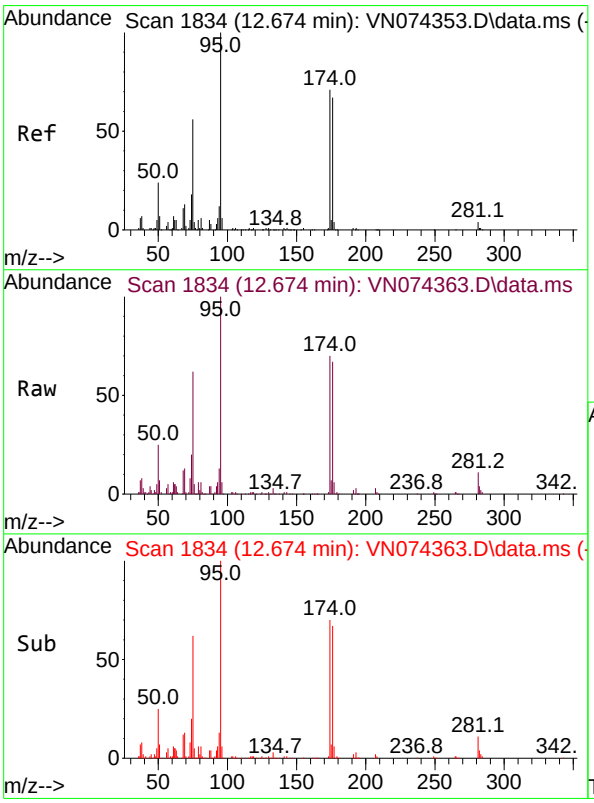
#59
2-Hexanone
Concen: 0.280 ug/l
RT: 11.027 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 1789

Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.2	63.2#
57	11.5	15.0	22.4#

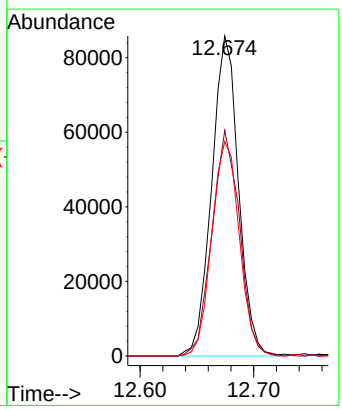


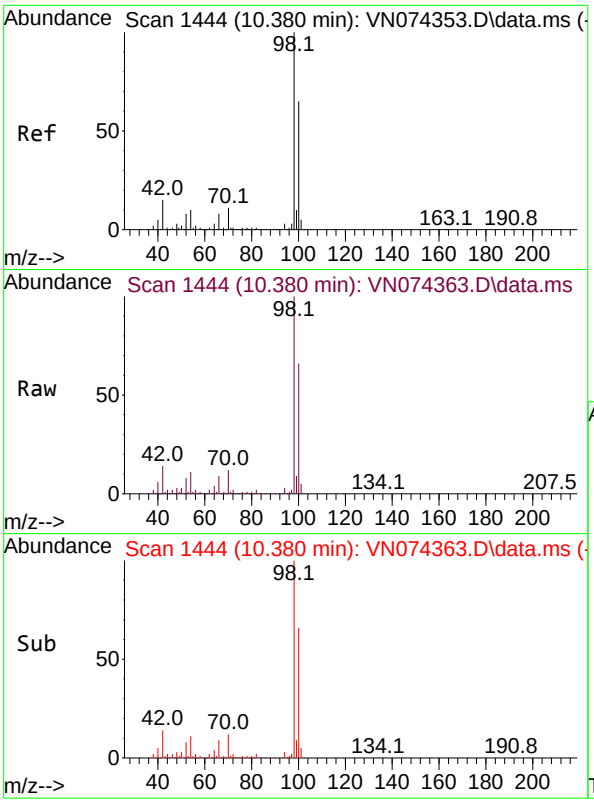


#60
4-Bromofluorobenzene
Concen: 26.651 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 95 Resp: 140843

Ion	Ratio	Lower	Upper
95	100		
174	72.3	62.9	94.3
176	69.3	61.0	91.4



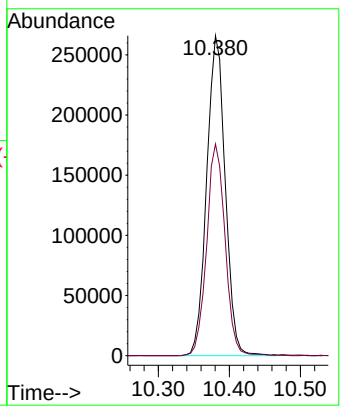


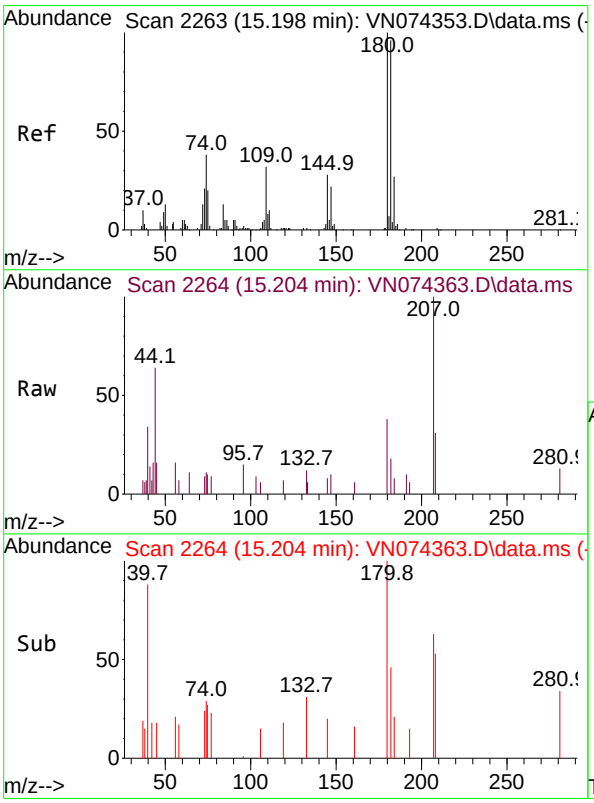
#63
Toluene-d8
Concen: 32.526 ug/l
RT: 10.380 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 482797

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.6	76.0

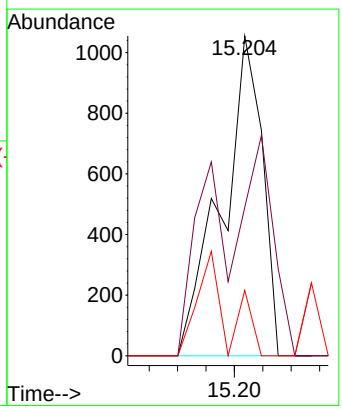


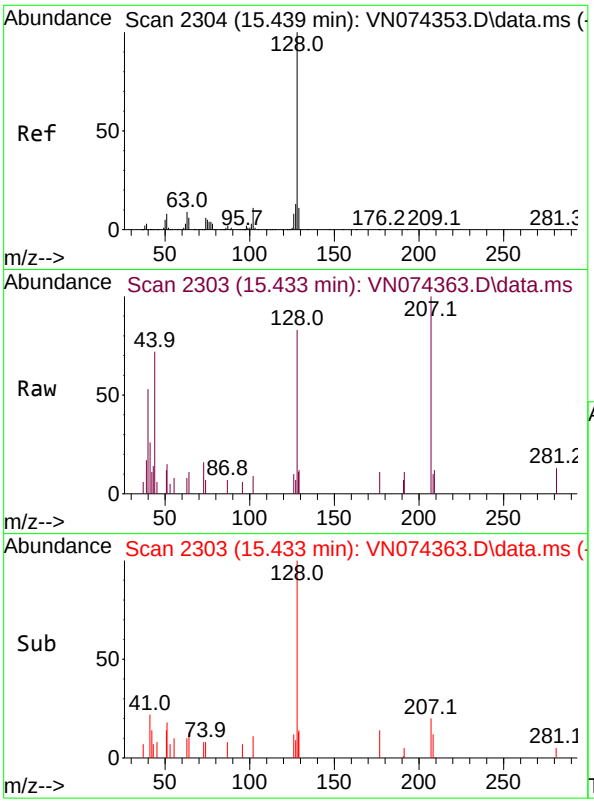


#89
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 15.204 min Scan# 2264
Delta R.T. 0.006 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion:180 Resp: 1042

Ion	Ratio	Lower	Upper
180	100		
182	51.0	77.7	116.5#
145	7.3	26.6	39.8#



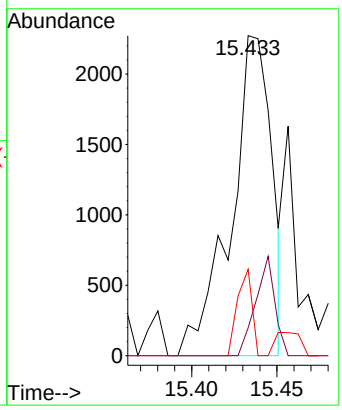


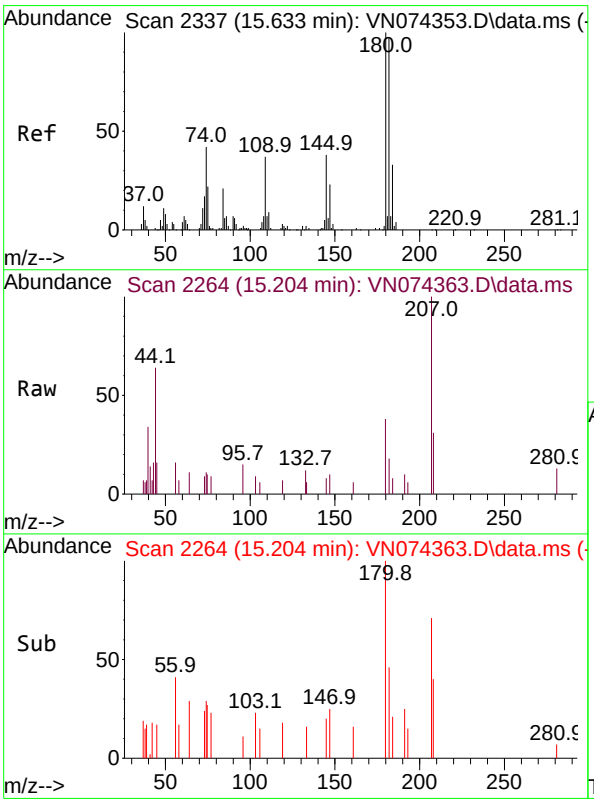
#91
Naphthalene
Concen: 0.200 ug/l
RT: 15.433 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3782

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	9.7	9.0	13.6





#92
1,2,3-Trichlorobenzene
Concen: 0.218 ug/l
RT: 15.204 min Scan# 2264
Delta R.T. -0.429 min
Lab File: VN074363.D
Acq: 08 Sep 2022 17:27

Tgt Ion:180 Resp: 1042

Ion	Ratio	Lower	Upper
180	100		
182	51.0	0.0	190.0
145	7.3	0.0	67.8