Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
Data File : VN087053.D
Acq On : 17 Jun 2025 12:56
Operator : JC\MD
Sample : Q2299-16DL 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Quant Time: Jun 18 01:46:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	272313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	524978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	453855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	219879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169747	46.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.120%			
35) Dibromofluoromethane	8.177	113	153523	49.346	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.700%			
50) Toluene-d8	10.565	98	615838	50.002	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.000%			
62) 4-Bromofluorobenzene	12.847	95	221456	48.397	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.800%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.406	101	192795	64.940	ug/l	98
16) Acetone	4.448	43	630	0.326	ug/l #	40
31) Cyclohexane	8.230	56	4616	0.781	ug/l #	1
36) 1,1-Dichloropropene	8.236	75	20004	4.315	ug/l #	48
38) Carbon Tetrachloride	8.230	117	26144	5.744	ug/l #	17
44) Trichloroethene	9.353	130	21017	5.847	ug/l	96
51) 4-Methyl-2-Pentanone	10.565	43	1857	0.326	ug/l #	1
60) Dibromochloromethane	11.100	129	15815	4.258	ug/l #	11
64) Tetrachloroethene	11.106	164	16088	5.601	ug/l	89
76) 1,2,3-Trichloropropane	12.847	75	100252	19.181	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	100252	44.154	ug/l #	16
86) p-Isopropyltoluene	13.723	119	3172	0.218	ug/l	85
89) n-Butylbenzene	14.059	91	3466	0.246	ug/l	94
90) Hexachloroethane	14.323	117	579	0.235	ug/l #	17
94) Hexachlorobutadiene	15.494	225	988	0.598	ug/l	97
95) Naphthalene	15.641	128	8761	0.531	ug/l	95
96) 1,2,3-Trichlorobenzene	15.841	180	973	0.221	ug/l #	78

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
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Misc : 5.0mL/MSVOA_N/WATER
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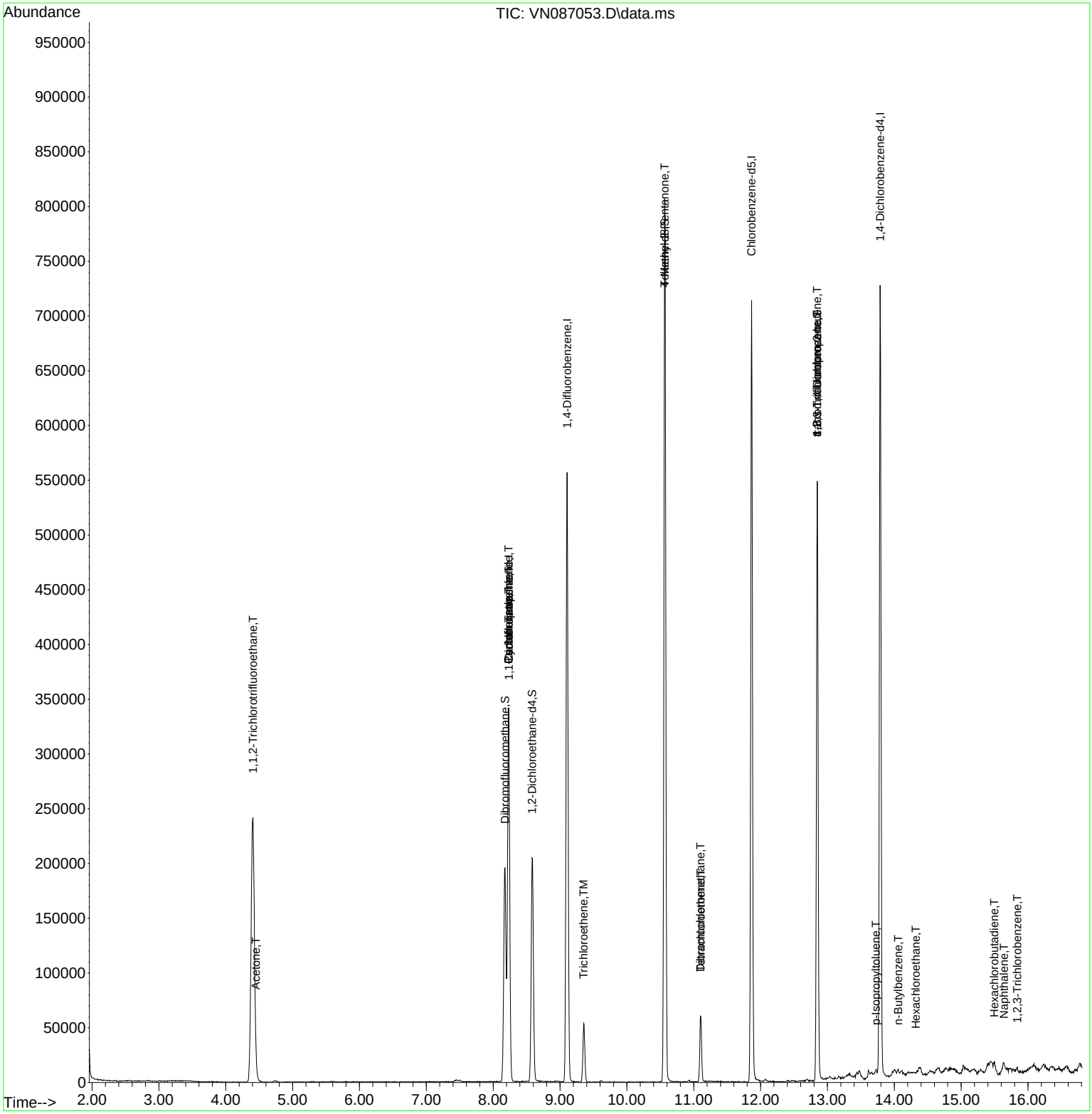
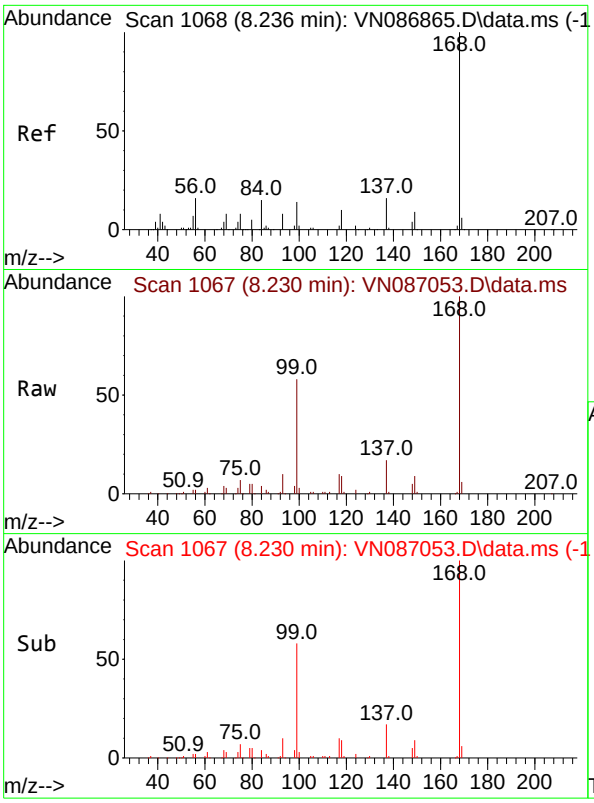
Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Quant Time: Jun 18 01:46:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



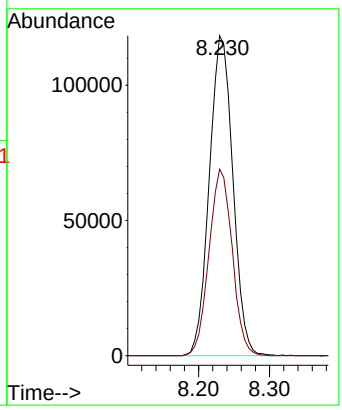


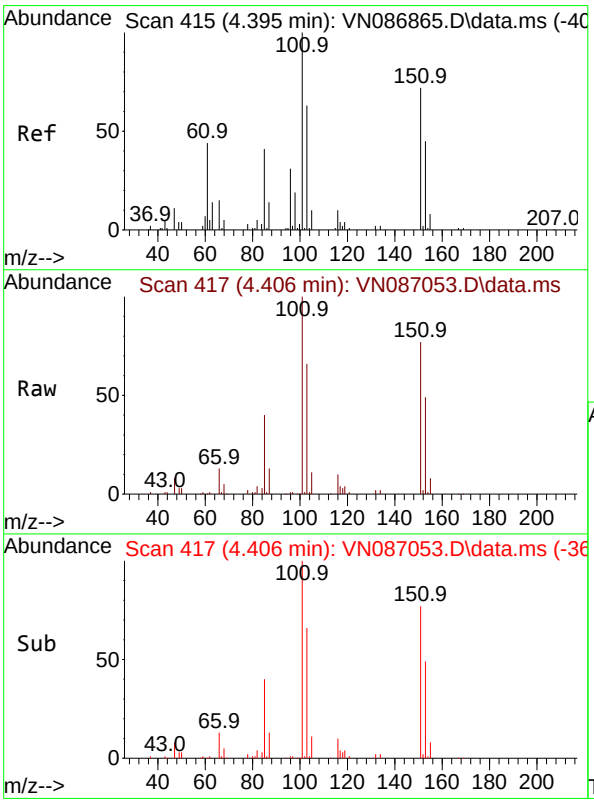
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion:168 Resp: 272313

Ion	Ratio	Lower	Upper
168	100		
99	58.3	49.1	73.7

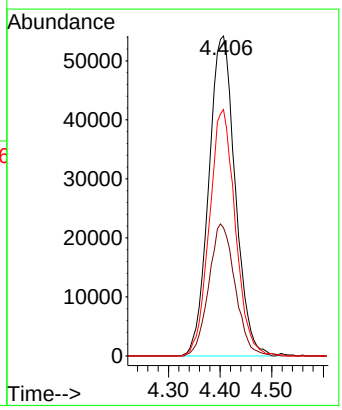


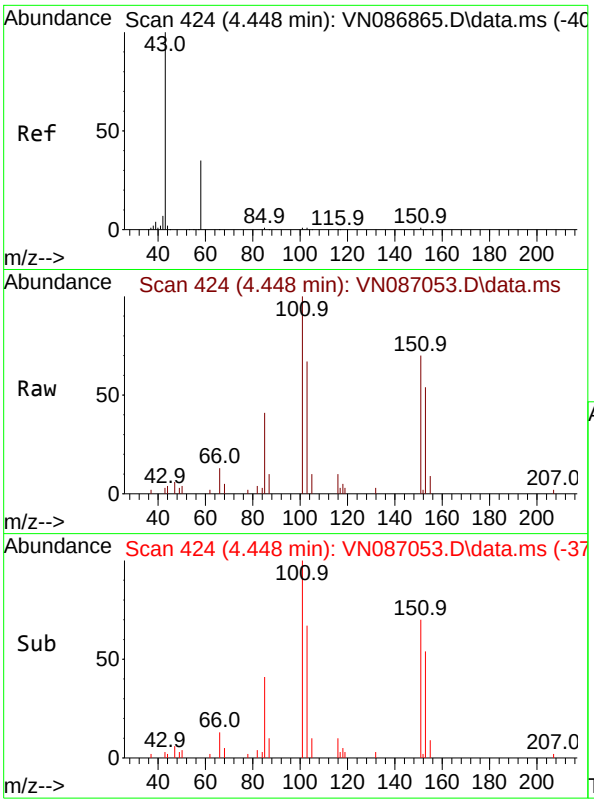


#9
1,1,2-Trichlorotrifluoroethane
Concen: 64.940 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.012 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:101 Resp: 192795

Ion	Ratio	Lower	Upper
101	100		
85	40.9	33.8	50.8
151	75.6	58.7	88.1



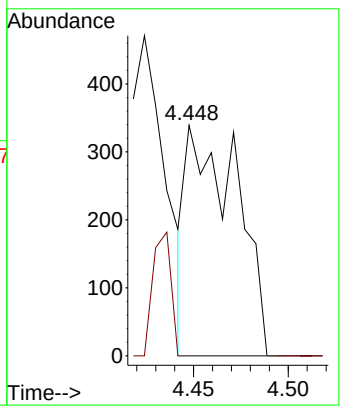


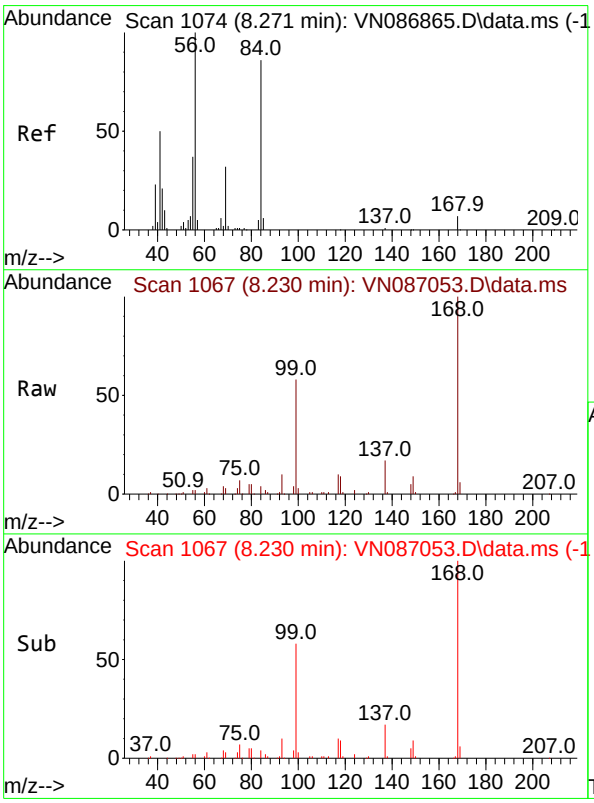
#16
Acetone
Concen: 0.326 ug/l
RT: 4.448 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion: 43 Resp: 630

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#

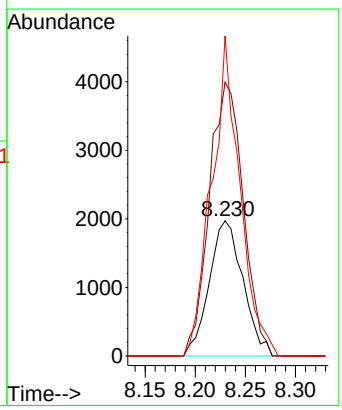


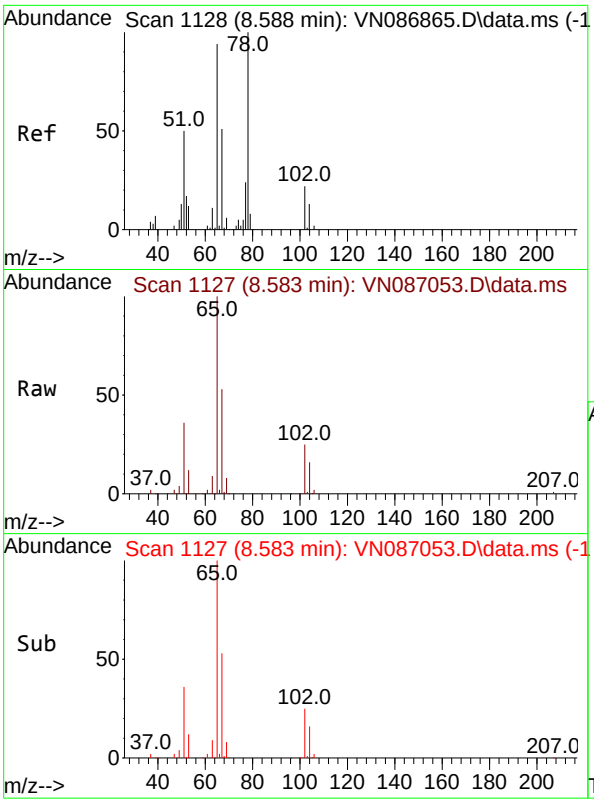


#31
Cyclohexane
Concen: 0.781 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion: 56 Resp: 4616

Ion	Ratio	Lower	Upper
56	100		
69	202.5	25.4	38.0#
84	236.7	68.8	103.2#



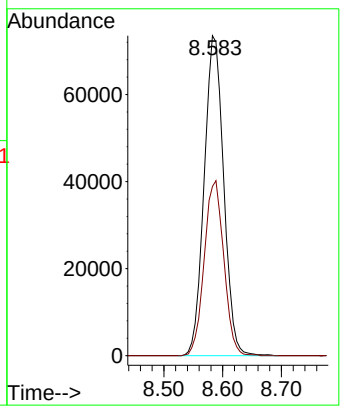


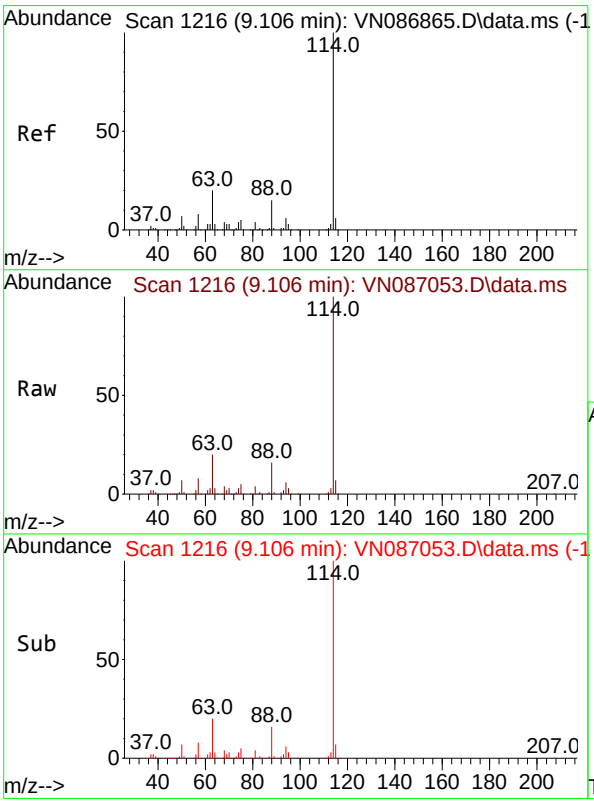
#33
1,2-Dichloroethane-d4
Concen: 46.557 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion: 65 Resp: 169747

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	105.6

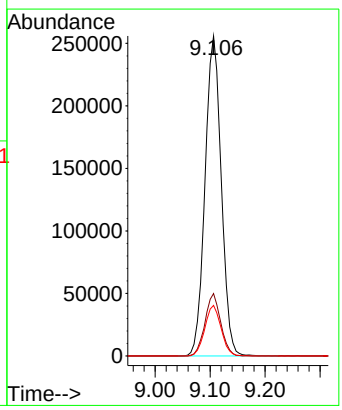


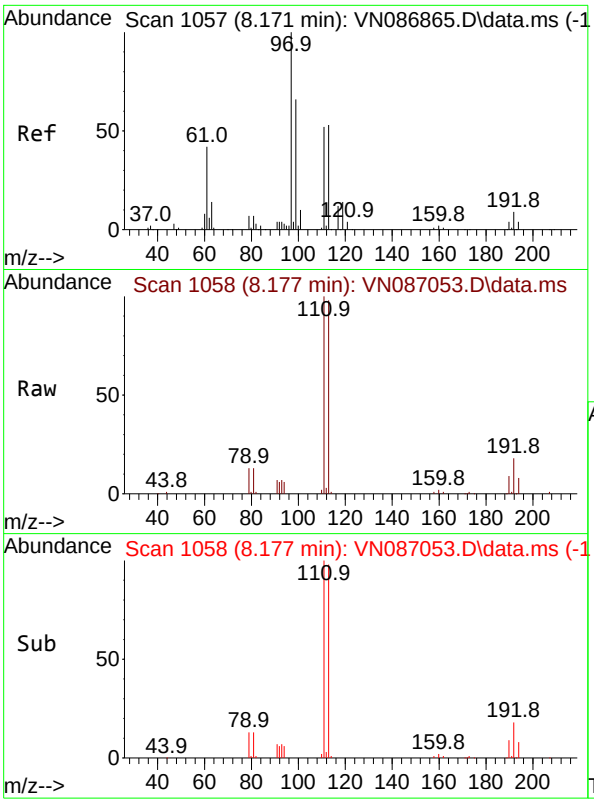


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:114 Resp: 524978

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.6
88	15.8	0.0	30.2



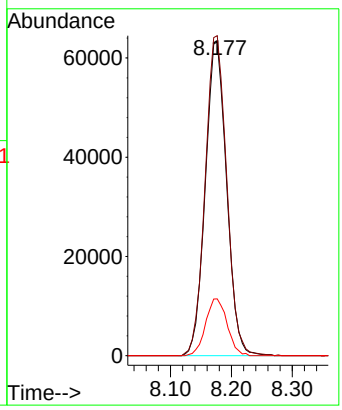


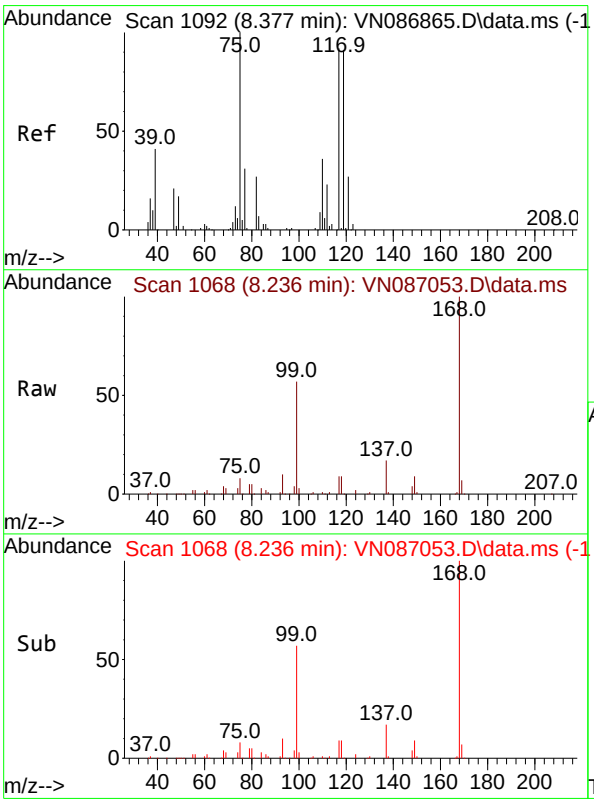
#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion:113 Resp: 153523

Ion	Ratio	Lower	Upper
113	100		
111	103.2	84.2	126.2
192	18.3	14.2	21.4

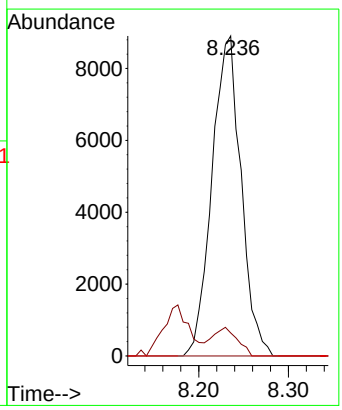


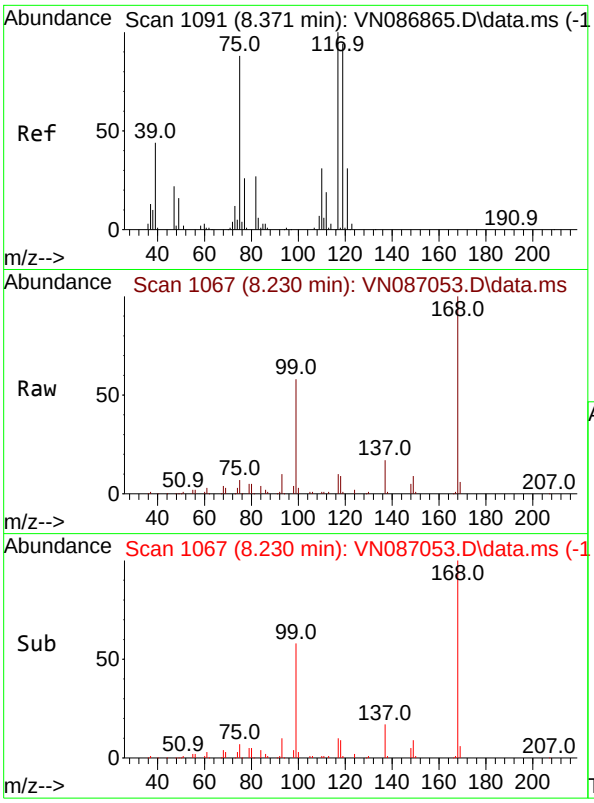


#36
1,1-Dichloropropene
Concen: 4.315 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion: 75 Resp: 20004

Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.6	52.9#
77	0.0	25.3	37.9#



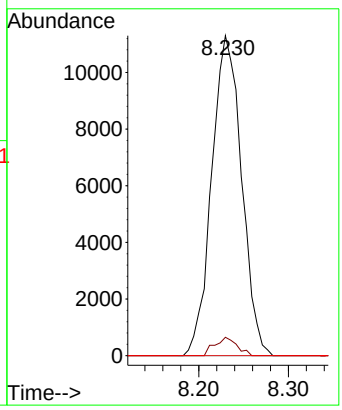


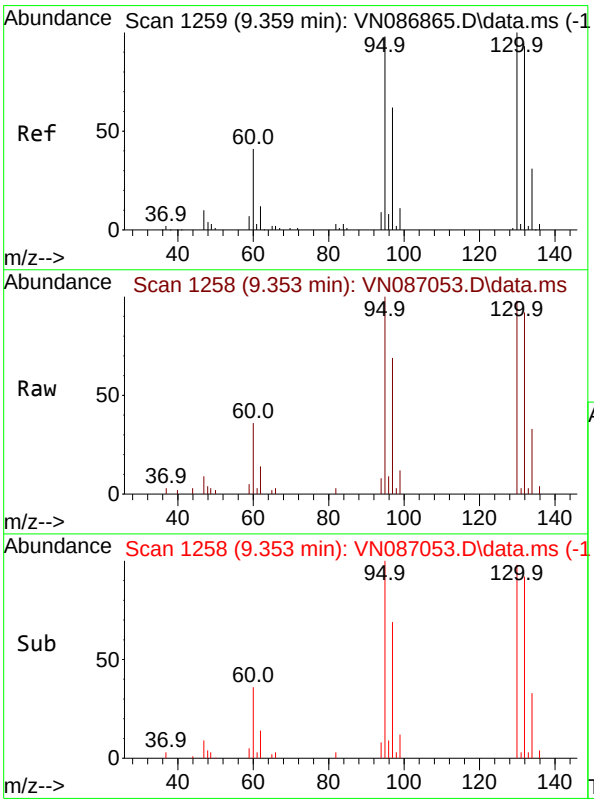
#38
Carbon Tetrachloride
Concen: 5.744 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion:117 Resp: 26144

Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.0	112.6#
121	0.0	24.9	37.3#

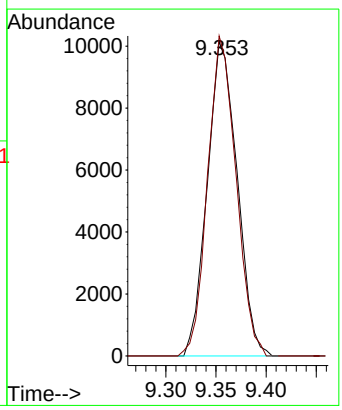


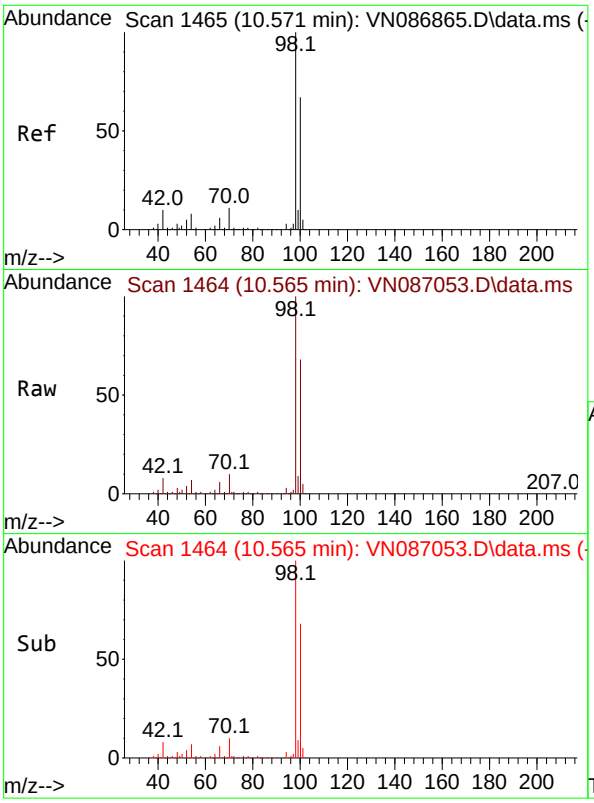


#44
Trichloroethene
Concen: 5.847 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:130 Resp: 21017

Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	196.2



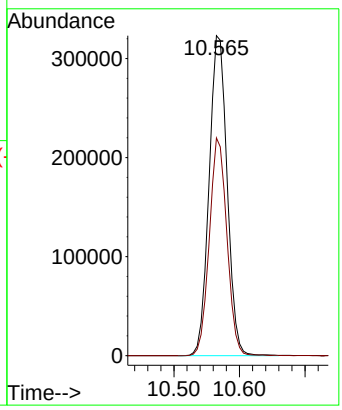


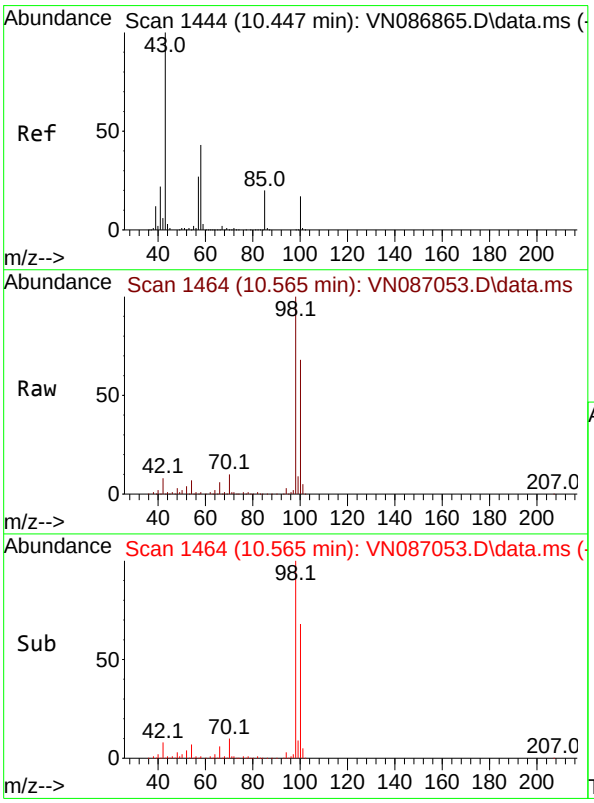
#50
Toluene-d8
Concen: 50.002 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion: 98 Resp: 615838

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.4	80.0

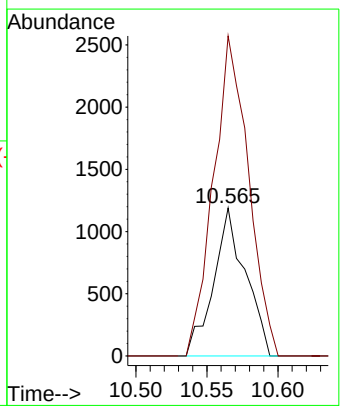


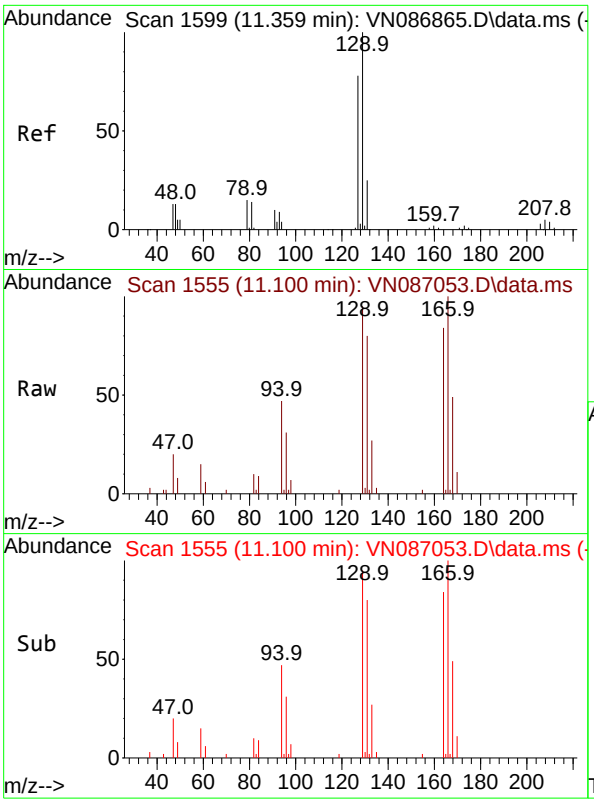


#51
4-Methyl-2-Pentanone
Concen: 0.326 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion: 43 Resp: 1857

Ion	Ratio	Lower	Upper
43	100		
58	238.0	34.2	51.4#



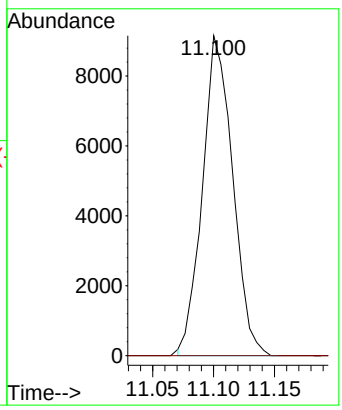


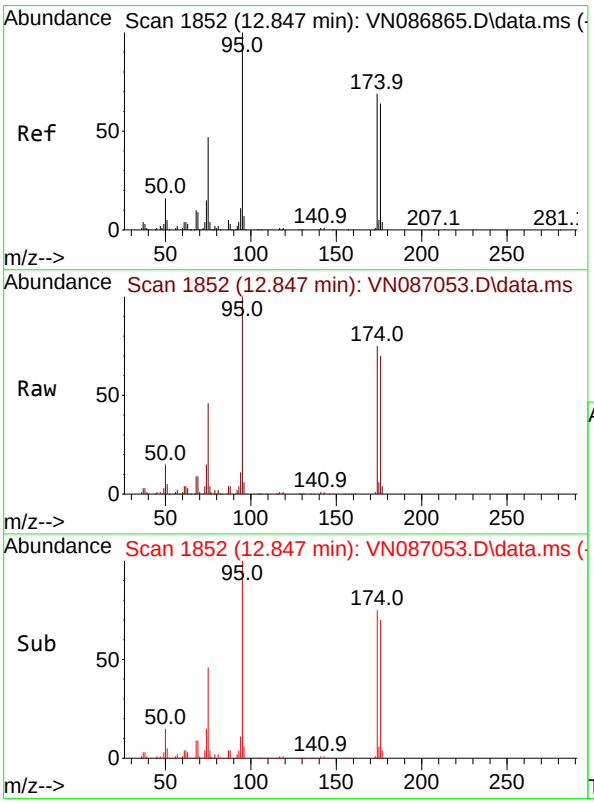
#60
Dibromochloromethane
Concen: 4.258 ug/l
RT: 11.100 min Scan# 1
Delta R.T. -0.259 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion:129 Resp: 15815

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

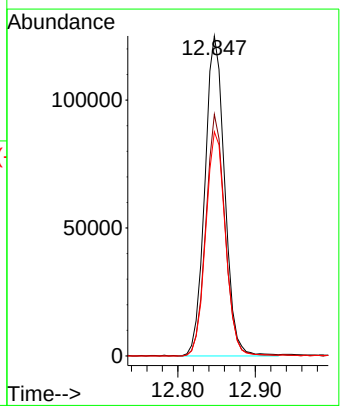


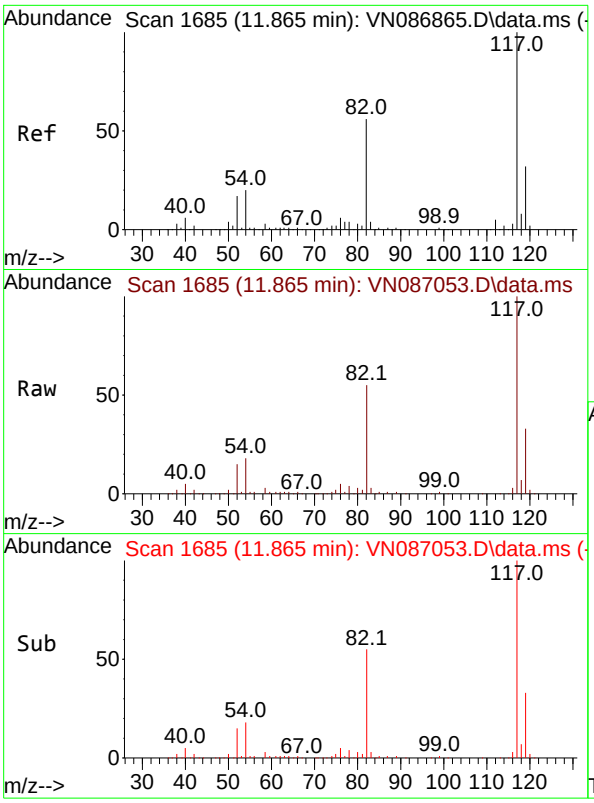


#62
4-Bromofluorobenzene
Concen: 48.397 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion: 95 Resp: 221456

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	141.8
176	70.0	0.0	132.6



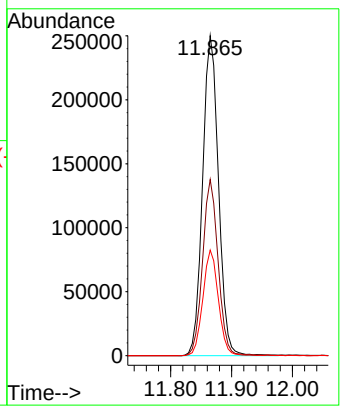


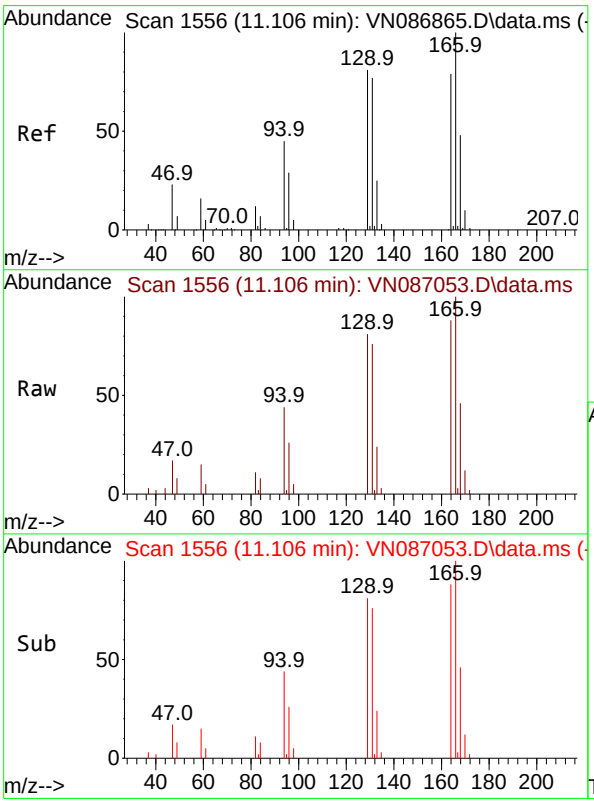
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion:117 Resp: 453855

Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.6	67.0
119	33.0	25.5	38.3

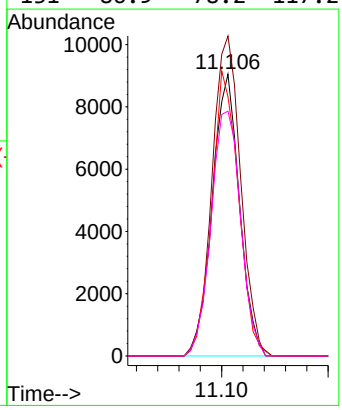


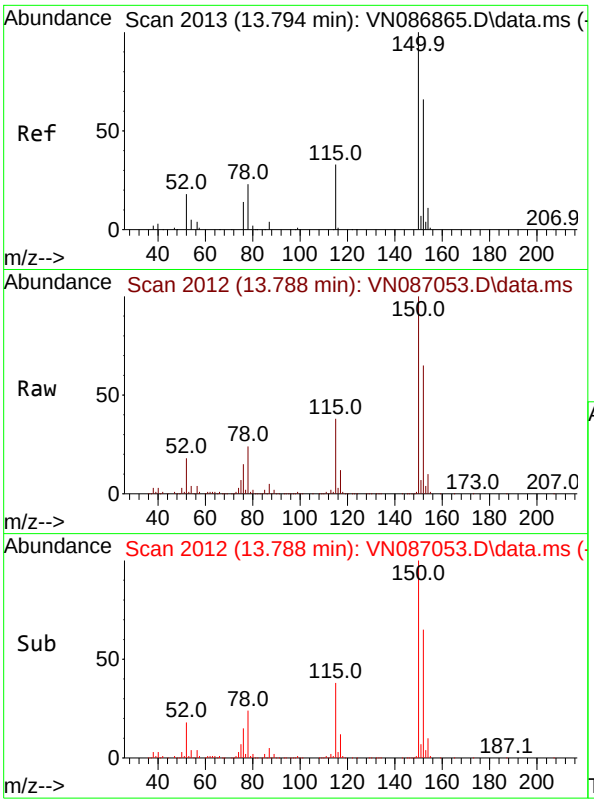


#64
Tetrachloroethene
Concen: 5.601 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:164 Resp: 16088

Ion	Ratio	Lower	Upper
164	100		
166	113.6	101.8	152.8
129	92.1	83.0	124.4
131	86.9	78.2	117.2



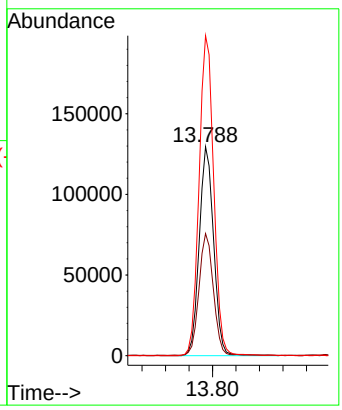


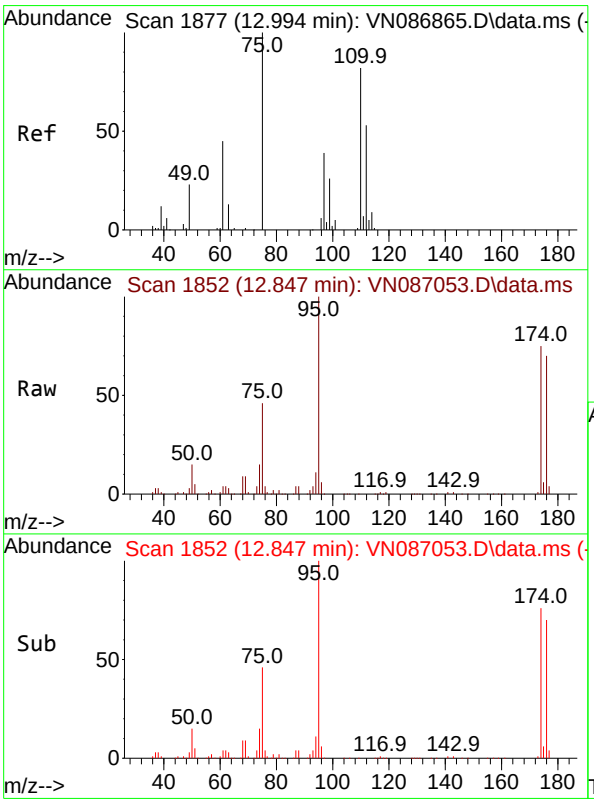
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion:152 Resp: 219879

Ion	Ratio	Lower	Upper
152	100		
115	57.9	30.1	90.5
150	155.7	0.0	345.0

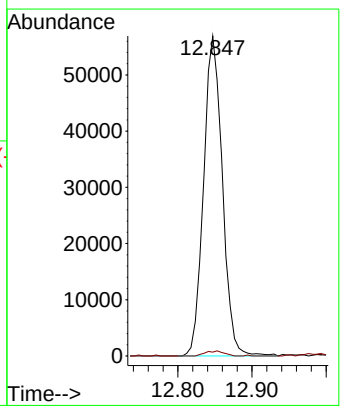


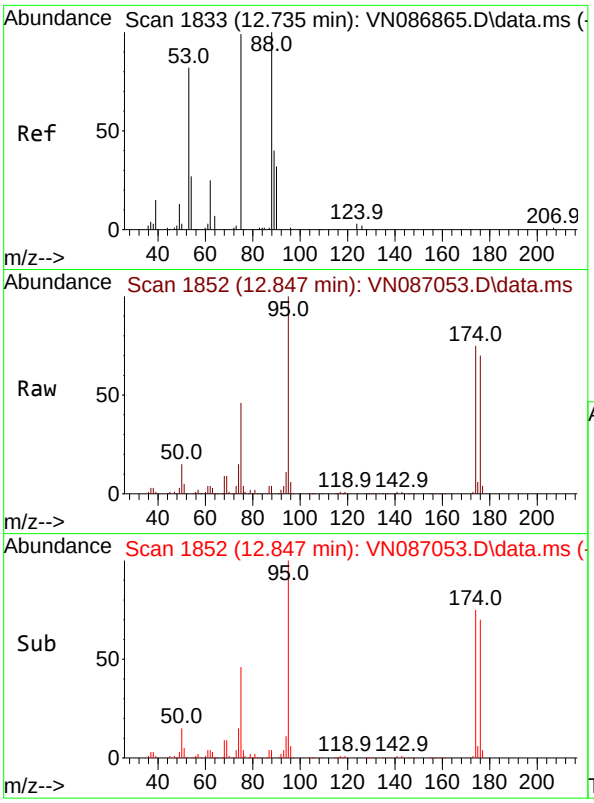


#76
1,2,3-Trichloropropane
Concen: 19.181 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion: 75 Resp: 100252

Ion	Ratio	Lower	Upper
75	100		
77	1.5	79.3	237.9#



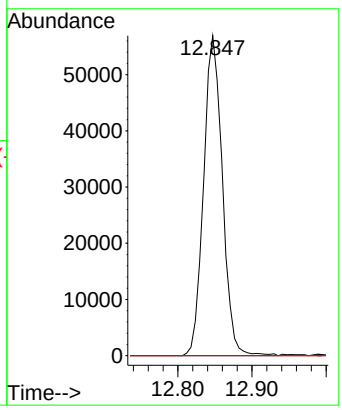


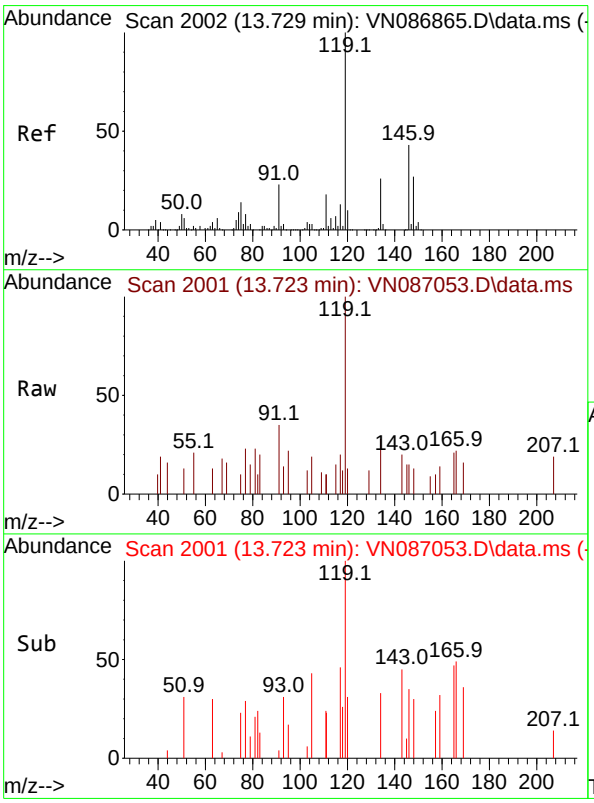
#81
trans-1,4-Dichloro-2-butene
Concen: 44.154 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion: 75 Resp: 100252

Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.6	99.8#
89	0.0	36.7	55.1#

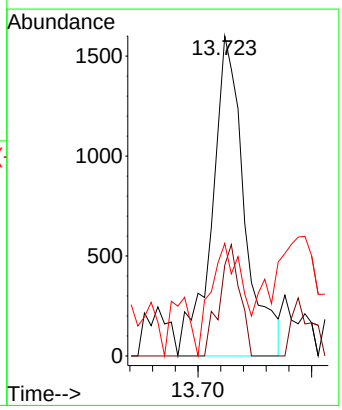


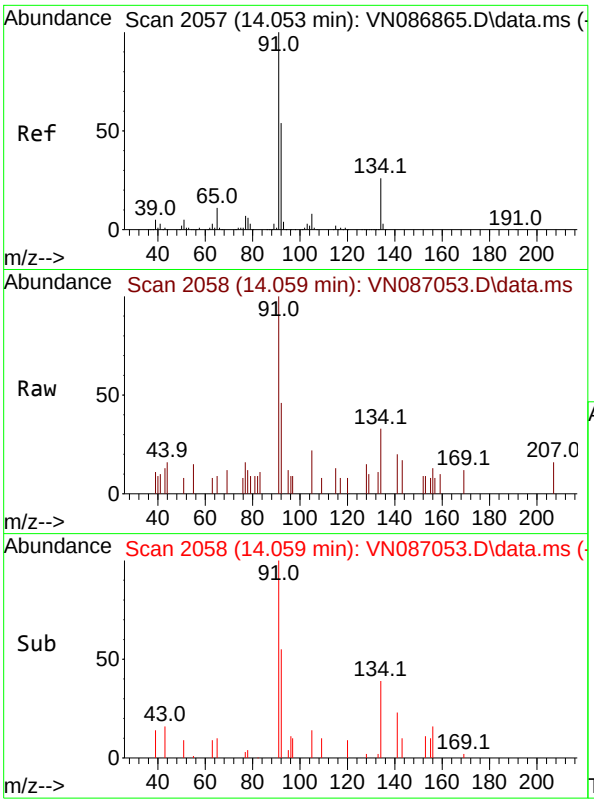


#86
p-Isopropyltoluene
Concen: 0.218 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:119 Resp: 3172

Ion	Ratio	Lower	Upper
119	100		
134	22.2	13.5	40.4
91	33.9	11.5	34.4



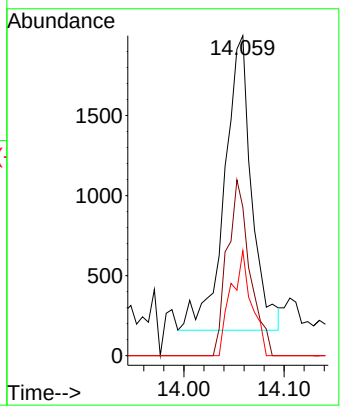


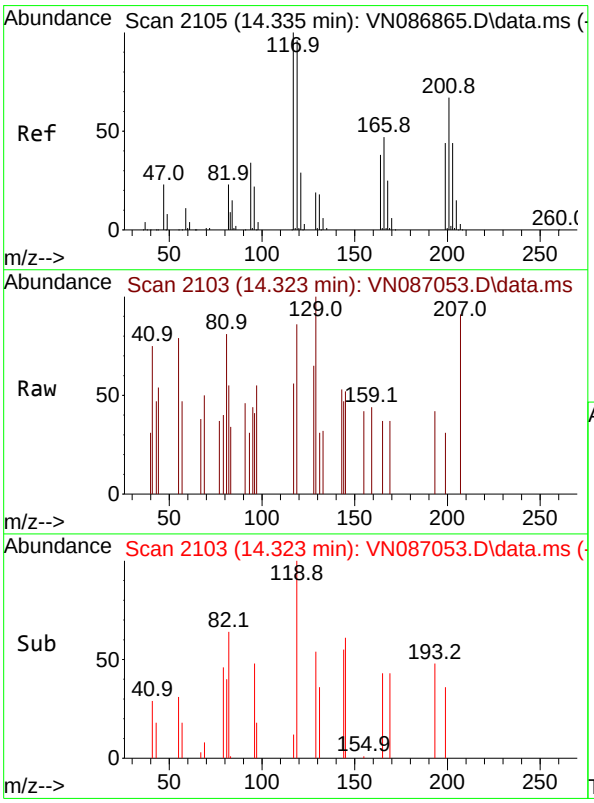
#89
n-Butylbenzene
Concen: 0.246 ug/l
RT: 14.059 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion: 91 Resp: 3466

Ion	Ratio	Lower	Upper
91	100		
92	49.6	27.5	82.4
134	26.8	13.0	39.0

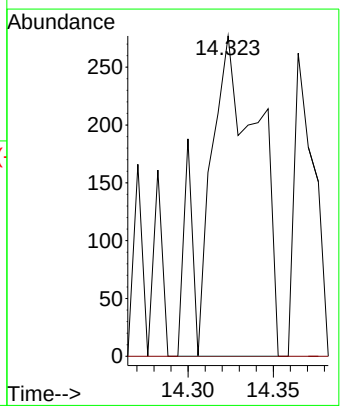


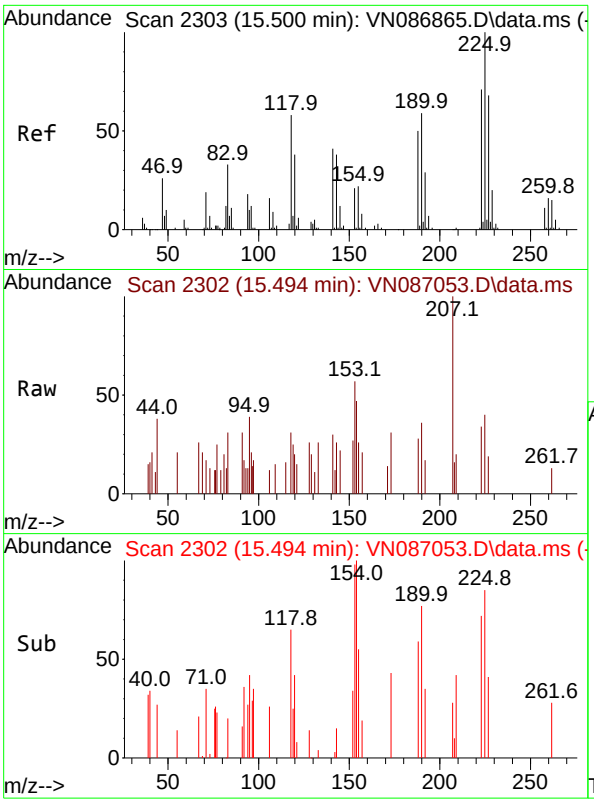


#90
Hexachloroethane
Concen: 0.235 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.012 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:117 Resp: 579

Ion	Ratio	Lower	Upper
117	100		
201	0.0	33.2	99.6#



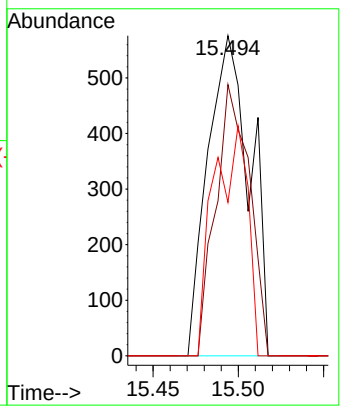


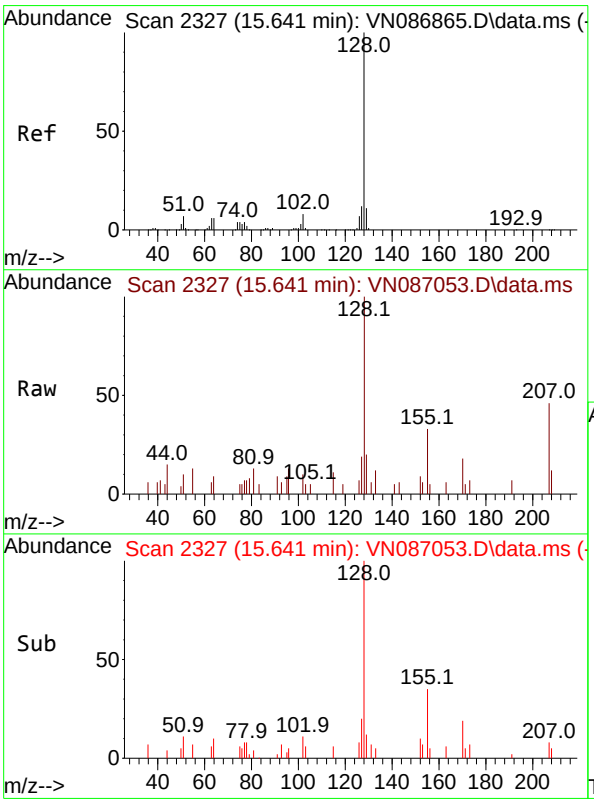
#94
Hexachlorobutadiene
Concen: 0.598 ug/l
RT: 15.494 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion:225 Resp: 988

Ion	Ratio	Lower	Upper
225	100		
223	68.1	33.5	100.4
227	58.2	31.1	93.5

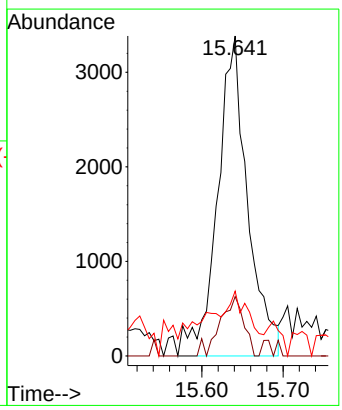


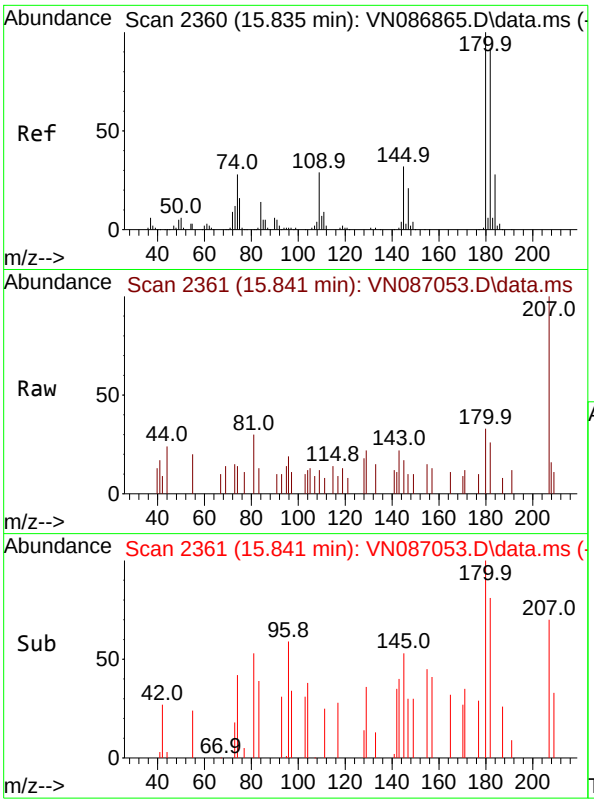


#95
Naphthalene
Concen: 0.531 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Tgt Ion:128 Resp: 8761

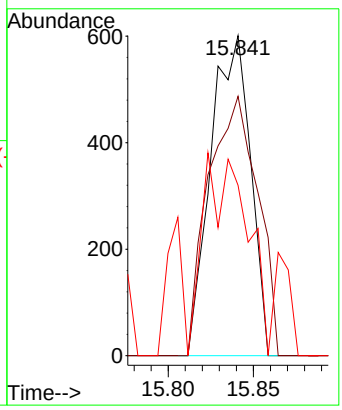
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.2
129	12.7	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.221 ug/l
RT: 15.841 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN087053.D
Acq: 17 Jun 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20250610DL

Tgt Ion:180 Resp: 973

Ion	Ratio	Lower	Upper
180	100		
182	100.5	47.0	141.0
145	70.1	16.6	49.8#