Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
Data File : VN084558.D
Acq On : 29 Oct 2024 12:53
Operator : JC\MD
Sample : P4547-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 30 05:01:11 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

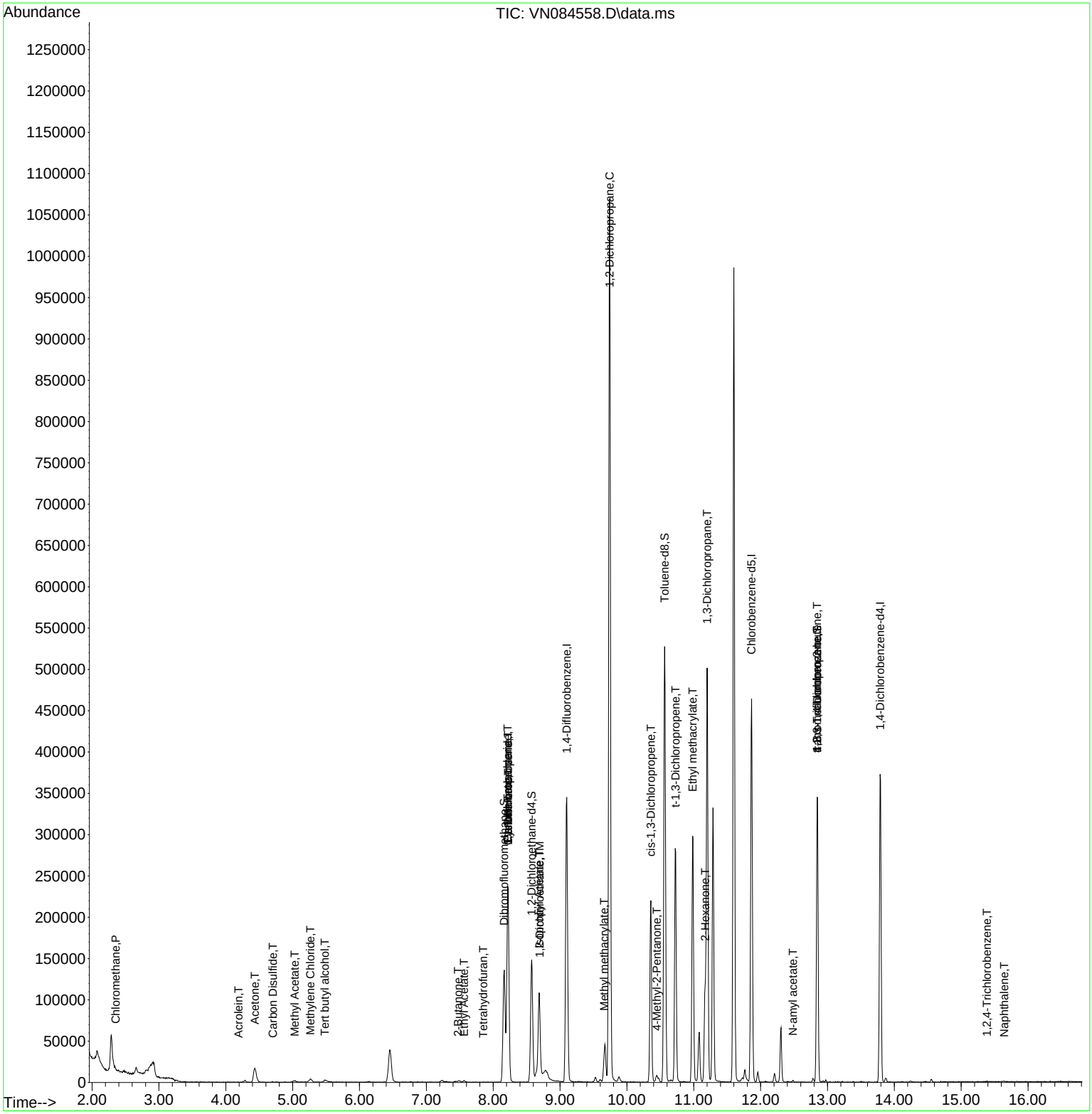
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	169528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122489	48.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.460%			
35) Dibromofluoromethane	8.165	113	96707	49.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.400%			
50) Toluene-d8	10.565	98	365473	51.048	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.100%			
62) 4-Bromofluorobenzene	12.847	95	123940	47.519	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.040%			
Target Compounds						Qvalue
3) Chloromethane	2.354	50	665	0.290	ug/l #	68
11) Tert butyl alcohol	5.483	59	2974	7.175	ug/l #	73
13) Acrolein	4.189	56	179	0.376	ug/l #	50
16) Acetone	4.436	43	31707	29.364	ug/l #	86
17) Carbon Disulfide	4.706	76	1282	0.212	ug/l #	75
18) Methyl Acetate	5.030	43	3310	1.406	ug/l	93
20) Methylene Chloride	5.265	84	2627	1.197	ug/l #	91
25) 2-Butanone	7.477	43	3099	2.107	ug/l #	81
29) Tetrahydrofuran	7.853	42	228	0.251	ug/l #	34
31) Cyclohexane	8.224	56	3615	0.971	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14291	5.056	ug/l #	50
37) Ethyl Acetate	7.565	43	3139	1.082	ug/l #	78
38) Carbon Tetrachloride	8.218	117	19163	6.180	ug/l #	16
42) 1,2-Dichloroethane	8.694	62	821	0.275	ug/l #	75
43) Isopropyl Acetate	8.688	43	133121	23.437	ug/l #	86
45) 1,2-Dichloropropane	9.741	63	1308	0.628	ug/l #	44
48) Methyl methacrylate	9.659	41	3183	1.408	ug/l #	41
51) 4-Methyl-2-Pentanone	10.447	43	9792	3.547	ug/l #	72
53) t-1,3-Dichloropropene	10.729	75	709	0.223	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	39381	11.499	ug/l #	63
56) Ethyl methacrylate	10.982	69	1688	0.533	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	5187	1.508	ug/l #	42
59) 2-Hexanone	11.171	43	98247	47.618	ug/l #	24
74) N-amyl acetate	12.482	43	1332	0.373	ug/l #	42
76) 1,2,3-Trichloropropane	12.847	75	65220	30.924	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	65220	74.139	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.388	180	349	0.203	ug/l #	44
95) Naphthalene	15.647	128	1272	0.223	ug/l #	69

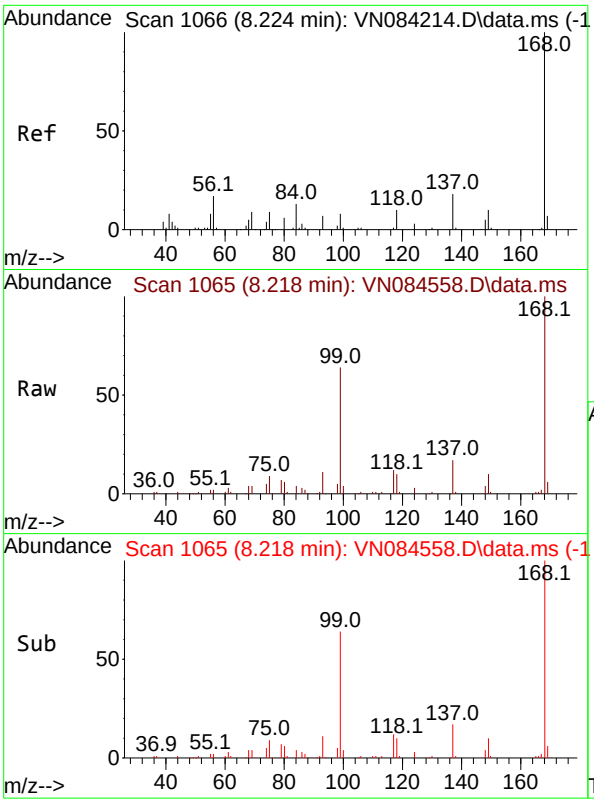
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
Data File : VN084558.D
Acq On : 29 Oct 2024 12:53
Operator : JC\MD
Sample : P4547-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 30 05:01:11 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



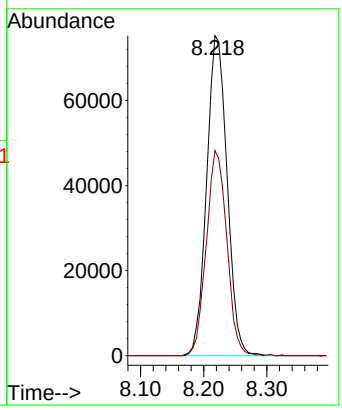


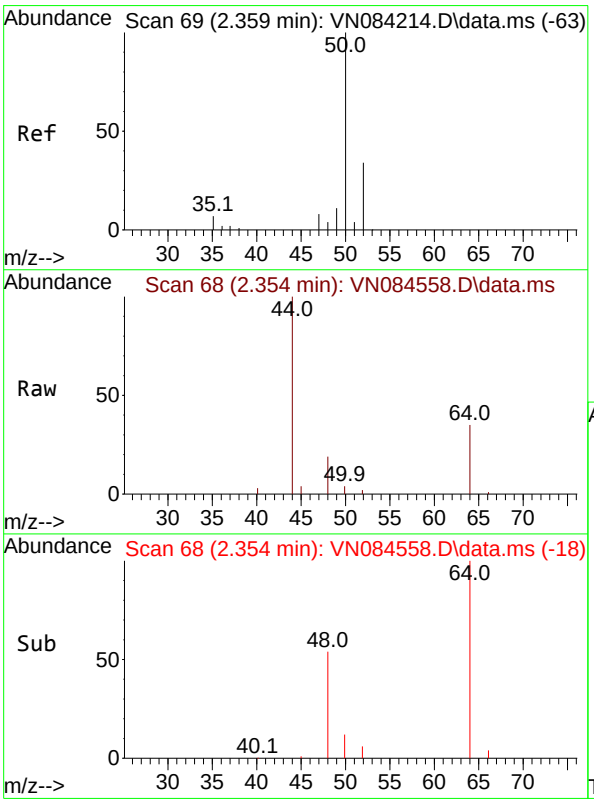
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 169528

Ion	Ratio	Lower	Upper
168	100		
99	64.1	54.2	81.2

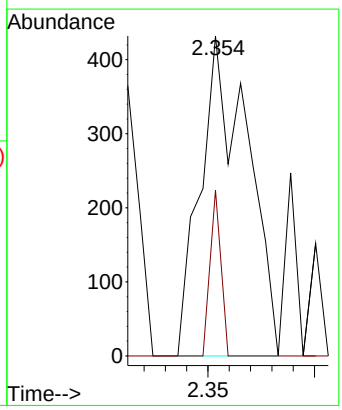


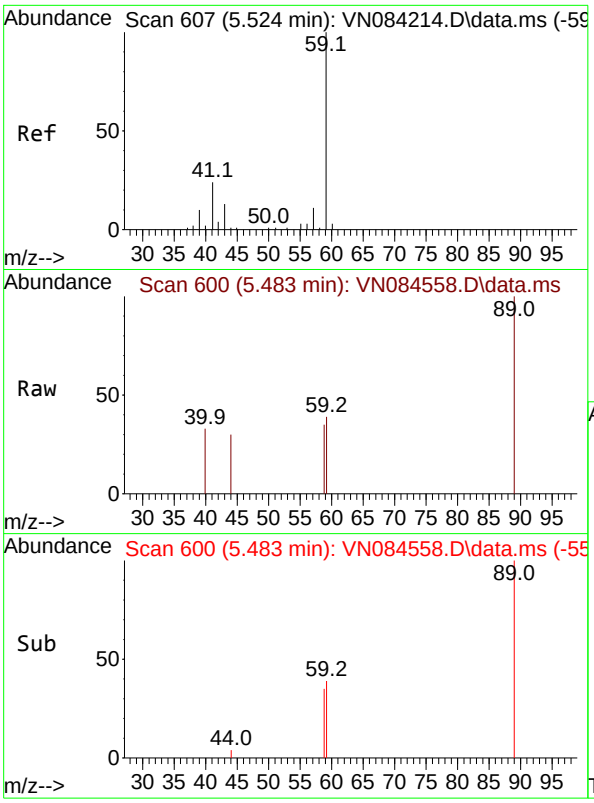


#3
Chloromethane
Concen: 0.290 ug/l
RT: 2.354 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 50 Resp: 665

Ion	Ratio	Lower	Upper
50	100		
52	51.9	26.8	40.2#



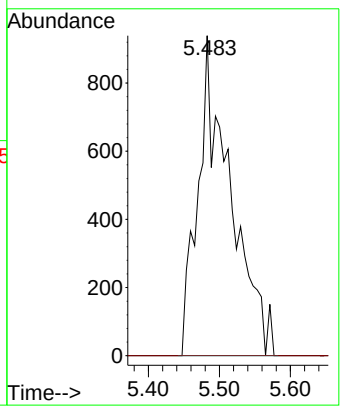


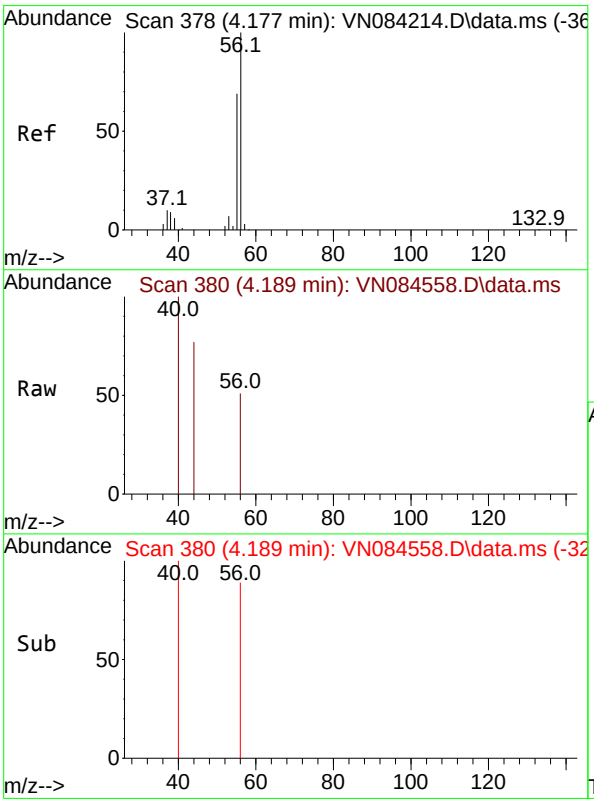
#11
Tert butyl alcohol
Concen: 7.175 ug/l
RT: 5.483 min Scan# 6
Delta R.T. -0.041 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 2974

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

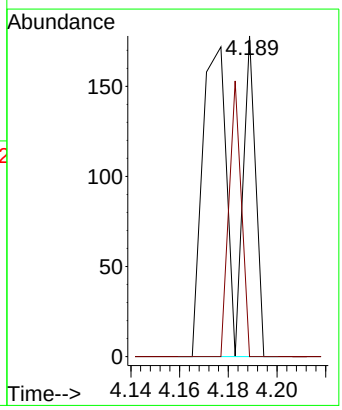


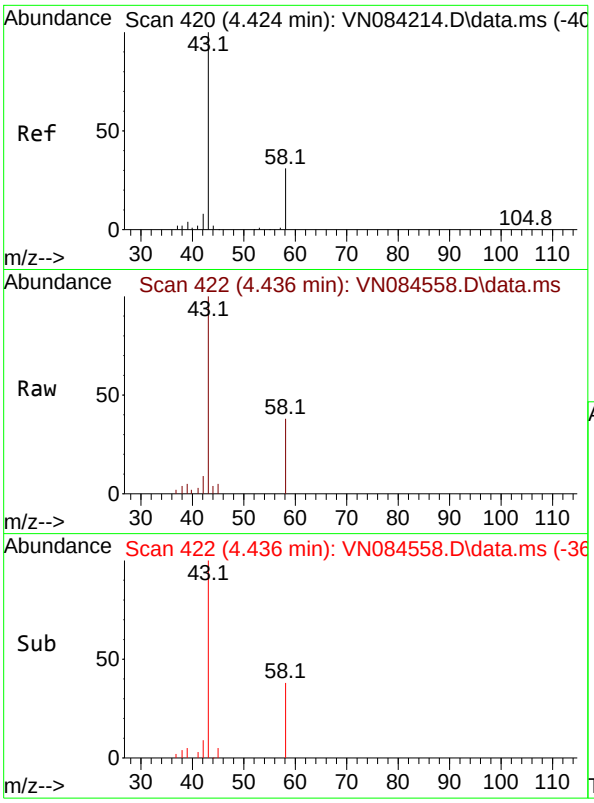


#13
Acrolein
Concen: 0.376 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 56 Resp: 179

Ion	Ratio	Lower	Upper
56	100		
55	30.2	57.2	85.8#



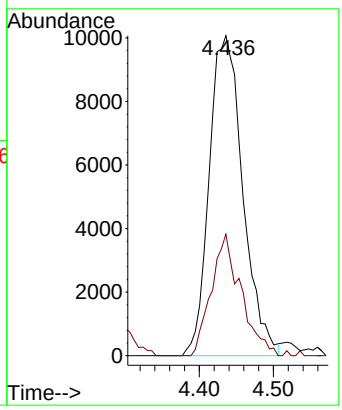


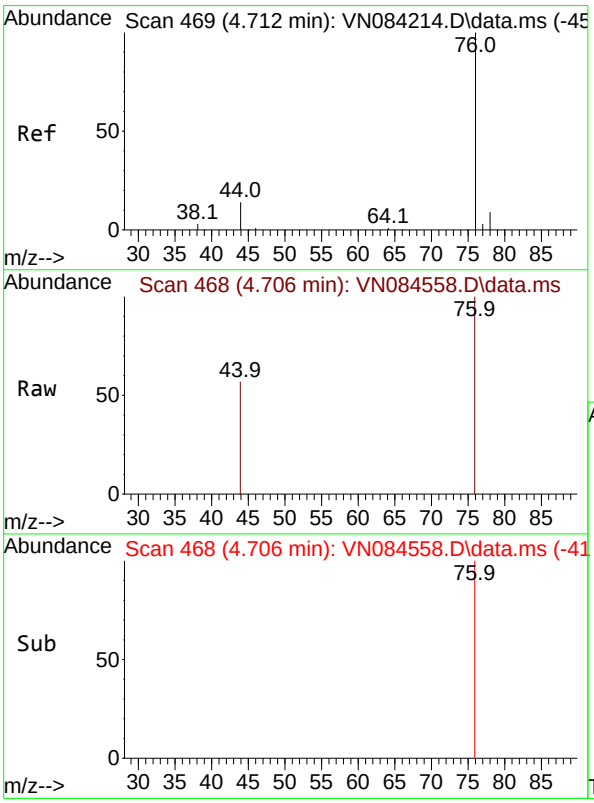
#16
Acetone
Concen: 29.364 ug/l
RT: 4.436 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 31707

Ion	Ratio	Lower	Upper
43	100		
58	38.0	24.4	36.6#

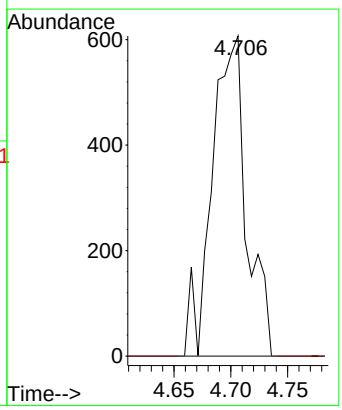


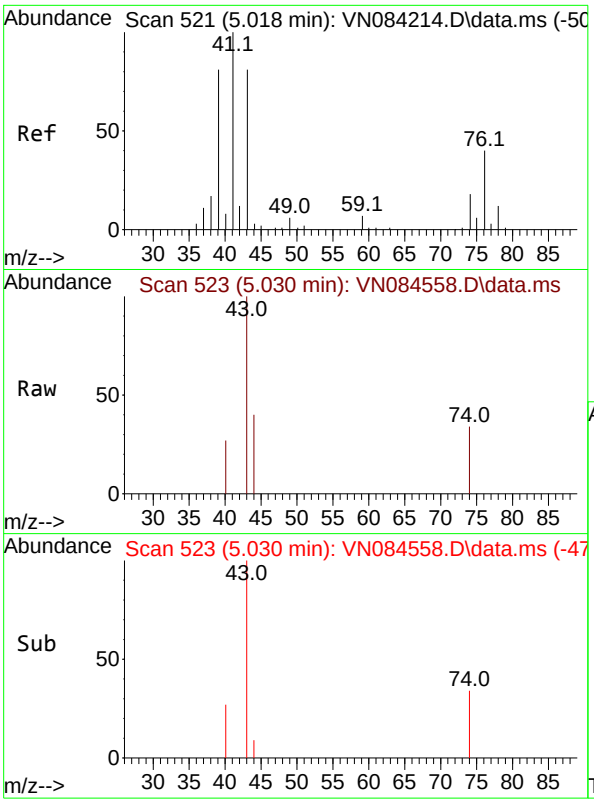


#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 76 Resp: 1282

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#



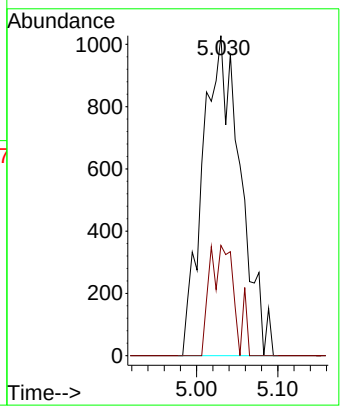


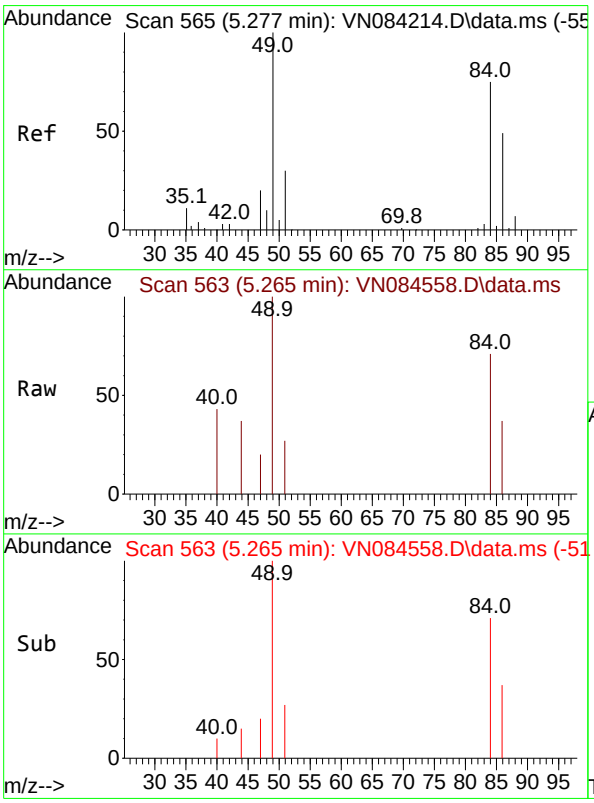
#18
Methyl Acetate
Concen: 1.406 ug/l
RT: 5.030 min Scan# 5
Delta R.T. 0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3310

Ion	Ratio	Lower	Upper
43	100		
74	20.4	19.2	28.8

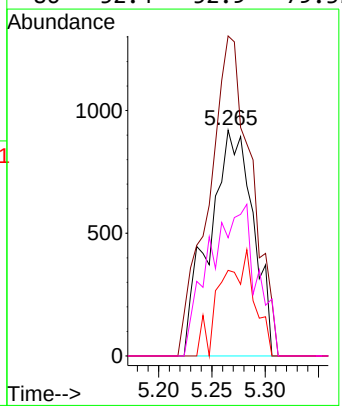


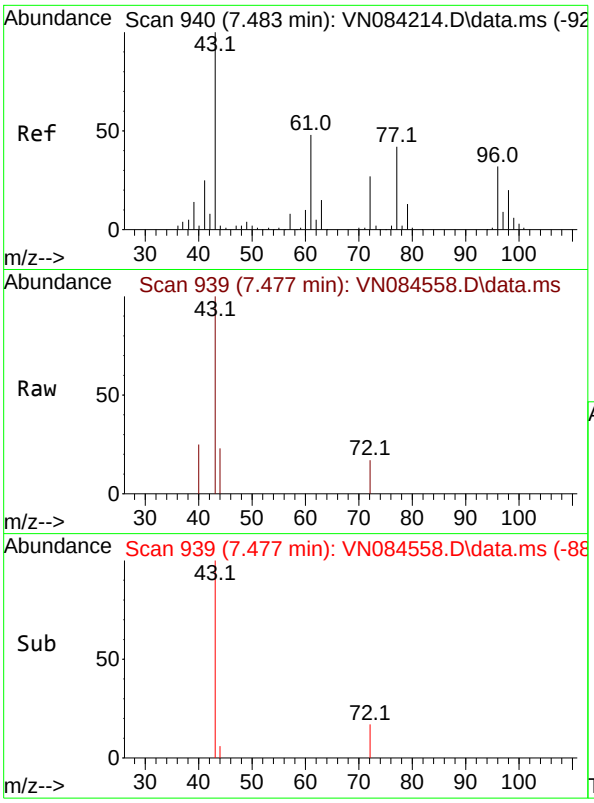


#20
Methylene Chloride
Concen: 1.197 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 84 Resp: 2627

Ion	Ratio	Lower	Upper
84	100		
49	141.7	107.2	160.8
51	37.9	31.8	47.8
86	52.4	52.9	79.3#



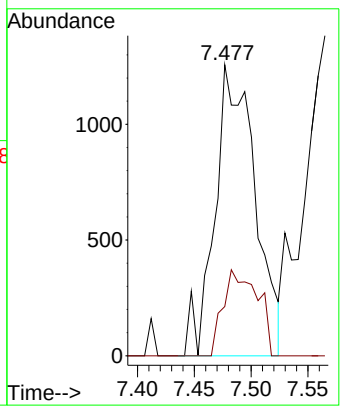


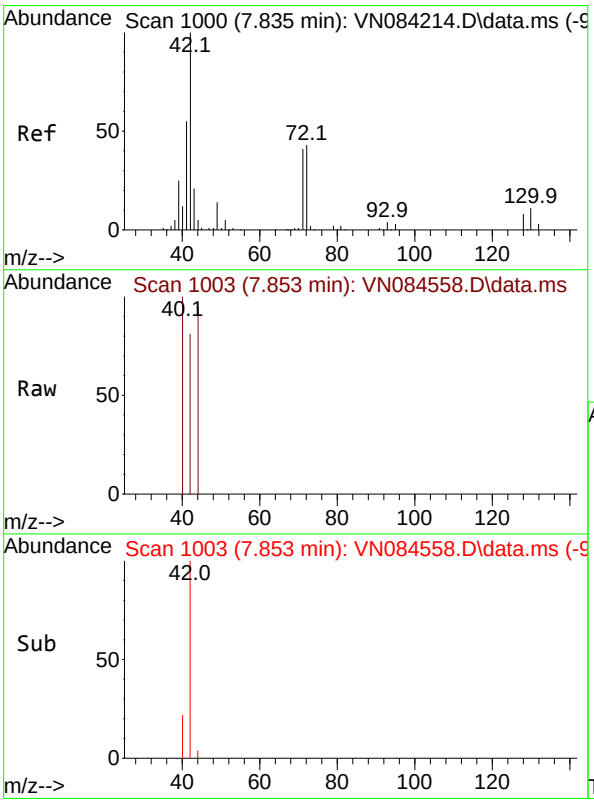
#25
2-Butanone
Concen: 2.107 ug/l
RT: 7.477 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3099

Ion	Ratio	Lower	Upper
43	100		
72	16.9	21.4	32.2#

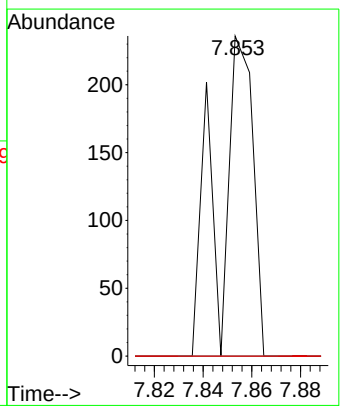


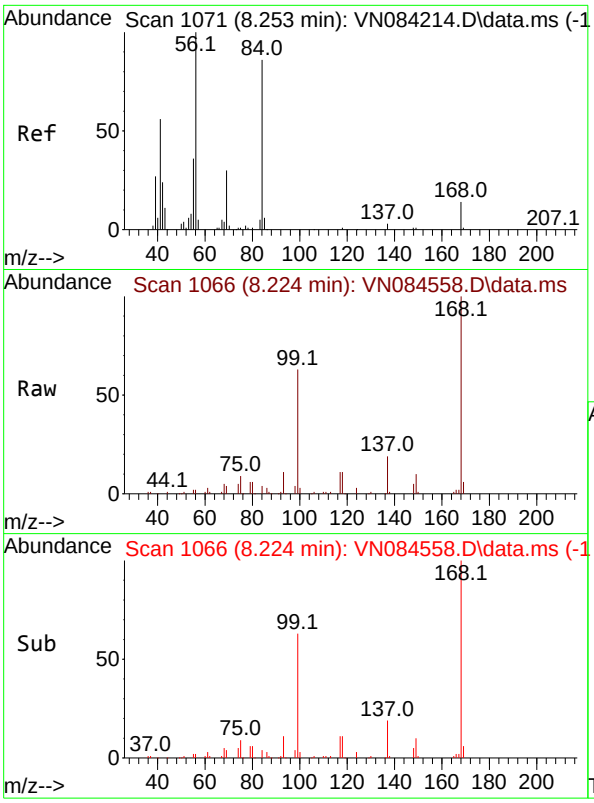


#29
Tetrahydrofuran
Concen: 0.251 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 42 Resp: 228

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.6	51.8#
71	0.0	32.2	48.4#



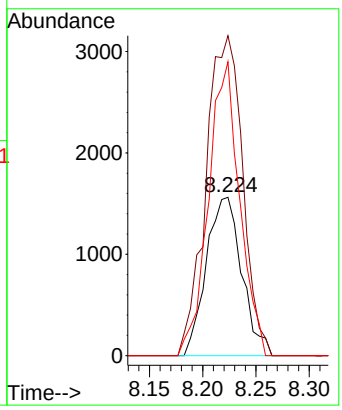


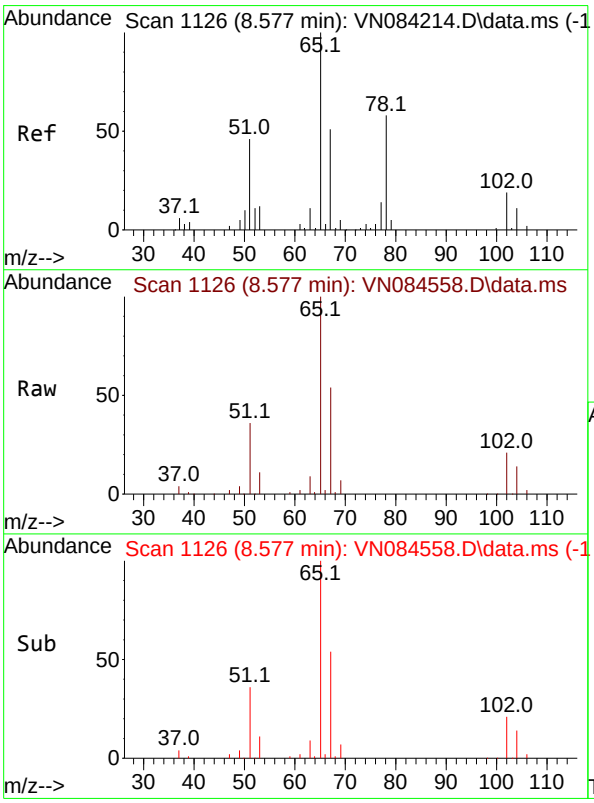
#31
Cyclohexane
Concen: 0.971 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 3615

Ion	Ratio	Lower	Upper
56	100		
69	202.0	23.8	35.6#
84	185.5	68.8	103.2#

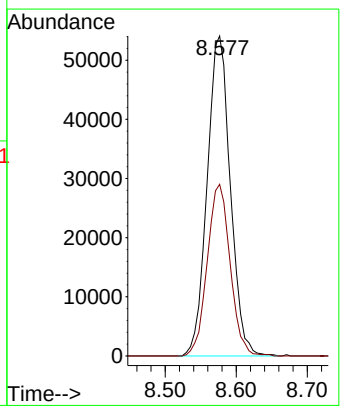


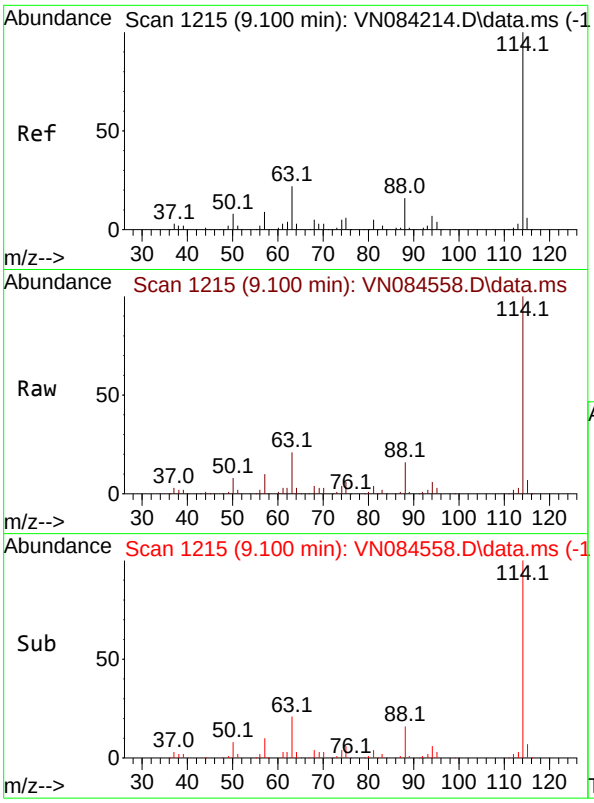


#33
1,2-Dichloroethane-d4
Concen: 48.731 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 65 Resp: 122489

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	102.0



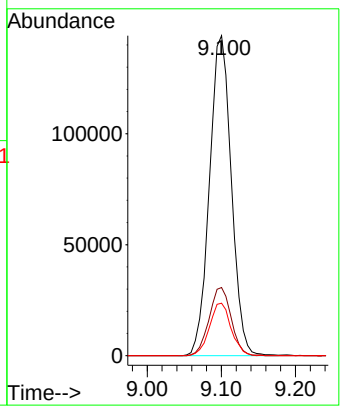


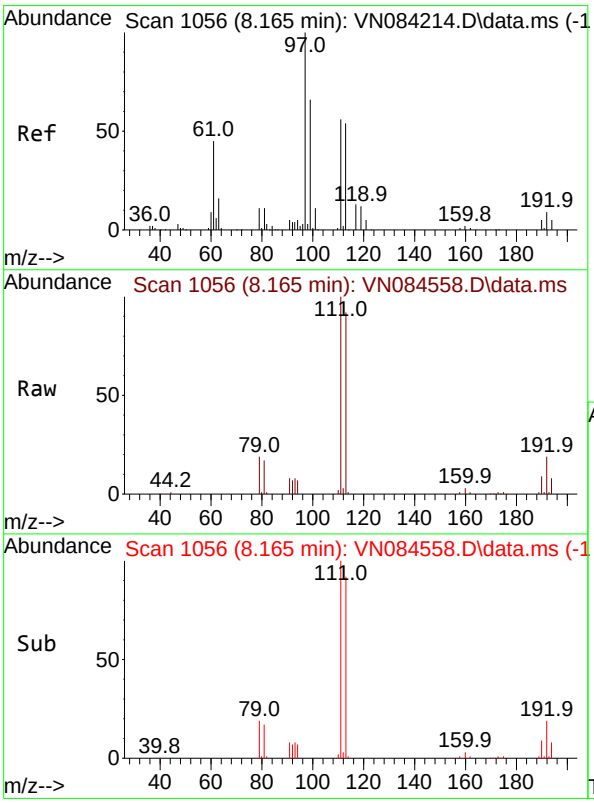
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 295173

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.8
88	16.4	0.0	31.6

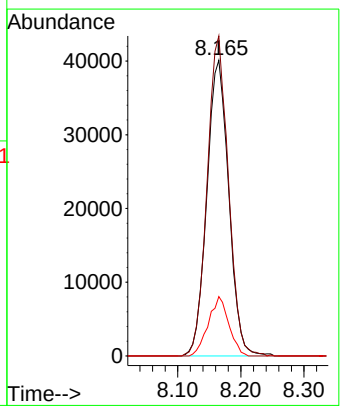


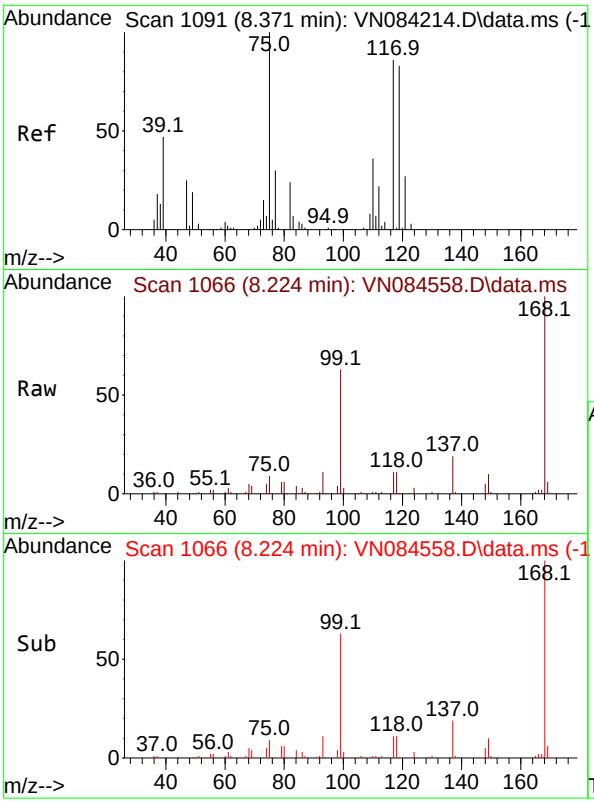


#35
Dibromofluoromethane
Concen: 49.696 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion:113 Resp: 96707

Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.3	124.9
192	18.8	13.5	20.3



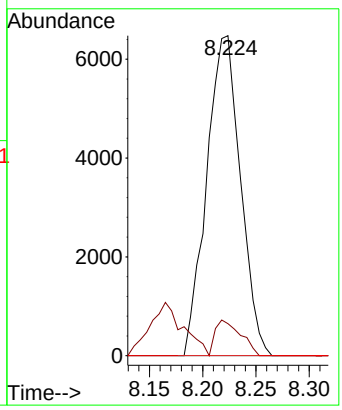


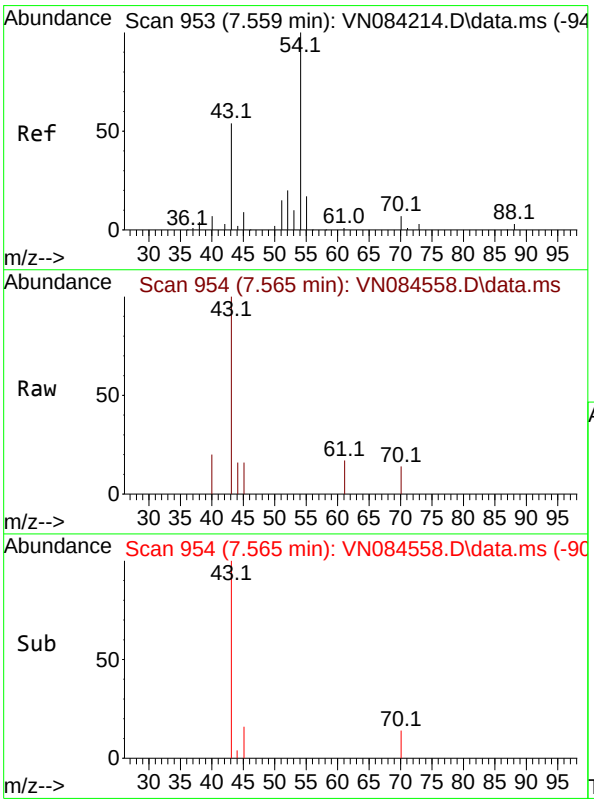
#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 14291

Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.9	50.7#
77	0.0	24.7	37.1#

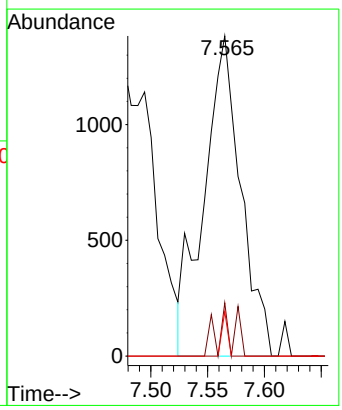


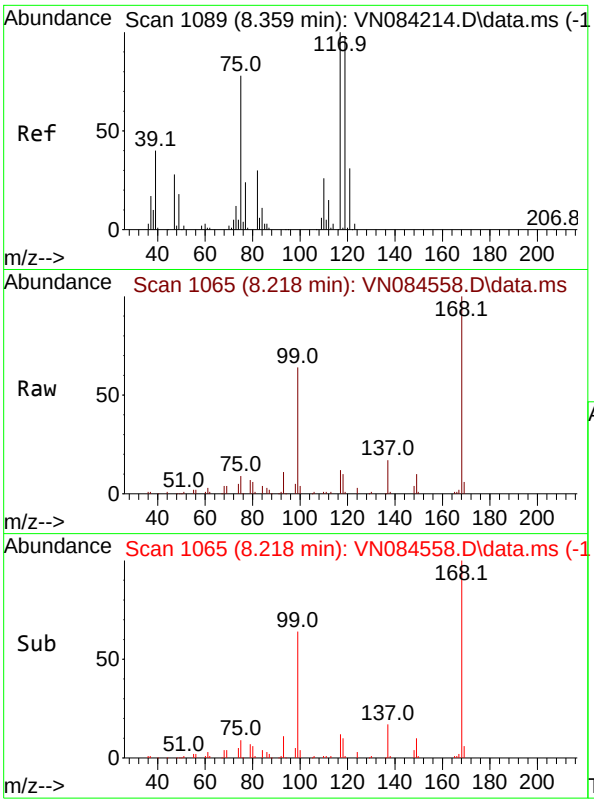


#37
Ethyl Acetate
Concen: 1.082 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.006 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 43 Resp: 3139

Ion	Ratio	Lower	Upper
43	100		
61	5.0	10.7	16.1#
70	2.2	8.8	13.2#



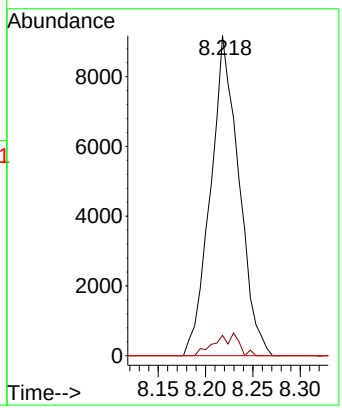


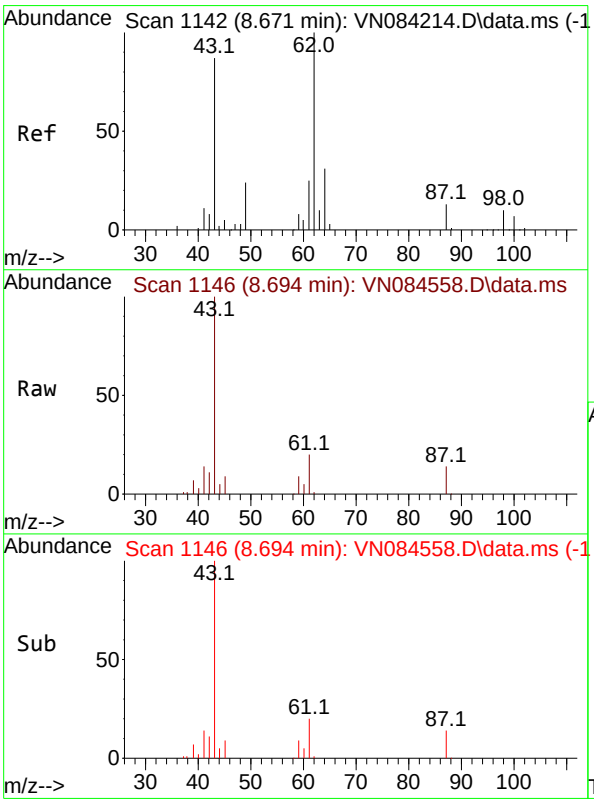
#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 19163

Ion	Ratio	Lower	Upper
117	100		
119	6.4	78.7	118.1#
121	0.0	24.4	36.6#

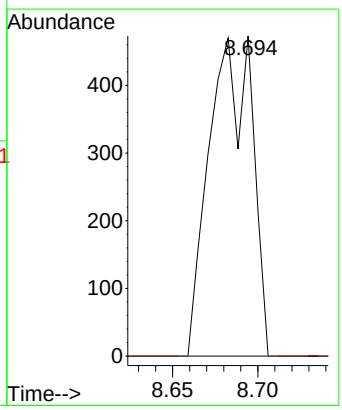


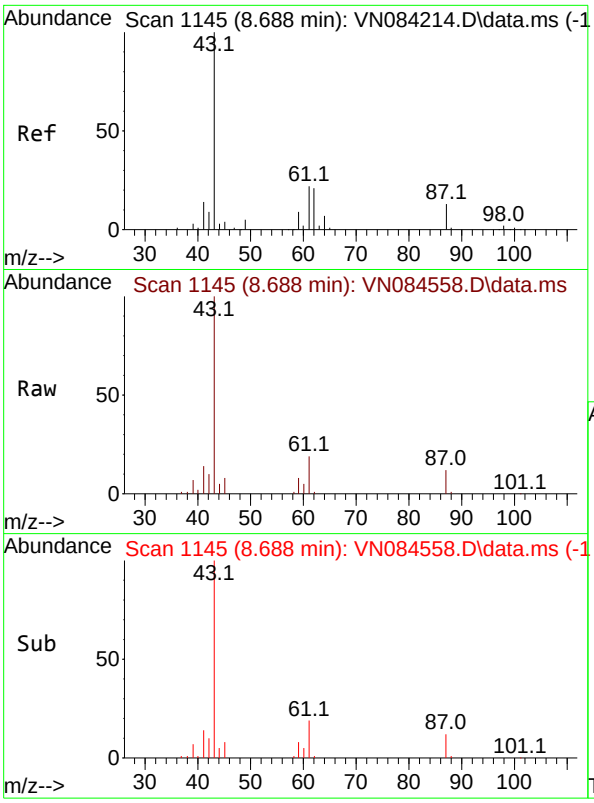


#42
1,2-Dichloroethane
Concen: 0.275 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.024 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 62 Resp: 821

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.2



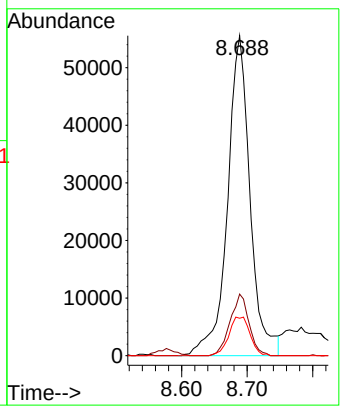


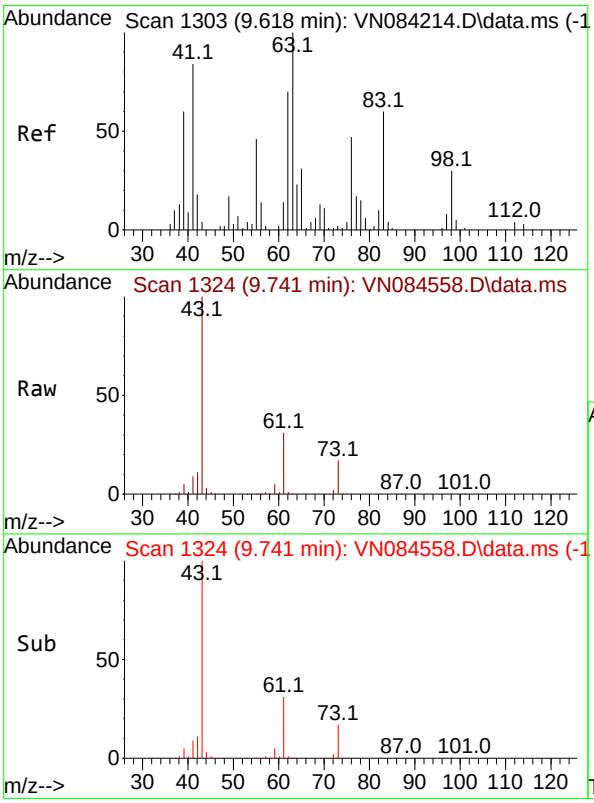
#43
Isopropyl Acetate
Concen: 23.437 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 133121

Ion	Ratio	Lower	Upper
43	100		
61	16.1	20.4	30.6#
87	11.3	10.3	15.5

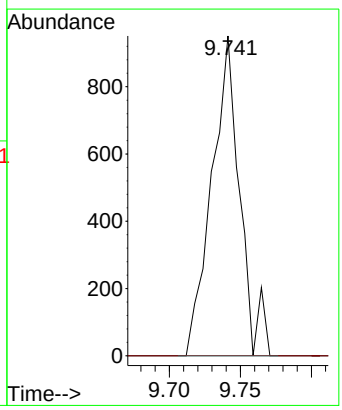


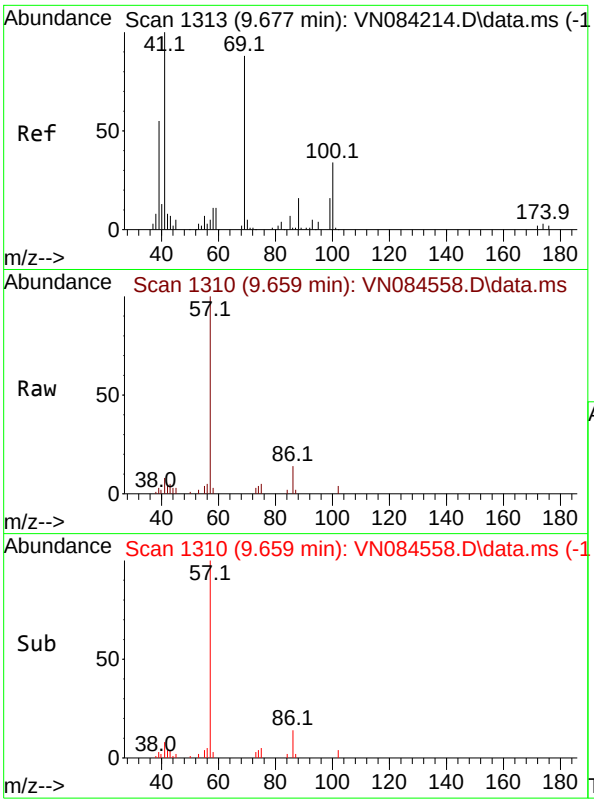


#45
1,2-Dichloropropane
Concen: 0.628 ug/l
RT: 9.741 min Scan# 1324
Delta R.T. 0.124 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 63 Resp: 1308

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#



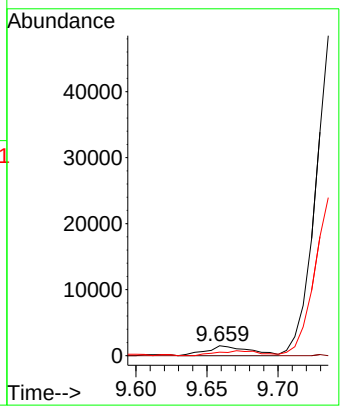


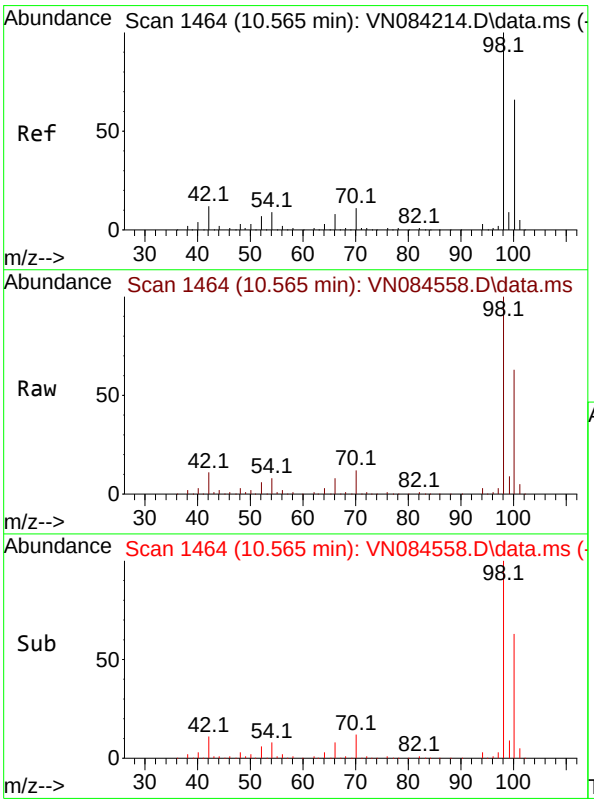
#48
Methyl methacrylate
Concen: 1.408 ug/l
RT: 9.659 min Scan# 1
Delta R.T. -0.018 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 3183

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.1	100.7#
39	49.5	45.8	68.6

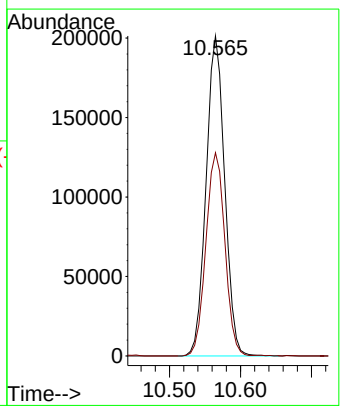


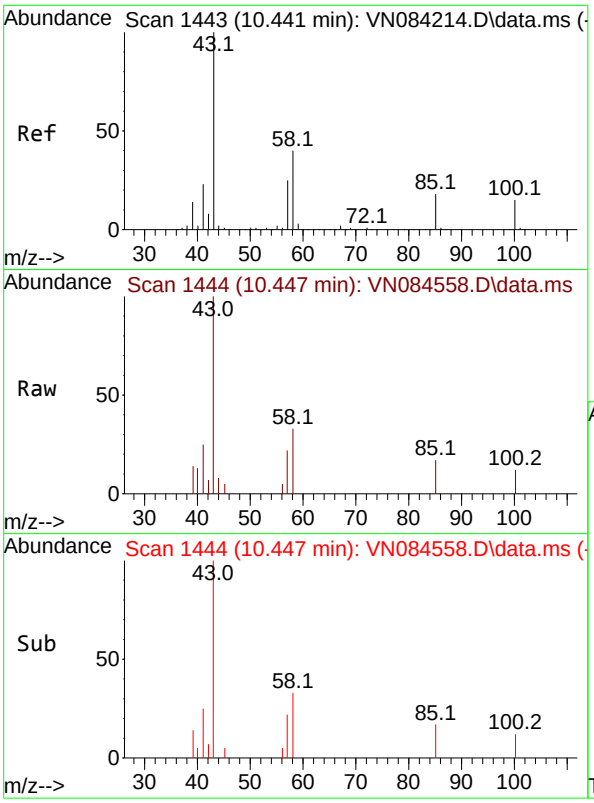


#50
Toluene-d8
Concen: 51.048 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 98 Resp: 365473

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.7	79.1



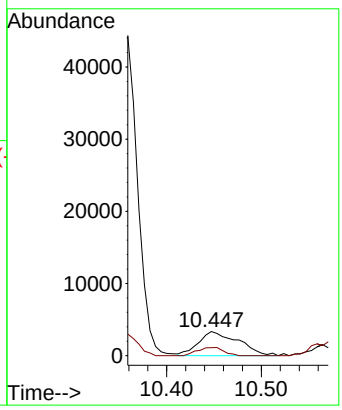


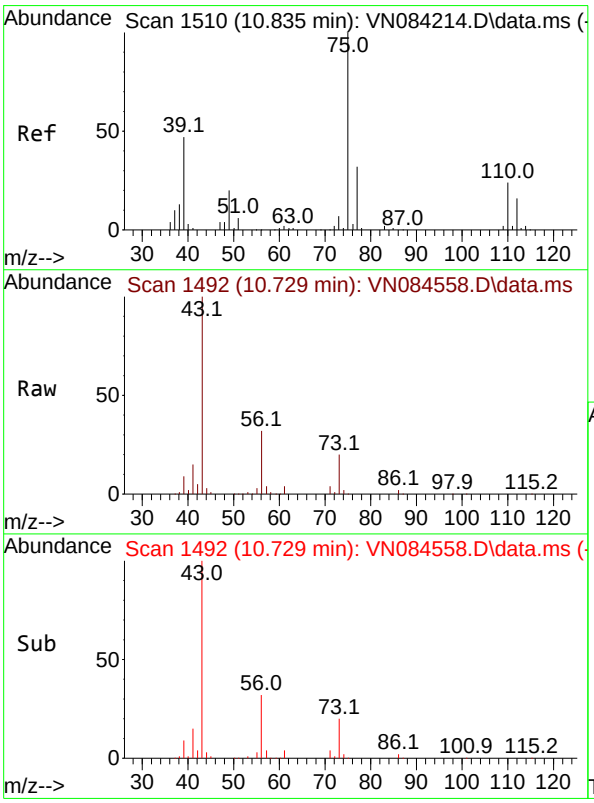
#51
4-Methyl-2-Pentanone
Concen: 3.547 ug/l
RT: 10.447 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 9792

Ion	Ratio	Lower	Upper
43	100		
58	22.5	31.6	47.4#

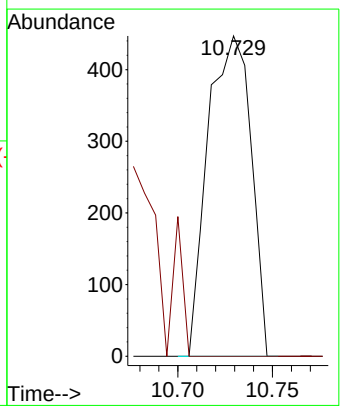


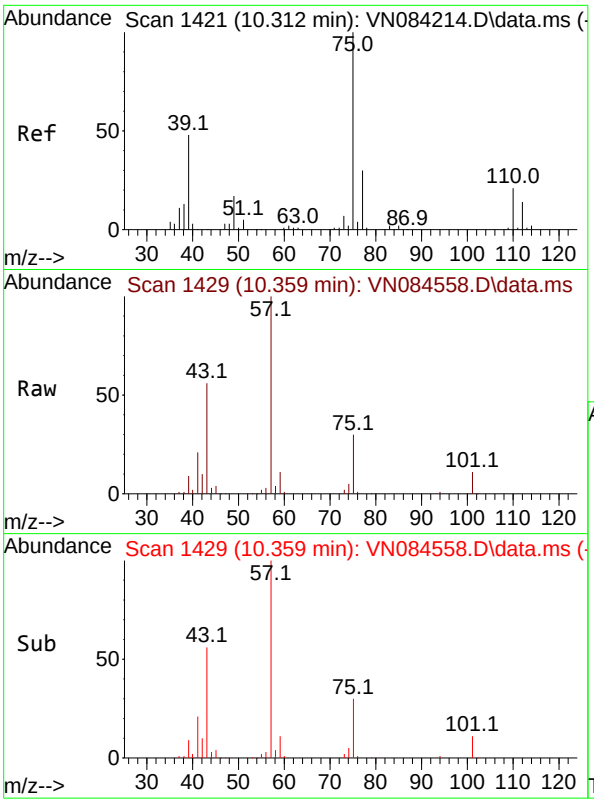


#53
t-1,3-Dichloropropene
Concen: 0.223 ug/l
RT: 10.729 min Scan# 1492
Delta R.T. -0.106 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 75 Resp: 709

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



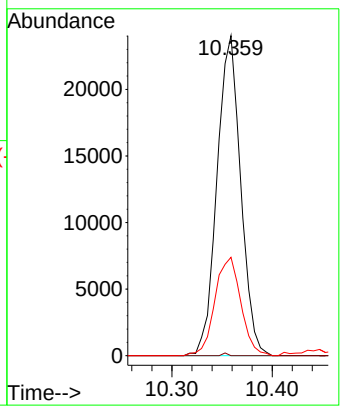


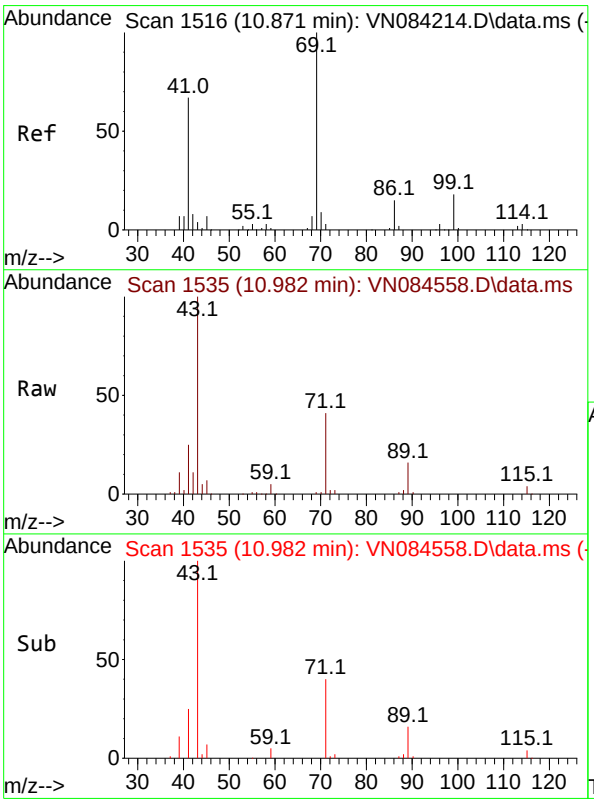
#54
cis-1,3-Dichloropropene
Concen: 11.499 ug/l
RT: 10.359 min Scan# 14
Delta R.T. 0.047 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 39381

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.2	36.2#
39	30.7	38.7	58.1#

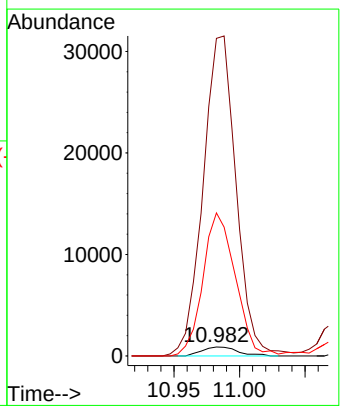


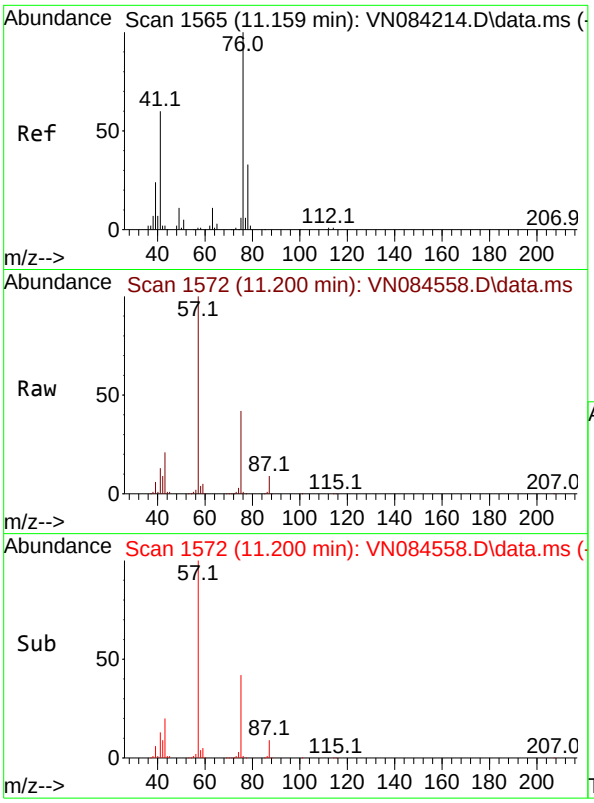


#56
Ethyl methacrylate
Concen: 0.533 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.112 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 69 Resp: 1688

Ion	Ratio	Lower	Upper
69	100		
41	3276.6	53.3	79.9#
39	1435.2	28.8	43.2#



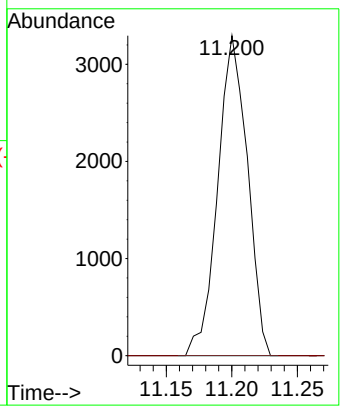


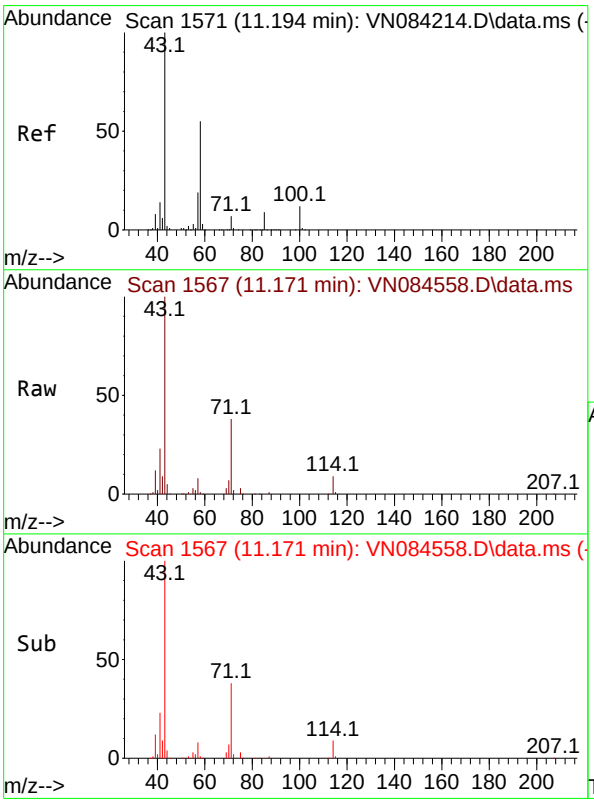
#57
1,3-Dichloropropane
Concen: 1.508 ug/l
RT: 11.200 min Scan# 1
Delta R.T. 0.041 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 5187

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#

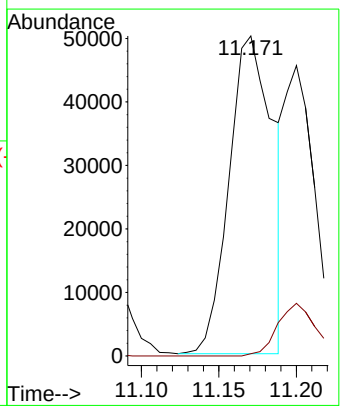


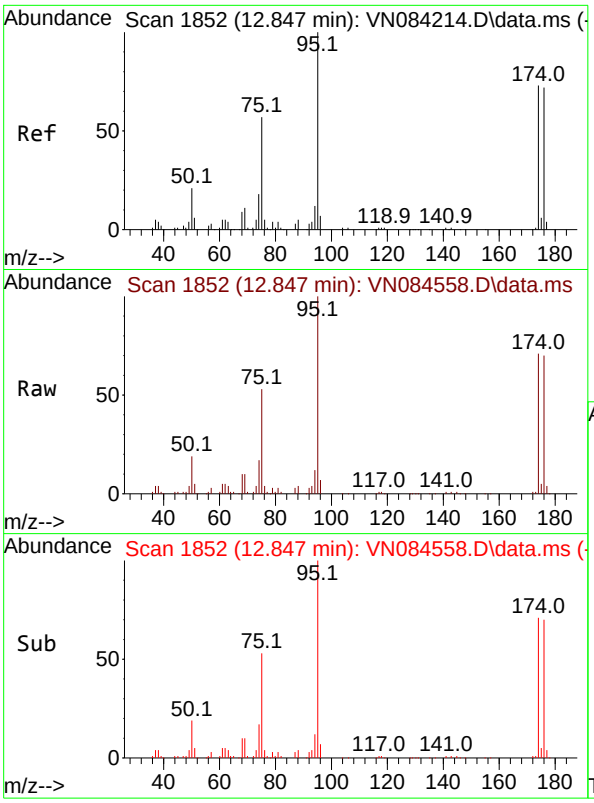


#59
2-Hexanone
Concen: 47.618 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 43 Resp: 98247

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.3	81.8#



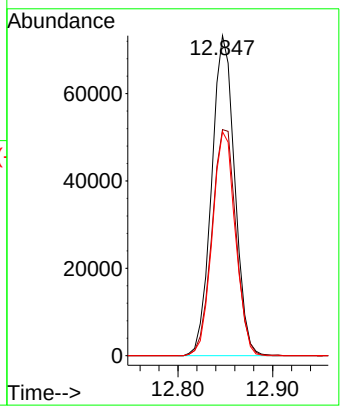


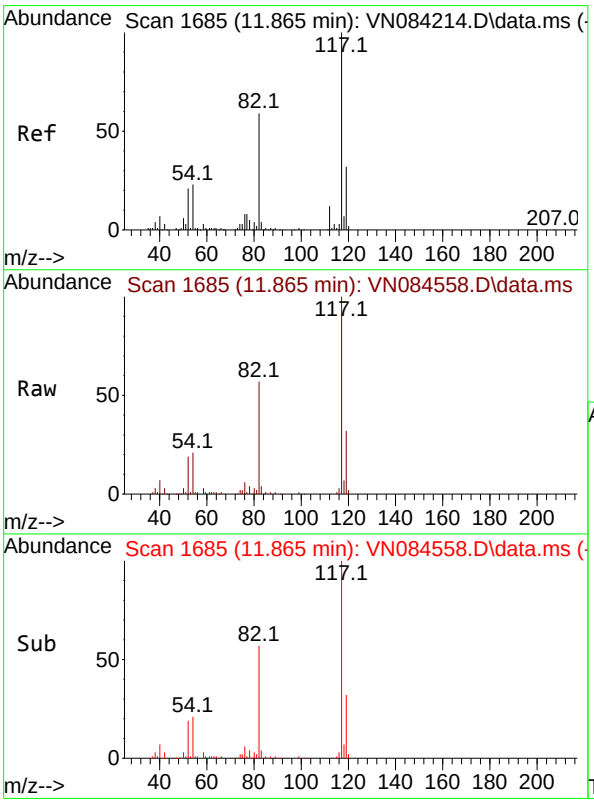
#62
4-Bromofluorobenzene
Concen: 47.519 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 123940

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	145.2
176	70.1	0.0	140.0

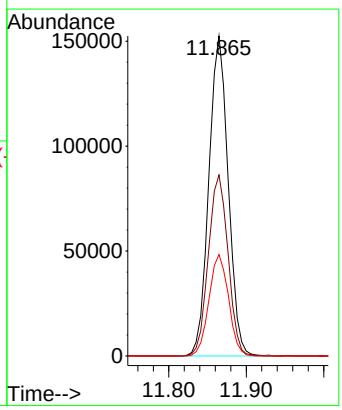


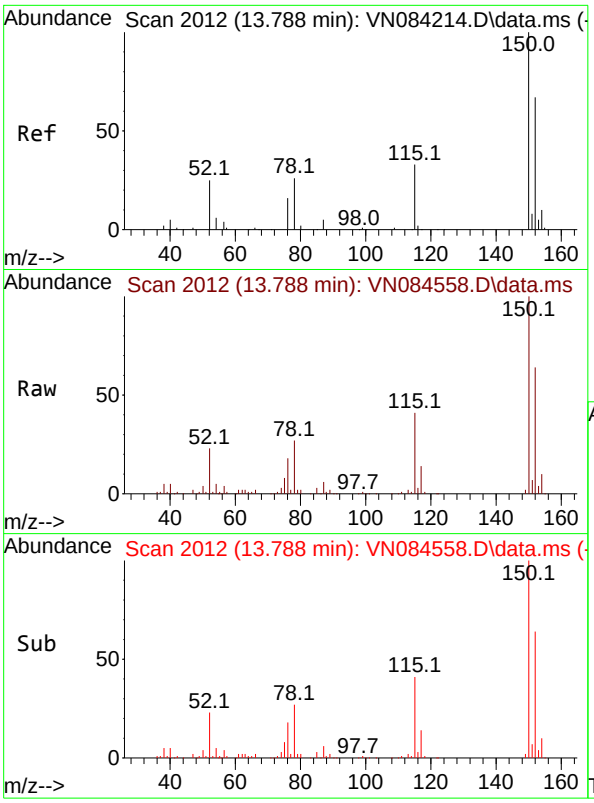


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion:117 Resp: 264179

Ion	Ratio	Lower	Upper
117	100		
82	56.6	47.2	70.8
119	31.7	25.4	38.0



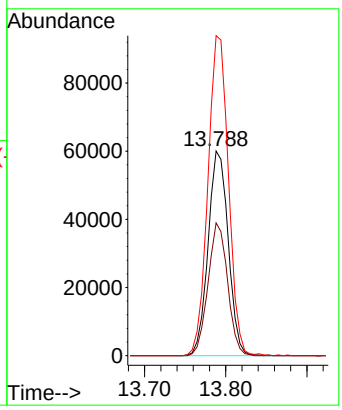


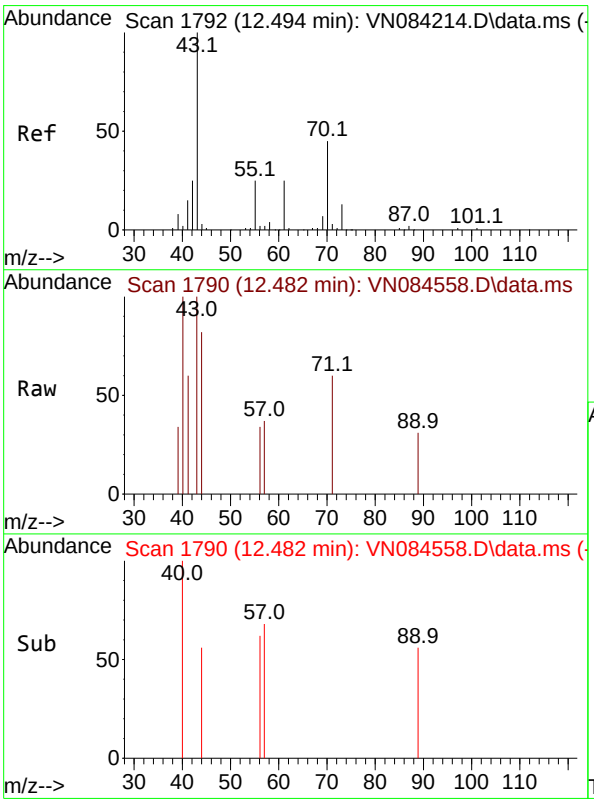
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 103307

Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.3	93.9
150	159.6	0.0	349.8

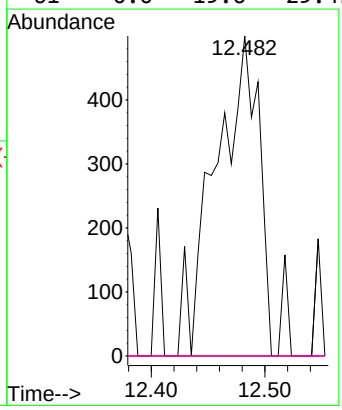


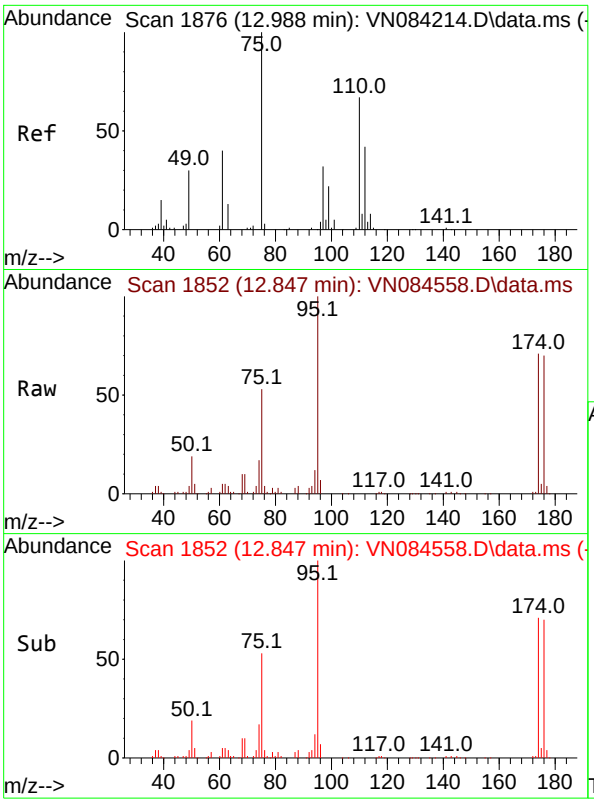


#74
N-amyl acetate
Concen: 0.373 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 43 Resp: 1332

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.4	51.6#
55	0.0	19.6	29.4#
61	0.0	19.6	29.4#



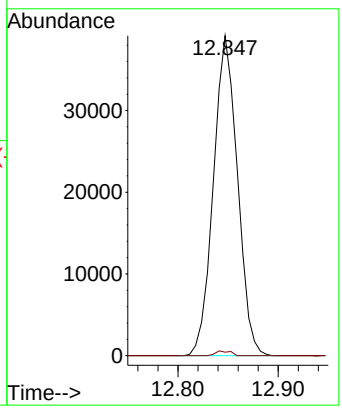


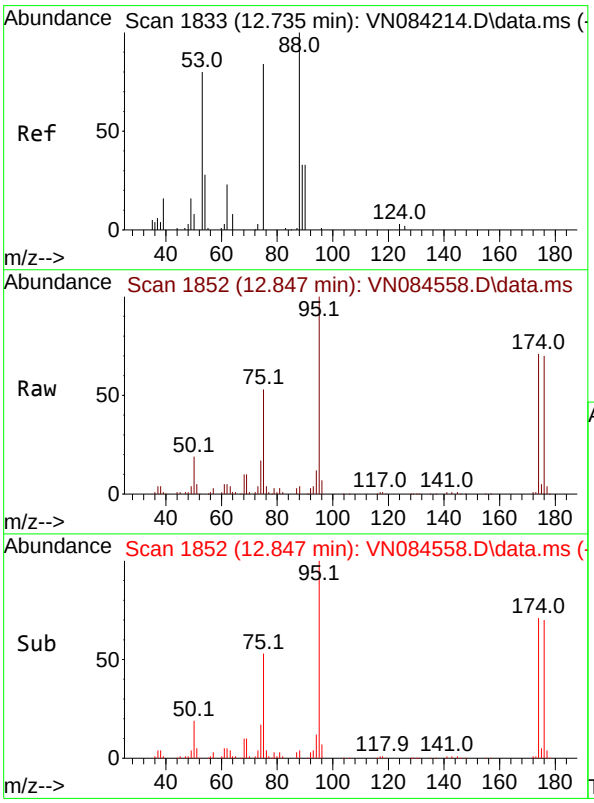
#76
1,2,3-Trichloropropane
Concen: 30.924 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65220

Ion	Ratio	Lower	Upper
75	100		
77	0.9	96.9	290.7#

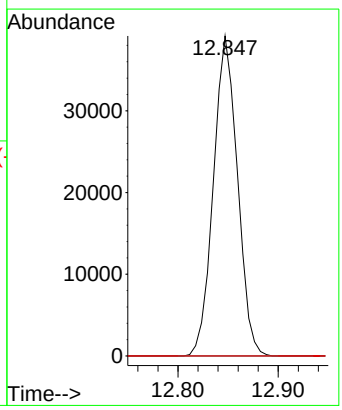


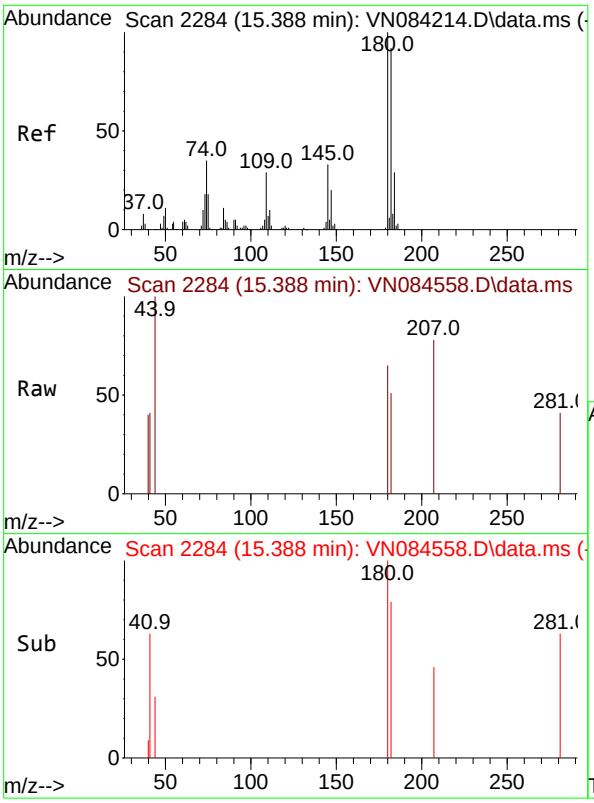


#81
trans-1,4-Dichloro-2-butene
Concen: 74.139 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion: 75 Resp: 65220

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



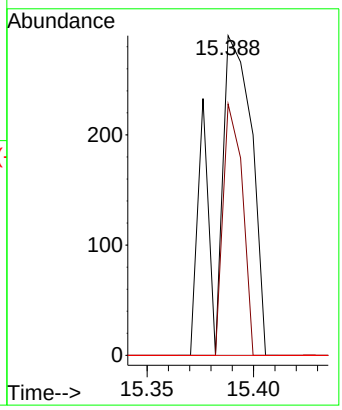


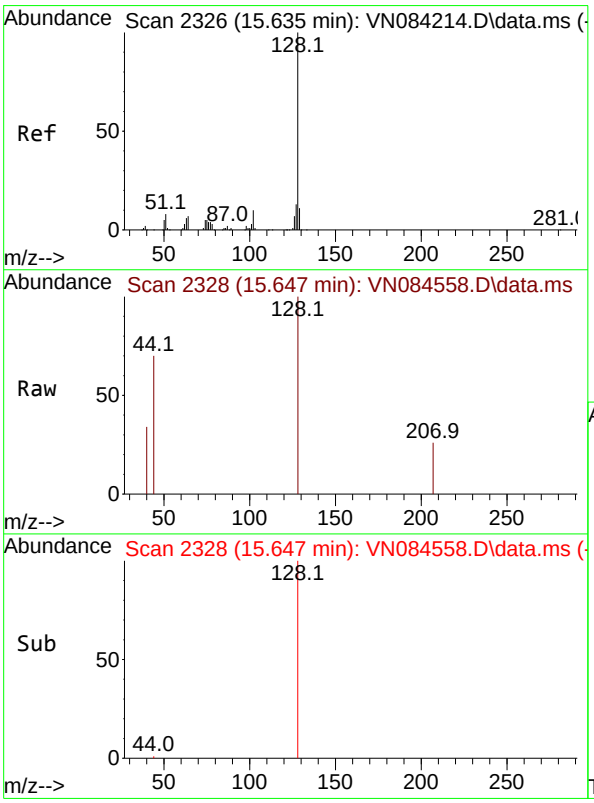
#93
1,2,4-Trichlorobenzene
Concen: 0.203 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 349

Ion	Ratio	Lower	Upper
180	100		
182	41.3	47.0	141.0#
145	0.0	16.4	49.4#





#95
Naphthalene
Concen: 0.223 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.012 min
Lab File: VN084558.D
Acq: 29 Oct 2024 12:53

Tgt Ion:128 Resp: 1272

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#