Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
Data File : VN080765.D
Acq On : 26 Jan 2024 10:53
Operator : JC\MD
Sample : VN0126MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Quant Time: Jan 29 02:27:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	112706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	260475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	85419	43.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 86.320%			
35) Dibromofluoromethane	8.165	113	71568	49.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.940%			
50) Toluene-d8	10.570	98	286906	52.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.020%			
62) 4-Bromofluorobenzene	12.853	95	112540	53.198	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.400%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	2357	0.493	ug/l #	83
5) Bromomethane	2.965	94	480	0.760	ug/l #	59
6) Chloroethane	3.100	64	258	Below Cal	#	43
13) Acrolein	4.183	56	246	0.880	ug/l #	16
15) Acrylonitrile	5.718	53	375	0.429	ug/l #	52
16) Acetone	4.436	43	686	1.056	ug/l #	40
17) Carbon Disulfide	4.718	76	1877	0.365	ug/l #	75
18) Methyl Acetate	5.047	43	956	0.494	ug/l #	42
25) 2-Butanone	7.482	43	238	0.203	ug/l #	37
29) Tetrahydrofuran	7.853	42	368	0.465	ug/l #	32
31) Cyclohexane	8.224	56	4280	1.400	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	11967	4.038	ug/l #	45
38) Carbon Tetrachloride	8.229	117	12862	4.834	ug/l #	14
49) 1,4-Dioxane	9.712	88	194	6.225	ug/l #	16
59) 2-Hexanone	11.206	43	630	0.299	ug/l	78
71) Bromoform	12.853	173	413	0.297	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	63860	19.973	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	63860	47.085	ug/l #	15
83) tert-Butylbenzene	13.447	119	1445	0.220	ug/l	99
85) sec-Butylbenzene	13.617	105	2795	0.299	ug/l	86
86) p-Isopropyltoluene	13.729	119	2058	0.279	ug/l #	85
88) 1,4-Dichlorobenzene	13.806	146	993	0.261	ug/l #	55
89) n-Butylbenzene	14.059	91	3429	0.483	ug/l #	72
92) 1,2-Dibromo-3-Chloropr...	14.806	75	127	Below Cal	#	4
93) 1,2,4-Trichlorobenzene	15.405	180	1153	0.628	ug/l #	75
94) Hexachlorobutadiene	15.494	225	655	0.743	ug/l #	27
95) Naphthalene	15.647	128	3372	0.467	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.841	180	1127	0.634	ug/l	86

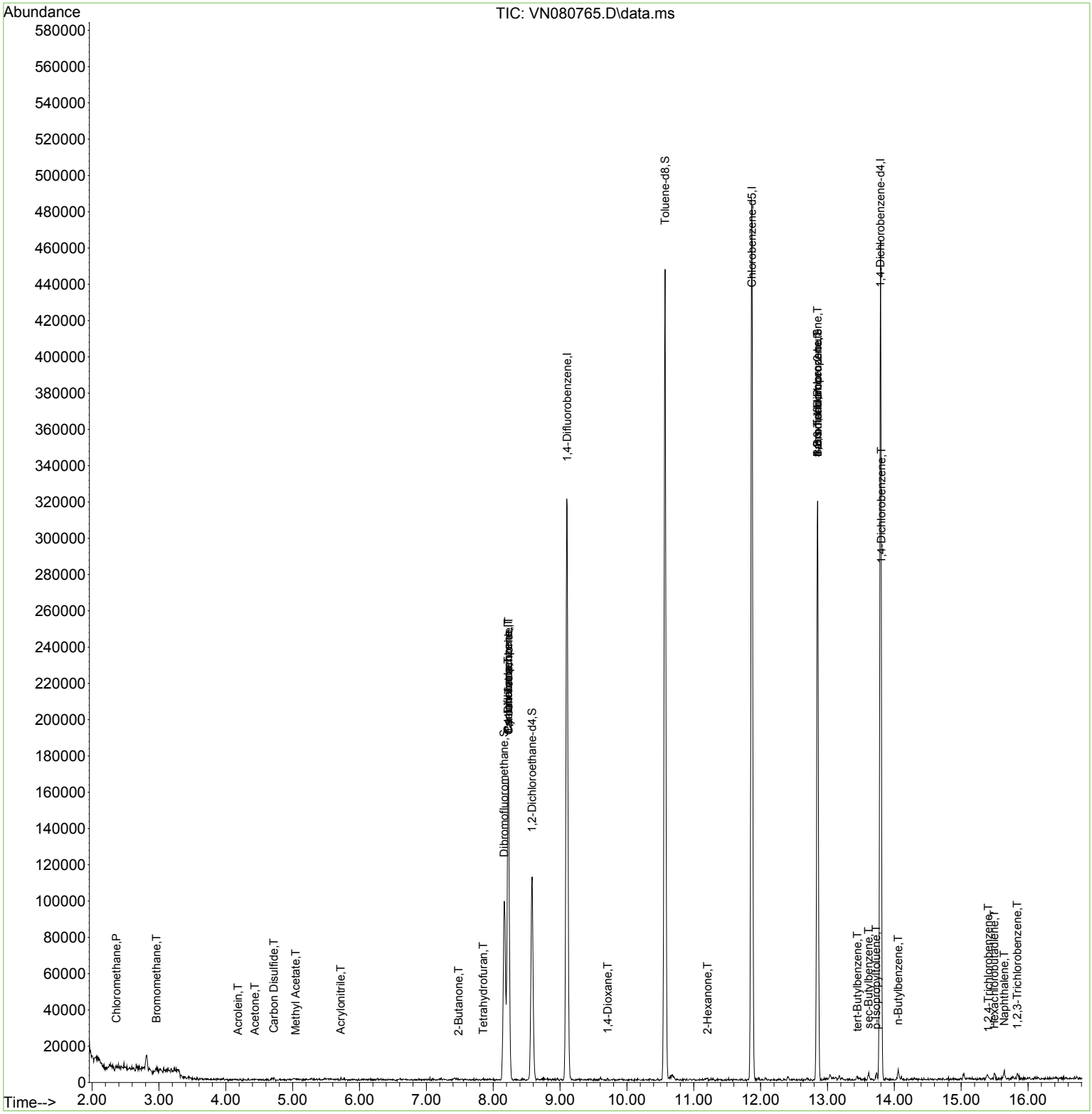
(#) = qualifier out of range (m) = manual integration (+) = signals summed

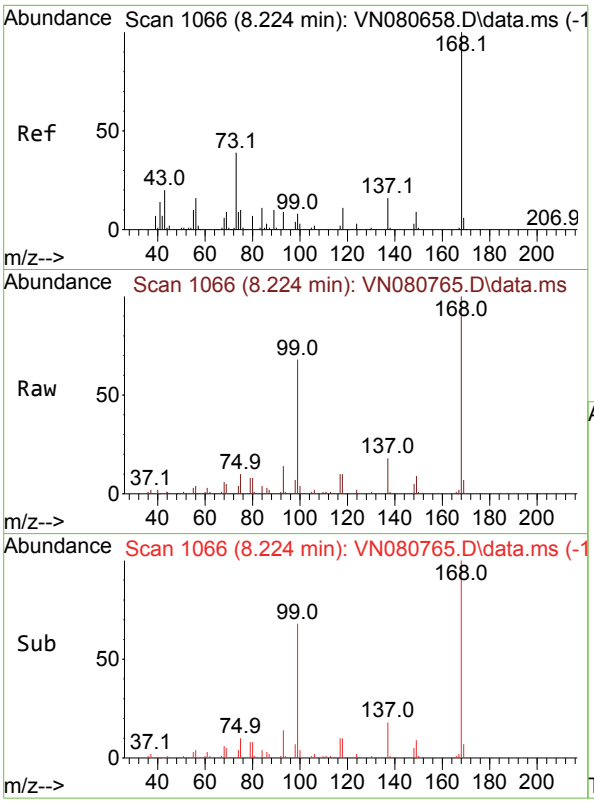
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012624\
Data File : VN080765.D
Acq On : 26 Jan 2024 10:53
Operator : JC\MD
Sample : VN0126MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Quant Time: Jan 29 02:27:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration



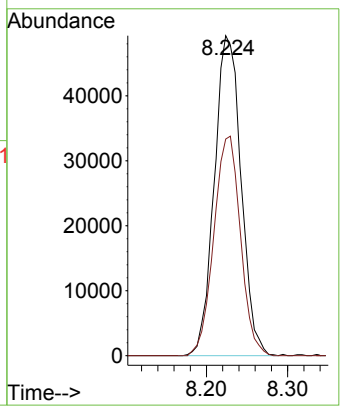


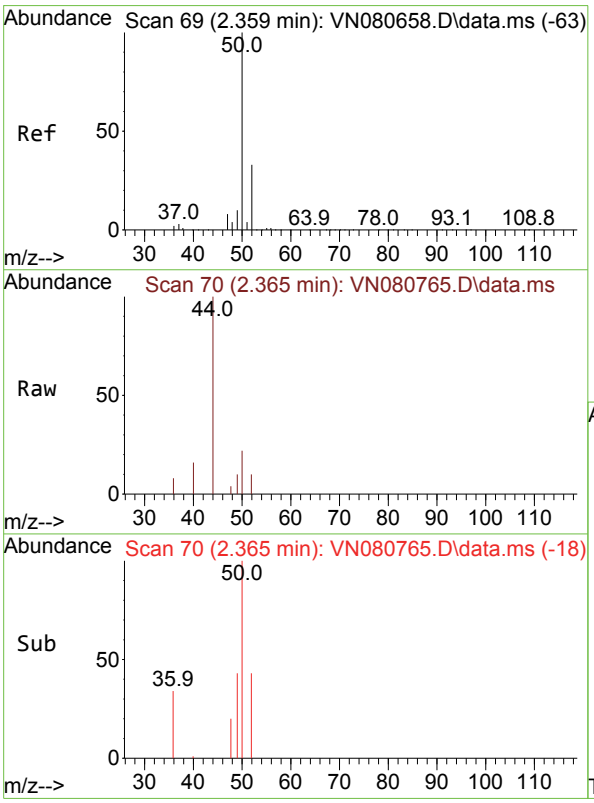
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion:168 Resp: 112706

Ion	Ratio	Lower	Upper
168	100		
99	67.7	53.0	79.6

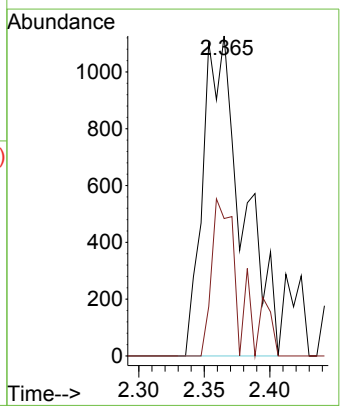


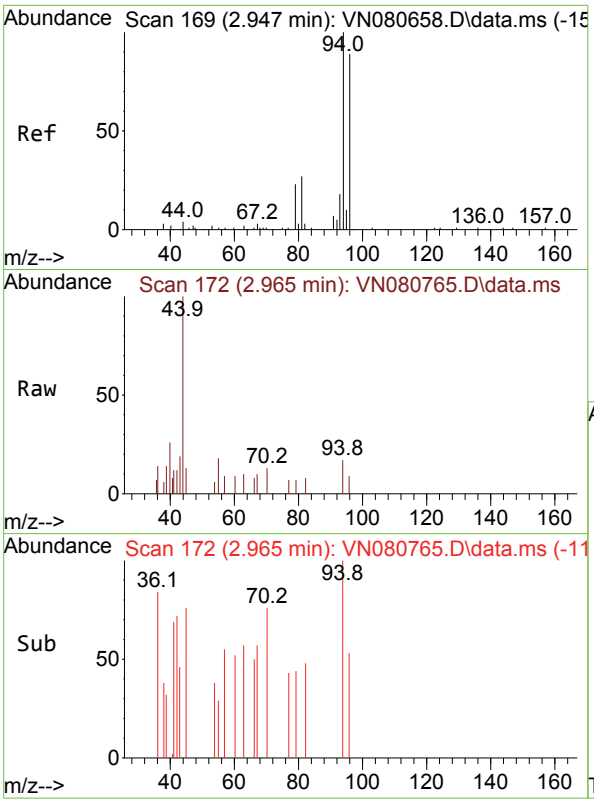


#3
Chloromethane
Concen: 0.493 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 50 Resp: 2357

Ion	Ratio	Lower	Upper
50	100		
52	42.9	26.5	39.7#



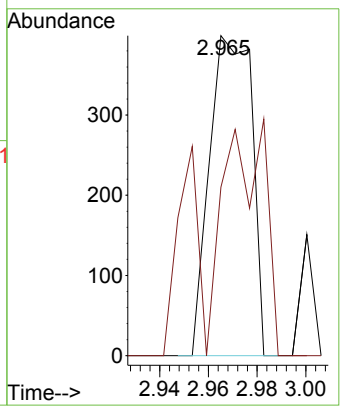


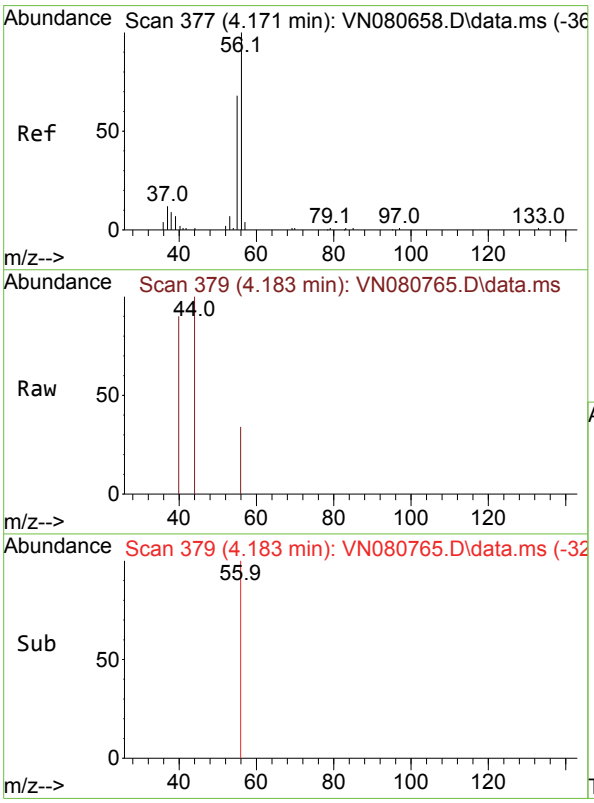
#5
Bromomethane
Concen: 0.760 ug/l
RT: 2.965 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 94 Resp: 480

Ion	Ratio	Lower	Upper
94	100		
96	52.6	73.1	109.7#

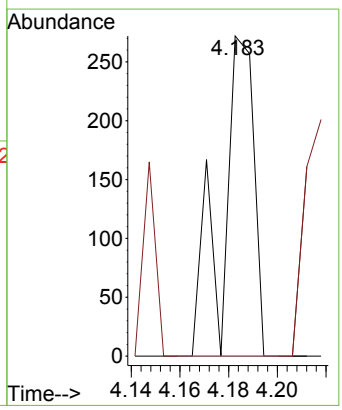


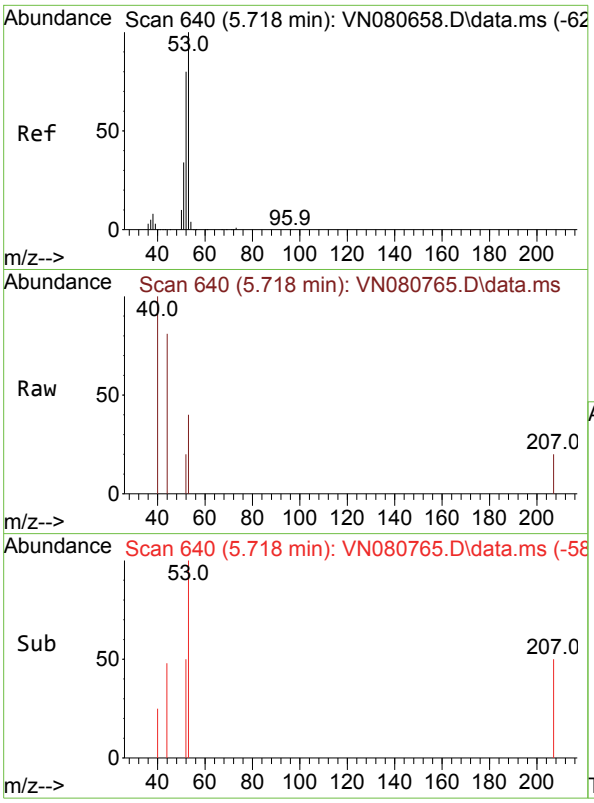


#13
Acrolein
Concen: 0.880 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 56 Resp: 246

Ion	Ratio	Lower	Upper
56	100		
55	0.0	54.5	81.7#



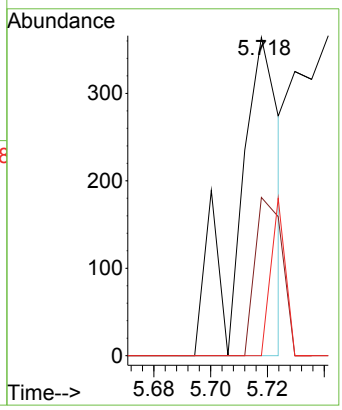


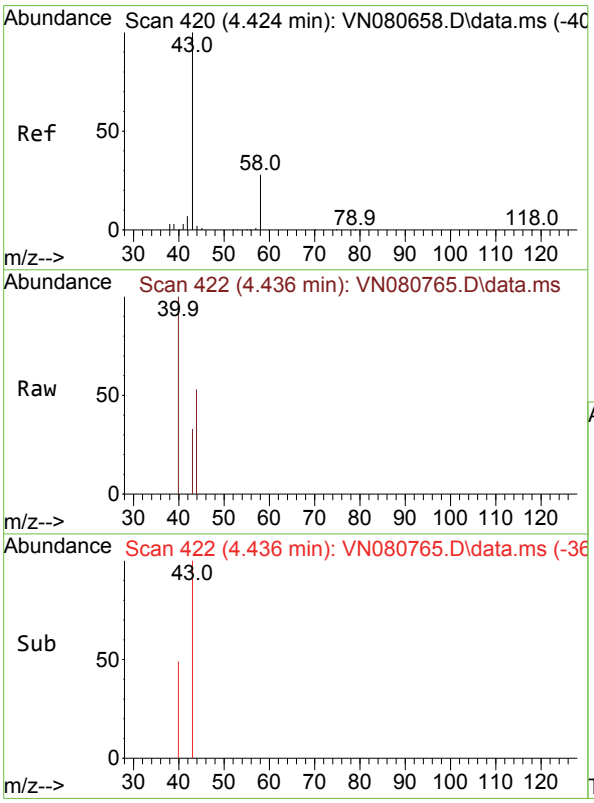
#15
Acrylonitrile
Concen: 0.429 ug/l
RT: 5.718 min Scan# 64
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 53 Resp: 375

Ion	Ratio	Lower	Upper
53	100		
52	32.0	65.3	97.9#
51	17.1	28.9	43.3#

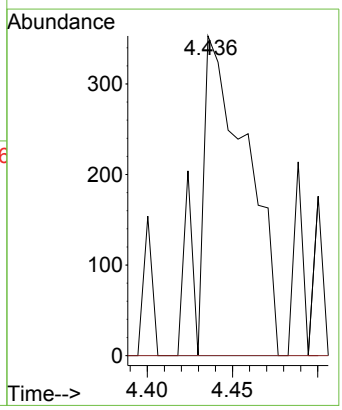


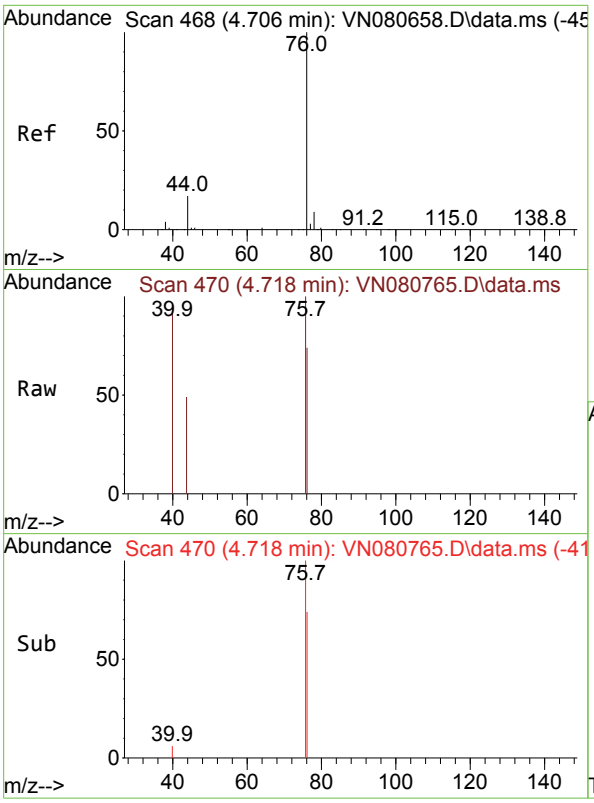


#16
Acetone
Concen: 1.056 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 43 Resp: 686

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#



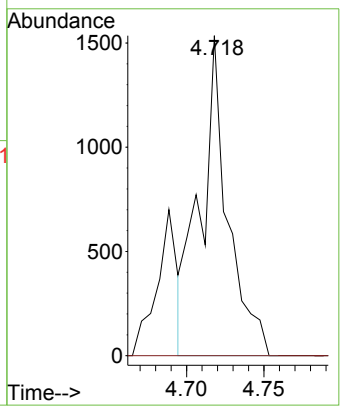


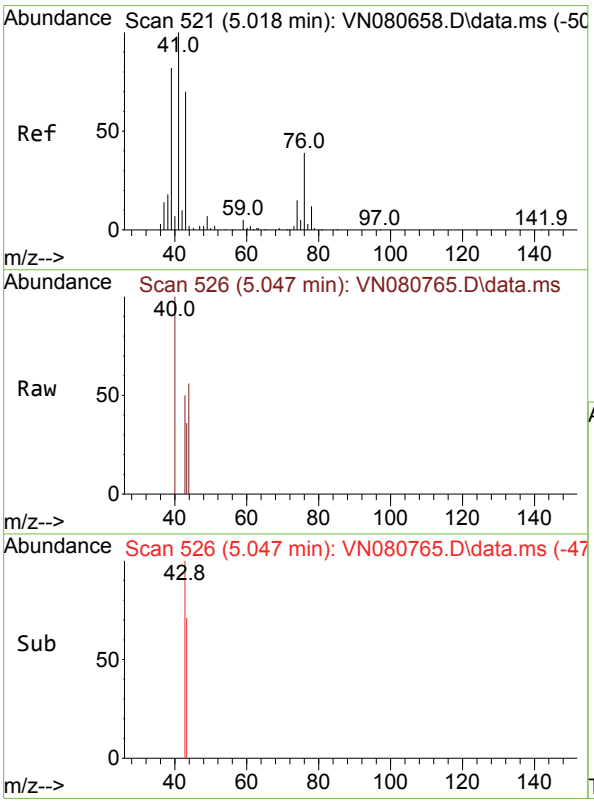
#17
Carbon Disulfide
Concen: 0.365 ug/l
RT: 4.718 min Scan# 4
Delta R.T. 0.012 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 76 Resp: 1877

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

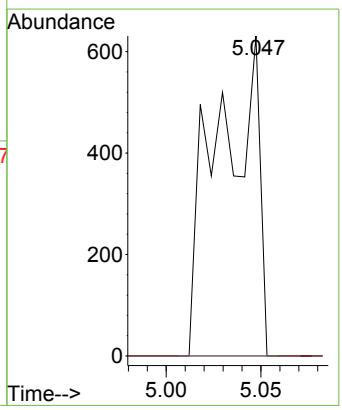


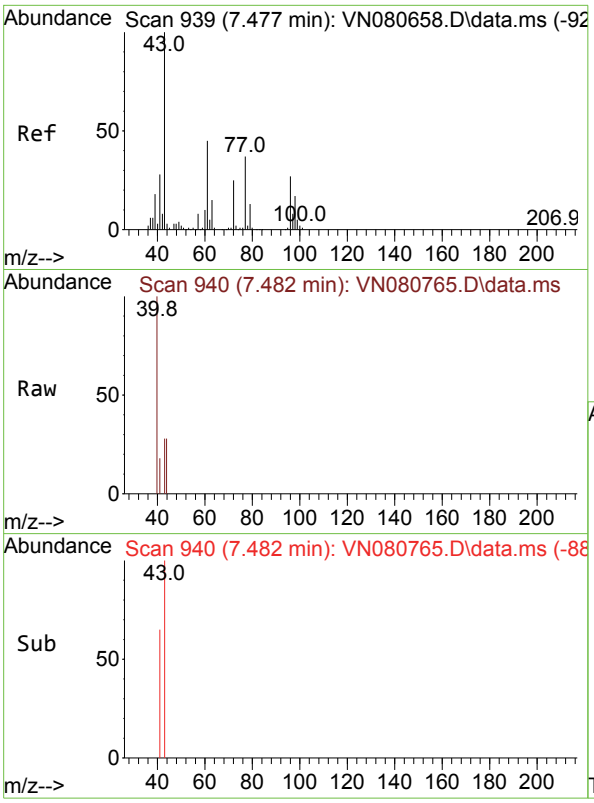


#18
Methyl Acetate
Concen: 0.494 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 43 Resp: 956

Ion	Ratio	Lower	Upper
43	100		
74	0.0	26.2	39.4#



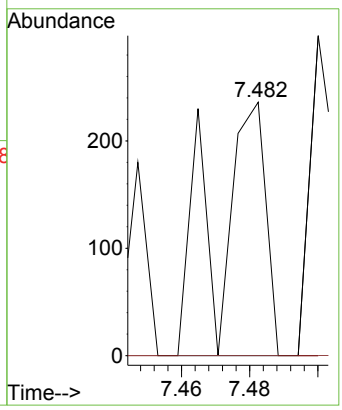


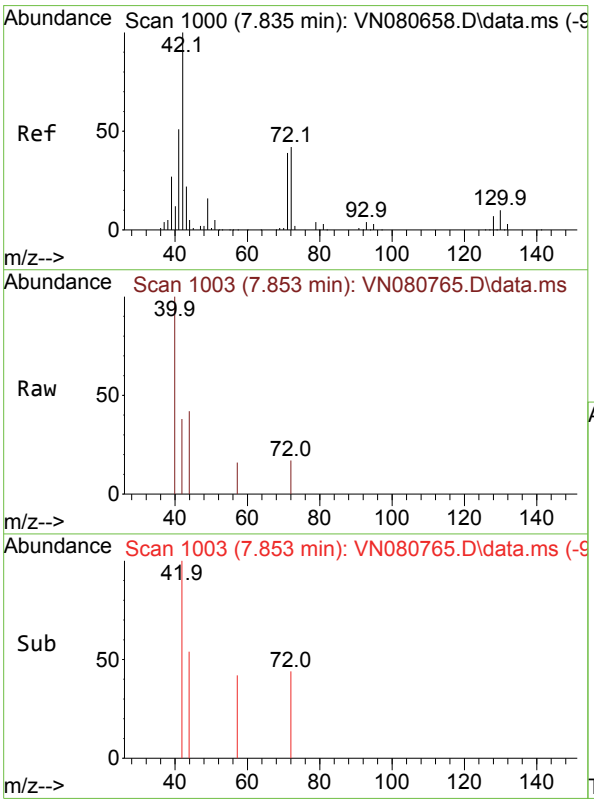
#25
2-Butanone
Concen: 0.203 ug/l
RT: 7.482 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 43 Resp: 238

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.2	45.2#

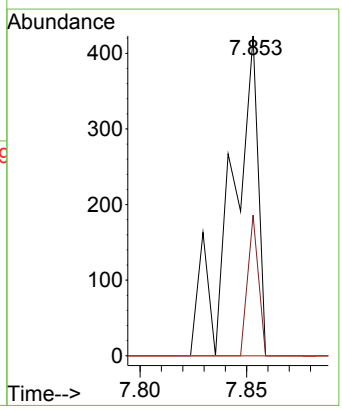


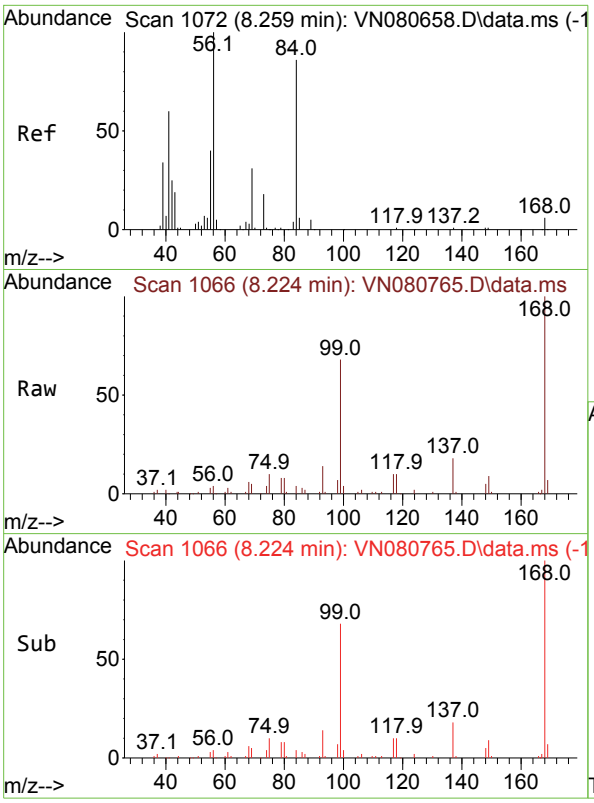


#29
Tetrahydrofuran
Concen: 0.465 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 42 Resp: 368

Ion	Ratio	Lower	Upper
42	100		
72	17.9	49.8	74.6#
71	0.0	47.4	71.2#



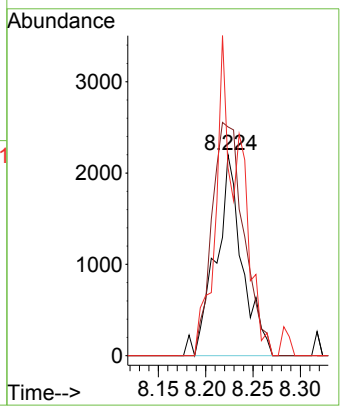


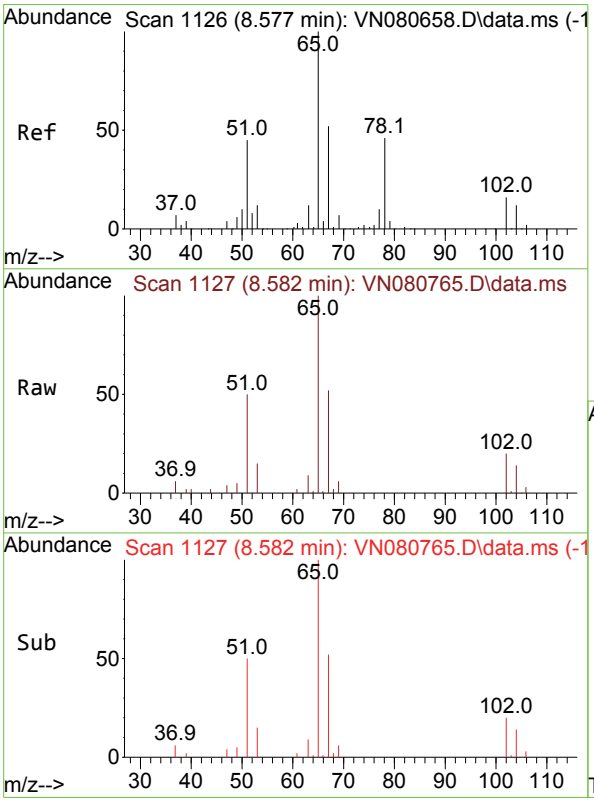
#31
Cyclohexane
Concen: 1.400 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 56 Resp: 4280

Ion	Ratio	Lower	Upper
56	100		
69	113.8	26.8	40.2#
84	93.6	81.8	122.6

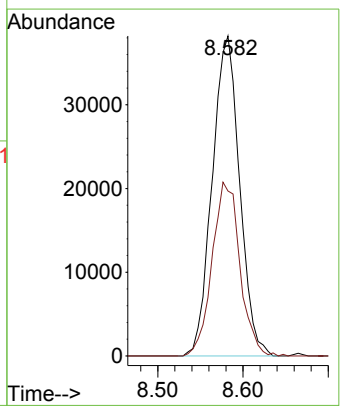


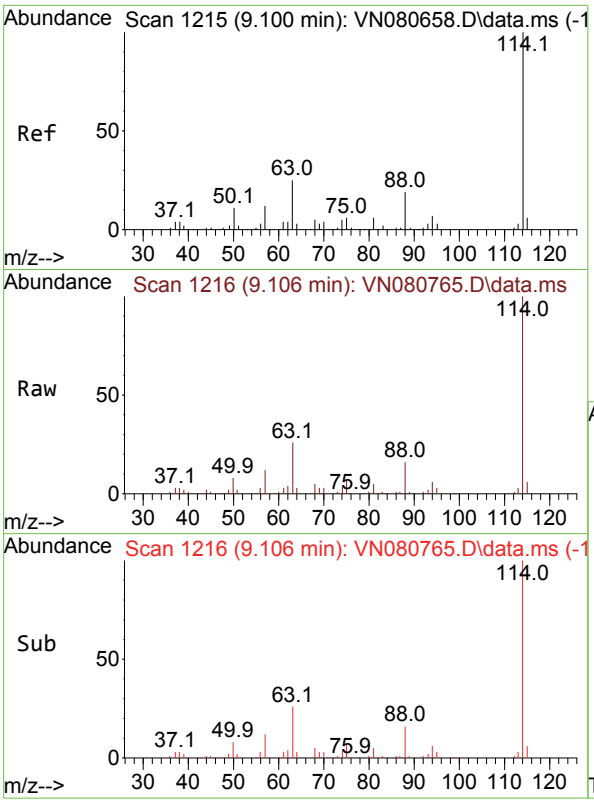


#33
1,2-Dichloroethane-d4
Concen: 43.158 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 65 Resp: 85419

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	106.6



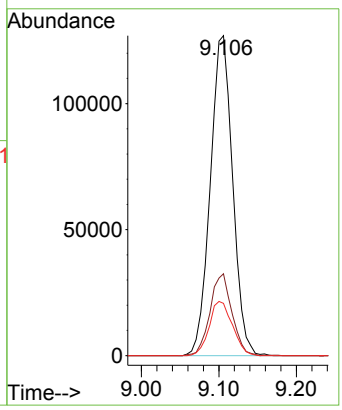


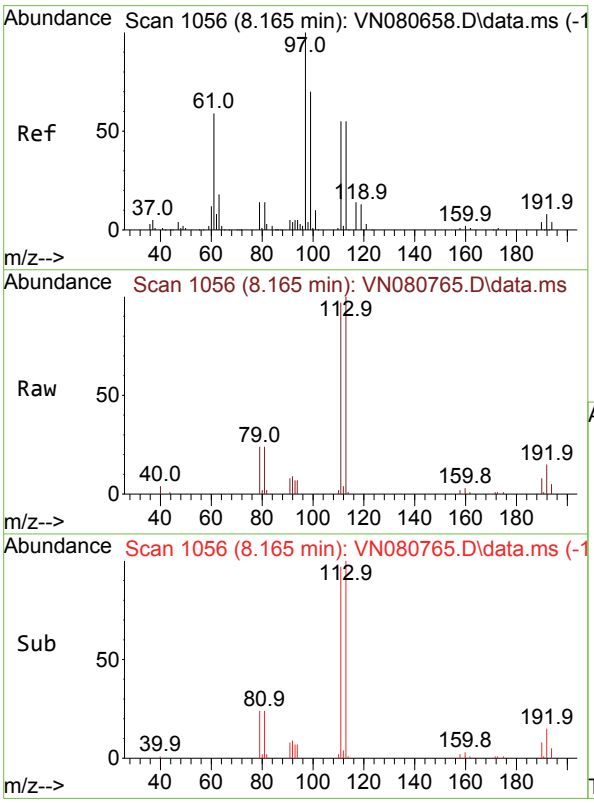
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion:114 Resp: 254635

Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	36.4
88	16.3	0.0	30.6

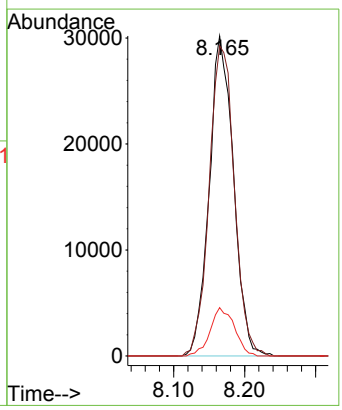


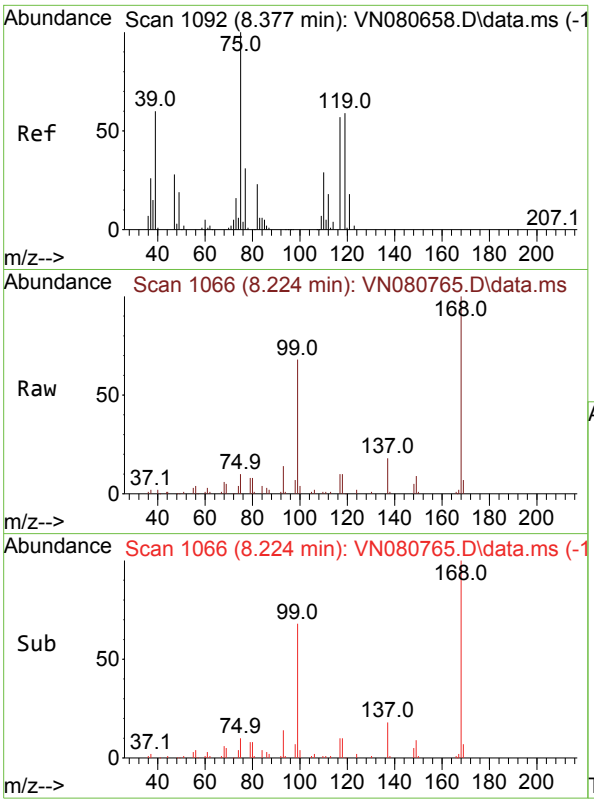


#35
Dibromofluoromethane
Concen: 49.467 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion:113 Resp: 71568

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.6	123.8
192	15.1	12.7	19.1



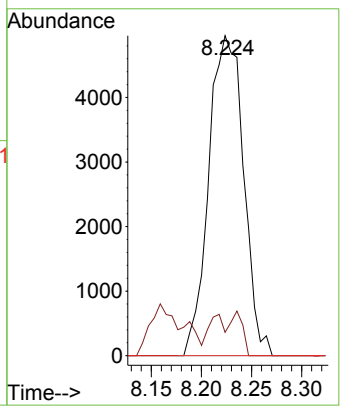


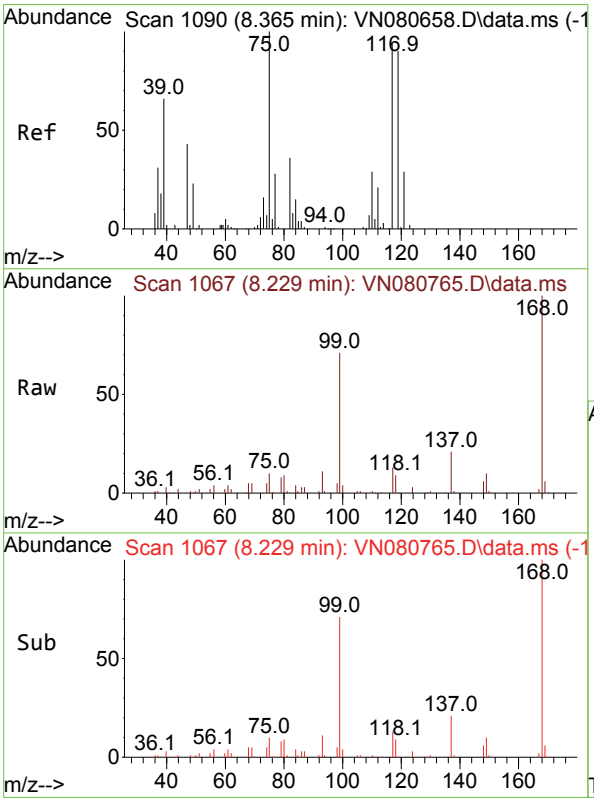
#36
1,1-Dichloropropene
Concen: 4.038 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.153 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 75 Resp: 11967

Ion	Ratio	Lower	Upper
75	100		
110	5.9	19.1	57.3#
77	0.0	25.0	37.4#

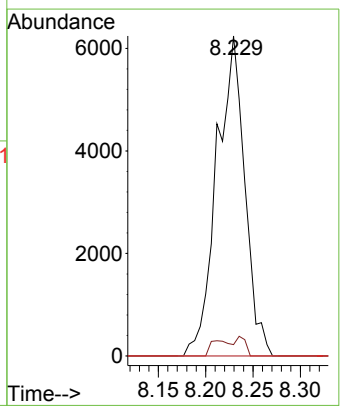


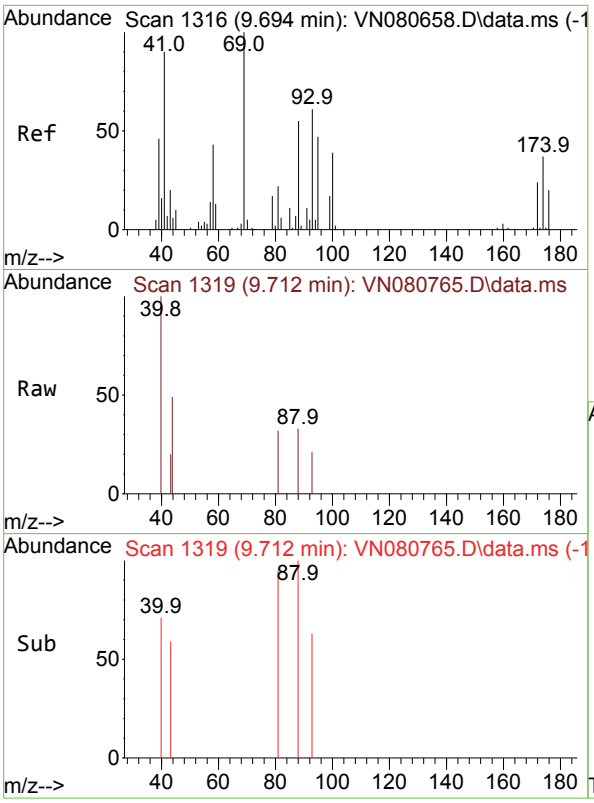


#38
Carbon Tetrachloride
Concen: 4.834 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion:117 Resp: 12862

Ion	Ratio	Lower	Upper
117	100		
119	3.6	77.3	115.9#
121	0.0	23.3	34.9#



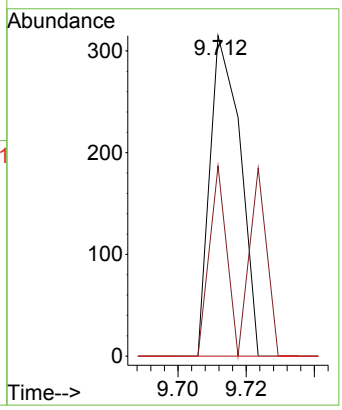


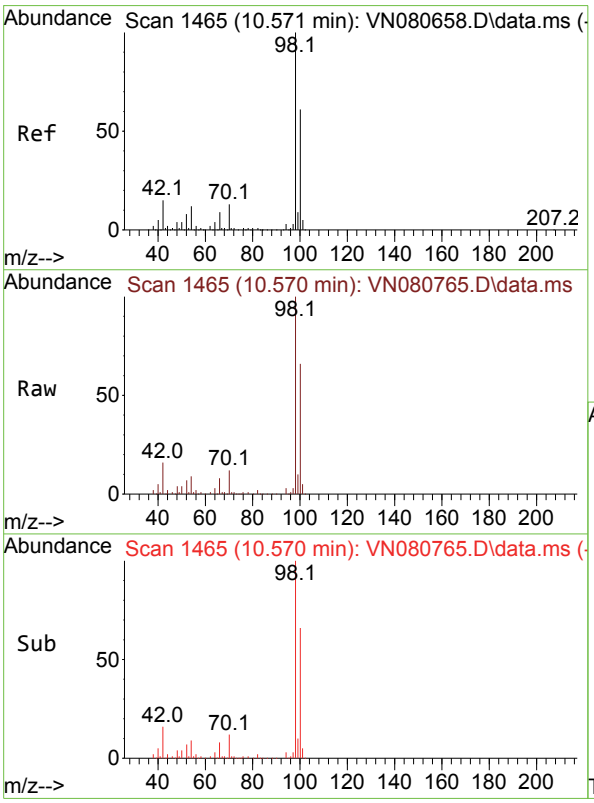
#49
1,4-Dioxane
Concen: 6.225 ug/l
RT: 9.712 min Scan# 1
Delta R.T. 0.018 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 88 Resp: 194

Ion	Ratio	Lower	Upper
88	100		
43	67.5	17.0	25.6#
58	0.0	47.0	70.4#

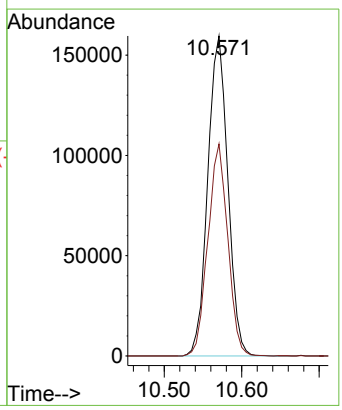


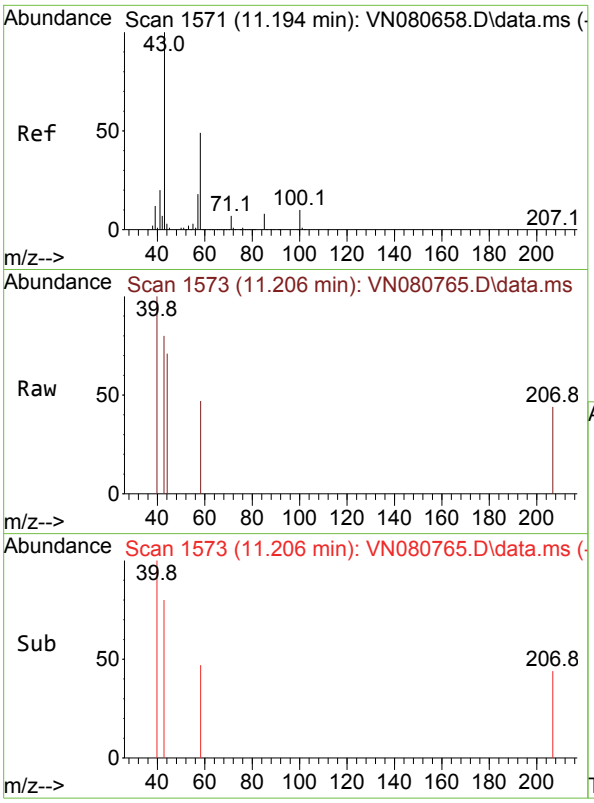


#50
Toluene-d8
Concen: 52.007 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 98 Resp: 286906

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.0	78.0



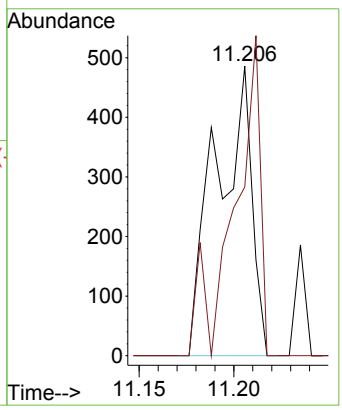


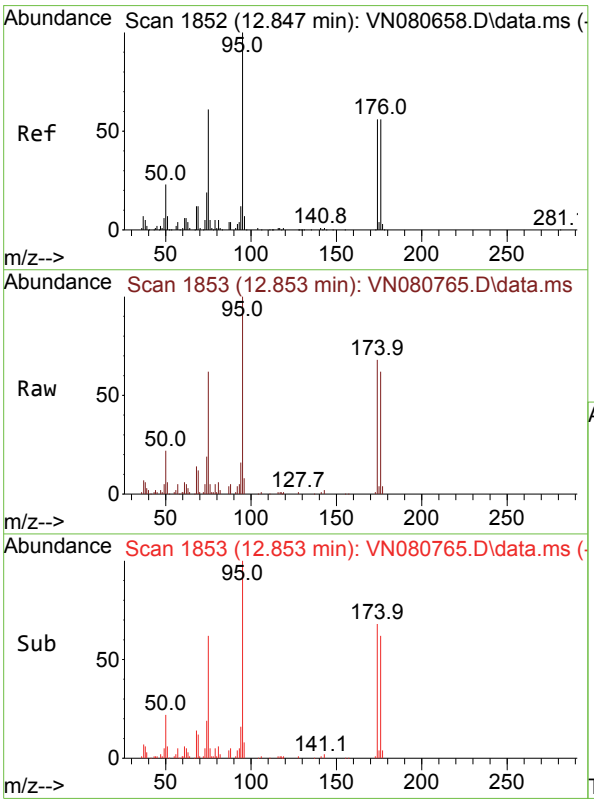
#59
2-Hexanone
Concen: 0.299 ug/l
RT: 11.206 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 43 Resp: 630

Ion	Ratio	Lower	Upper
43	100		
58	80.6	31.7	95.1

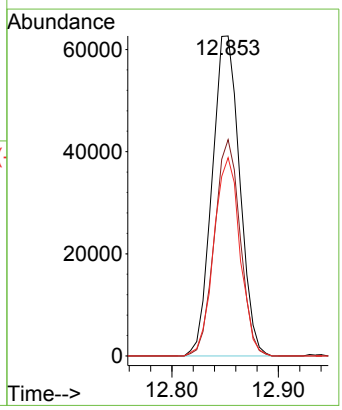


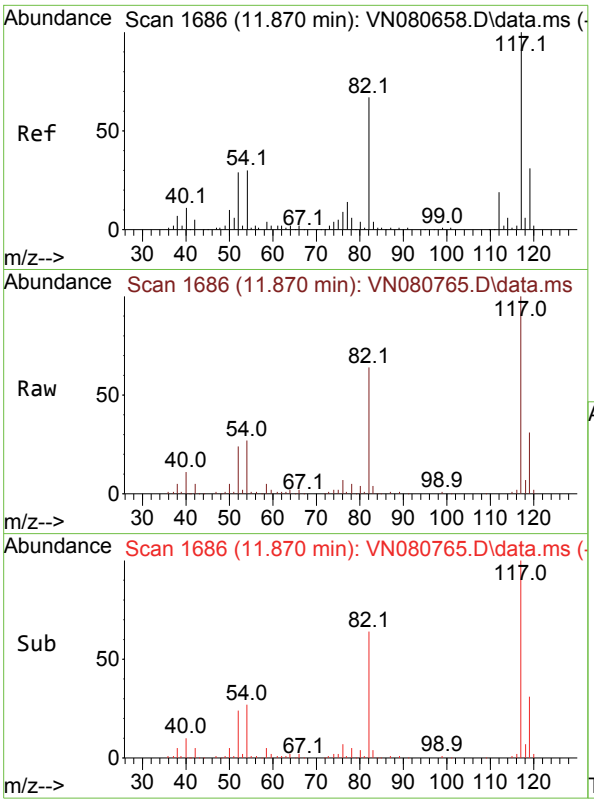


#62
4-Bromofluorobenzene
Concen: 53.198 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 95 Resp: 112540

Ion	Ratio	Lower	Upper
95	100		
174	63.2	0.0	143.8
176	59.1	0.0	135.8



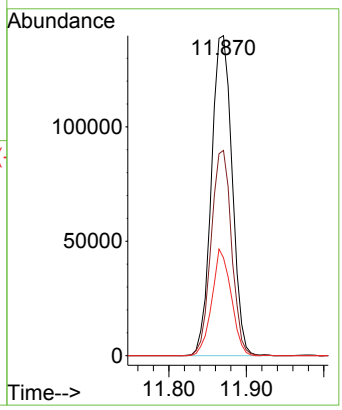


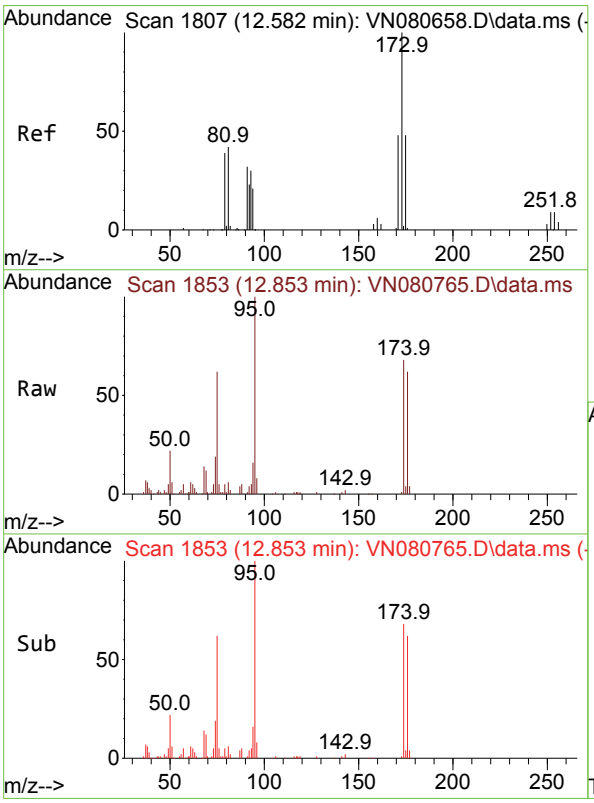
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion:117 Resp: 260475

Ion	Ratio	Lower	Upper
117	100		
82	64.1	44.0	66.0
119	30.6	25.6	38.4

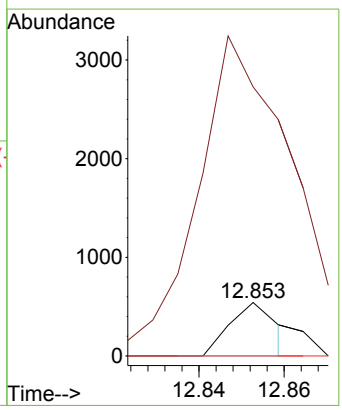


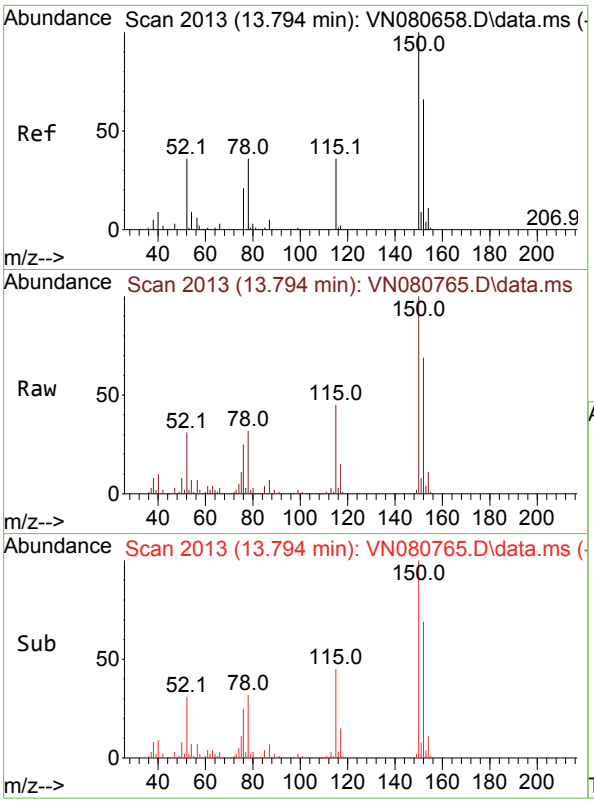


#71
Bromoform
Concen: 0.297 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion:173 Resp: 413

Ion	Ratio	Lower	Upper
173	100		
175	989.3	24.3	73.0#
254	0.0	0.0	0.0



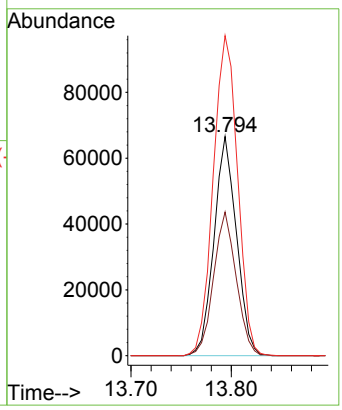


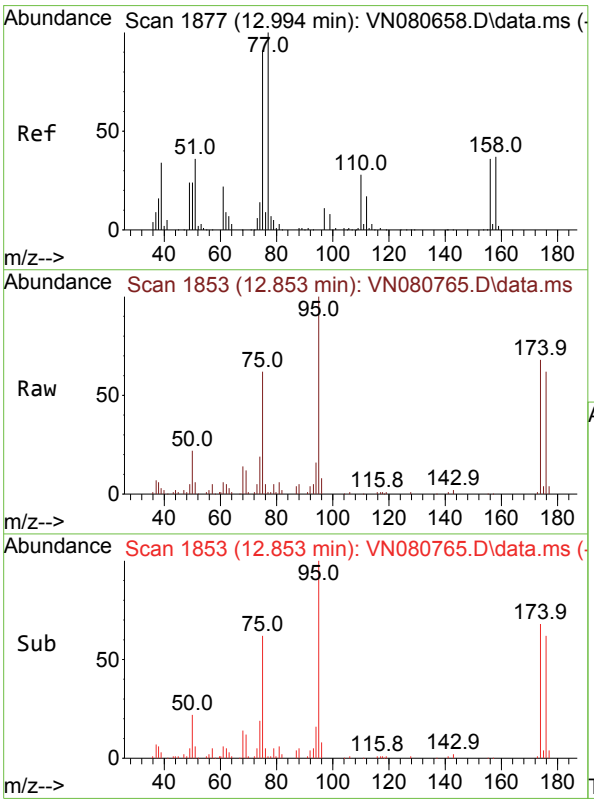
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion:152 Resp: 103687

Ion	Ratio	Lower	Upper
152	100		
115	66.1	32.3	96.8
150	158.0	0.0	355.8

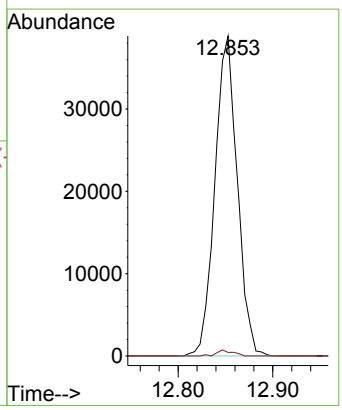


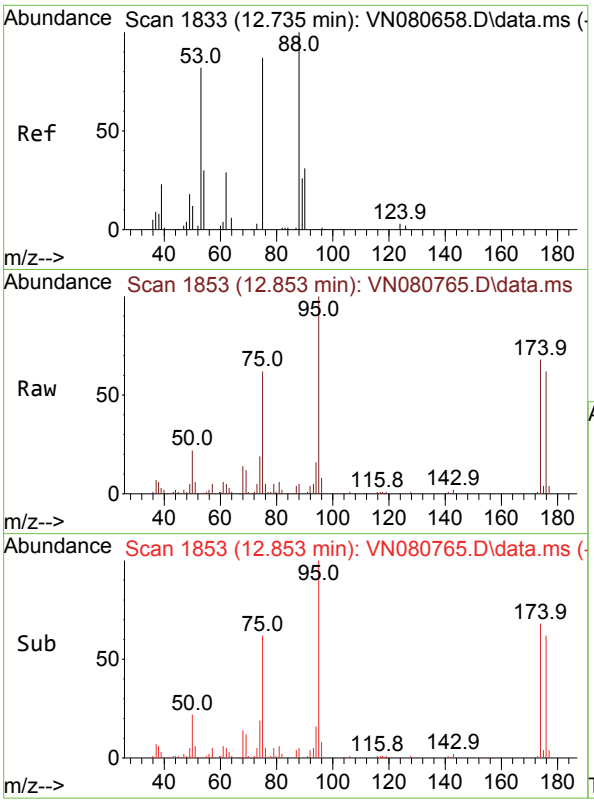


#76
1,2,3-Trichloropropane
Concen: 19.973 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 75 Resp: 63860

Ion	Ratio	Lower	Upper
75	100		
77	1.3	84.5	253.5#



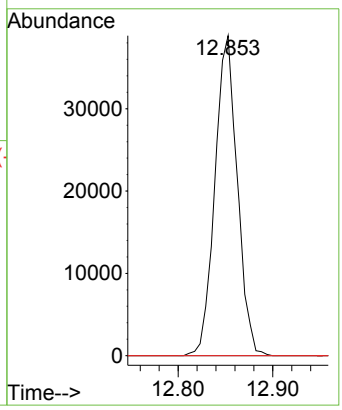


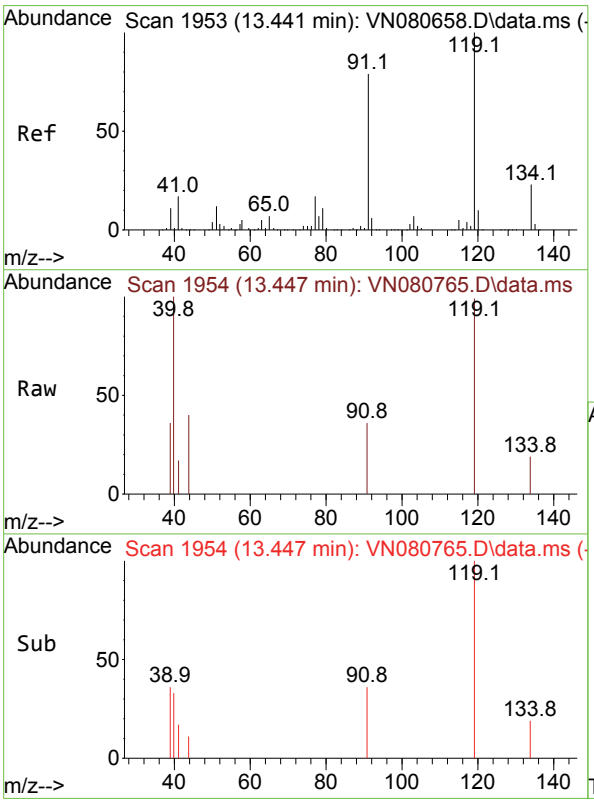
#81
trans-1,4-Dichloro-2-butene
Concen: 47.085 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.118 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 75 Resp: 63860

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.2#
89	0.0	38.8	58.2#

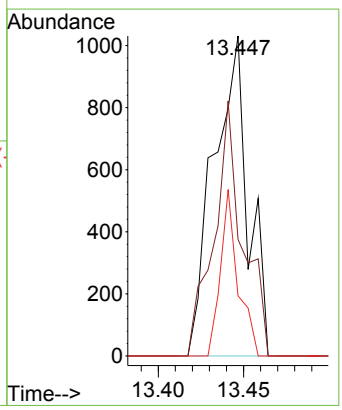


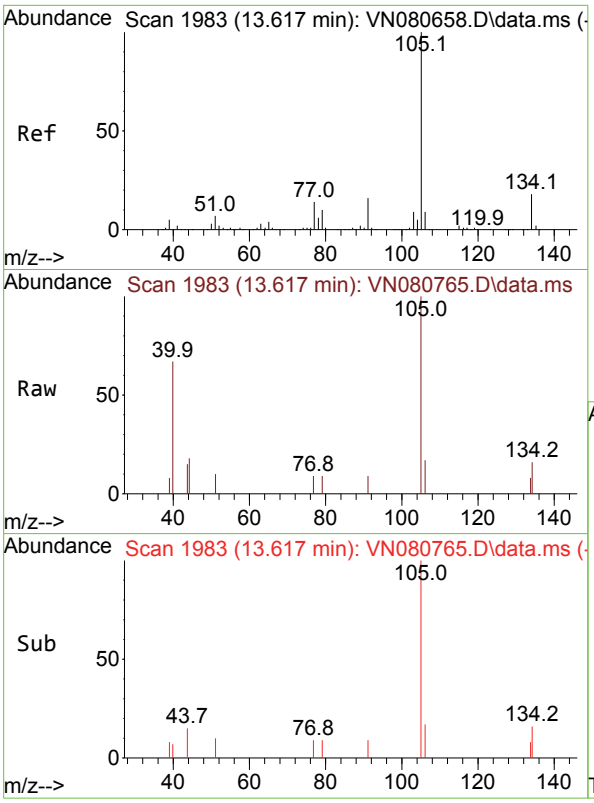


#83
tert-Butylbenzene
Concen: 0.220 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion:119 Resp: 1445

Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.9	101.7
134	26.4	13.2	39.6



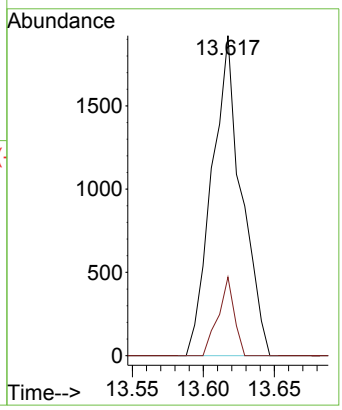


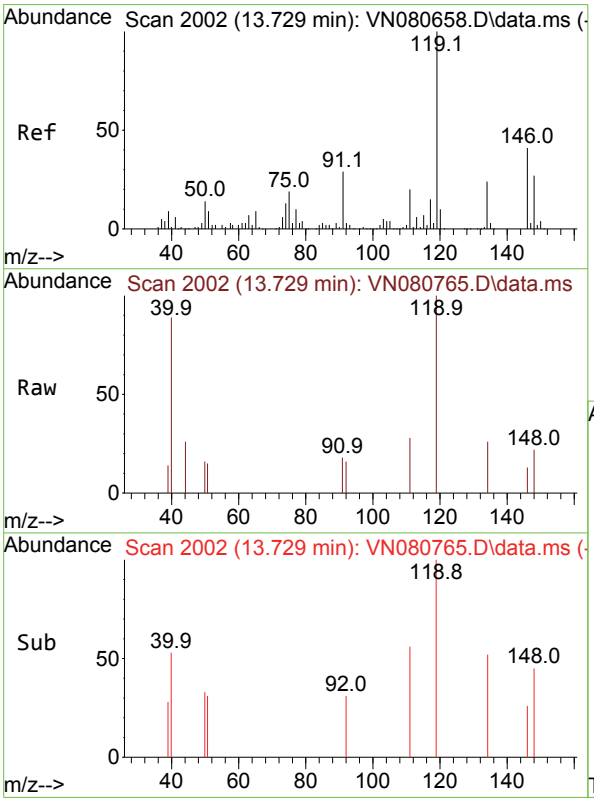
#85
sec-Butylbenzene
Concen: 0.299 ug/l
RT: 13.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion:105 Resp: 2795

Ion	Ratio	Lower	Upper
105	100		
134	13.2	9.8	29.3

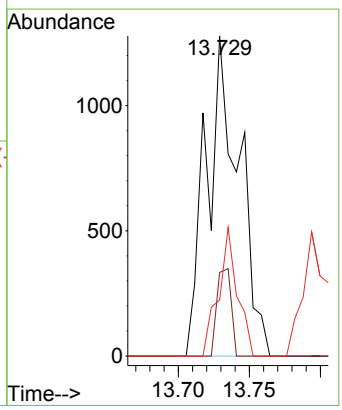


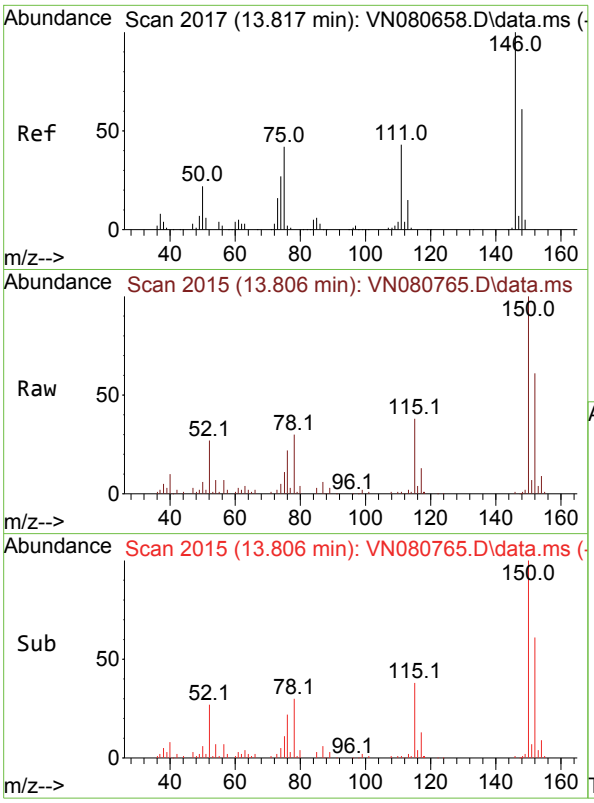


#86
p-Isopropyltoluene
Concen: 0.279 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion:119 Resp: 2058

Ion	Ratio	Lower	Upper
119	100		
134	11.7	12.6	37.8#
91	23.1	12.4	37.2



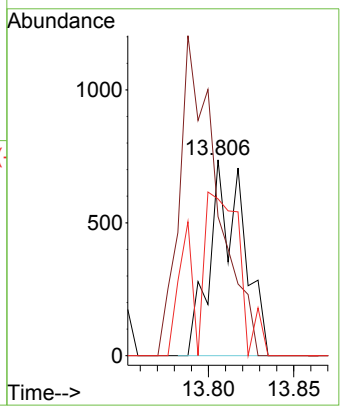


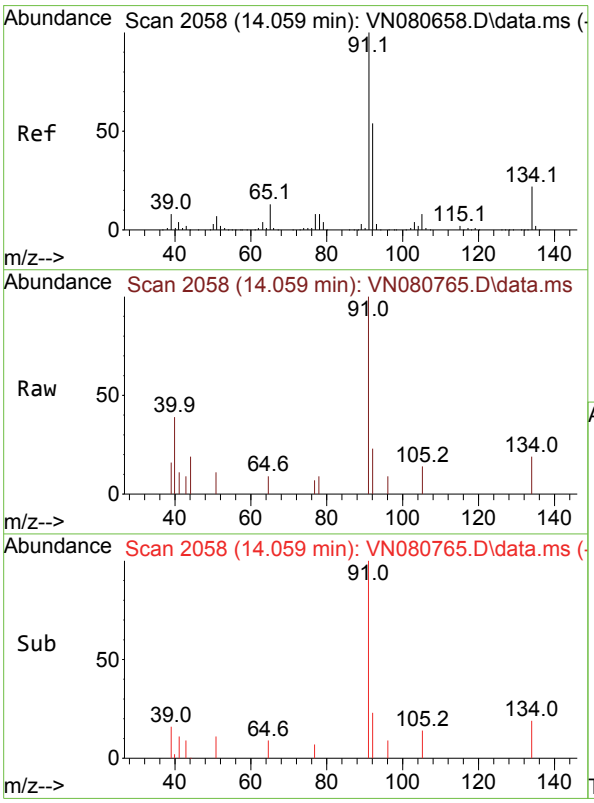
#88
1,4-Dichlorobenzene
Concen: 0.261 ug/l
RT: 13.806 min Scan# 2
Delta R.T. -0.012 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion:146 Resp: 993

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.6	61.8#
148	87.8	31.6	94.8

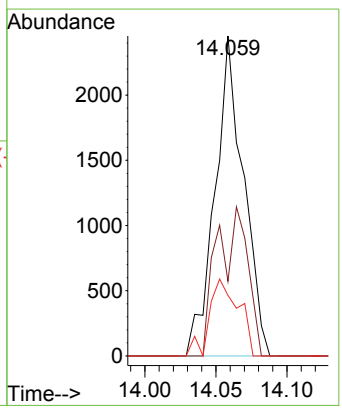


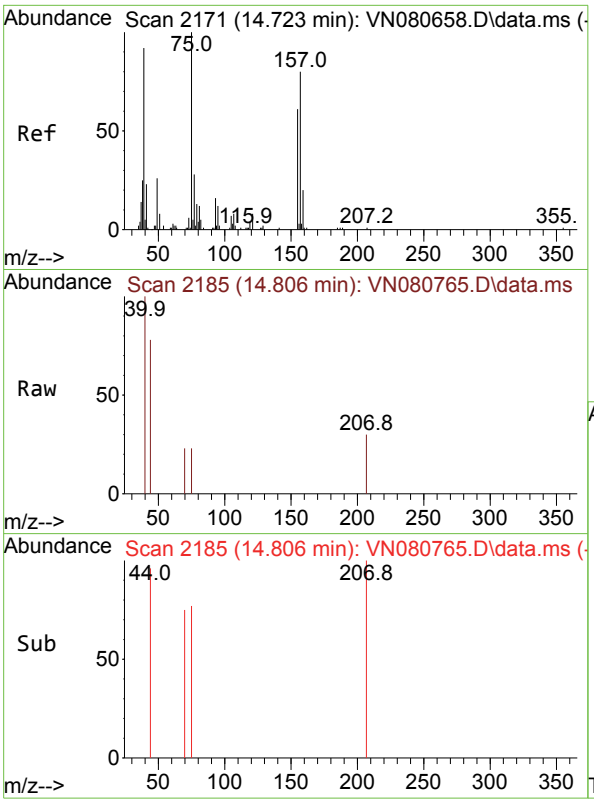


#89
n-Butylbenzene
Concen: 0.483 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion: 91 Resp: 3429

Ion	Ratio	Lower	Upper
91	100		
92	24.0	26.4	79.0#
134	24.6	12.6	37.6



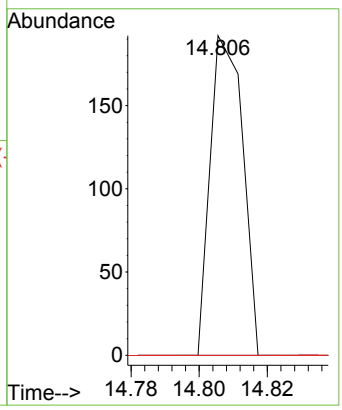


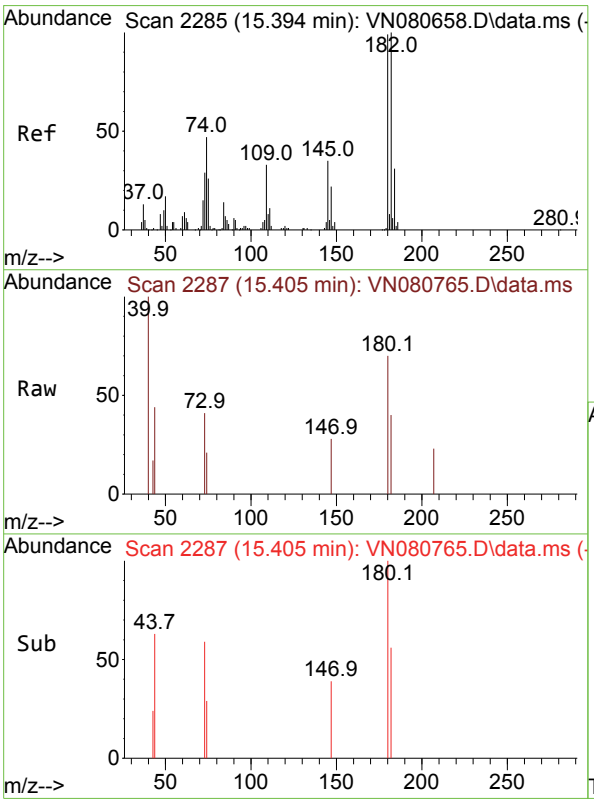
#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.806 min Scan# 21
Delta R.T. 0.083 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion: 75 Resp: 127

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.1	117.2#
157	0.0	50.3	150.9#

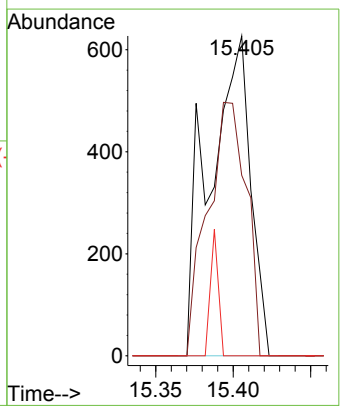


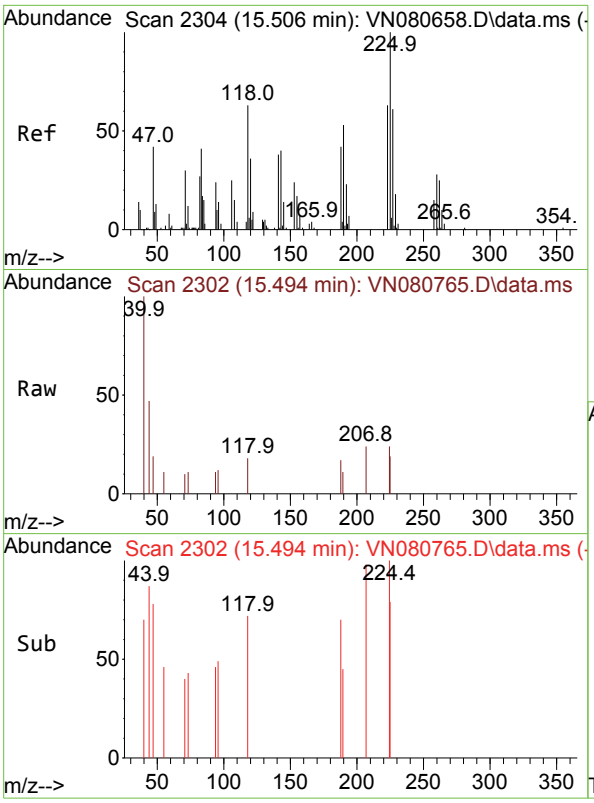


#93
1,2,4-Trichlorobenzene
Concen: 0.628 ug/l
RT: 15.405 min Scan# 2287
Delta R.T. 0.011 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion:180 Resp: 1153

Ion	Ratio	Lower	Upper
180	100		
182	74.9	46.1	138.2
145	7.6	16.6	49.8#



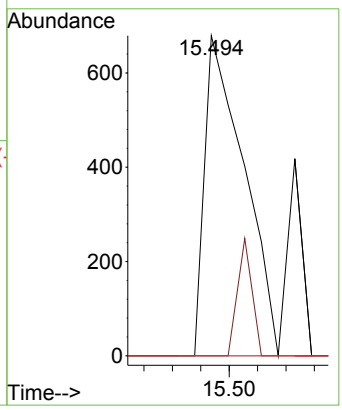


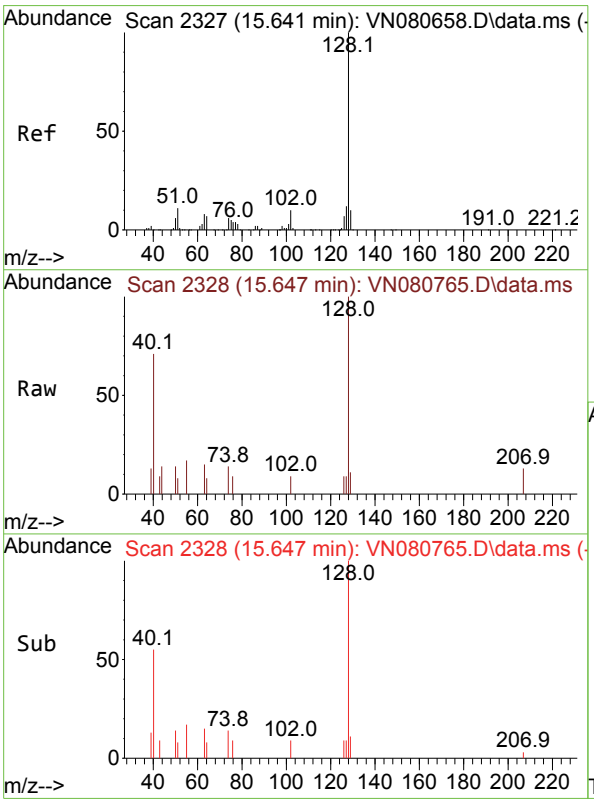
#94
Hexachlorobutadiene
Concen: 0.743 ug/l
RT: 15.494 min Scan# 2
Delta R.T. -0.012 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion:225 Resp: 655

Ion	Ratio	Lower	Upper
225	100		
223	13.4	31.3	93.8#
227	0.0	31.9	95.9#

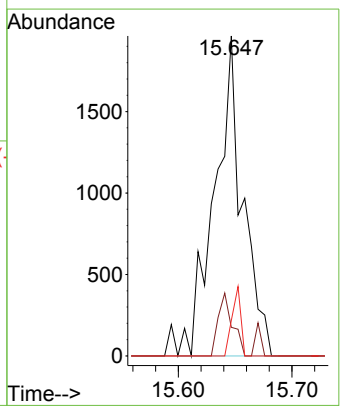


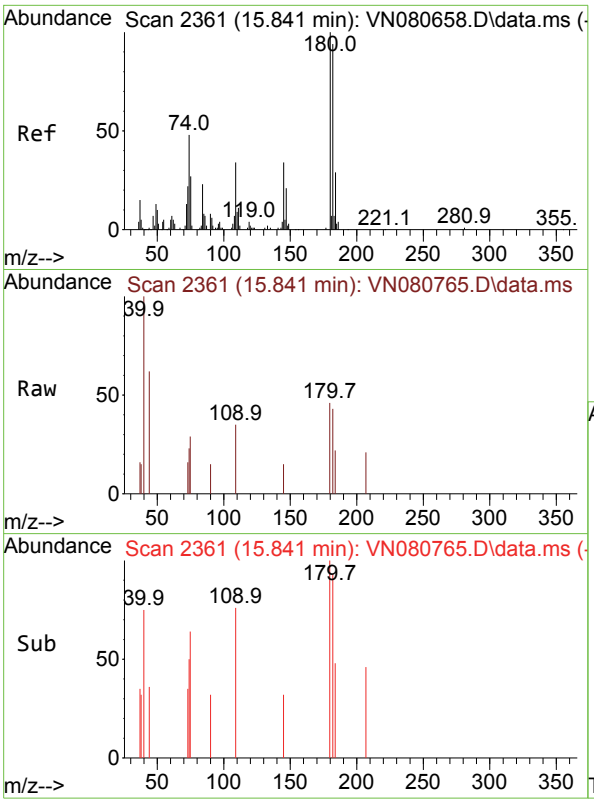


#95
Naphthalene
Concen: 0.467 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Tgt Ion:128 Resp: 3372

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.0	15.0
129	6.7	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 0.634 ug/l
RT: 15.841 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN080765.D
Acq: 26 Jan 2024 10:53

Instrument :
MSVOA_N
ClientSampleId :
VN0126MBL01

Tgt Ion:180 Resp: 1127

Ion	Ratio	Lower	Upper
180	100		
182	82.5	46.2	138.6
145	22.2	17.5	52.6