Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
Data File : VN084288.D
Acq On : 03 Oct 2024 11:04
Operator : JC\MD
Sample : P4226-09DL 2X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Quant Time: Oct 04 01:31:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	155559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	91147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117156	50.795	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.580%			
35) Dibromofluoromethane	8.165	113	92063	50.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	10.565	98	330503	49.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.340%			
62) 4-Bromofluorobenzene	12.847	95	109182	45.044	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	1016	0.552	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	13451	7.408	ug/l	95
11) Tert butyl alcohol	5.512	59	271	0.713	ug/l #	73
12) 1,1-Dichloroethene	4.359	96	2049	1.170	ug/l #	60
13) Acrolein	4.177	56	124	0.284	ug/l #	14
17) Carbon Disulfide	4.718	76	1623	0.293	ug/l #	75
24) 1,1-Dichloroethane	6.565	63	1133	0.322	ug/l #	83
26) 2,2-Dichloropropane	7.424	77	1101	0.347	ug/l #	54
27) cis-1,2-Dichloroethene	7.477	96	4038	1.821	ug/l	93
30) Chloroform	7.965	83	1243	0.340	ug/l	98
31) Cyclohexane	8.224	56	3960	1.159	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	14136	5.382	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17462	6.060	ug/l #	15
39) Methylcyclohexane	9.341	83	1846	0.631	ug/l #	2
44) Trichloroethene	9.353	130	129973	67.996	ug/l	97
49) 1,4-Dioxane	9.694	88	287	7.419	ug/l #	42
60) Dibromochloromethane	11.100	129	1077	0.509	ug/l #	11
64) Tetrachloroethene	11.106	164	1180	0.727	ug/l #	65
76) 1,2,3-Trichloropropane	12.847	75	57677	30.996	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57677	74.311	ug/l #	11
88) 1,4-Dichlorobenzene	13.811	146	857	0.270	ug/l #	1
89) n-Butylbenzene	14.059	91	1257	0.249	ug/l #	83
93) 1,2,4-Trichlorobenzene	15.400	180	964	0.634	ug/l	85
94) Hexachlorobutadiene	15.500	225	445	0.587	ug/l #	62
95) Naphthalene	15.635	128	2947	0.585	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.835	180	1282	0.843	ug/l #	75

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

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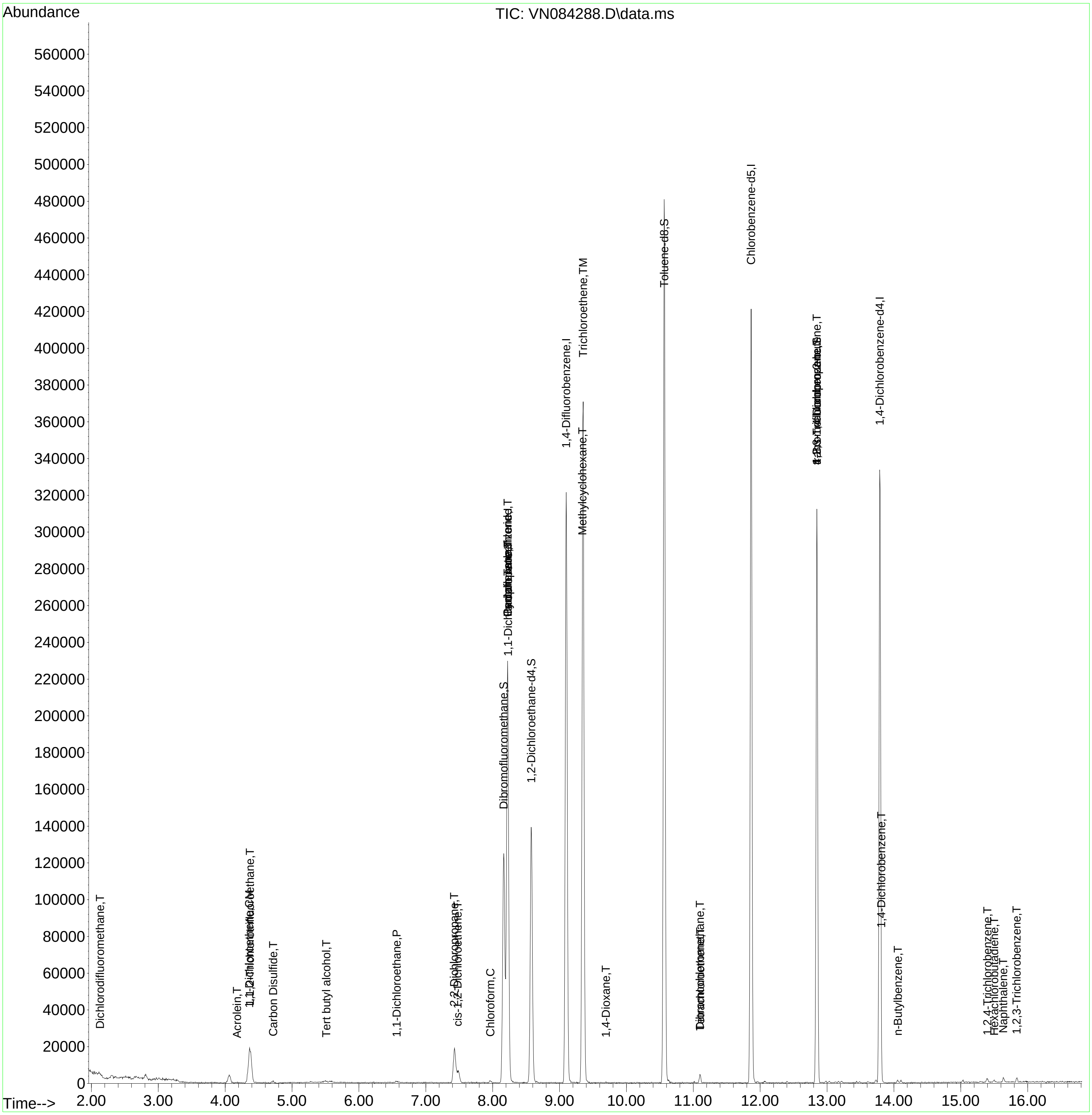
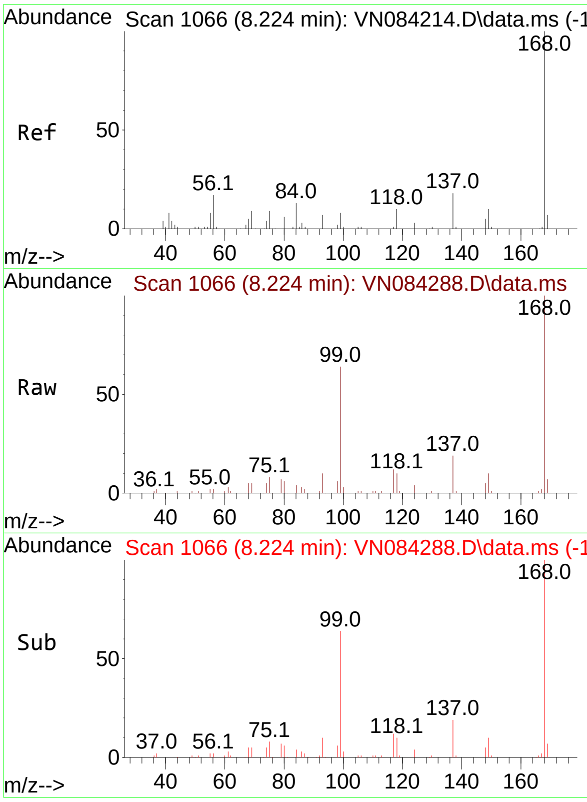
Data File : VN084288.D
Acq On : 03 Oct 2024 11:04
Operator : JC\MD
Sample : P4226-09DL 2X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Quant Time: Oct 04 01:31:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



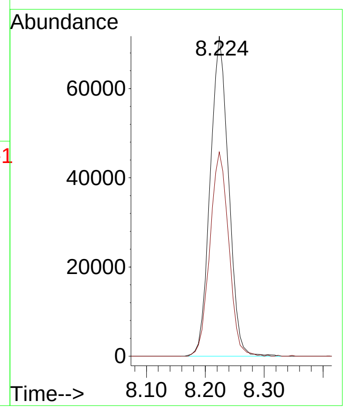


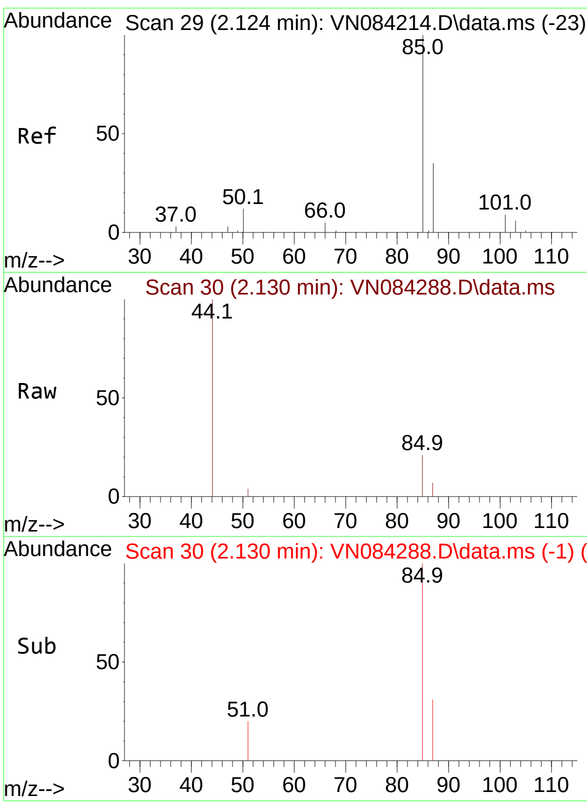
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion:168 Resp: 155559

Ion	Ratio	Lower	Upper
168	100		
99	63.8	54.2	81.2

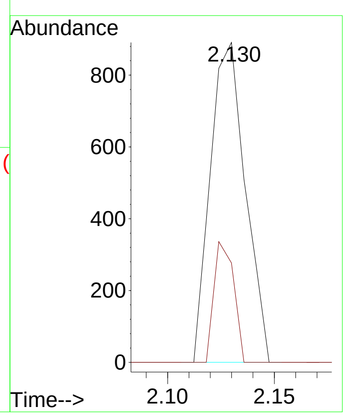


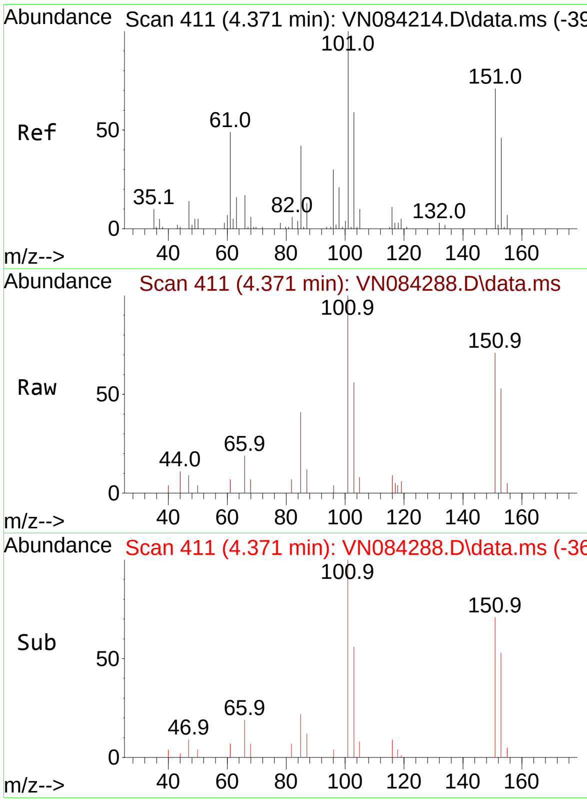


#2
Dichlorodifluoromethane
Concen: 0.552 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 85 Resp: 1016

Ion	Ratio	Lower	Upper
85	100		
87	31.1	17.6	52.9



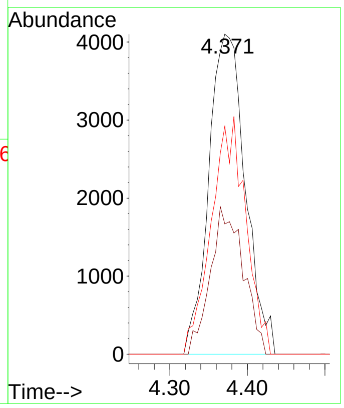


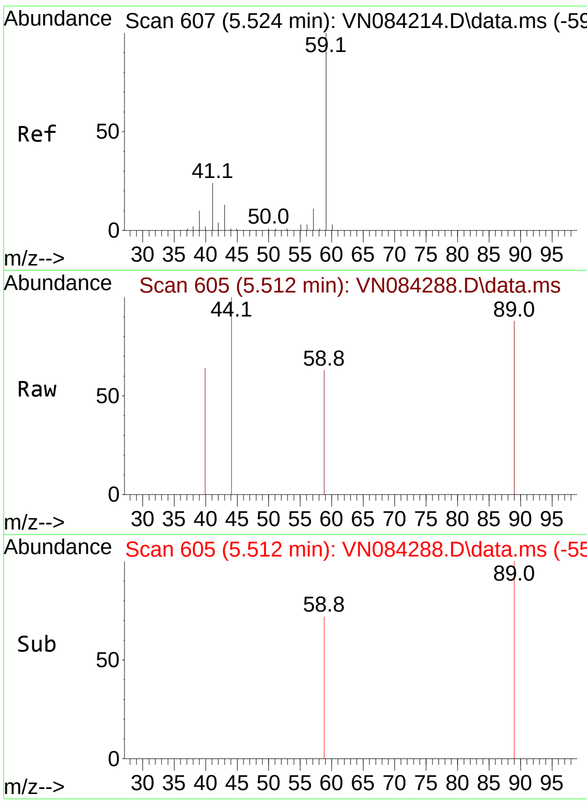
#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.408 ug/l
RT: 4.371 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion:101 Resp: 13451

Ion	Ratio	Lower	Upper
101	100		
85	41.6	36.2	54.4
151	69.9	59.3	88.9

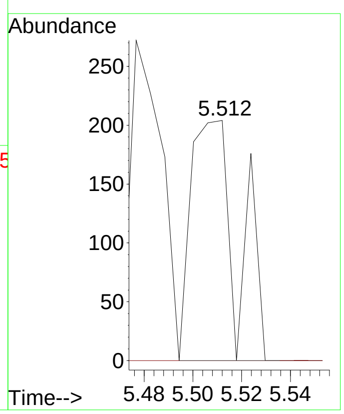


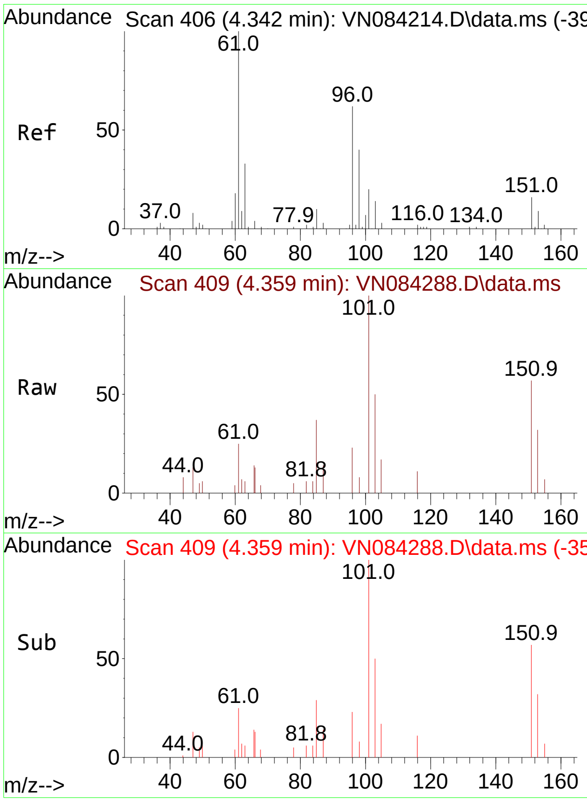


#11
Tert butyl alcohol
Concen: 0.713 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 59 Resp: 271

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#



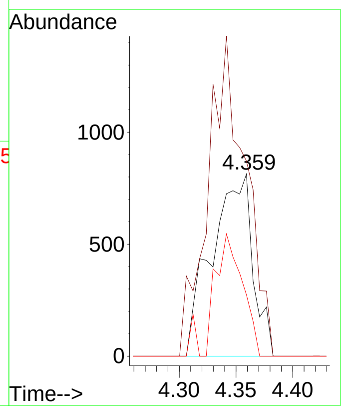


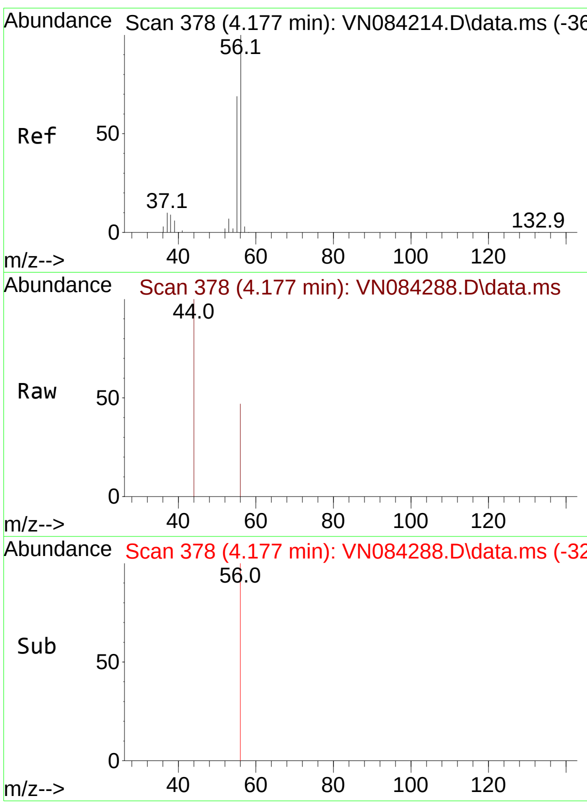
#12
1,1-Dichloroethene
Concen: 1.170 ug/l
RT: 4.359 min Scan# 4
Delta R.T. 0.018 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion: 96 Resp: 2049

Ion	Ratio	Lower	Upper
96	100		
61	107.3	128.6	192.8#
98	33.7	51.7	77.5#

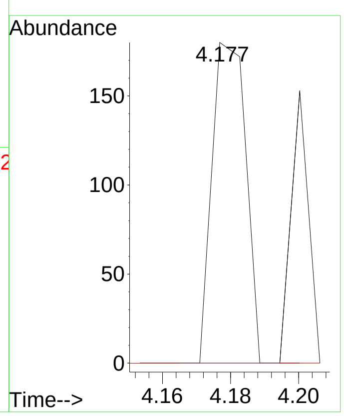


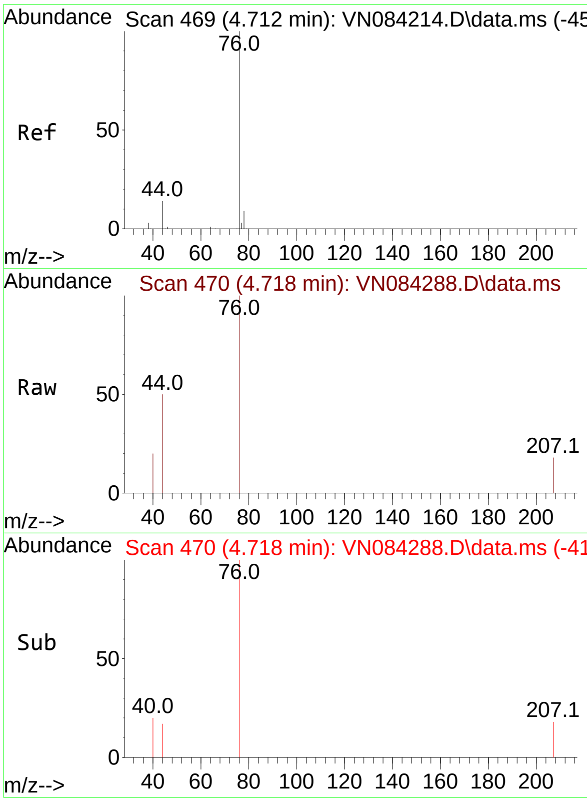


#13
Acrolein
Concen: 0.284 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 56 Resp: 124

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.2	85.8#





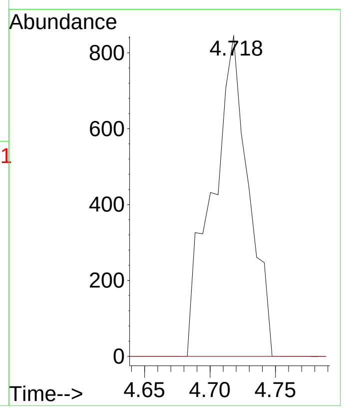
#17
Carbon Disulfide
Concen: 0.293 ug/l
RT: 4.718 min Scan# 4

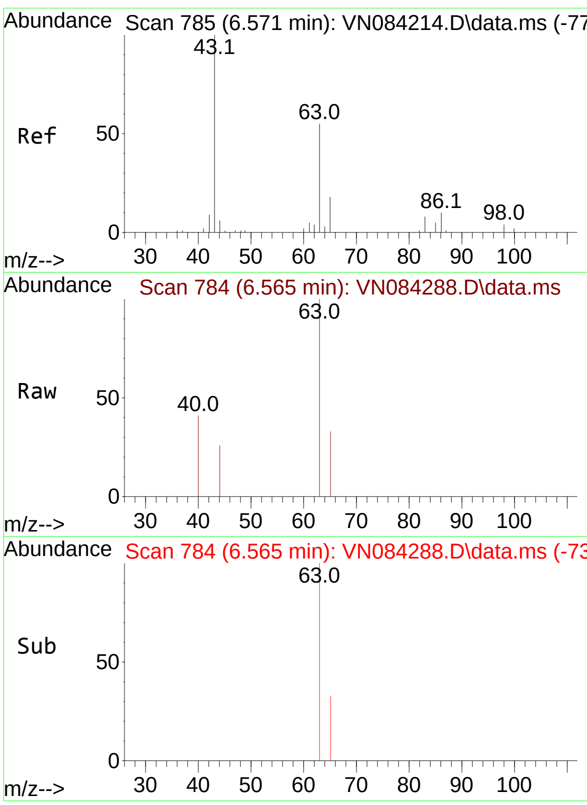
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Delta R.T. 0.006 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 76 Resp: 1623

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

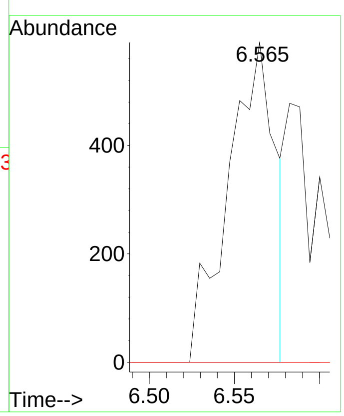


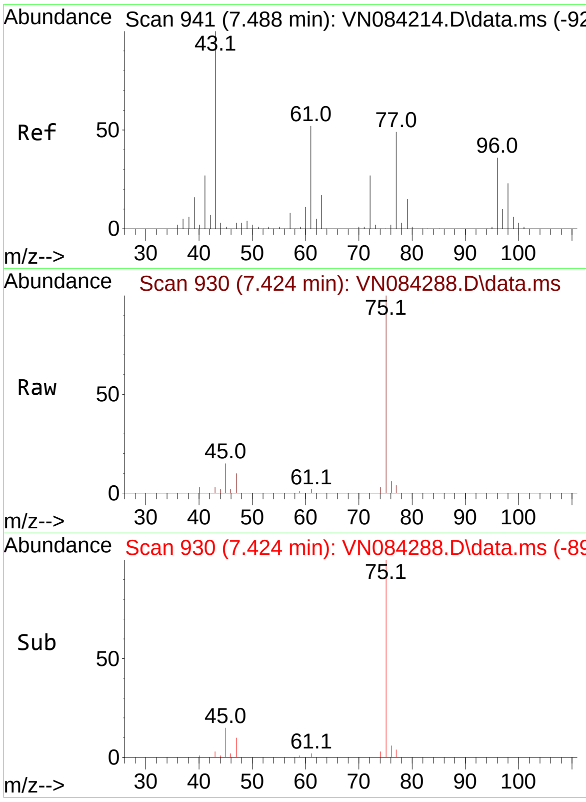


#24
1,1-Dichloroethane
Concen: 0.322 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 63 Resp: 1133

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.2#
100	0.0	2.0	5.8#





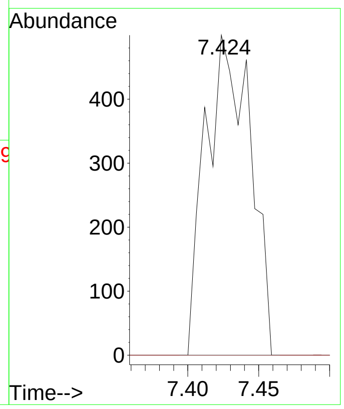
#26
2,2-Dichloropropane
Concen: 0.347 ug/l
RT: 7.424 min Scan# 9

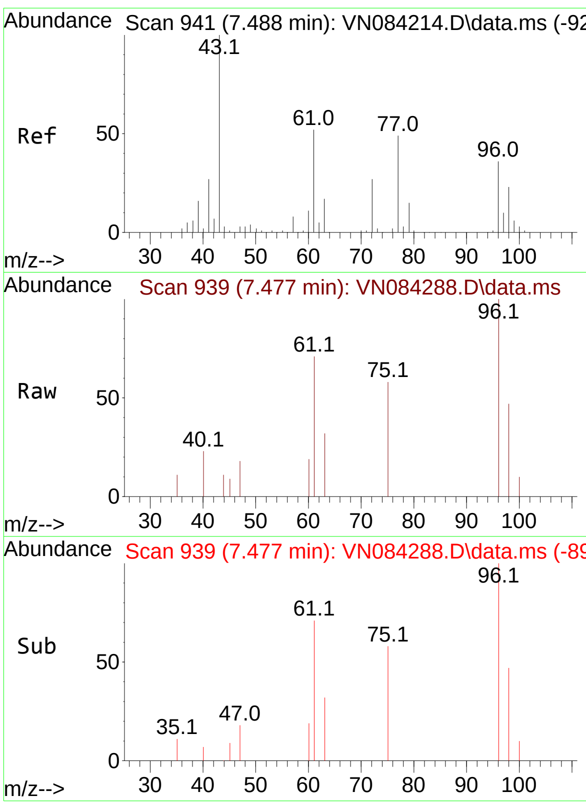
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Delta R.T. -0.065 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 77 Resp: 1101

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.8	32.3#

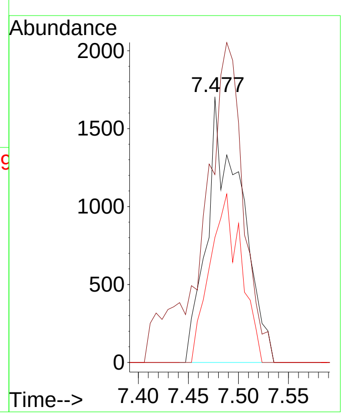


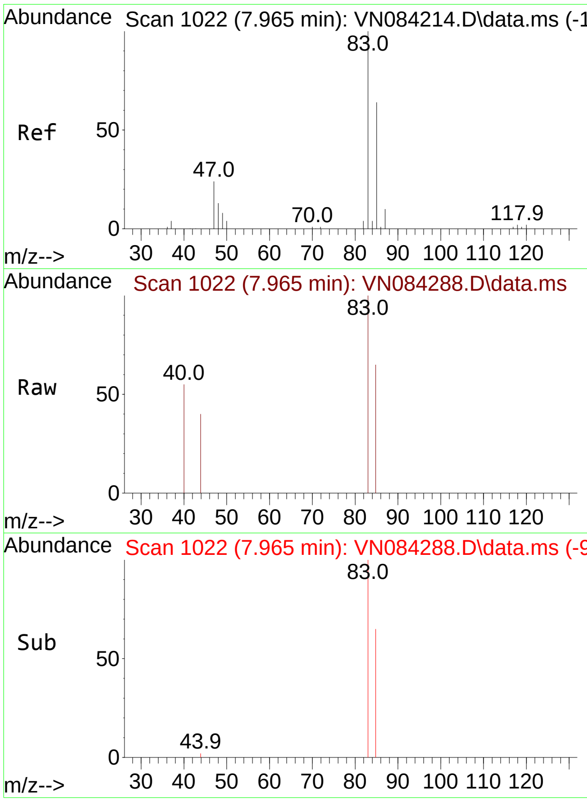


#27
cis-1,2-Dichloroethene
Concen: 1.821 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 96 Resp: 4038

Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	301.8
98	58.4	0.0	128.2





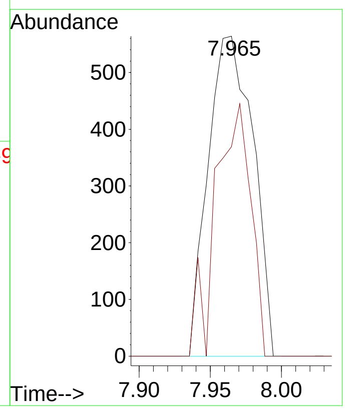
#30
Chloroform
Concen: 0.340 ug/l
RT: 7.965 min Scan# 1

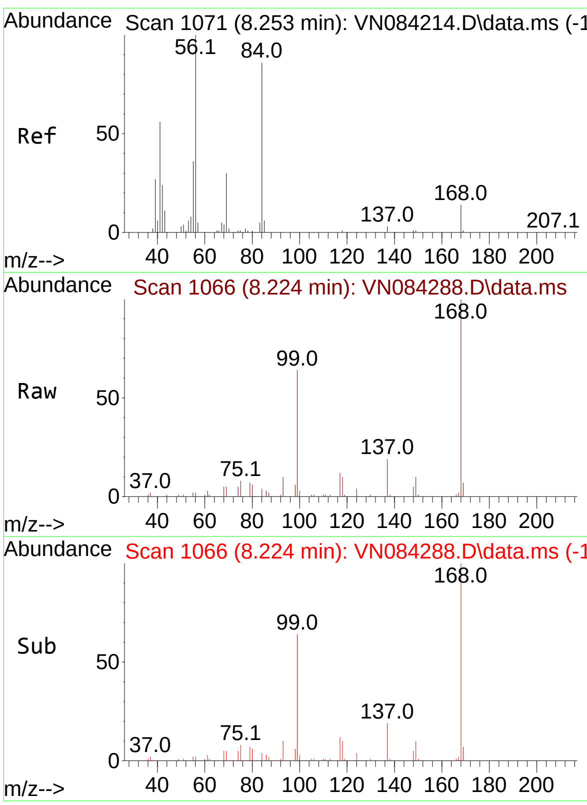
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 83 Resp: 1243

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.4

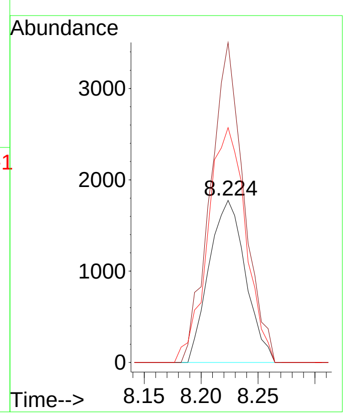


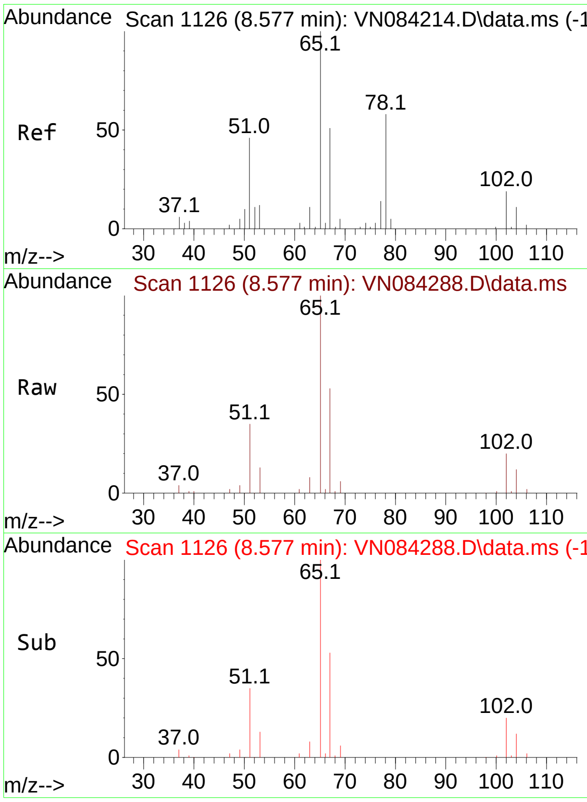


#31
Cyclohexane
Concen: 1.159 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 56 Resp: 3960

Ion	Ratio	Lower	Upper
56	100		
69	197.4	23.8	35.6#
84	144.9	68.8	103.2#



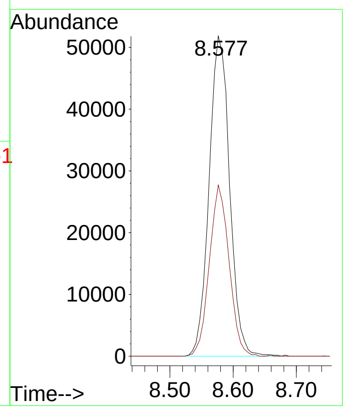


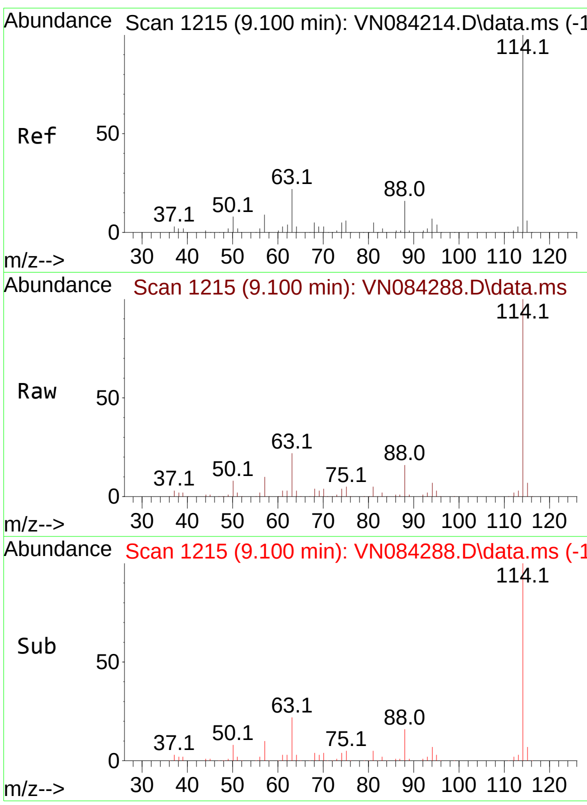
#33
1,2-Dichloroethane-d4
Concen: 50.795 ug/l
RT: 8.577 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024   11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion: 65 Resp: 117156

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.0

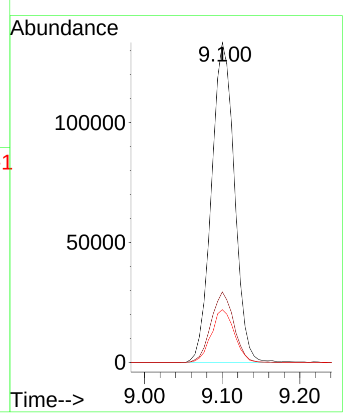


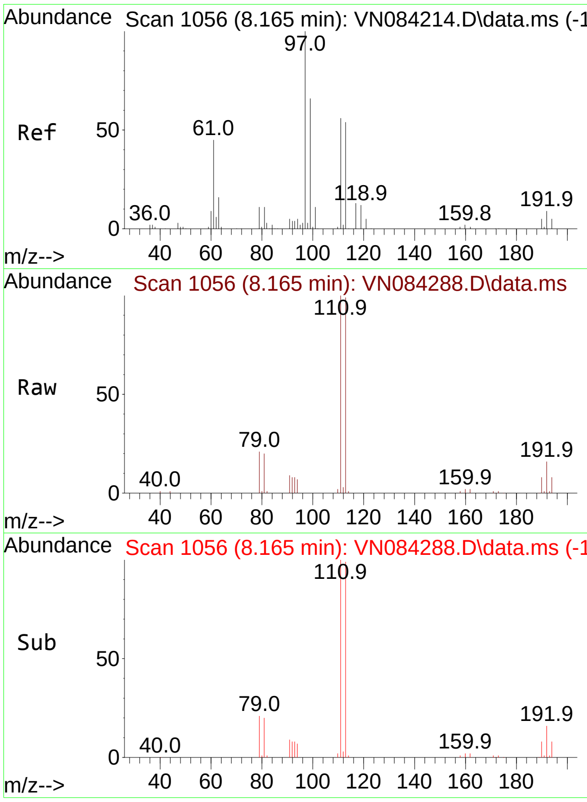


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min   Scan# 1215
Delta R.T.   -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024   11:04

Tgt Ion:114 Resp: 274308

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	16.5	0.0	31.6





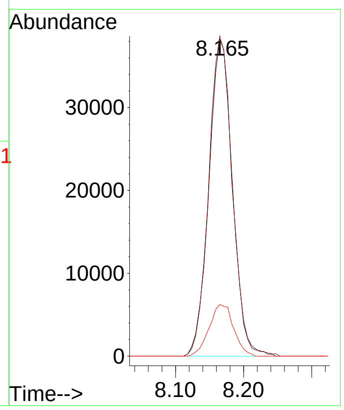
#35
Dibromofluoromethane
Concen: 50.908 ug/l
RT: 8.165 min   Scan# 1

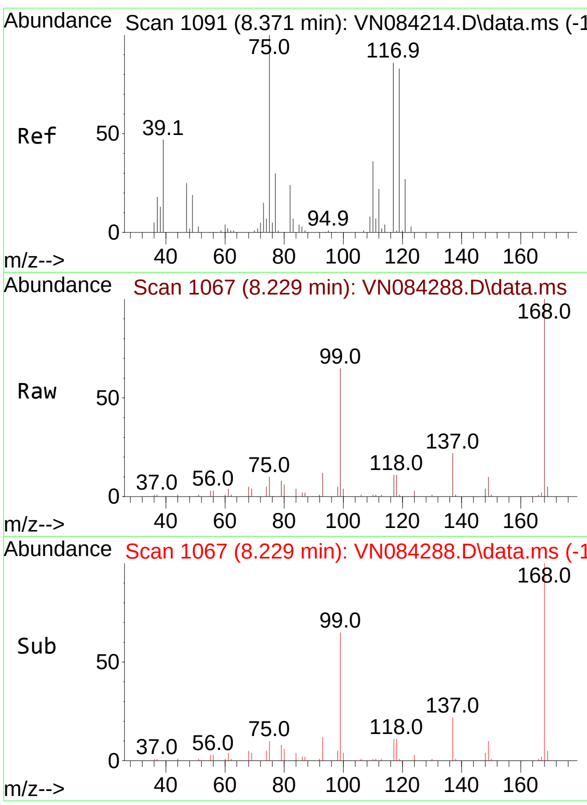
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Delta R.T.   -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024   11:04

Tgt Ion:113 Resp: 92063

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.3	124.9
192	17.0	13.5	20.3

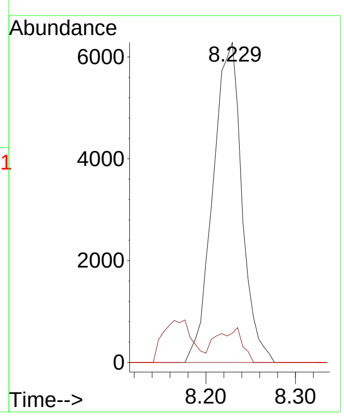


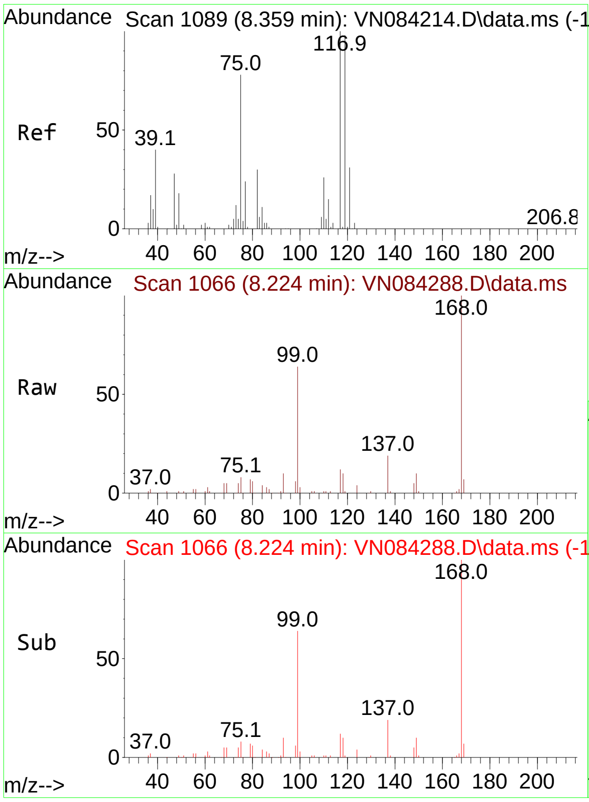


#36
1,1-Dichloropropene
Concen: 5.382 ug/l
RT: 8.229 min   Scan# 1067
Delta R.T.   -0.141 min
Lab File: VN084288.D
Acq: 03 Oct 2024   11:04

Tgt Ion: 75 Resp: 14136

Ion	Ratio	Lower	Upper
75	100		
110	9.6	16.9	50.7#
77	0.0	24.7	37.1#



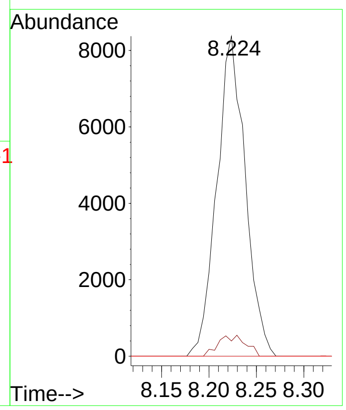


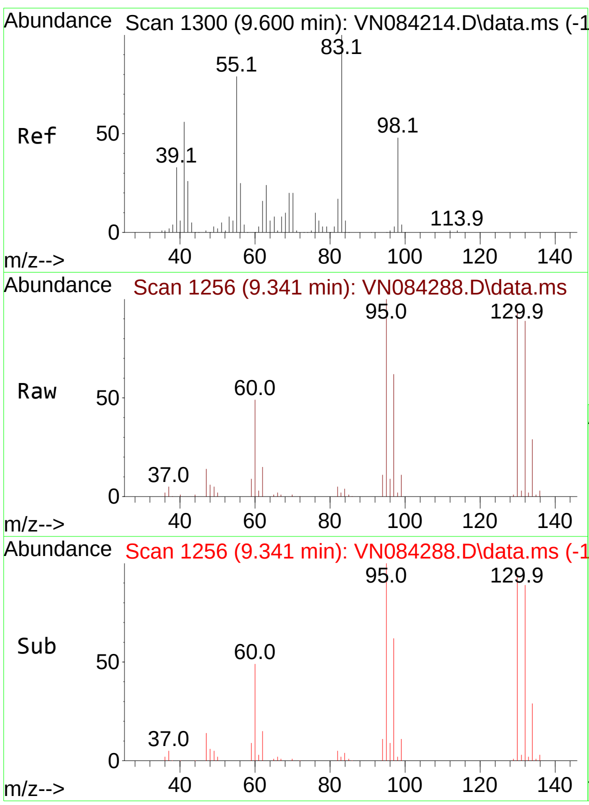
#38
Carbon Tetrachloride
Concen: 6.060 ug/l
RT: 8.224 min Scan# 1(
Delta R.T. -0.135 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion:117 Resp: 17462

Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.7	118.1#
121	0.0	24.4	36.6#

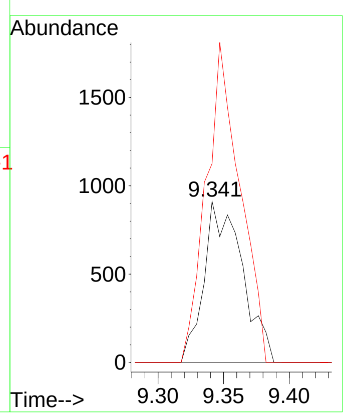


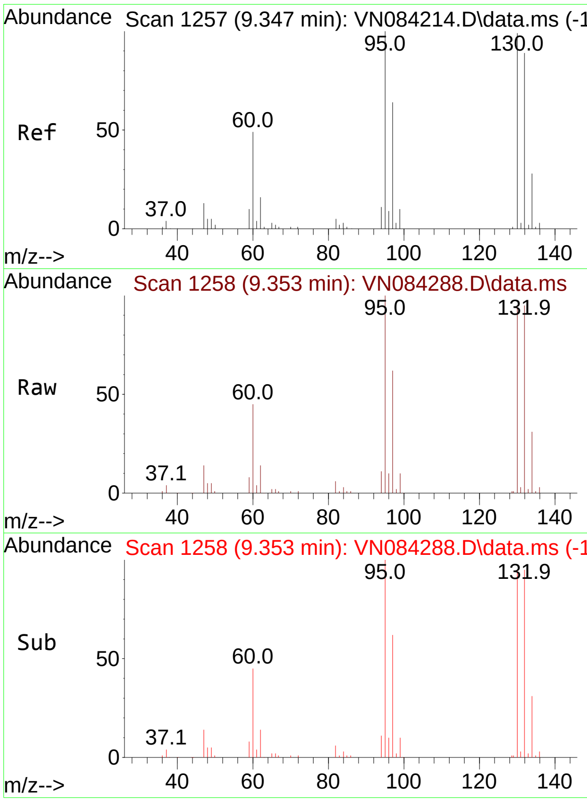


#39
Methylcyclohexane
Concen: 0.631 ug/l
RT: 9.341 min Scan# 1256
Delta R.T. -0.259 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 83 Resp: 1846

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	123.5	38.8	58.2#





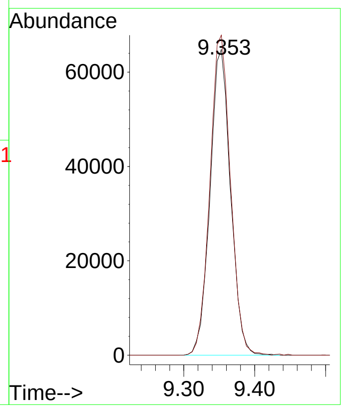
#44
Trichloroethene
Concen: 67.996 ug/l
RT: 9.353 min Scan# 1

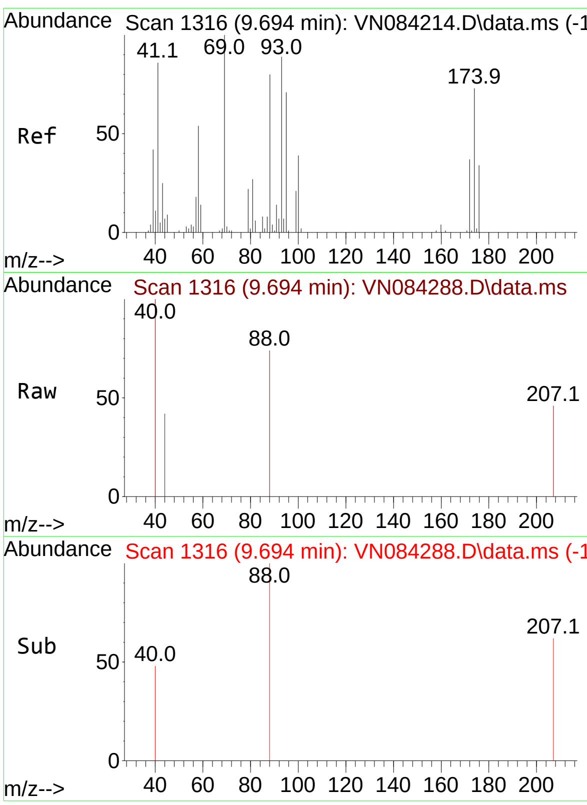
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Delta R.T. 0.006 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion:130 Resp: 129973

Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	203.0

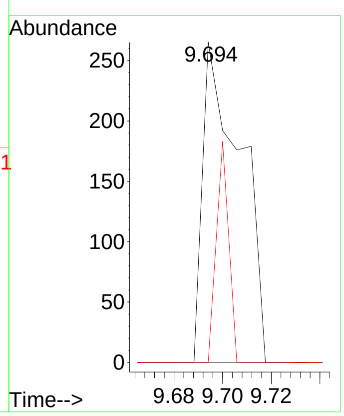


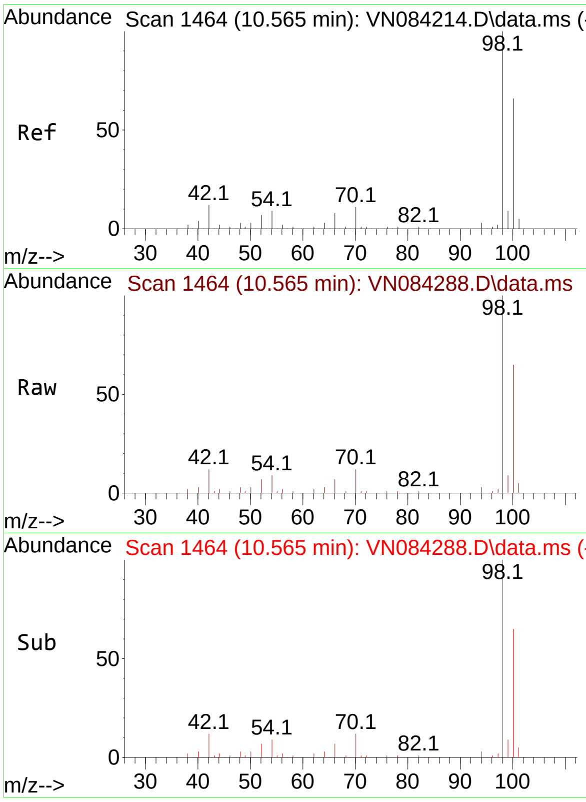


#49
1,4-Dioxane
Concen: 7.419 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 88 Resp: 287

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.3	37.9#
58	22.6	56.4	84.6#



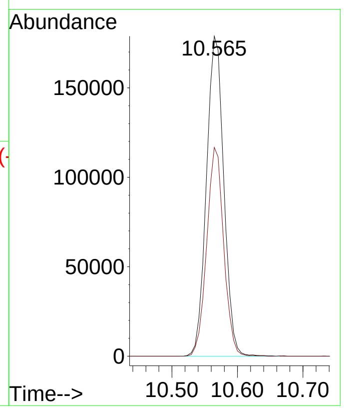


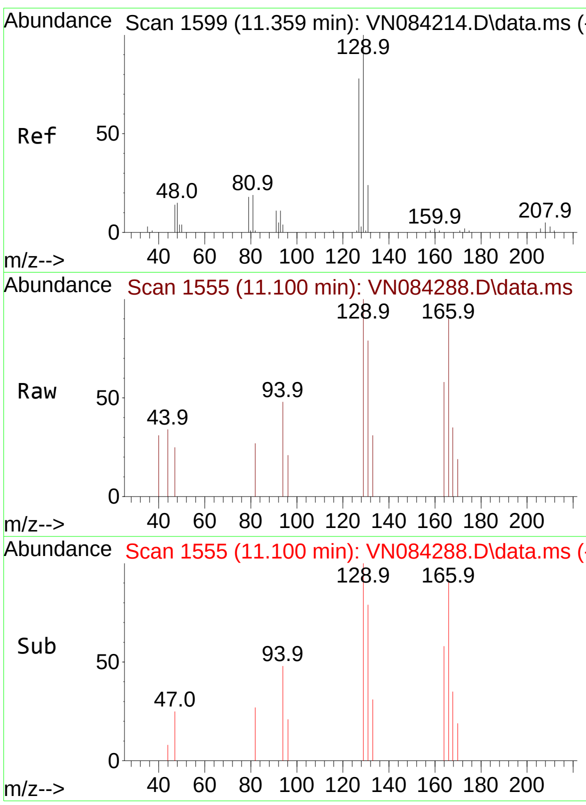
#50
Toluene-d8
Concen: 49.675 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion: 98 Resp: 330503

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.7	79.1

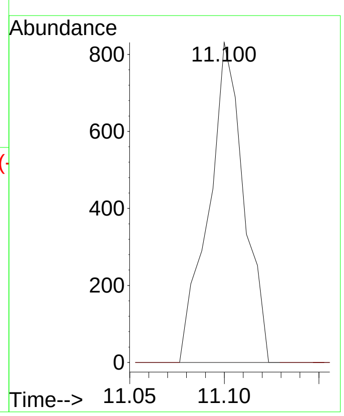


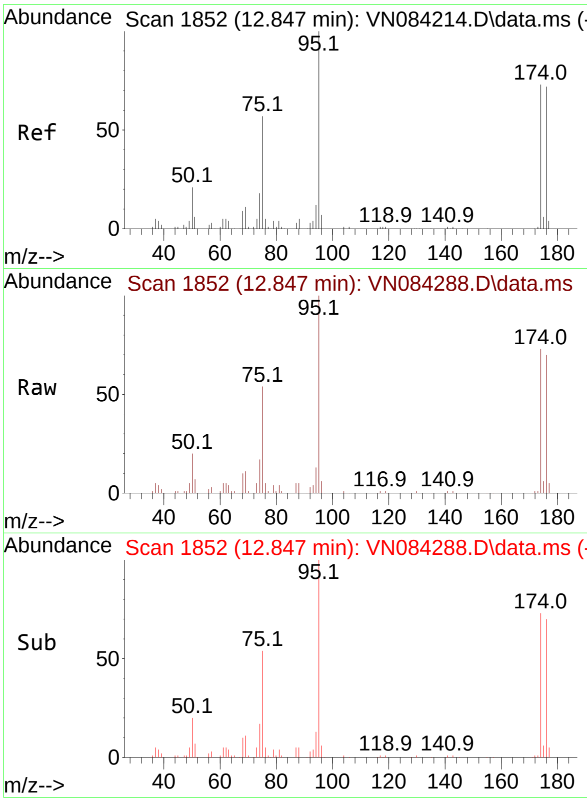


#60
Dibromochloromethane
Concen: 0.509 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion:129 Resp: 1077

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.3	114.9#



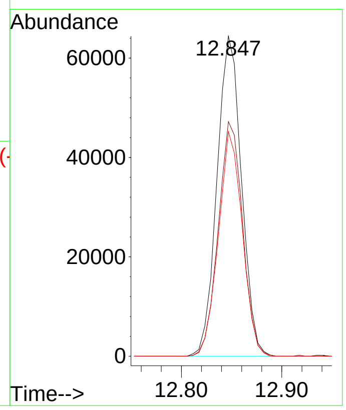


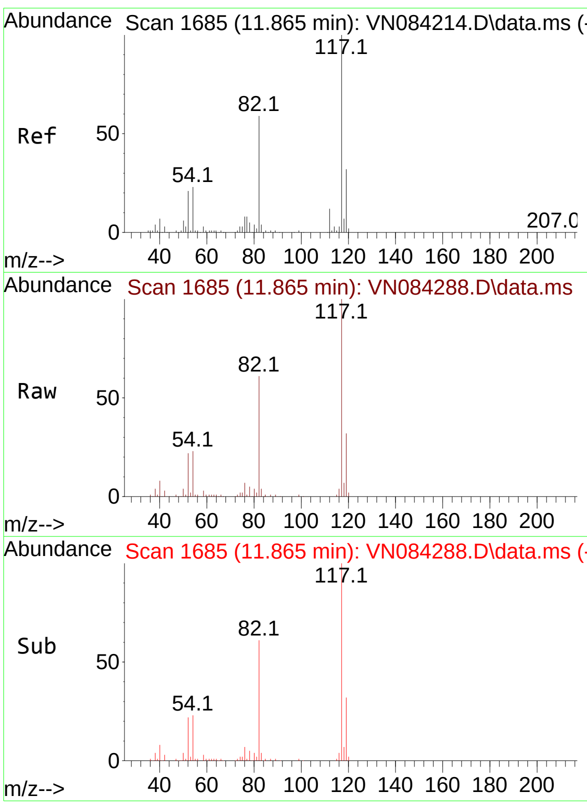
#62
4-Bromofluorobenzene
Concen: 45.044 ug/l
RT: 12.847 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024   11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion: 95 Resp: 109182

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.2
176	68.6	0.0	140.0

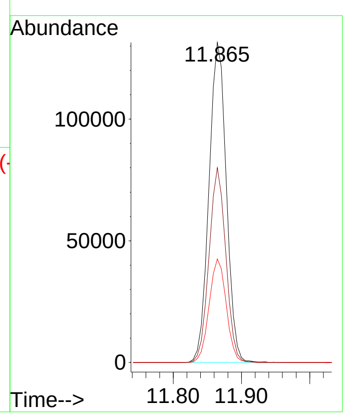


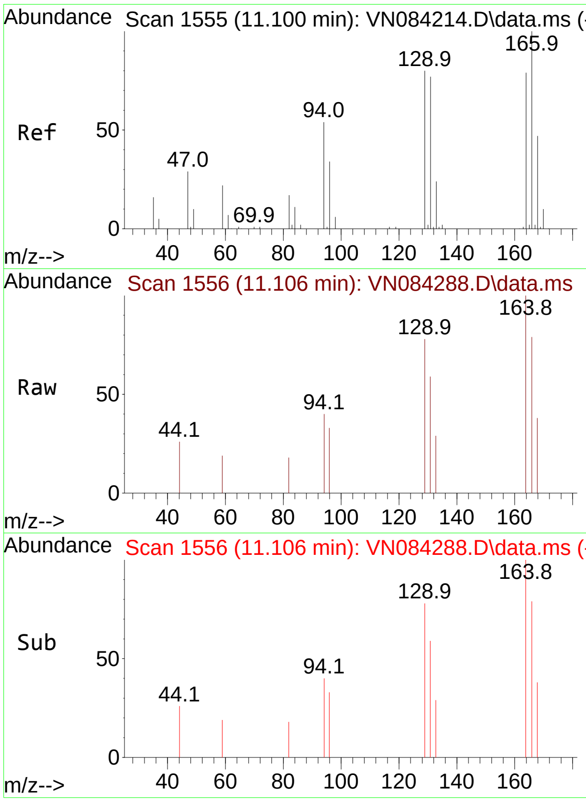


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min   Scan# 1685
Delta R.T.   -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024   11:04

Tgt Ion:117 Resp: 233181

Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.2	70.8
119	32.4	25.4	38.0



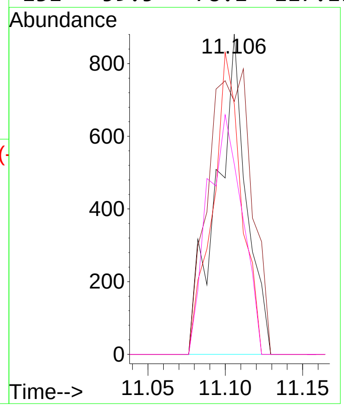


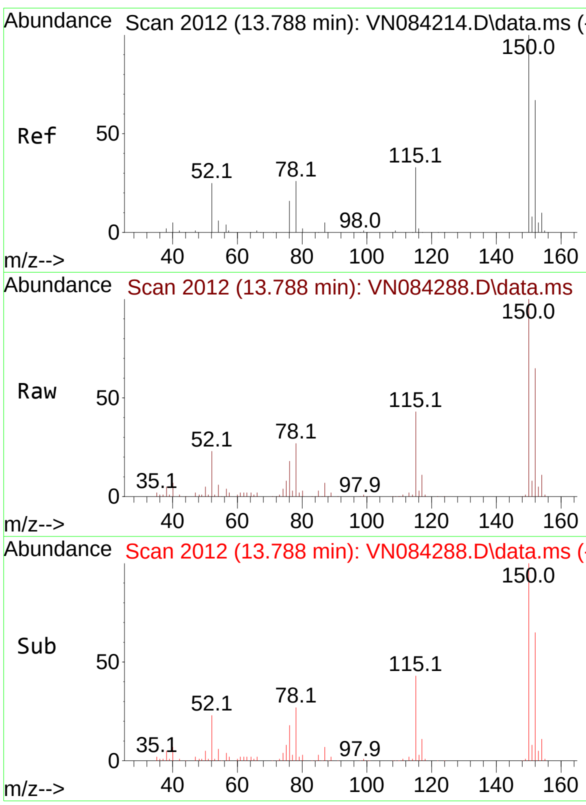
#64
Tetrachloroethene
Concen: 0.727 ug/l
RT: 11.106 min Scan# 1!
Delta R.T. 0.006 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion:164 Resp: 1180

Ion	Ratio	Lower	Upper
164	100		
166	79.0	101.0	151.4#
129	78.2	80.8	121.2#
131	59.5	78.1	117.1#

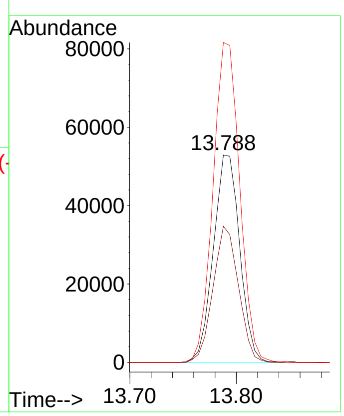


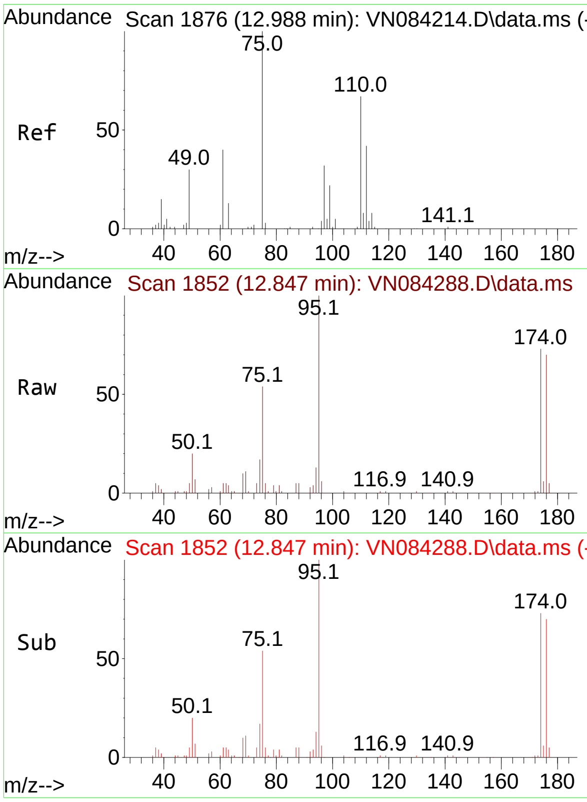


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion:152 Resp: 91147

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.3	93.9
150	156.3	0.0	349.8



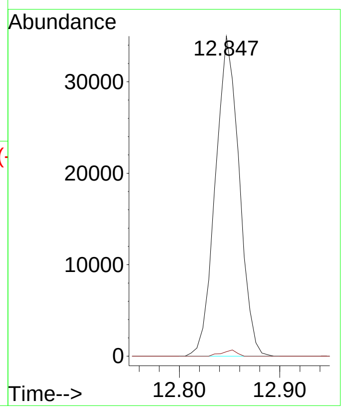


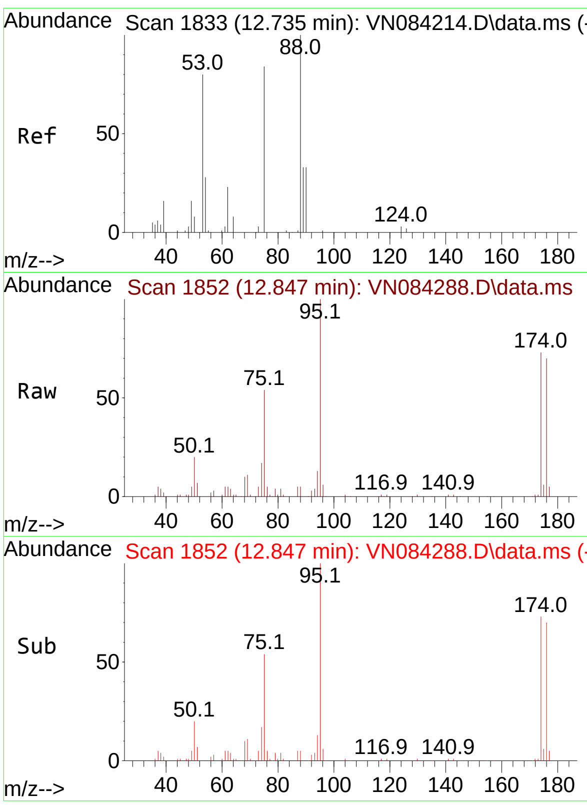
#76
1,2,3-Trichloropropane
Concen: 30.996 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion: 75 Resp: 57677

Ion	Ratio	Lower	Upper
75	100		
77	1.2	96.9	290.7#

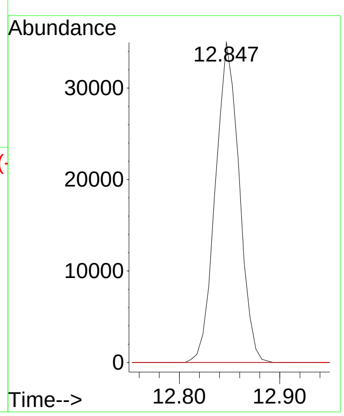


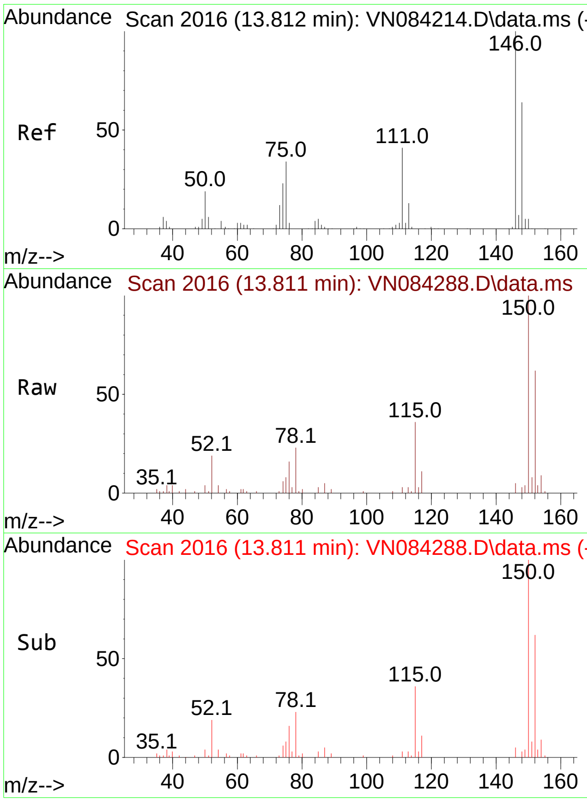


#81
trans-1,4-Dichloro-2-butene
Concen: 74.311 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 75 Resp: 57677

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.0	117.0#
89	0.0	35.5	53.3#



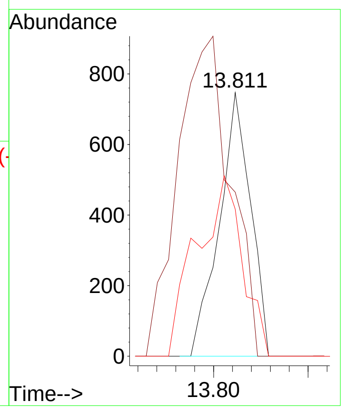


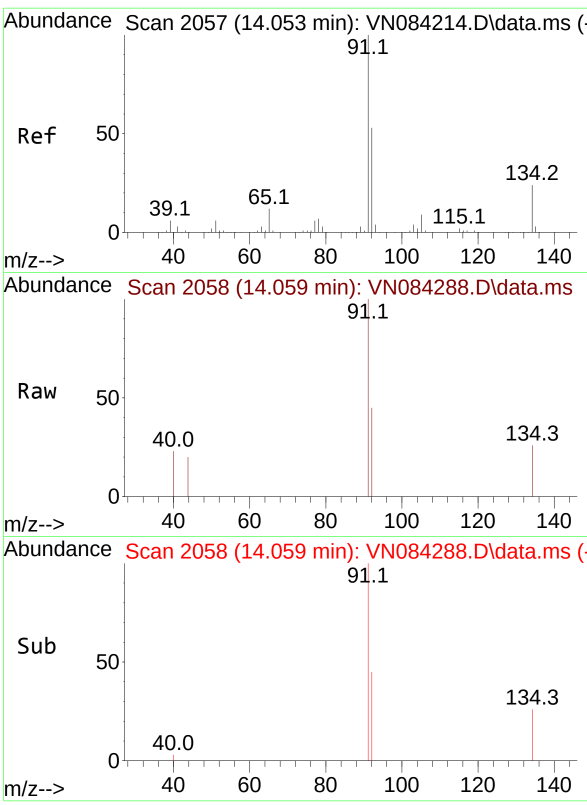
#88
1,4-Dichlorobenzene
Concen: 0.270 ug/l
RT: 13.811 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Tgt Ion:146 Resp: 857

Ion	Ratio	Lower	Upper
146	100		
111	204.0	21.2	63.6#
148	100.4	31.9	95.9#

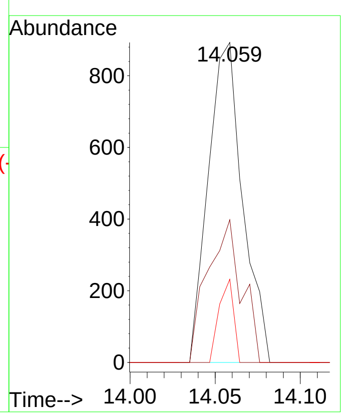


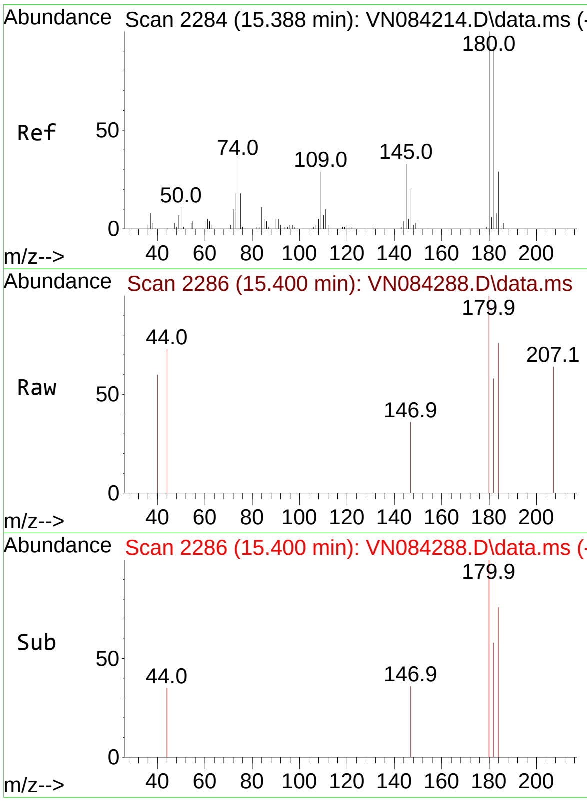


#89
n-Butylbenzene
Concen: 0.249 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion: 91 Resp: 1257

Ion	Ratio	Lower	Upper
91	100		
92	44.1	26.6	79.7
134	11.1	12.3	36.9#





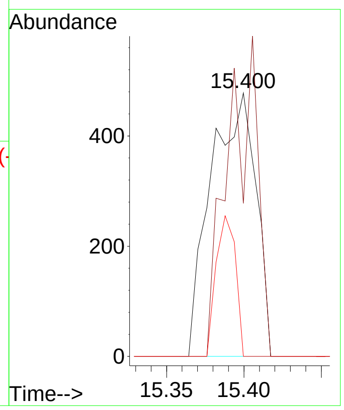
#93
1,2,4-Trichlorobenzene
Concen: 0.634 ug/l
RT: 15.400 min   Scan# 2

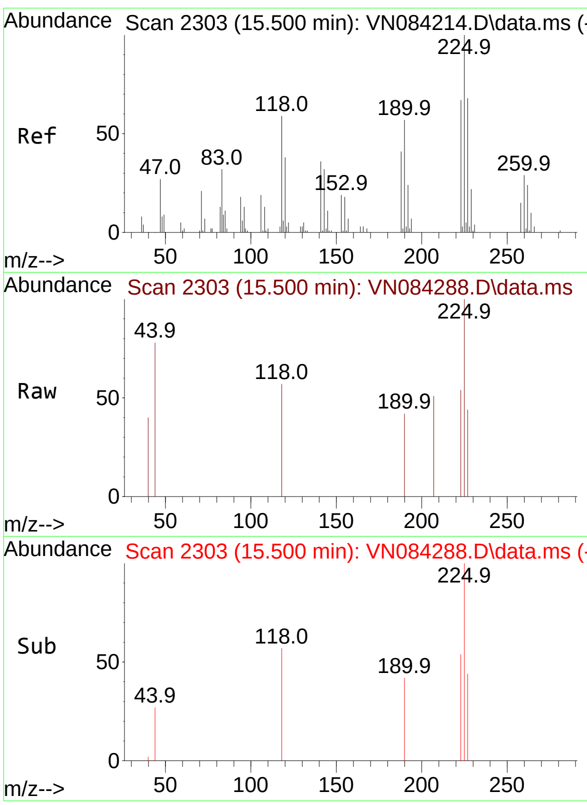
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Delta R.T.   0.012 min
Lab File: VN084288.D
Acq: 03 Oct 2024   11:04

Tgt Ion:180 Resp: 964

Ion	Ratio	Lower	Upper
180	100		
182	80.2	47.0	141.0
145	23.2	16.4	49.4

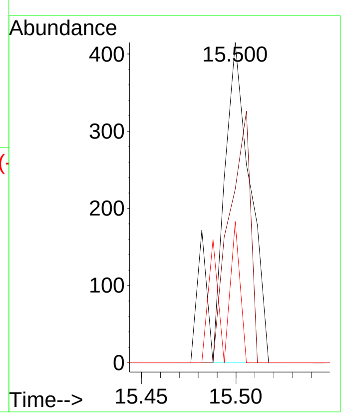


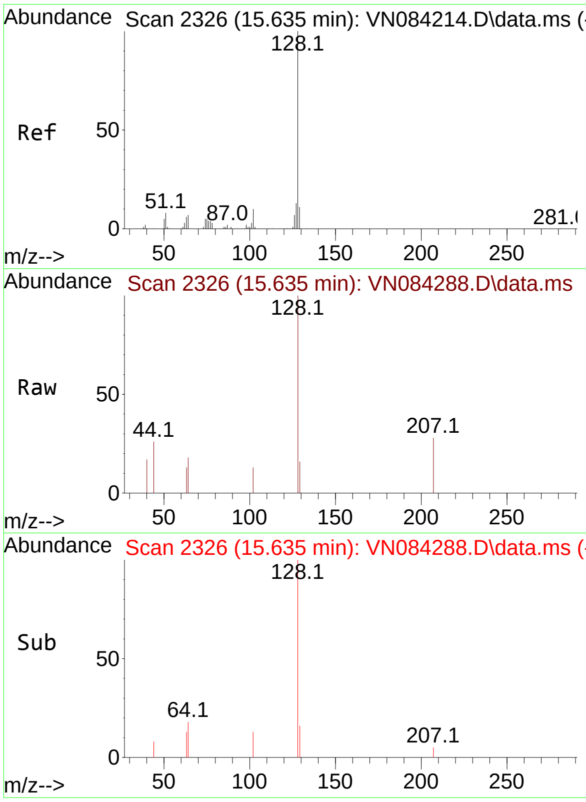


#94
Hexachlorobutadiene
Concen: 0.587 ug/l
RT: 15.500 min   Scan# 2303
Delta R.T.   -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024   11:04

Tgt Ion:225 Resp: 445

Ion	Ratio	Lower	Upper
225	100		
223	56.6	32.4	97.2
227	12.6	32.4	97.0#





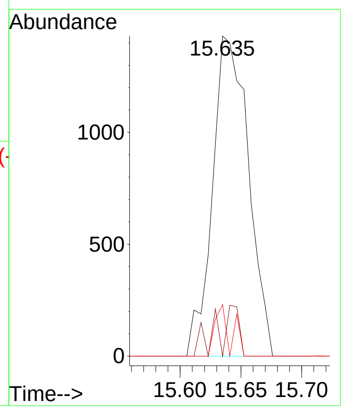
#95
Naphthalene
Concen: 0.585 ug/l
RT: 15.635 min Scan# 2

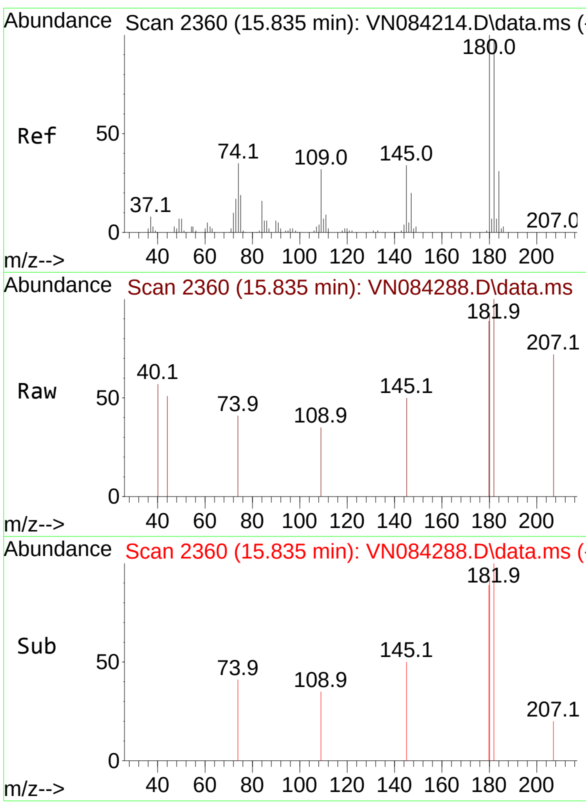
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924DL

Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion:128 Resp: 2947

Ion	Ratio	Lower	Upper
128	100		
127	7.9	10.5	15.7#
129	7.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.843 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN084288.D
Acq: 03 Oct 2024 11:04

Tgt Ion:180 Resp: 1282

Ion	Ratio	Lower	Upper
180	100		
182	74.3	48.2	144.6
145	16.5	17.3	51.9#