Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
Data File : VN0756681.D
Acq On : 10 Dec 2022 01:07
Operator : JC\MD
Sample : VN1209WBL02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 12 04:21:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration

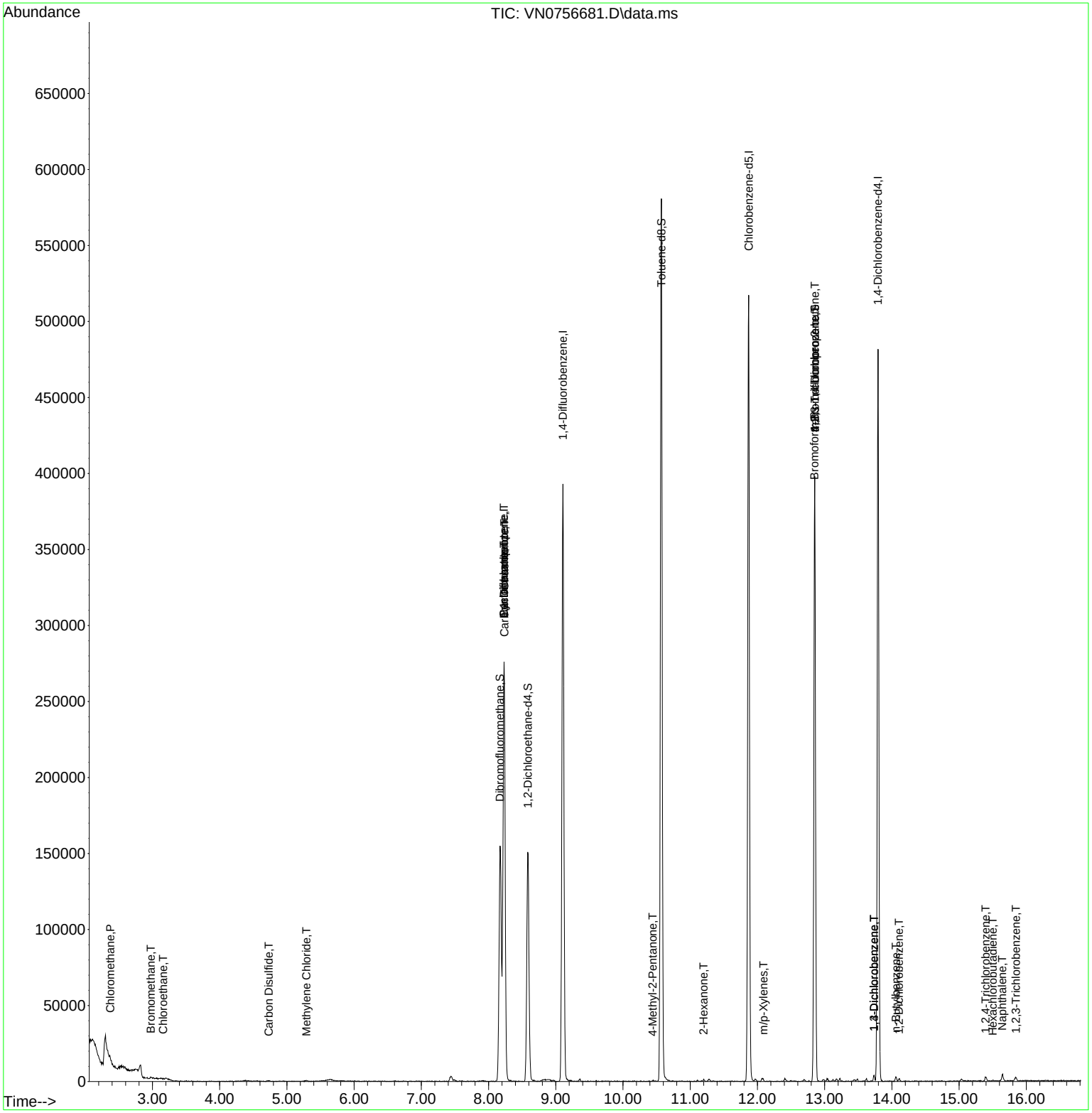
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	218935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	364665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	323280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125243	53.915	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.840%			
35) Dibromofluoromethane	8.171	113	112848	50.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.440%			
50) Toluene-d8	10.570	98	420831	50.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.740%			
62) 4-Bromofluorobenzene	12.853	95	134039	46.920	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.840%			
Target Compounds						Qvalue
3) Chloromethane	2.371	50	468	0.244	ug/l #	40
5) Bromomethane	2.977	94	438	0.218	ug/l #	71
6) Chloroethane	3.159	64	397	0.226	ug/l #	43
17) Carbon Disulfide	4.730	76	1091	0.220	ug/l #	74
20) Methylene Chloride	5.289	84	553	0.236	ug/l #	36
31) Cyclohexane	8.229	56	4008	1.165	ug/l #	13
36) 1,1-Dichloropropene	8.229	75	15267	5.168	ug/l #	49
38) Carbon Tetrachloride	8.235	117	21402	6.278	ug/l #	17
51) 4-Methyl-2-Pentanone	10.441	43	634	0.260	ug/l #	32
59) 2-Hexanone	11.200	43	995	0.561	ug/l #	39
68) m/p-Xylenes	12.088	106	998	0.220	ug/l	80
71) Bromoform	12.847	173	701	0.382	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	67205	24.175	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67205	77.218	ug/l #	13
87) 1,3-Dichlorobenzene	13.735	146	1398	0.299	ug/l	92
88) 1,4-Dichlorobenzene	13.735	146	1398	0.294	ug/l	92
89) n-Butylbenzene	14.059	91	2192	0.316	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	1189	0.256	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	1440	0.645	ug/l	95
94) Hexachlorobutadiene	15.500	225	349	0.275	ug/l #	64
95) Naphthalene	15.641	128	5171	0.783	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.847	180	1365	0.622	ug/l	99

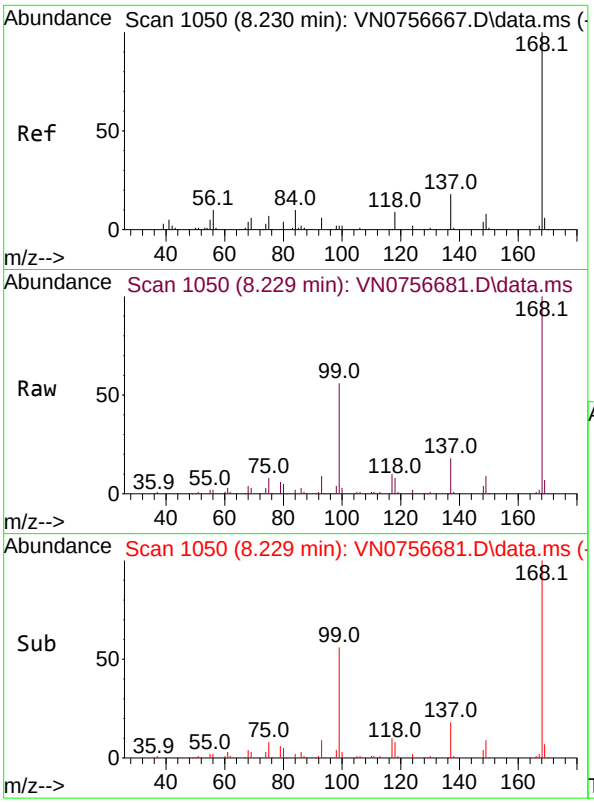
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
Data File : VN0756681.D
Acq On : 10 Dec 2022 01:07
Operator : JC\MD
Sample : VN1209WBL02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 12 04:21:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 03:01:58 2022
Response via : Initial Calibration



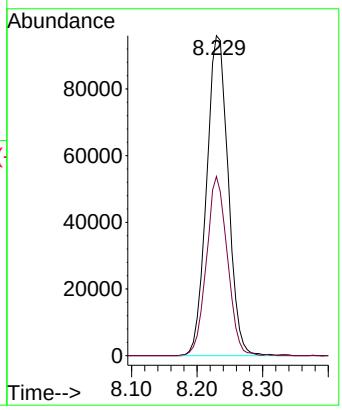


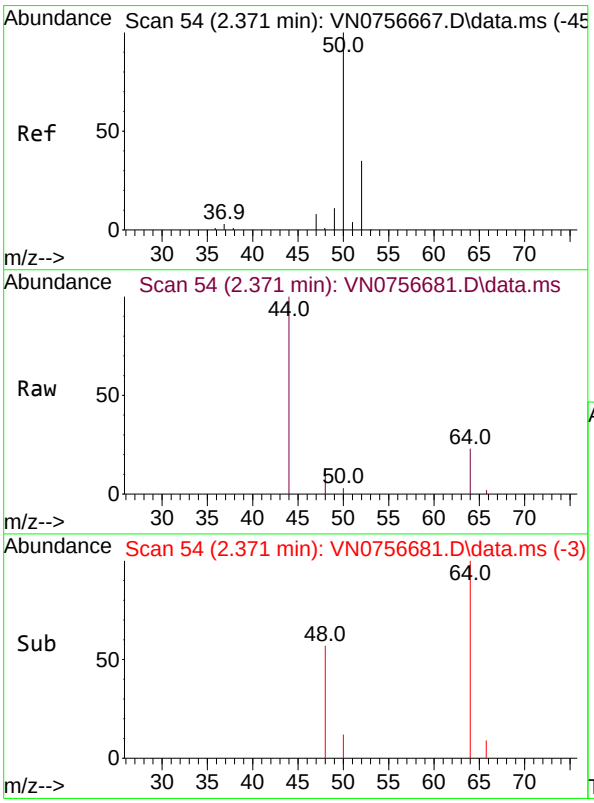
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 218935

Ion	Ratio	Lower	Upper
168	100		
99	56.0	41.2	61.8

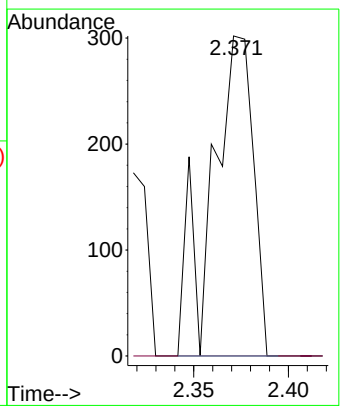


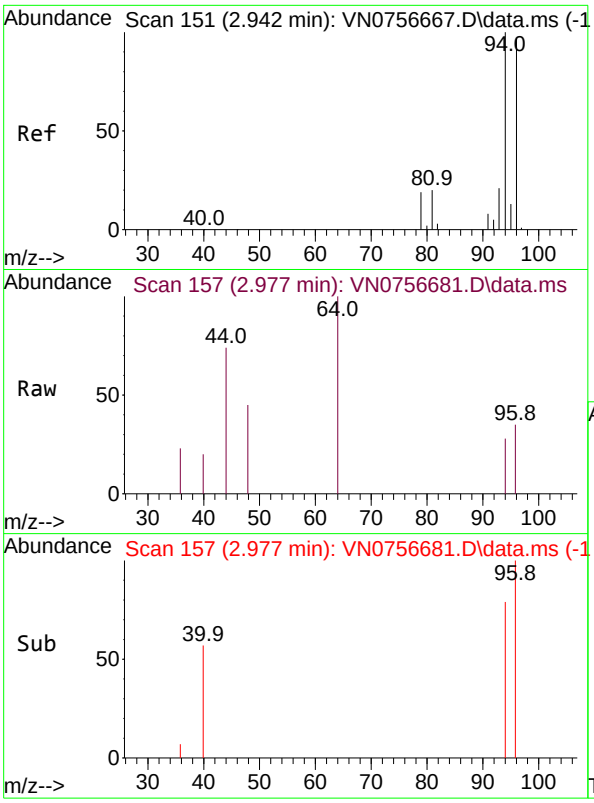


#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion: 50 Resp: 468

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.9	41.9#



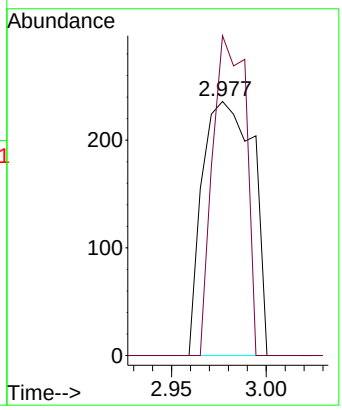


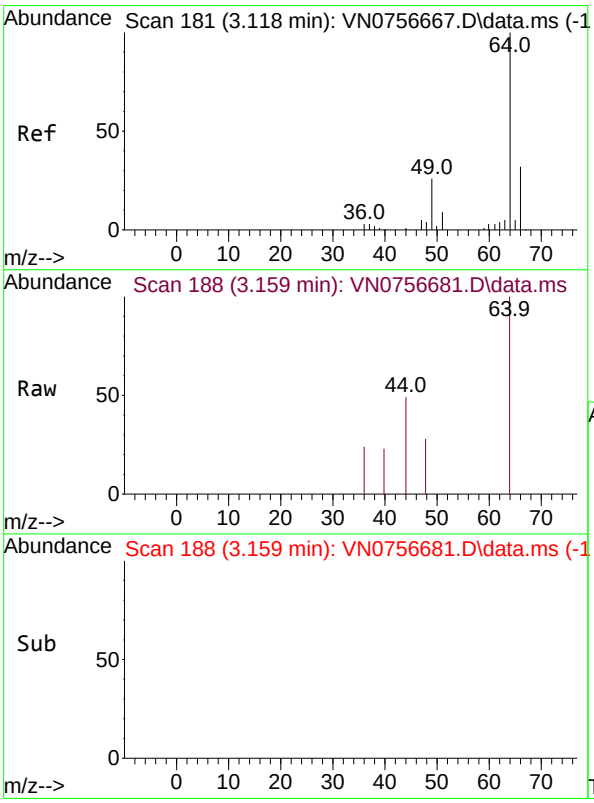
#5
Bromomethane
Concen: 0.218 ug/l
RT: 2.977 min Scan# 1
Delta R.T. 0.035 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 438

Ion	Ratio	Lower	Upper
94	100		
96	125.8	77.6	116.4#

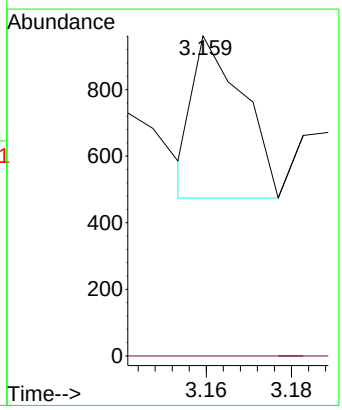


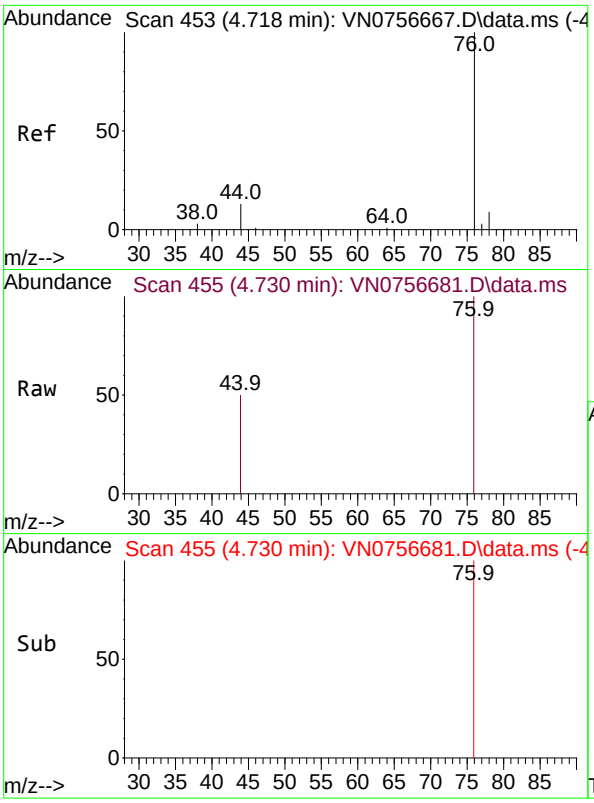


#6
Chloroethane
Concen: 0.226 ug/l
RT: 3.159 min Scan# 188
Delta R.T. 0.041 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion: 64 Resp: 397

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#



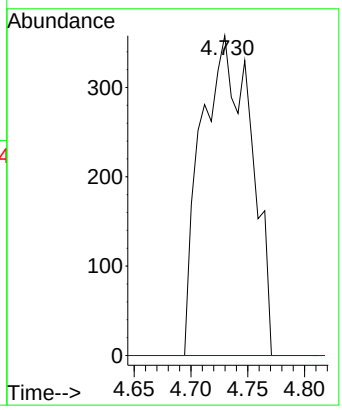


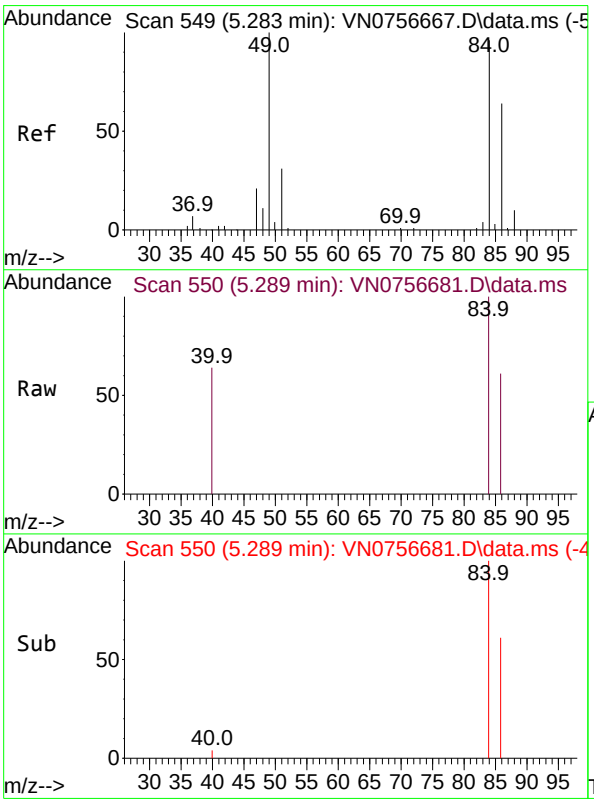
#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 4.730 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 1091

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

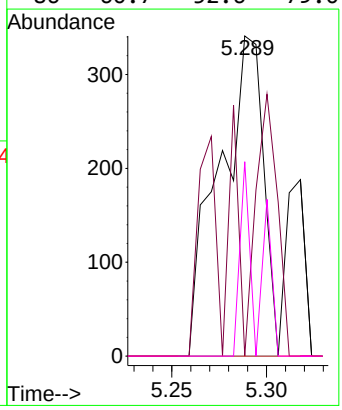


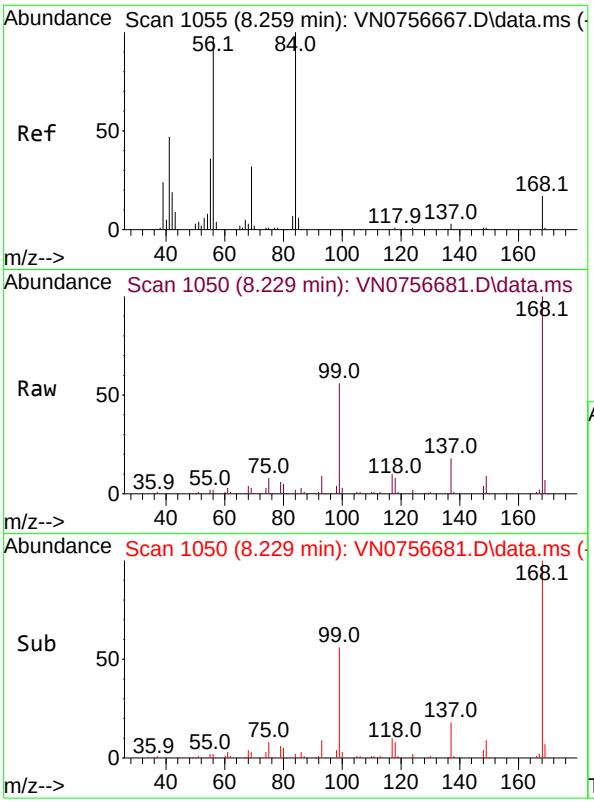


#20
Methylene Chloride
Concen: 0.236 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion: 84 Resp: 553

Ion	Ratio	Lower	Upper
84	100		
49	0.0	83.0	124.4#
51	0.0	26.0	39.0#
86	60.7	52.6	79.0



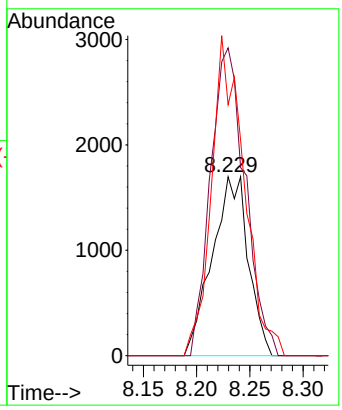


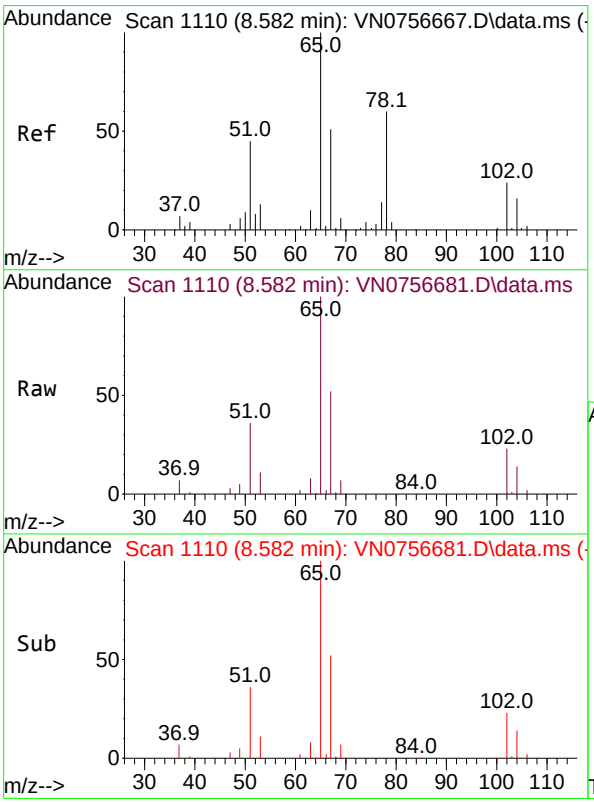
#31
Cyclohexane
Concen: 1.165 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 4008

Ion	Ratio	Lower	Upper
56	100		
69	172.1	26.2	39.2#
84	140.4	82.8	124.2#

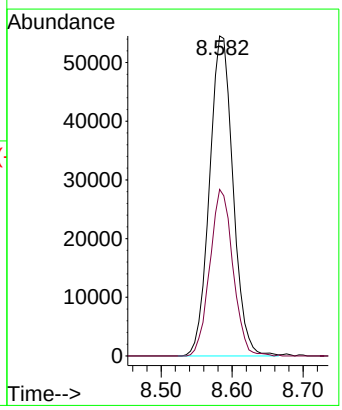


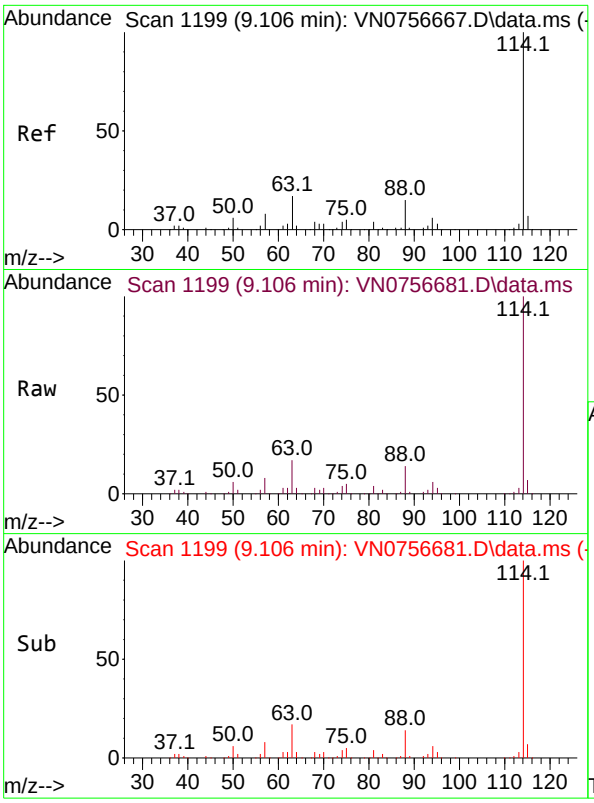


#33
1,2-Dichloroethane-d4
Concen: 53.915 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion: 65 Resp: 125243

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.2



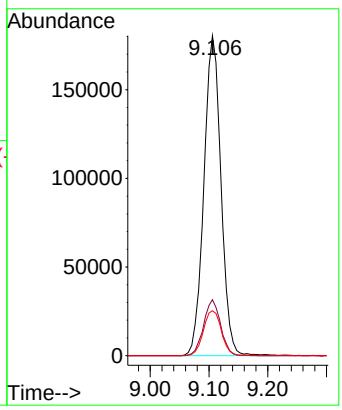


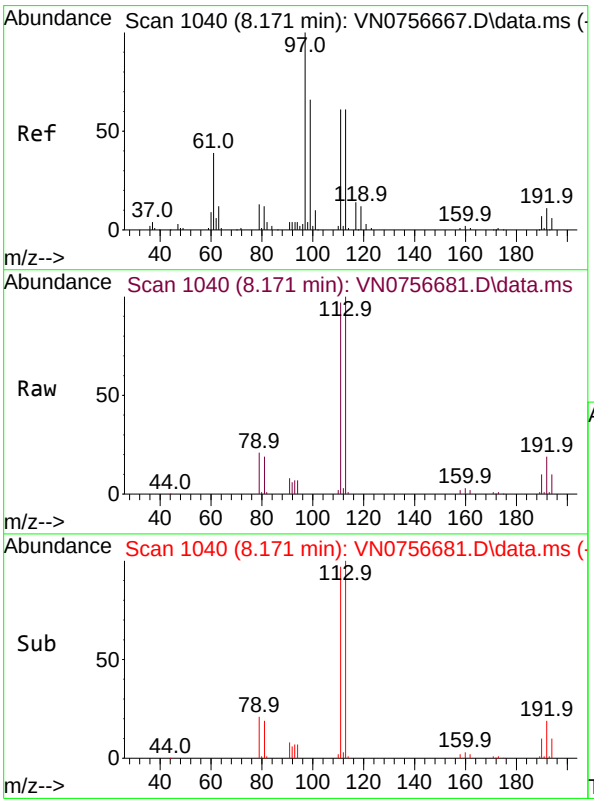
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 364665

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.4
88	14.0	0.0	29.2

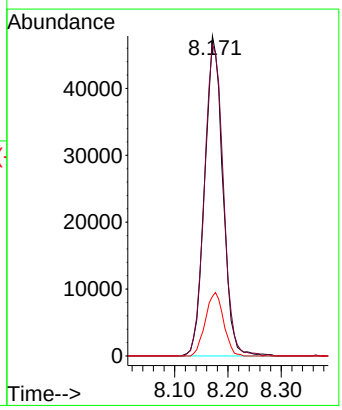


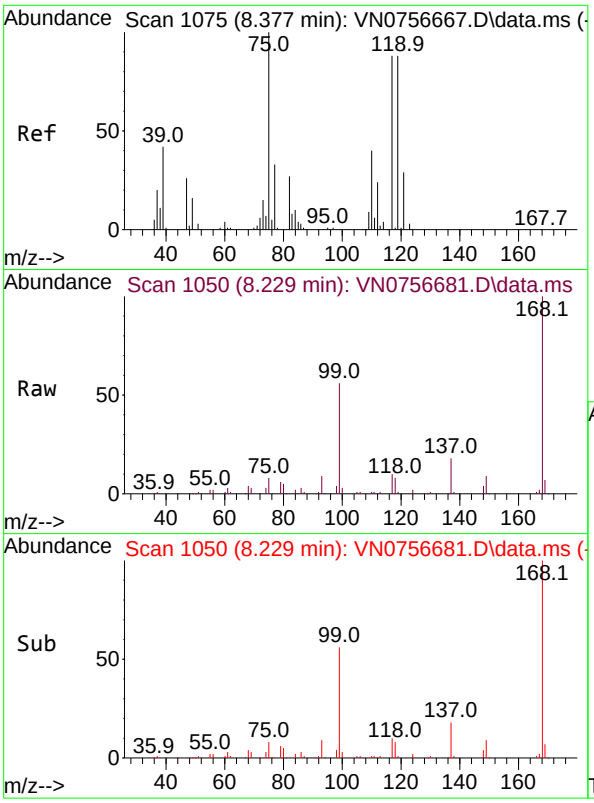


#35
Dibromofluoromethane
Concen: 50.721 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion:113 Resp: 112848

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.6
192	20.0	16.2	24.2



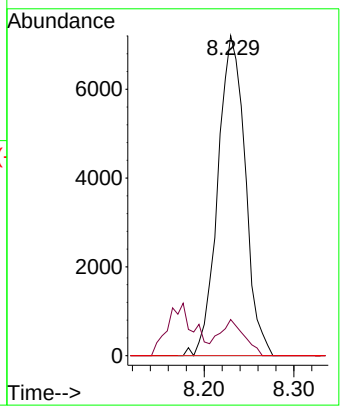


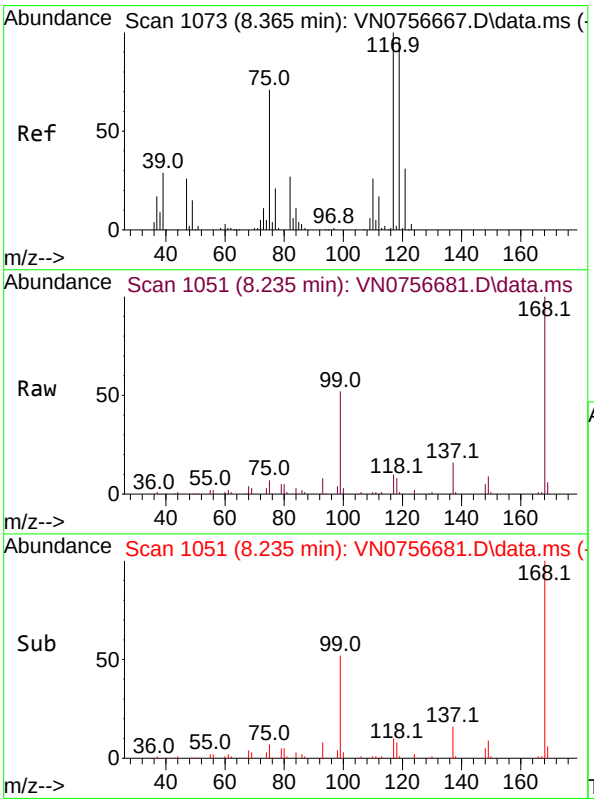
#36
1,1-Dichloropropene
Concen: 5.168 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 15267

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.9	56.9#
77	0.0	25.4	38.2#

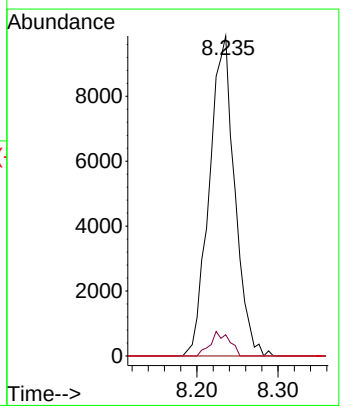


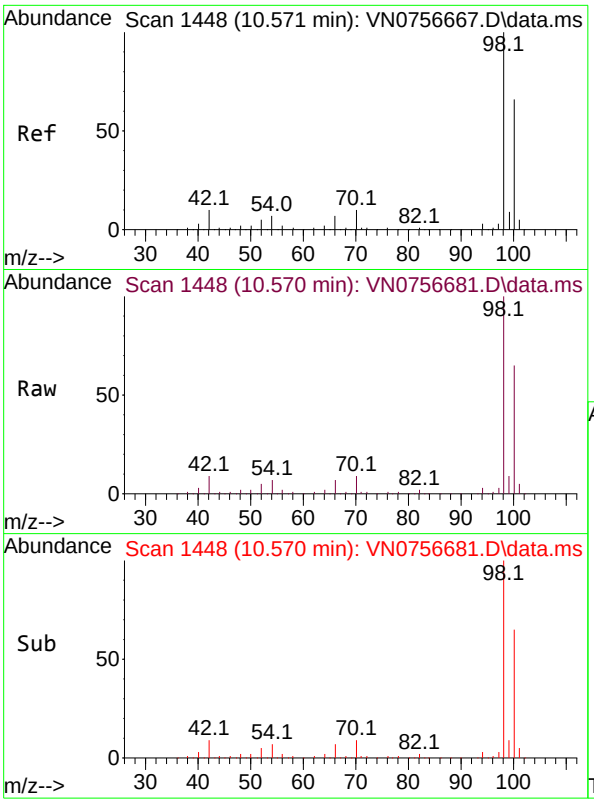


#38
Carbon Tetrachloride
Concen: 6.278 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion:117 Resp: 21402

Ion	Ratio	Lower	Upper
117	100		
119	6.7	77.2	115.8#
121	0.0	24.6	37.0#



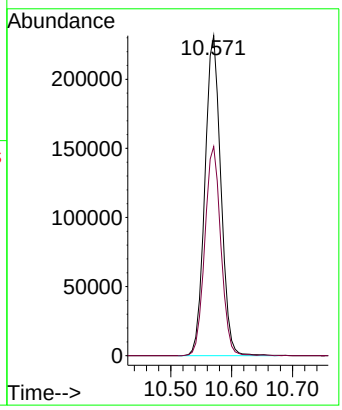


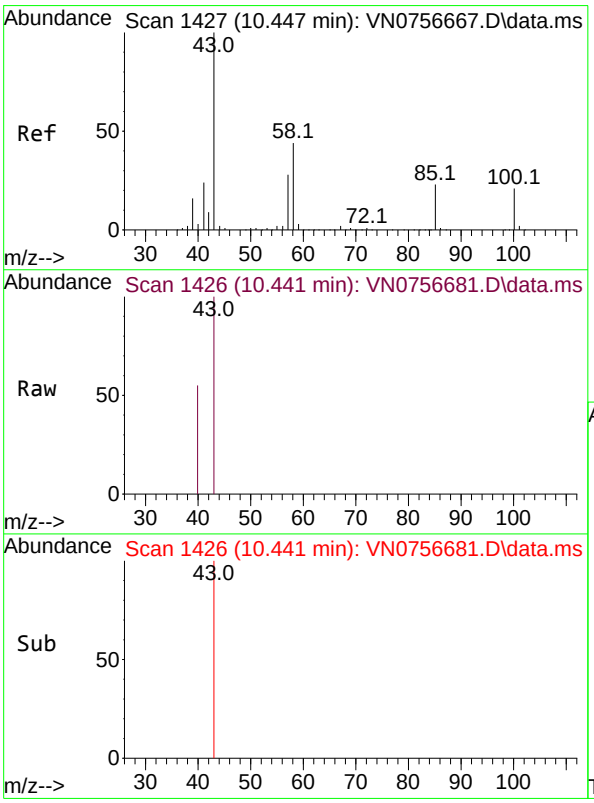
#50
Toluene-d8
Concen: 50.366 ug/l
RT: 10.570 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 420831

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8

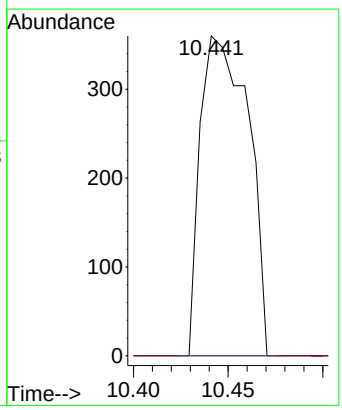


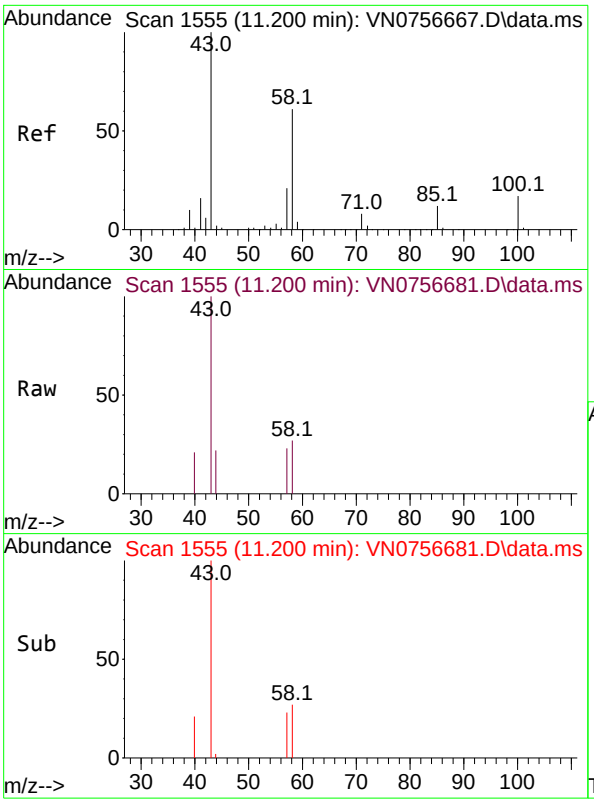


#51
4-Methyl-2-Pentanone
Concen: 0.260 ug/l
RT: 10.441 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion: 43 Resp: 634

Ion	Ratio	Lower	Upper
43	100		
58	0.0	35.0	52.6#



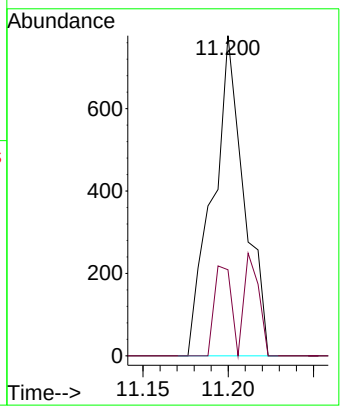


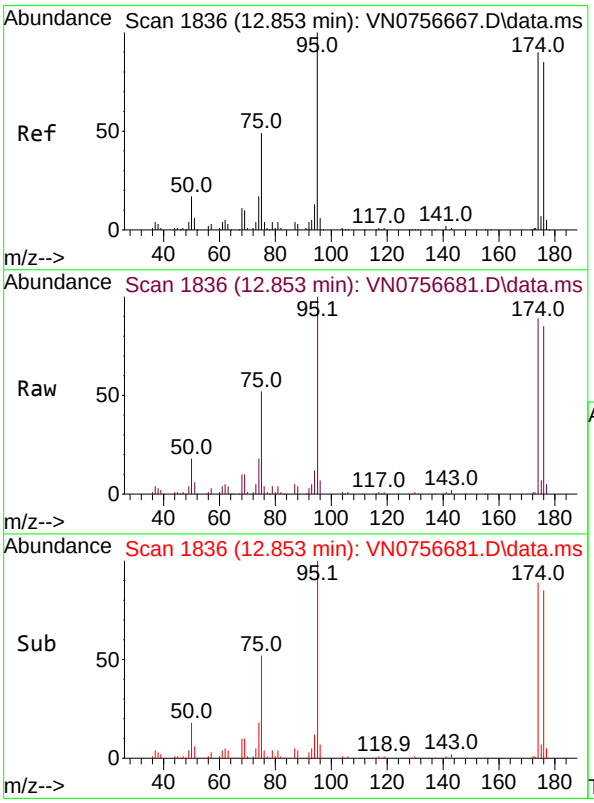
#59
2-Hexanone
Concen: 0.561 ug/l
RT: 11.200 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 995

Ion	Ratio	Lower	Upper
43	100		
58	15.2	30.9	92.5#

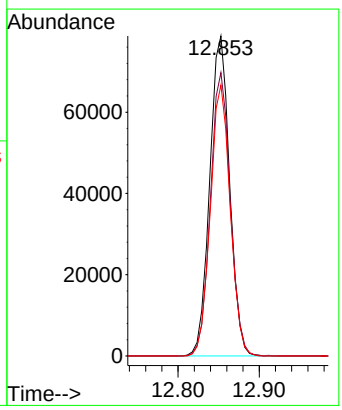


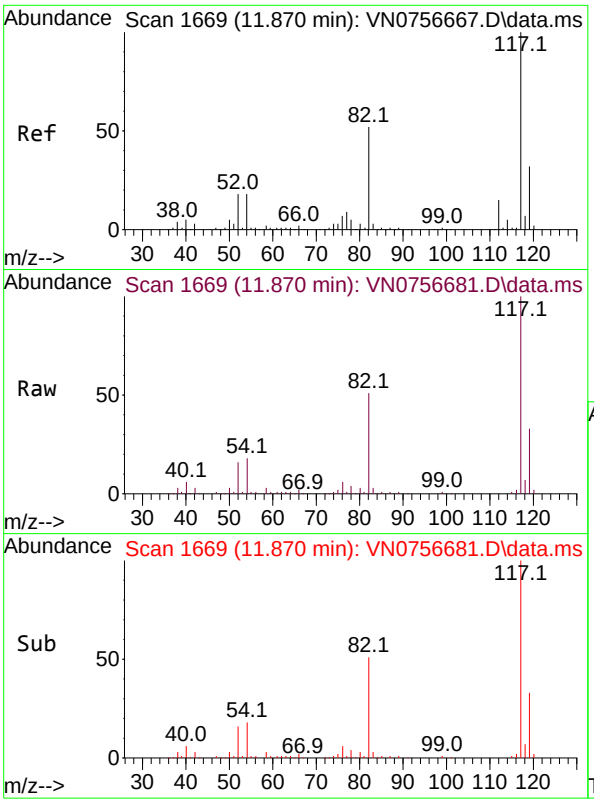


#62
4-Bromofluorobenzene
Concen: 46.920 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion: 95 Resp: 134039

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	178.6
176	84.3	0.0	170.8



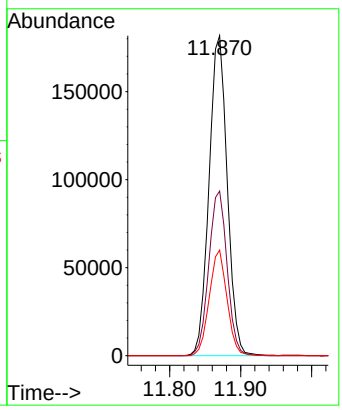


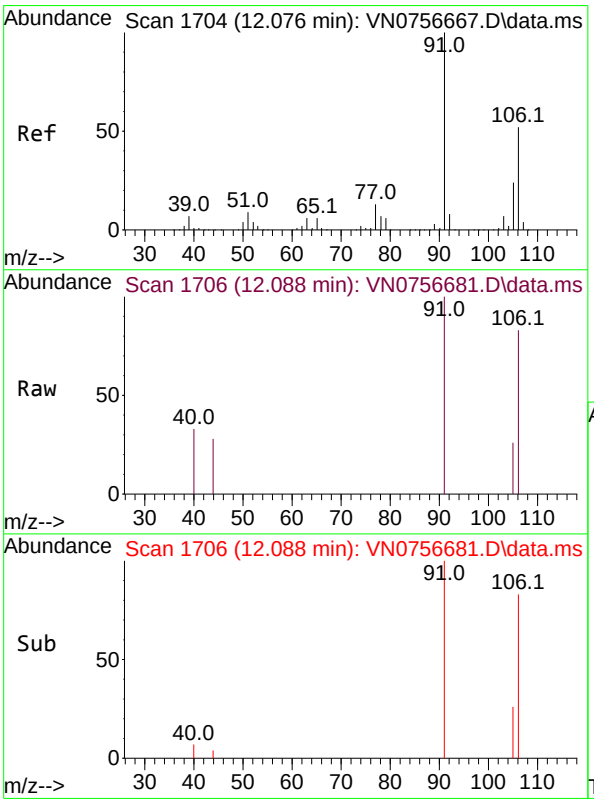
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 323280

Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.8	62.8
119	33.0	25.8	38.6

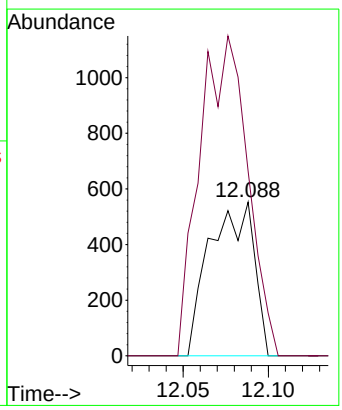


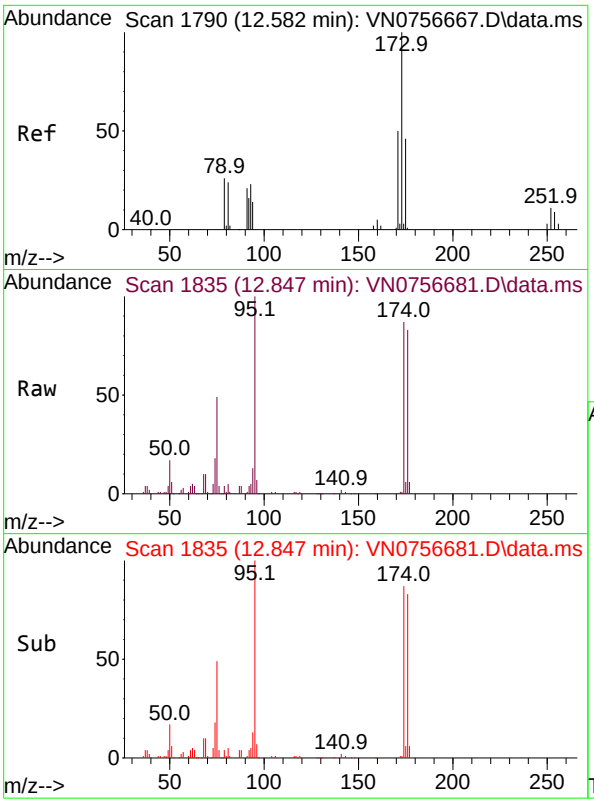


#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 12.088 min Scan# 1706
Delta R.T. 0.012 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion:106 Resp: 998

Ion	Ratio	Lower	Upper
106	100		
91	225.7	156.2	234.4



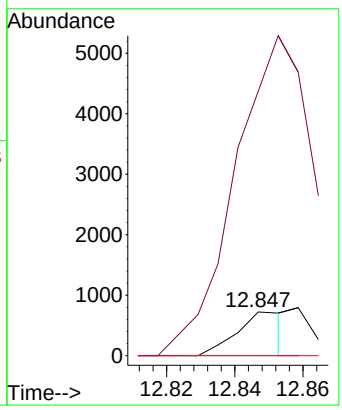


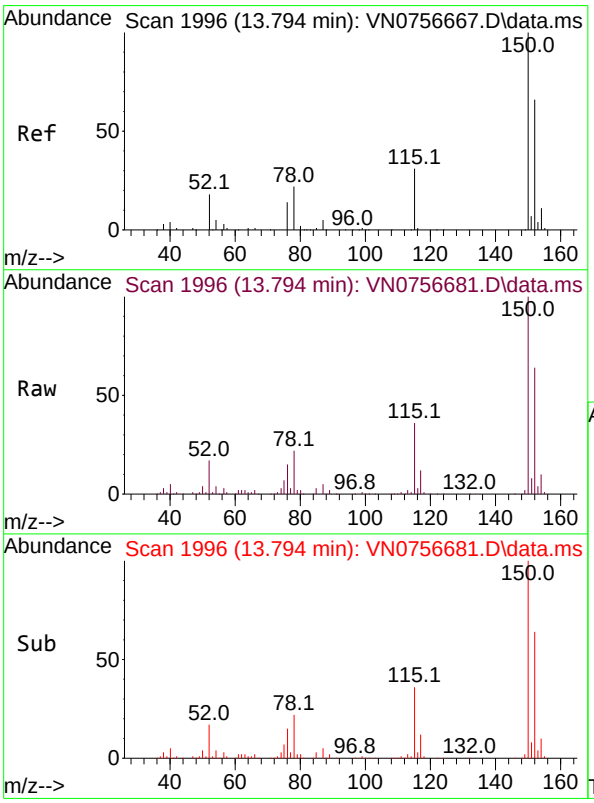
#71
Bromoform
Concen: 0.382 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.265 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 701

Ion	Ratio	Lower	Upper
173	100		
175	1023.8	23.8	71.2#
254	0.0	0.0	0.0

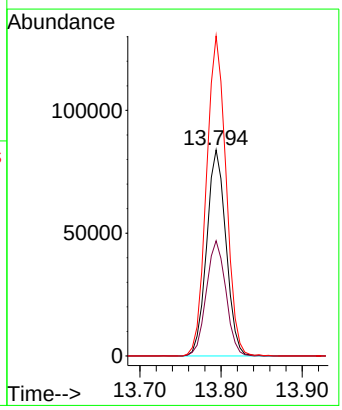


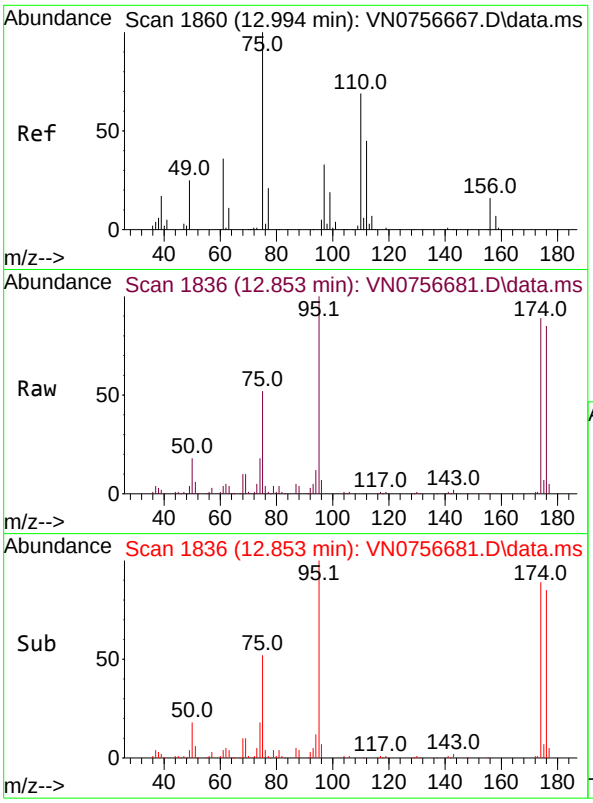


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion:152 Resp: 138429

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.4	85.2
150	157.2	0.0	347.6



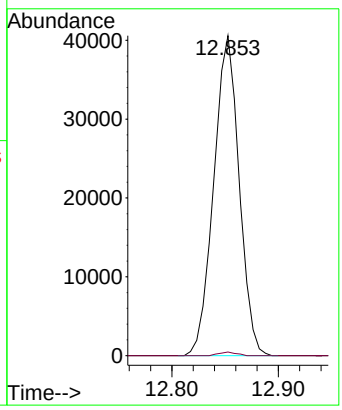


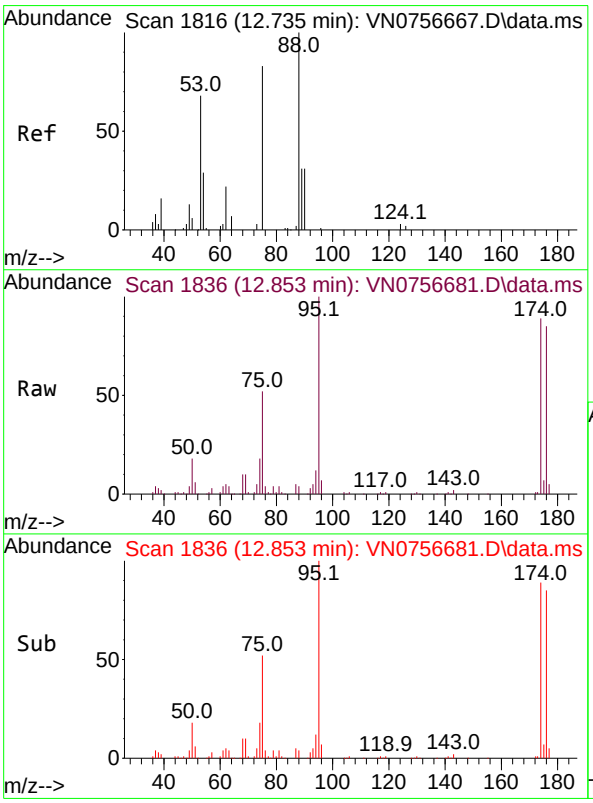
#76
1,2,3-Trichloropropane
Concen: 24.175 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 67205

Ion	Ratio	Lower	Upper
75	100		
77	0.8	81.8	245.4#

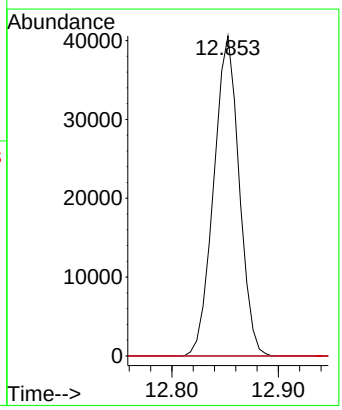


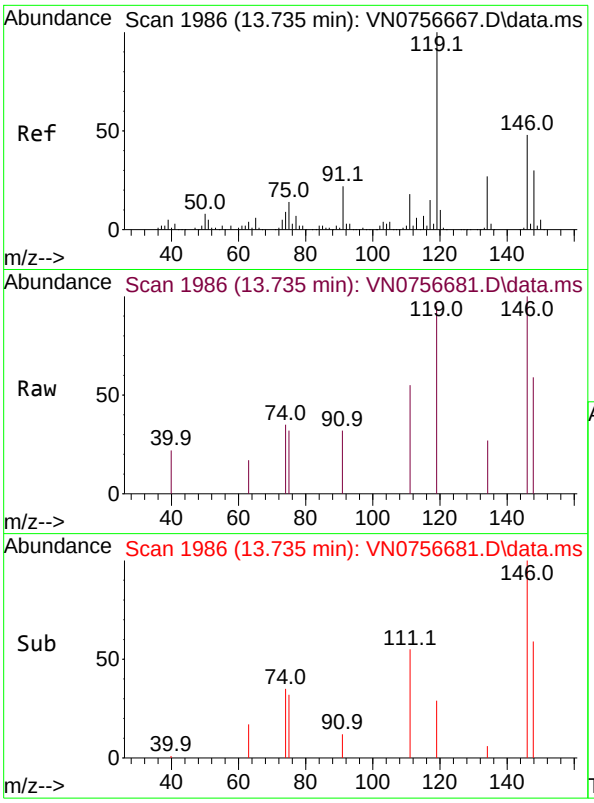


#81
trans-1,4-Dichloro-2-butene
Concen: 77.218 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion: 75 Resp: 67205

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.4	108.6#
89	0.0	36.6	55.0#



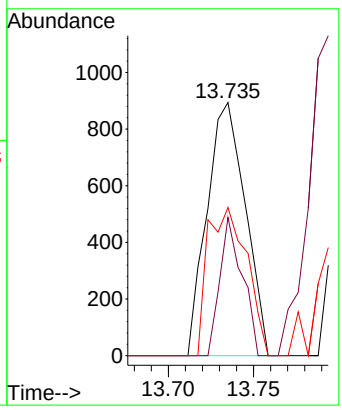


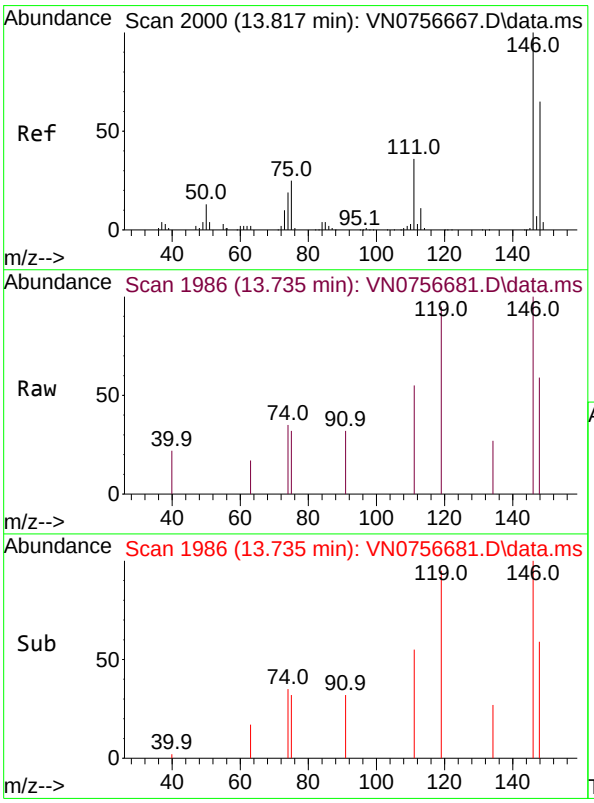
#87
1,3-Dichlorobenzene
Concen: 0.299 ug/l
RT: 13.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:146 Resp: 1398

Ion	Ratio	Lower	Upper
146	100		
111	32.0	19.8	59.3
148	59.4	32.1	96.3

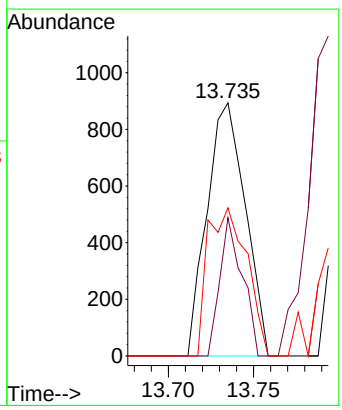


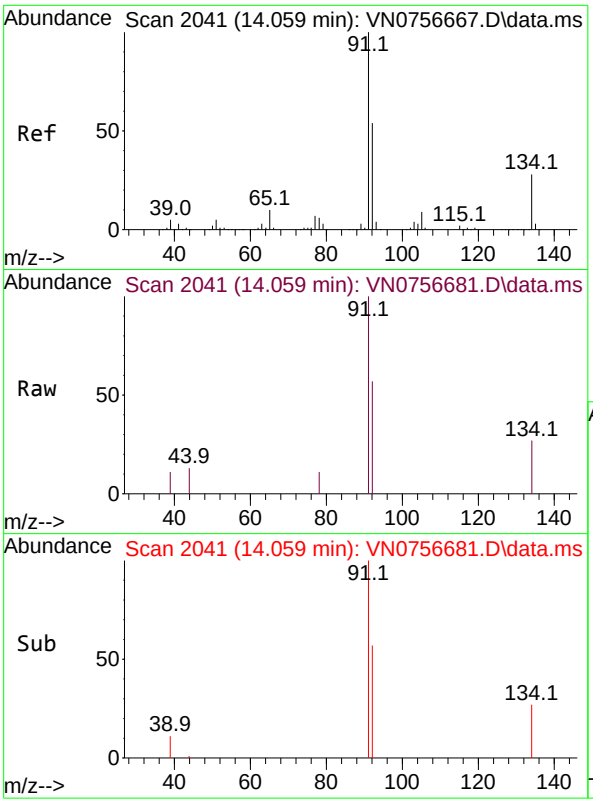


#88
1,4-Dichlorobenzene
Concen: 0.294 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.082 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion:146 Resp: 1398

Ion	Ratio	Lower	Upper
146	100		
111	32.0	19.1	57.1
148	59.4	32.1	96.3



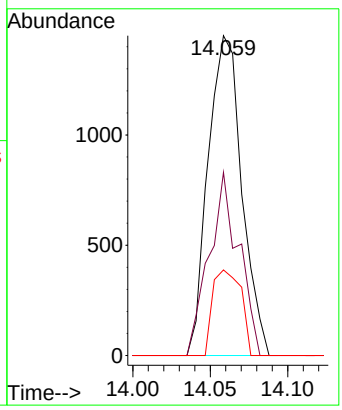


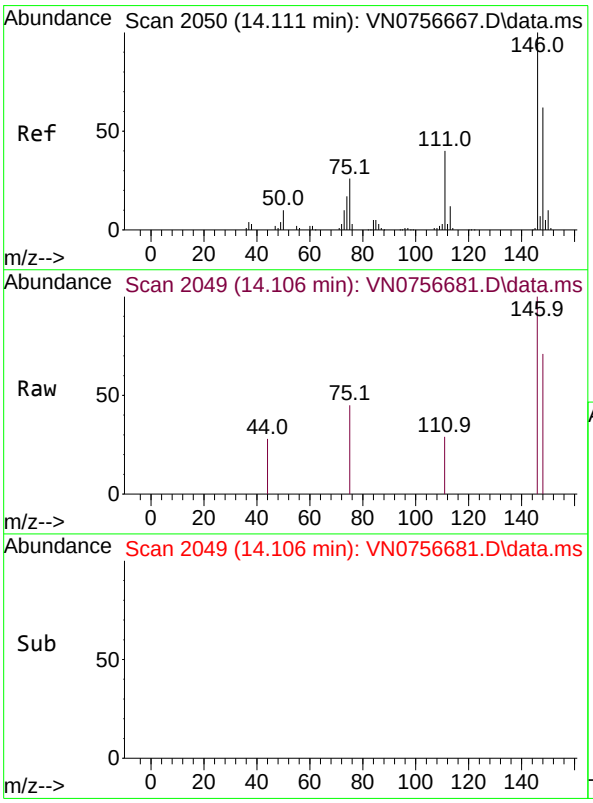
#89
n-Butylbenzene
Concen: 0.316 ug/l
RT: 14.059 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 2192

Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.7	80.1
134	22.4	13.9	41.7

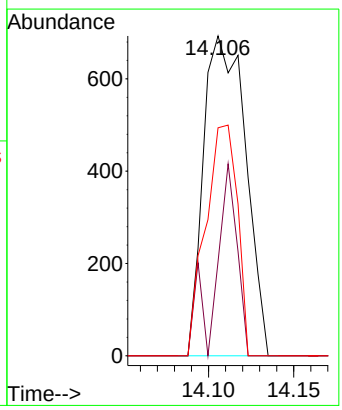


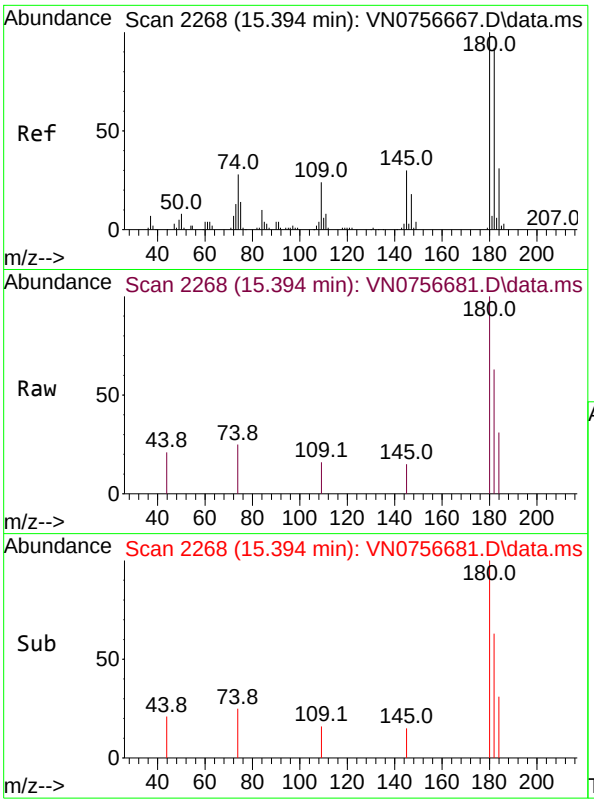


#91
1,2-Dichlorobenzene
Concen: 0.256 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion:146 Resp: 1189

Ion	Ratio	Lower	Upper
146	100		
111	31.1	20.1	60.3
148	54.5	31.9	95.5



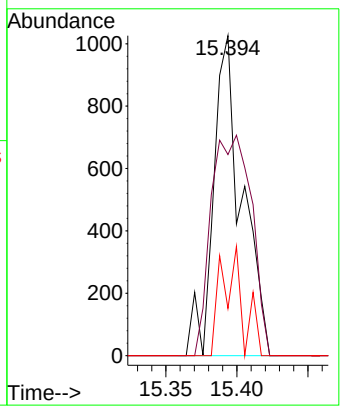


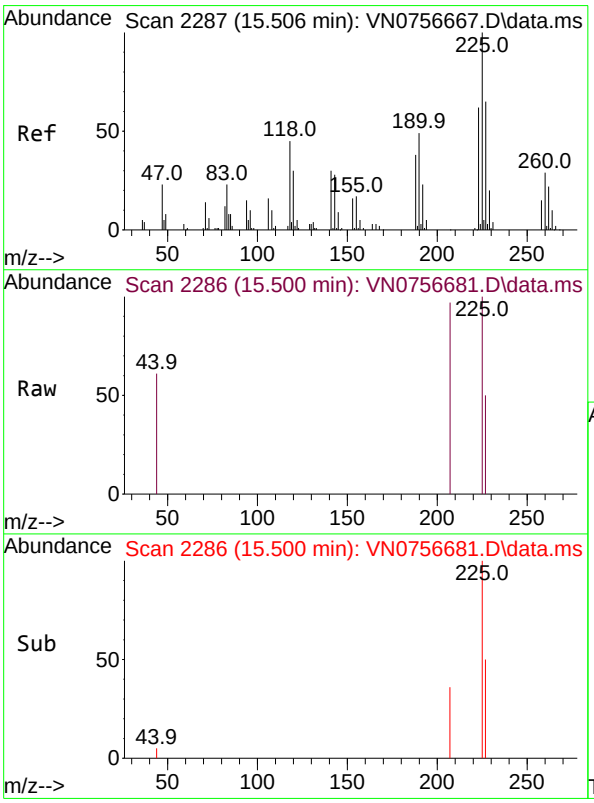
#93
1,2,4-Trichlorobenzene
Concen: 0.645 ug/l
RT: 15.394 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 1440

Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.1	141.3
145	25.1	15.2	45.5

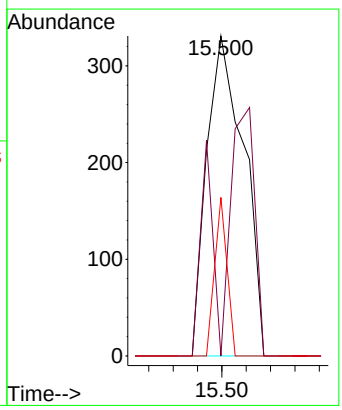


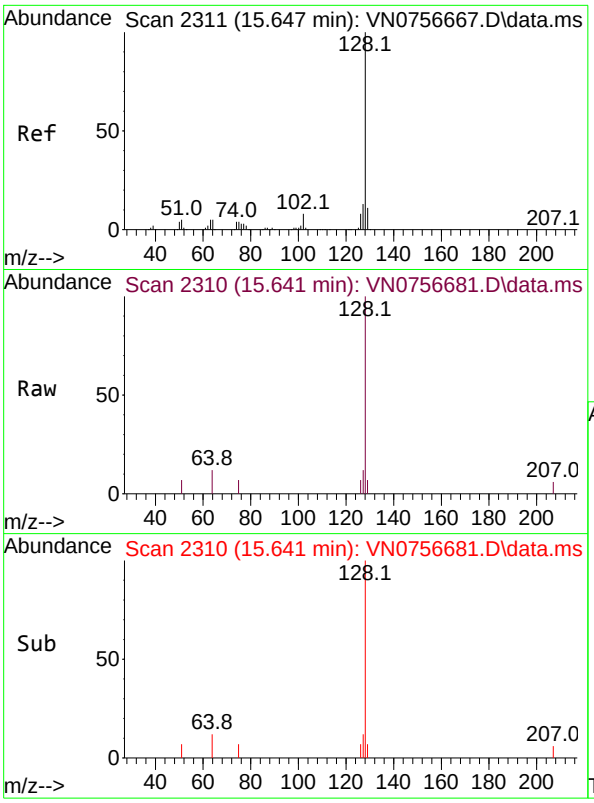


#94
Hexachlorobutadiene
Concen: 0.275 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion:225 Resp: 349

Ion	Ratio	Lower	Upper
225	100		
223	72.2	31.4	94.2
227	16.6	31.3	93.9#



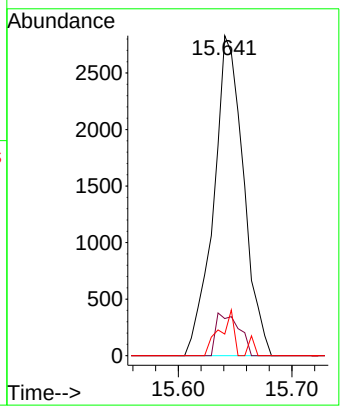


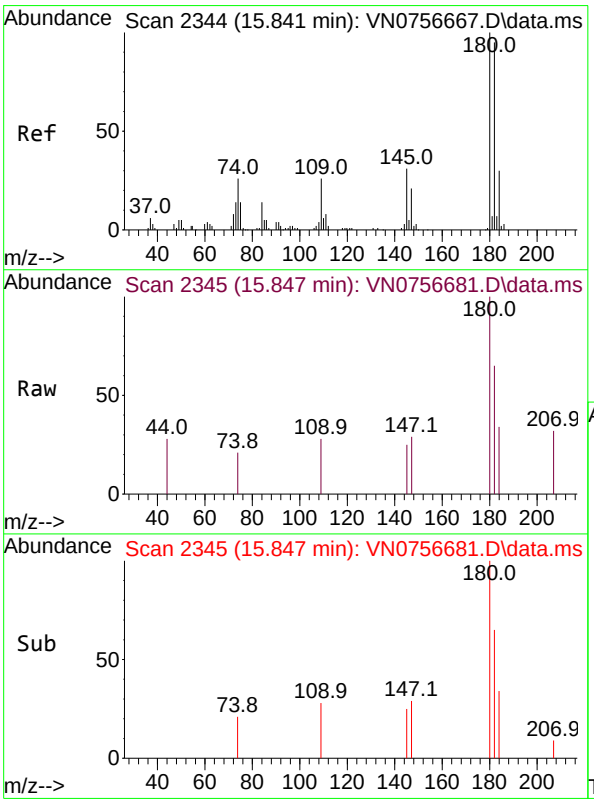
#95
Naphthalene
Concen: 0.783 ug/l
RT: 15.641 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Instrument :
MSVOA_N
ClientSampleId :

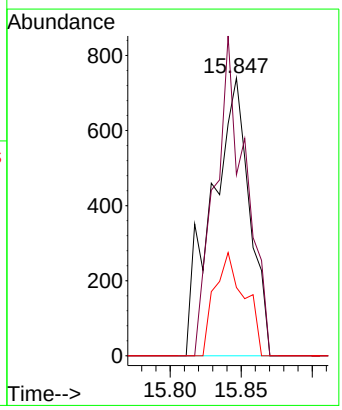
Tgt Ion:128 Resp: 5171

Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.2	15.4#
129	6.7	8.4	12.6#





#96
1,2,3-Trichlorobenzene
Concen: 0.622 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN0756681.D
Acq: 10 Dec 2022 01:07

Tgt Ion:180 Resp: 1365

Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.8	140.4
145	29.5	15.6	46.8