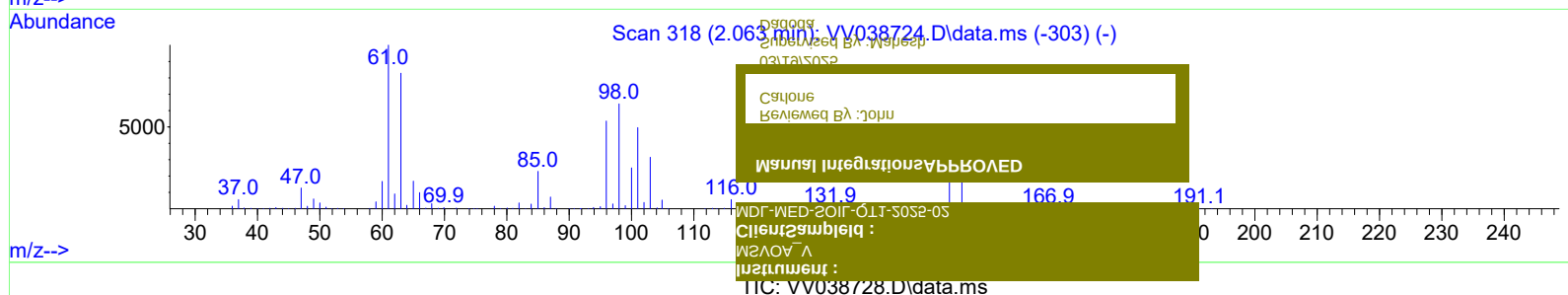
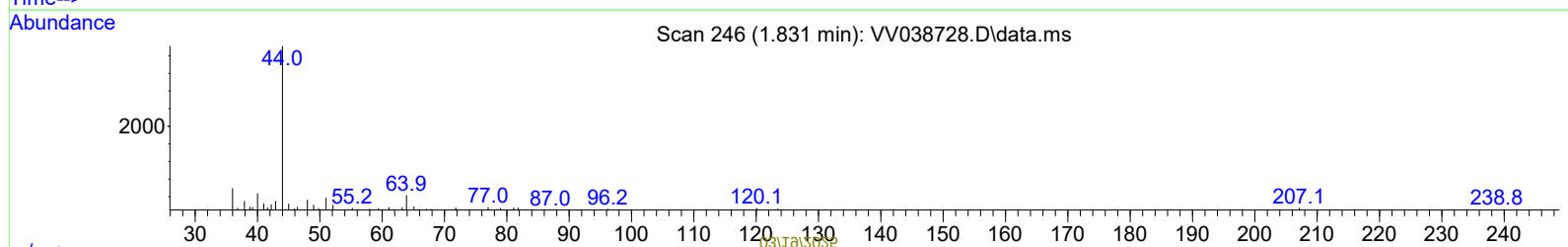
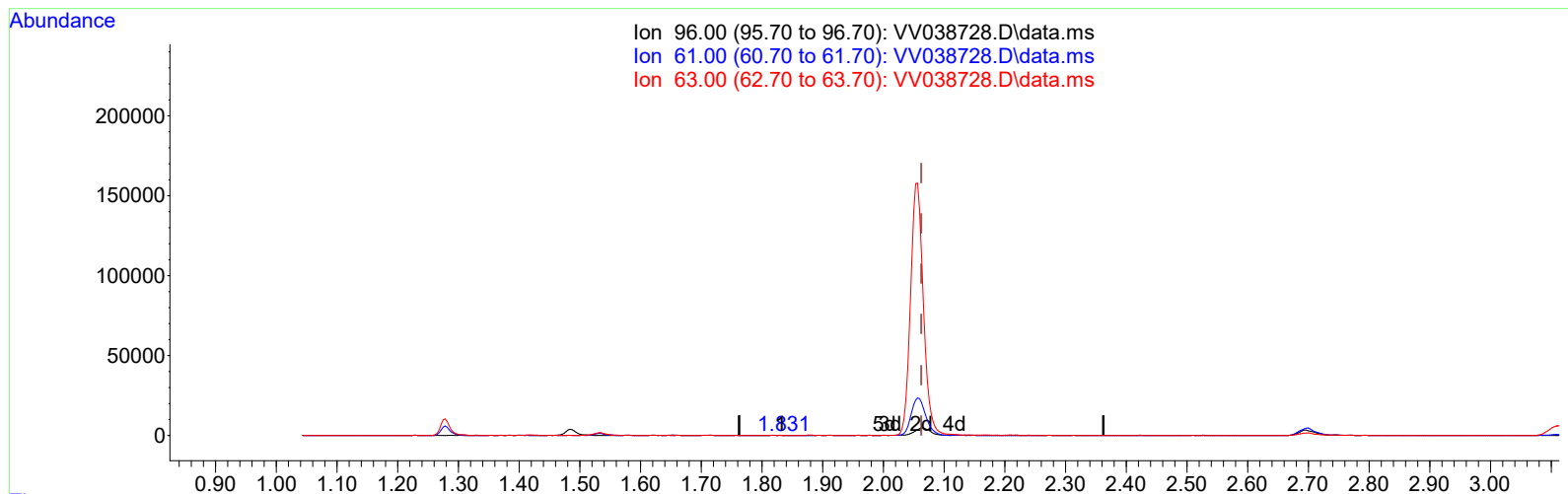


Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(12) 1,1-Dichloroethene (T)

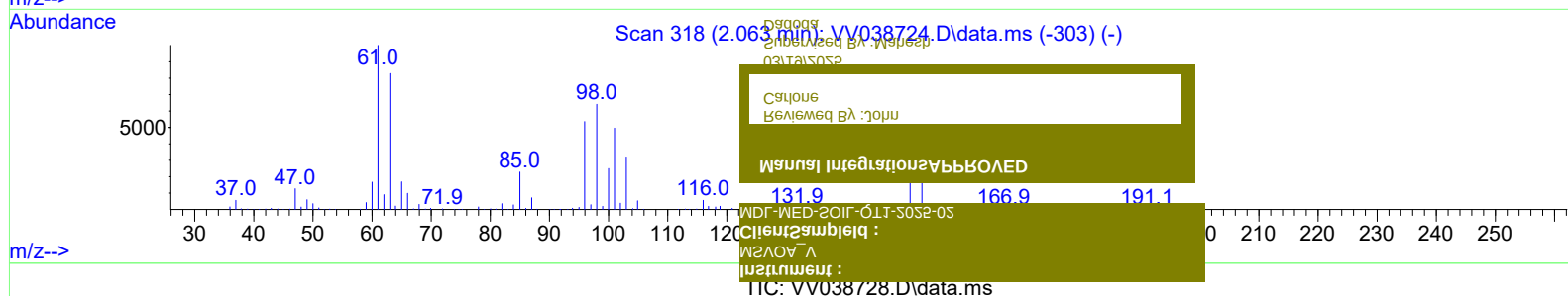
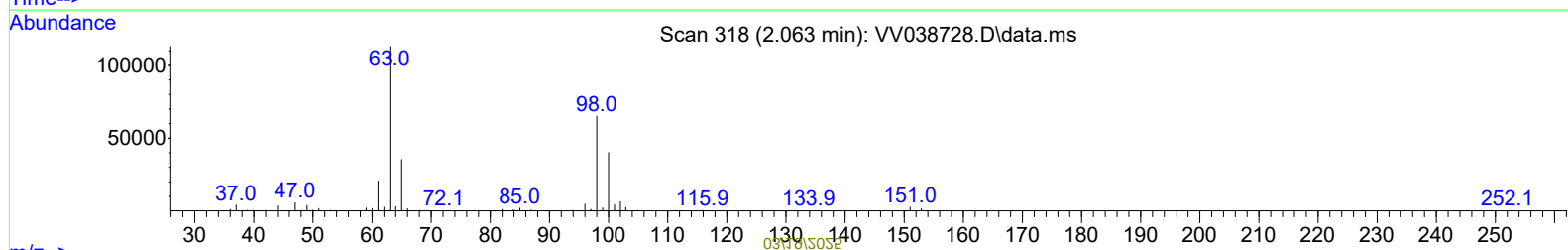
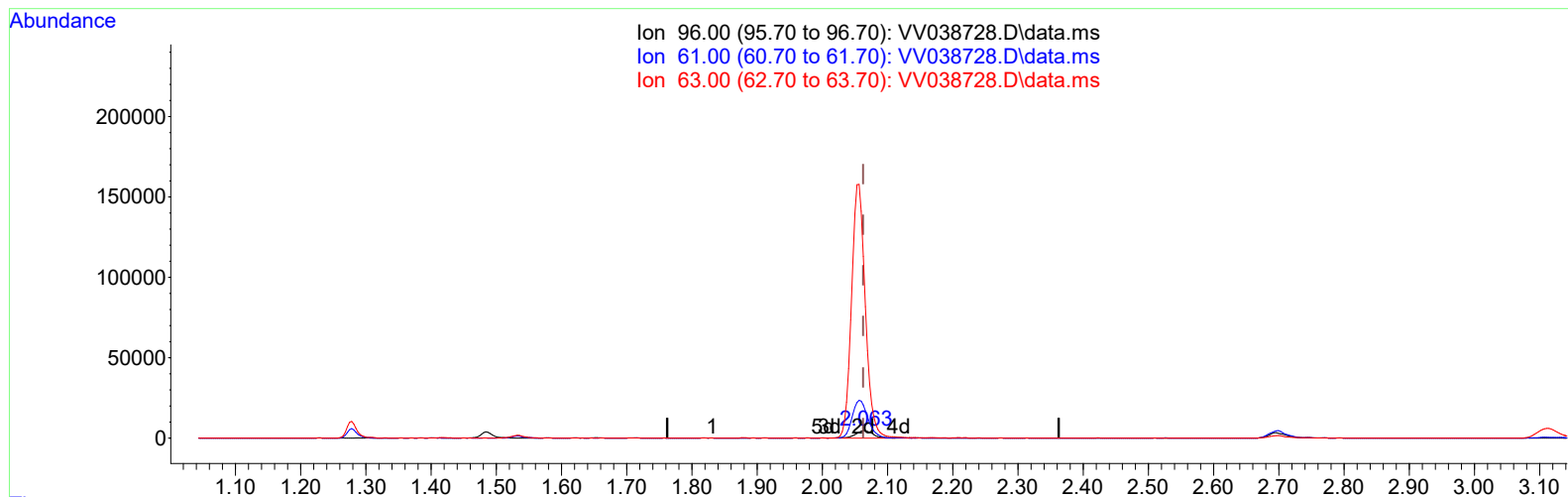
1.831min (-0.232) 0.02 ug/L

response 45

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	172.70	218.18
63.00	158.40	128.10
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(12) 1,1-Dichloroethene (T)

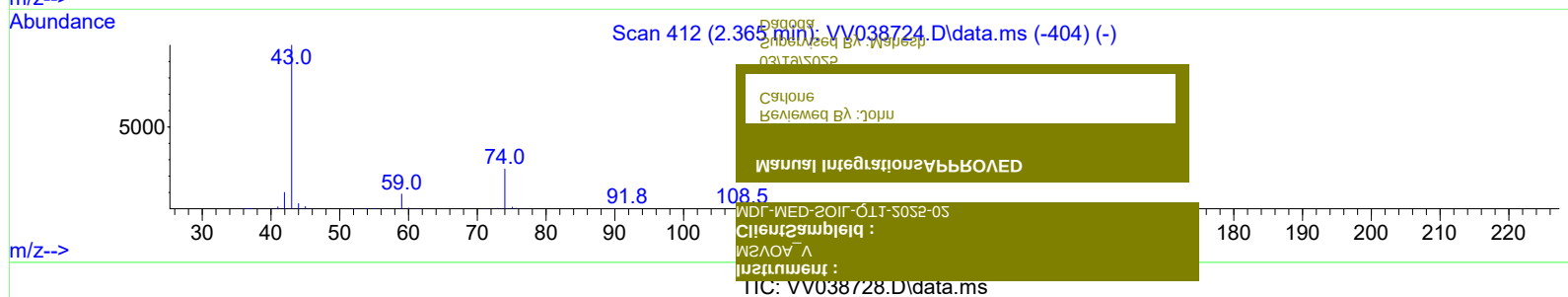
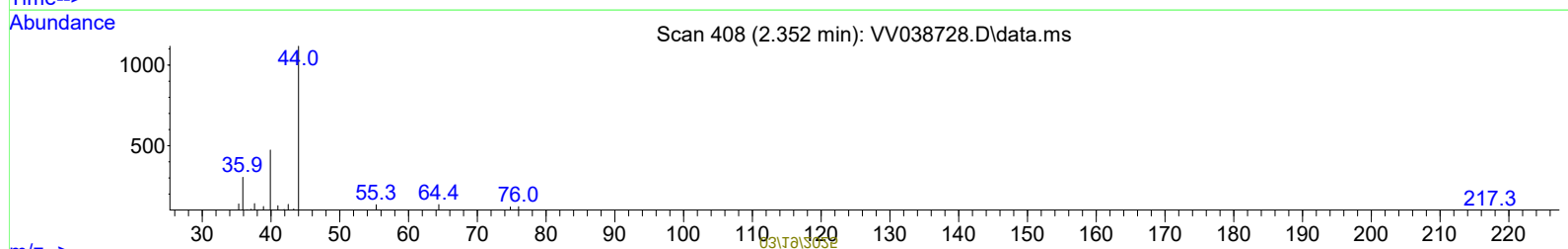
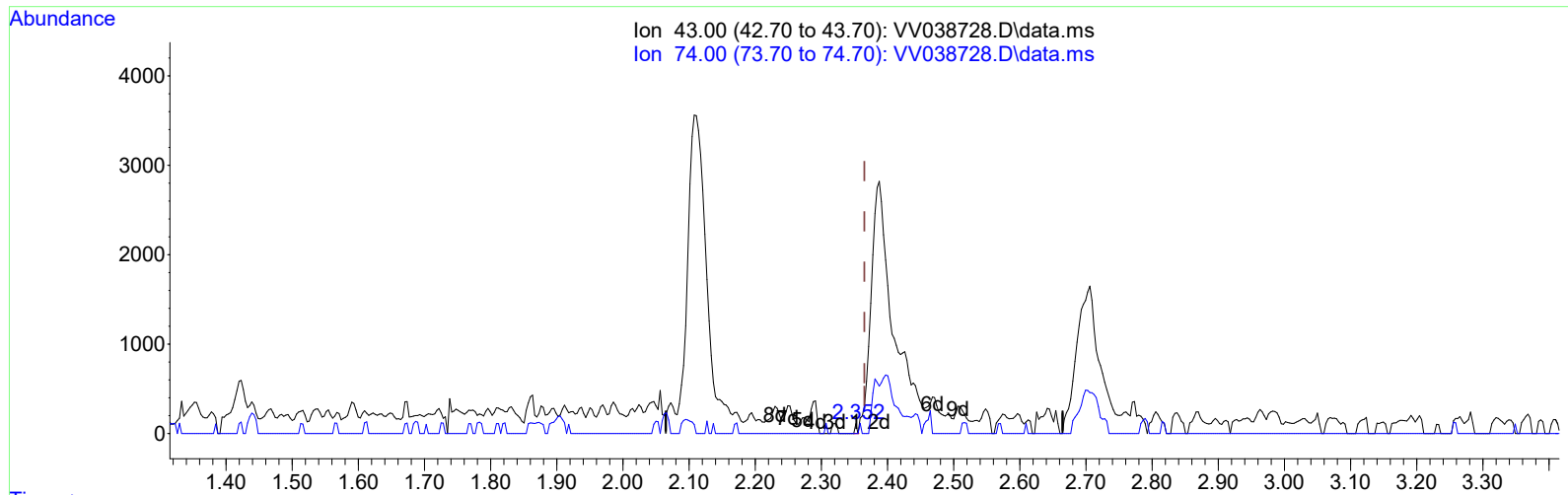
2.063min (-0.000) 3.29 ug/L m

response 8942

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	172.70	433.47#
63.00	158.40	2377.29#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(15) Methyl Acetate (T)

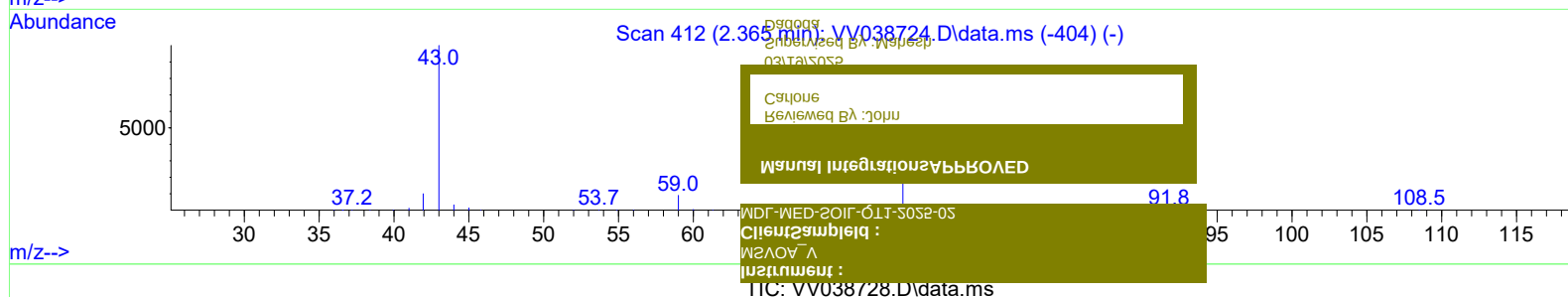
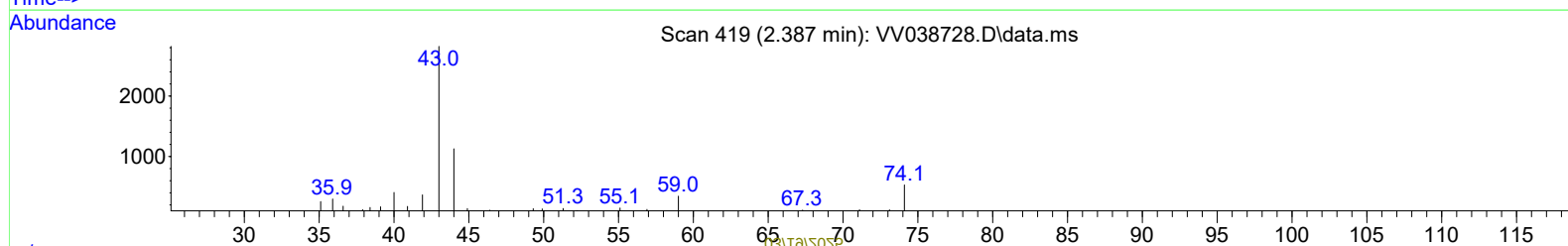
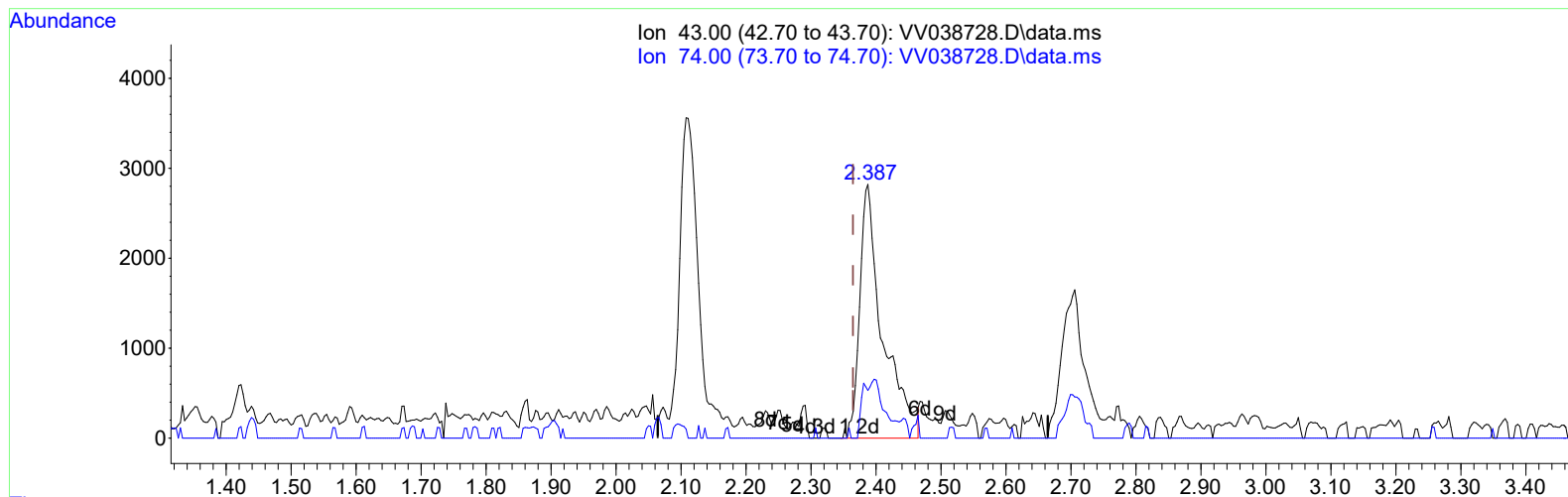
2.352min (-0.013) 0.01 ug/L

response 21

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	25.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(15) Methyl Acetate (T)

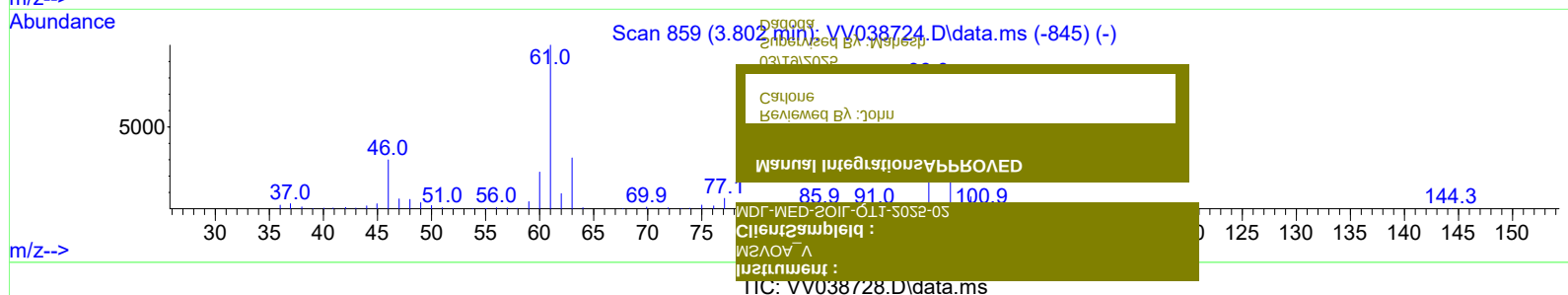
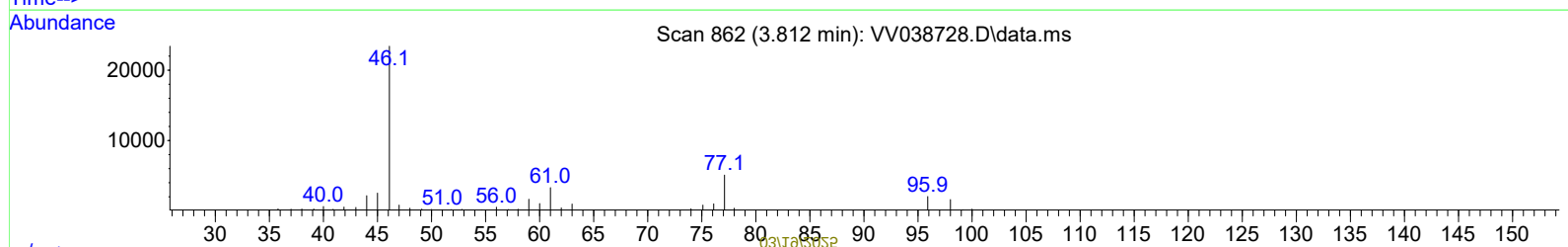
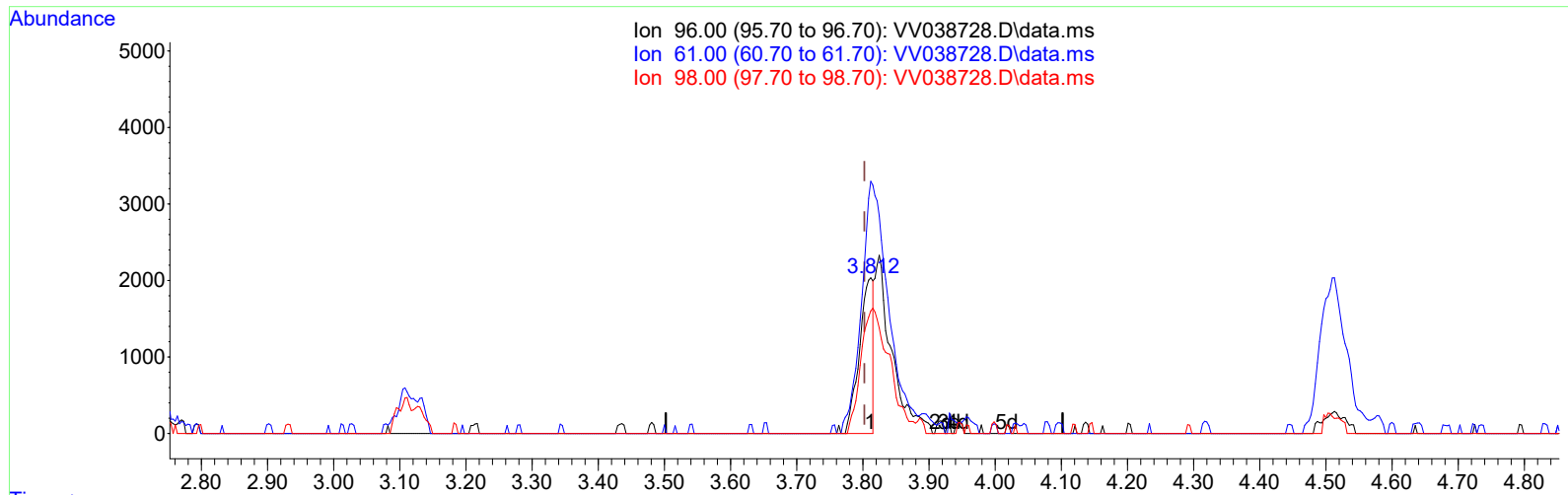
2.387min (+ 0.022) 2.68 ug/L m

response 6902

Ion	Exp%	Act%
43.00	100.00	100.00
74.00	25.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(20) cis-1,2-Dichloroethene (T)

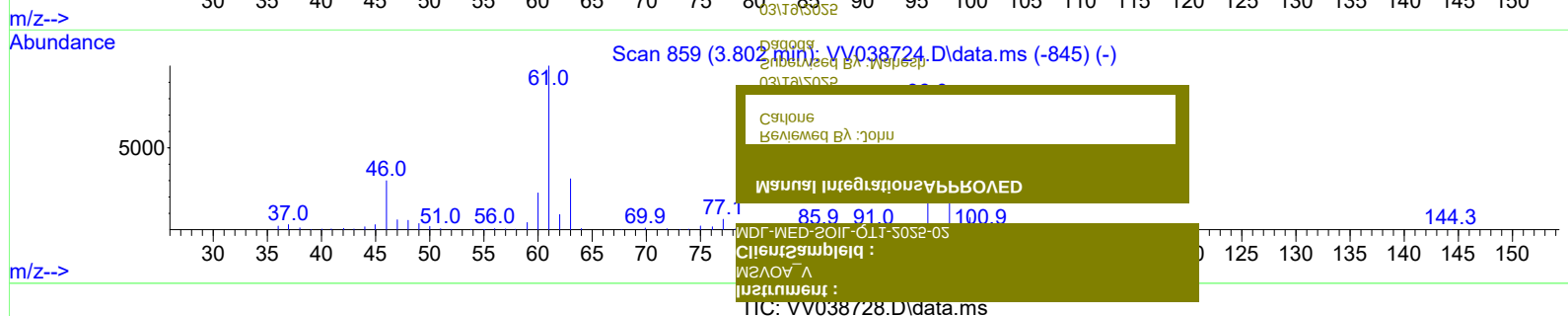
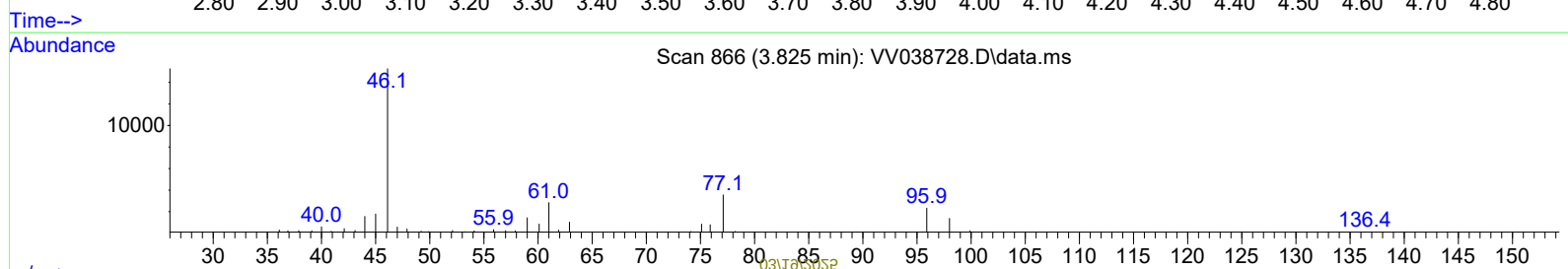
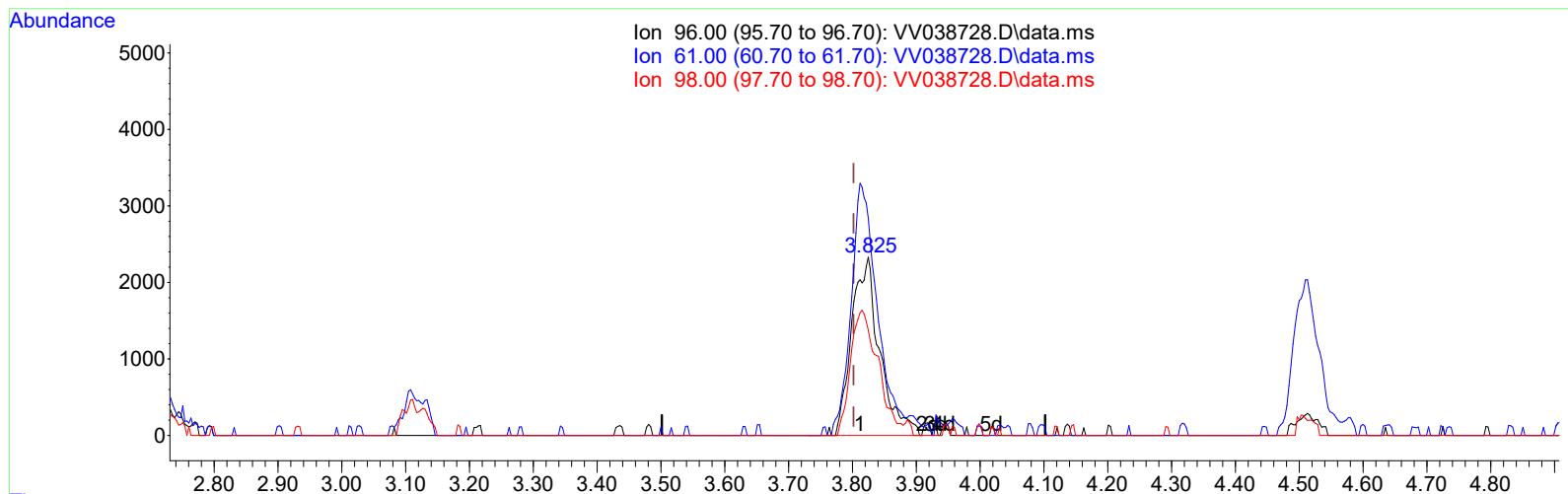
3.812min (+ 0.009) 0.94 ug/L

response 2948

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	119.30	162.01#
98.00	63.70	78.77
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(20) cis-1,2-Dichloroethene (T)

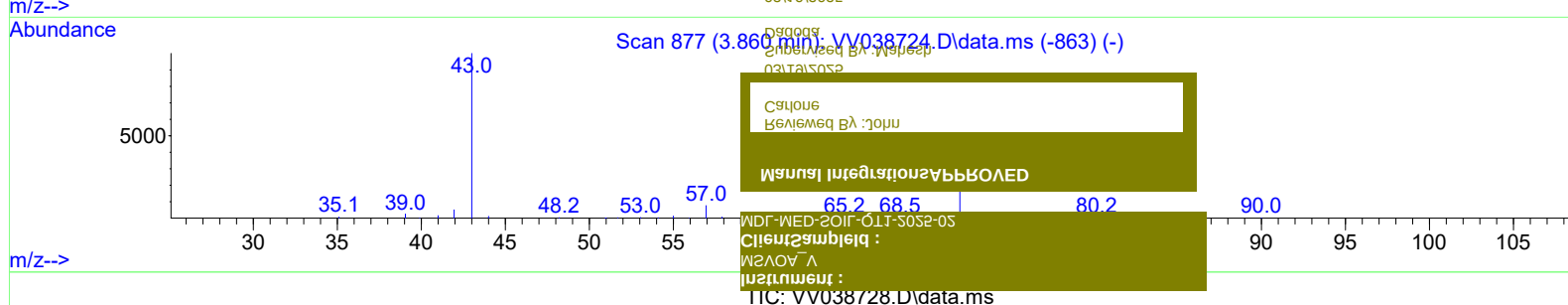
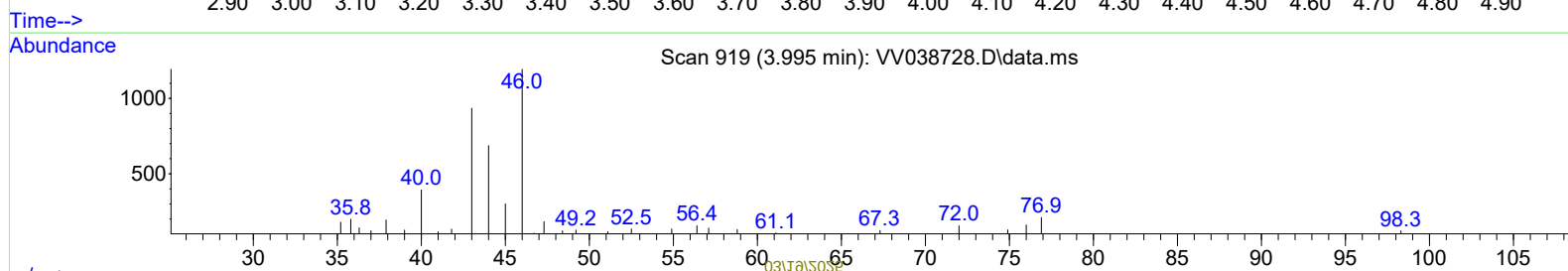
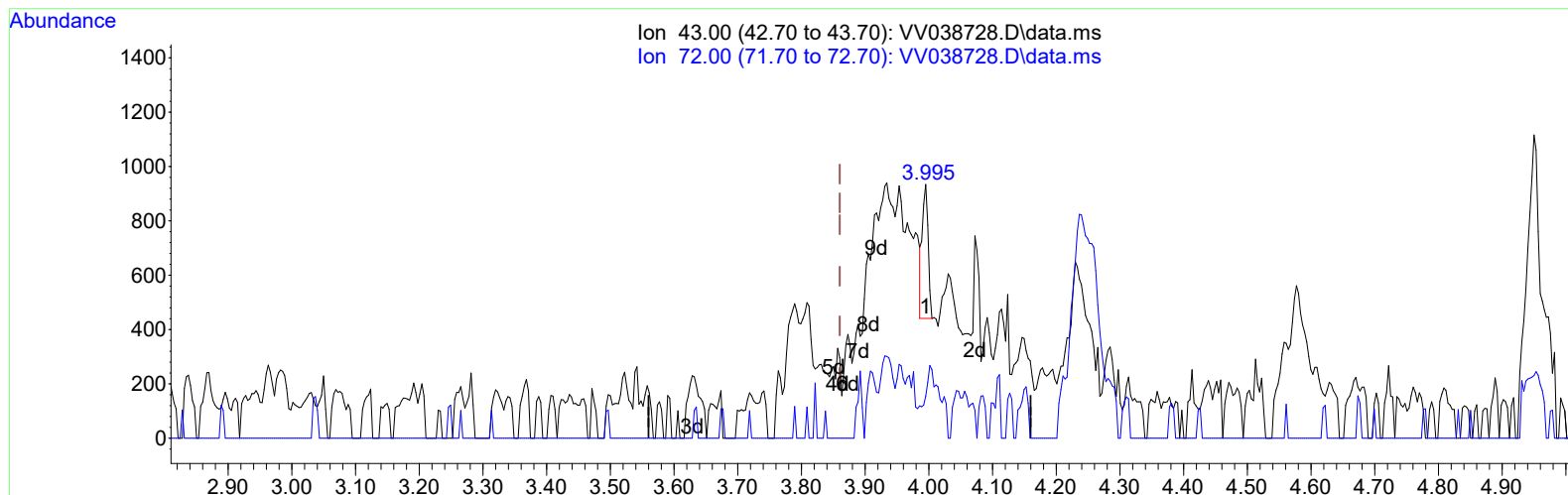
3.825min (+ 0.022) 2.28 ug/L m

response 7114

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	119.30	121.93
98.00	63.70	59.10
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(22) 2-Butanone (T)

3.995min (+ 0.135) 0.21 ug/L

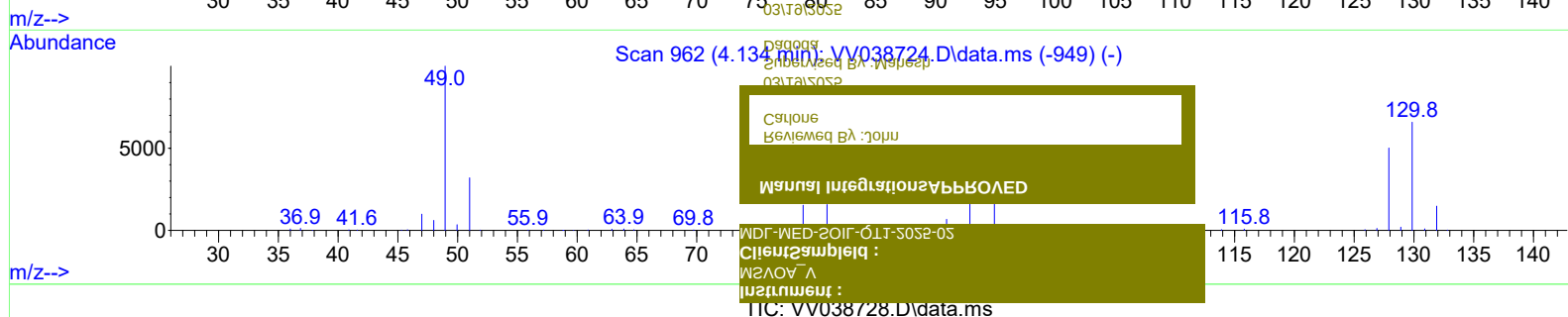
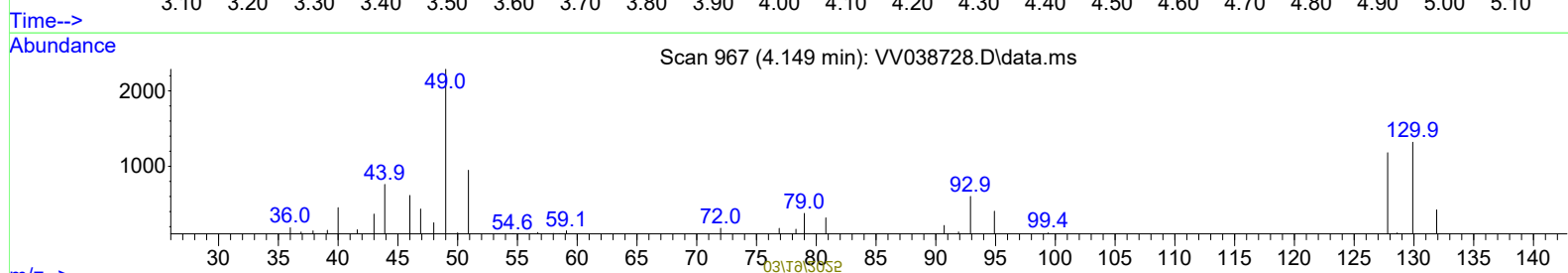
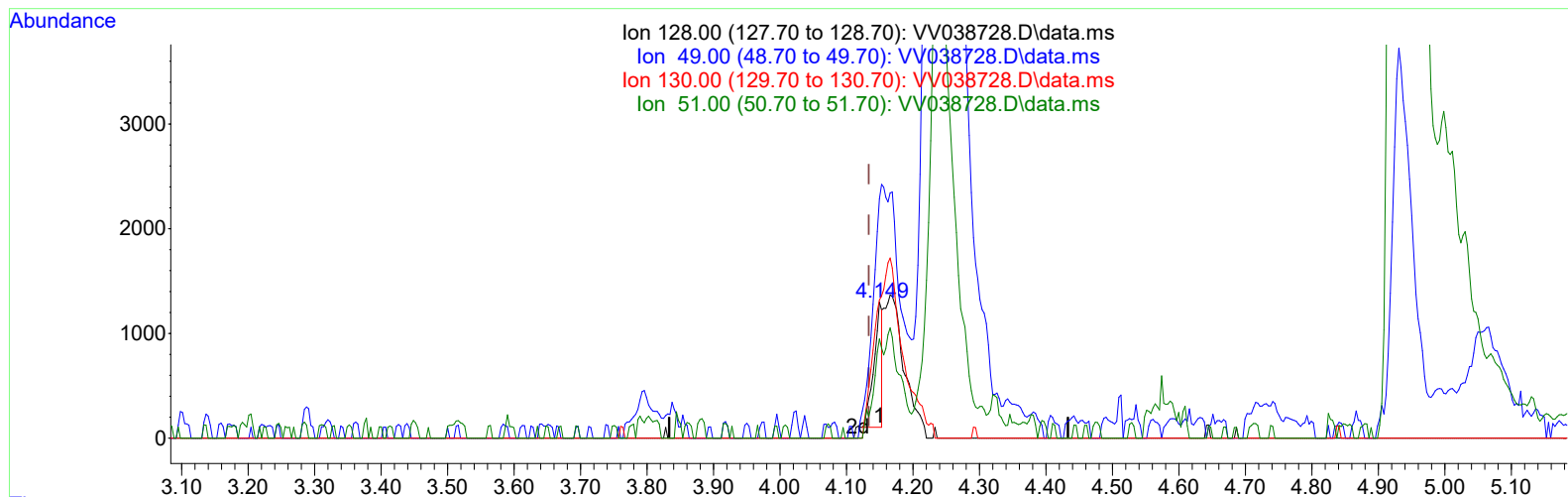
response

317

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	25.00	30.28
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(23) Bromochloromethane (T)

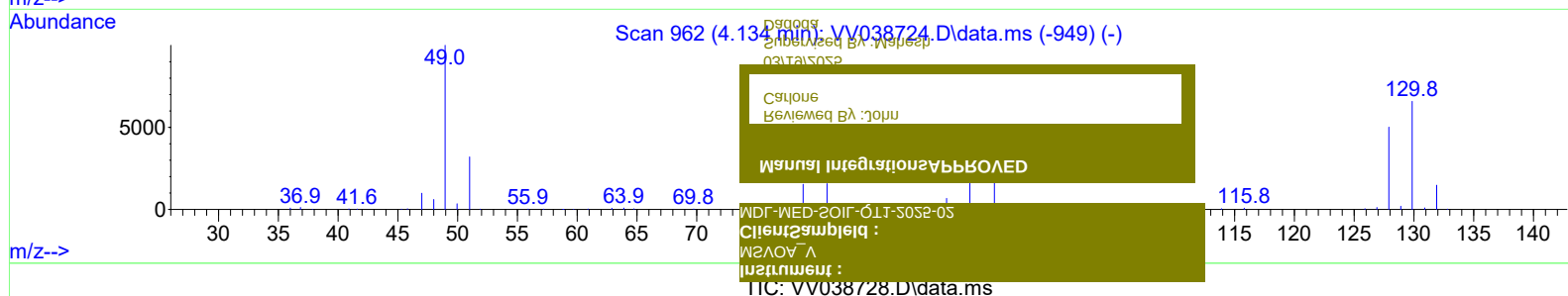
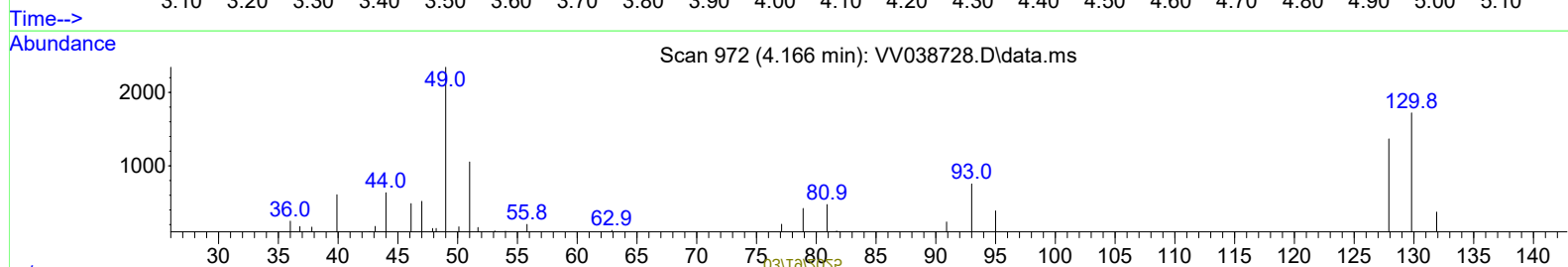
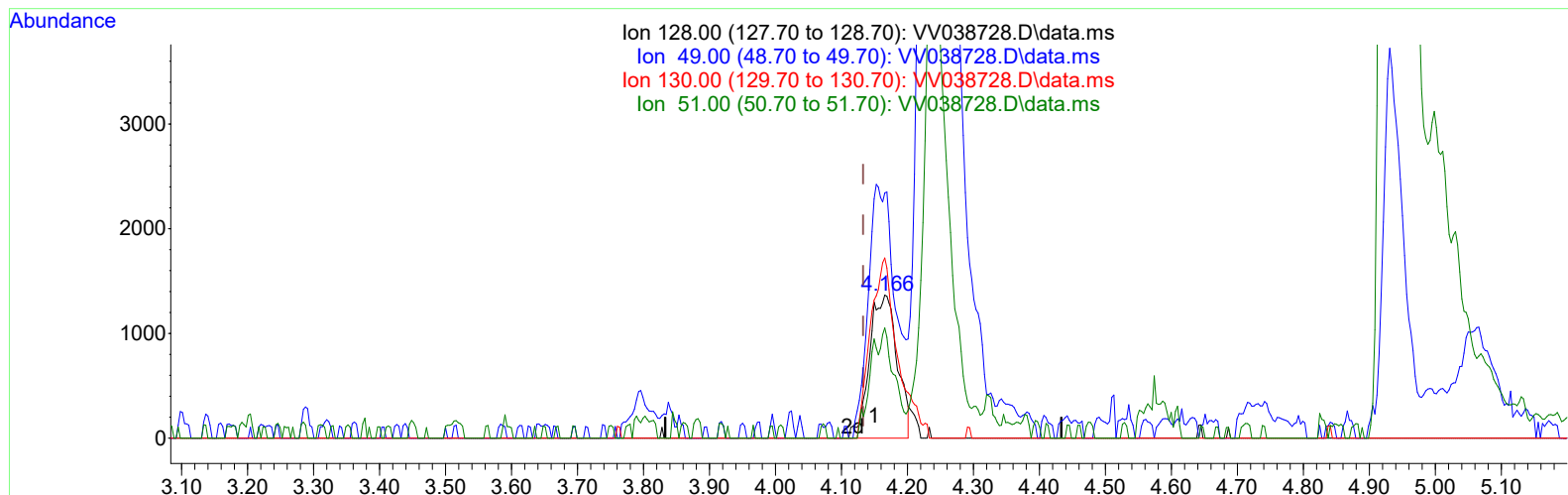
4.149min (+ 0.016) 0.61 ug/L

response 1016

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	152.50	175.98
130.00	133.20	101.54
51.00	50.30	72.98#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(23) Bromochloromethane (T)

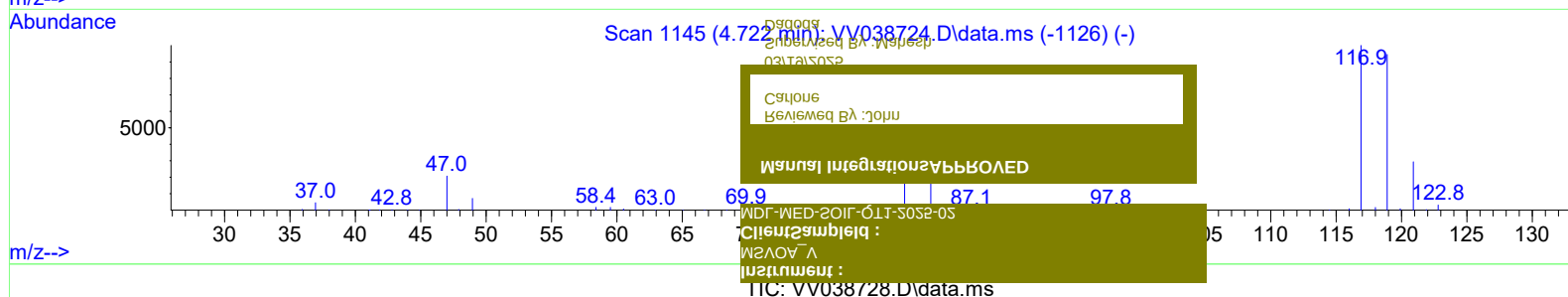
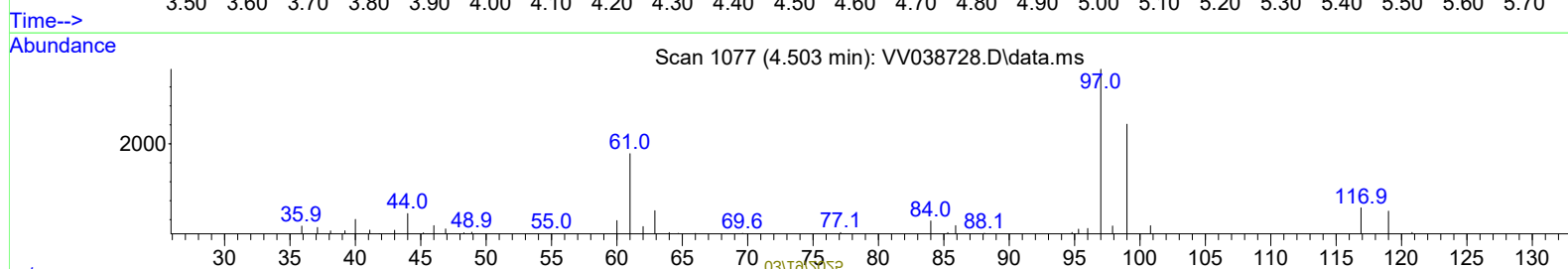
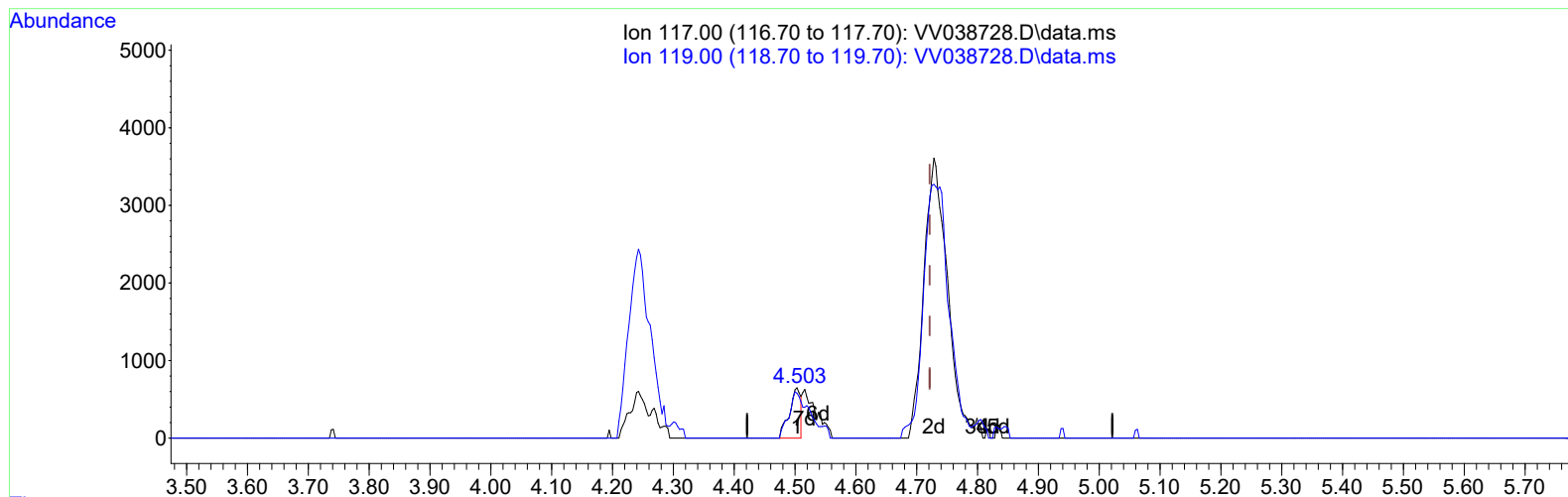
4.166min (+ 0.032) 2.37 ug/L m

response 3972

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	152.50	171.32
130.00	133.20	125.90
51.00	50.30	77.03#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(31) Carbon tetrachloride (T)

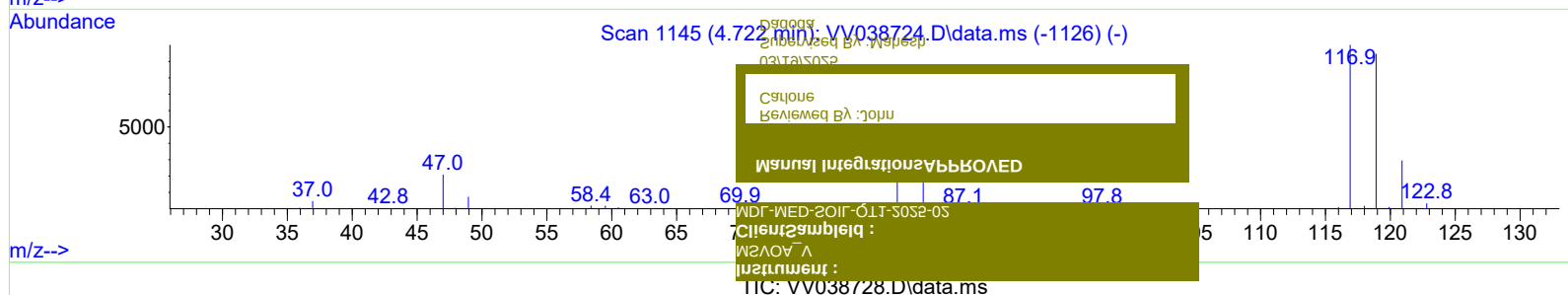
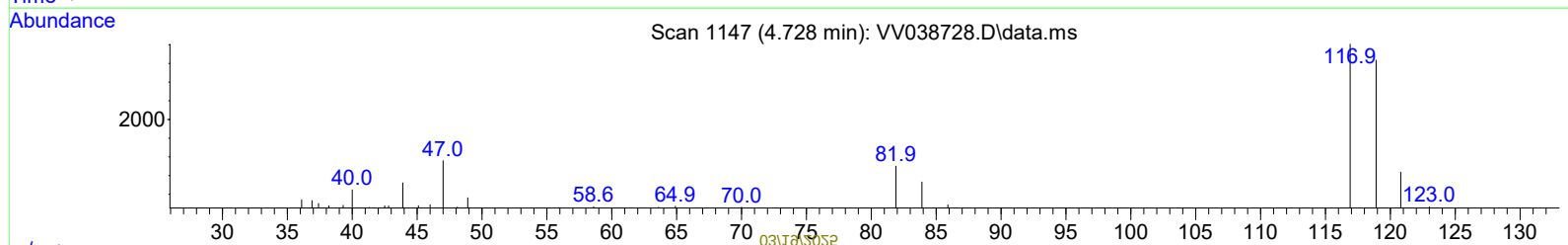
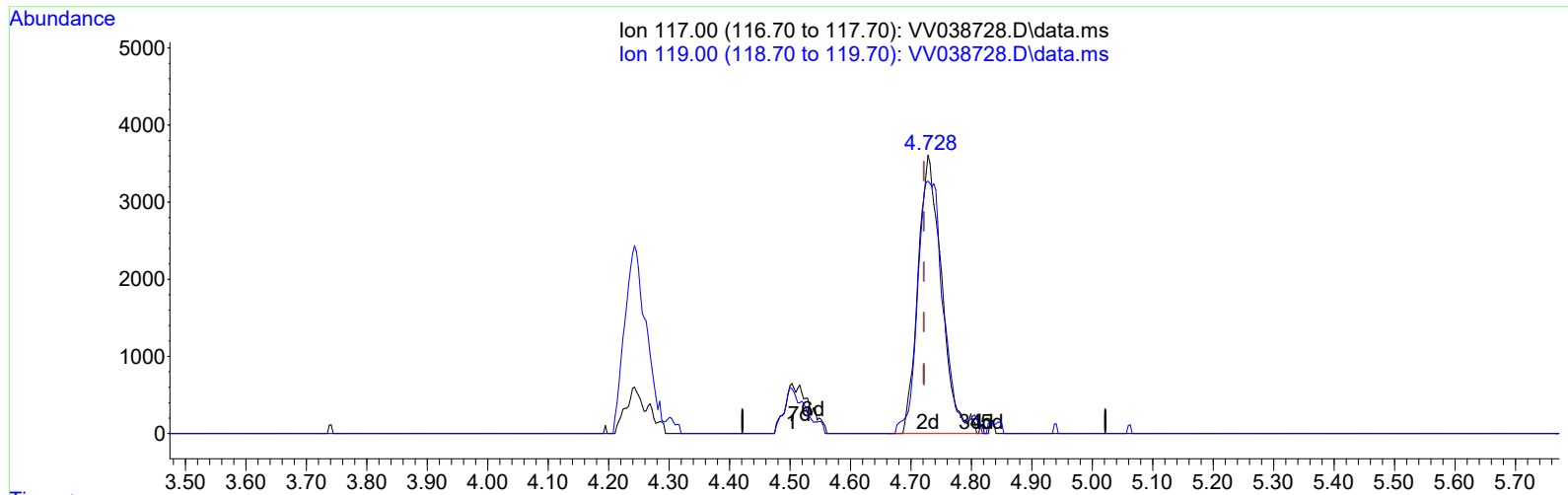
4.503min (-0.219) 0.19 ug/L

response 834

Ion	Exp%	Act%
117.00	100.00	100.00
119.00	97.10	103.12
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(31) Carbon tetrachloride (T)

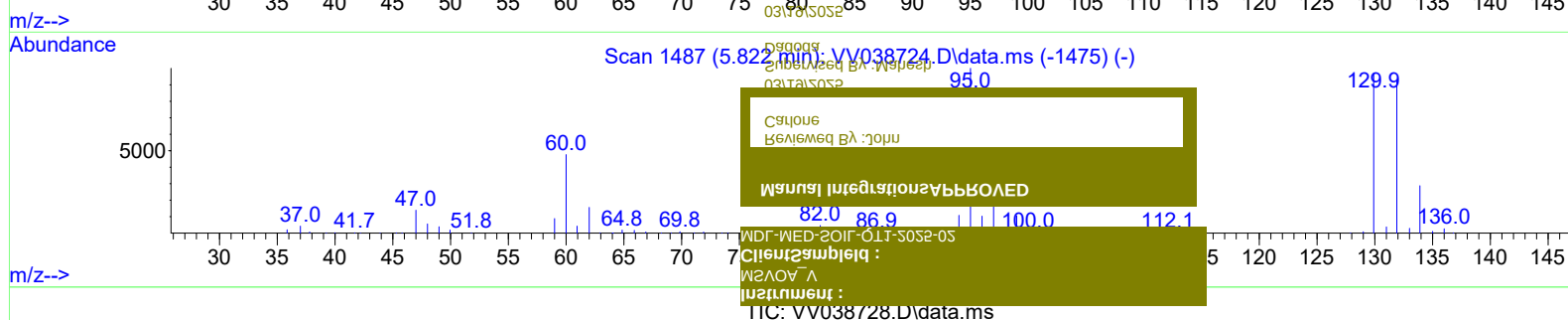
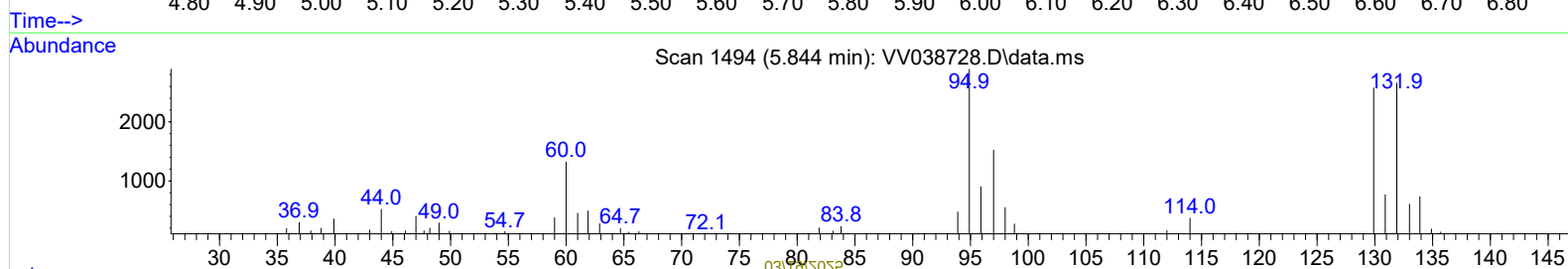
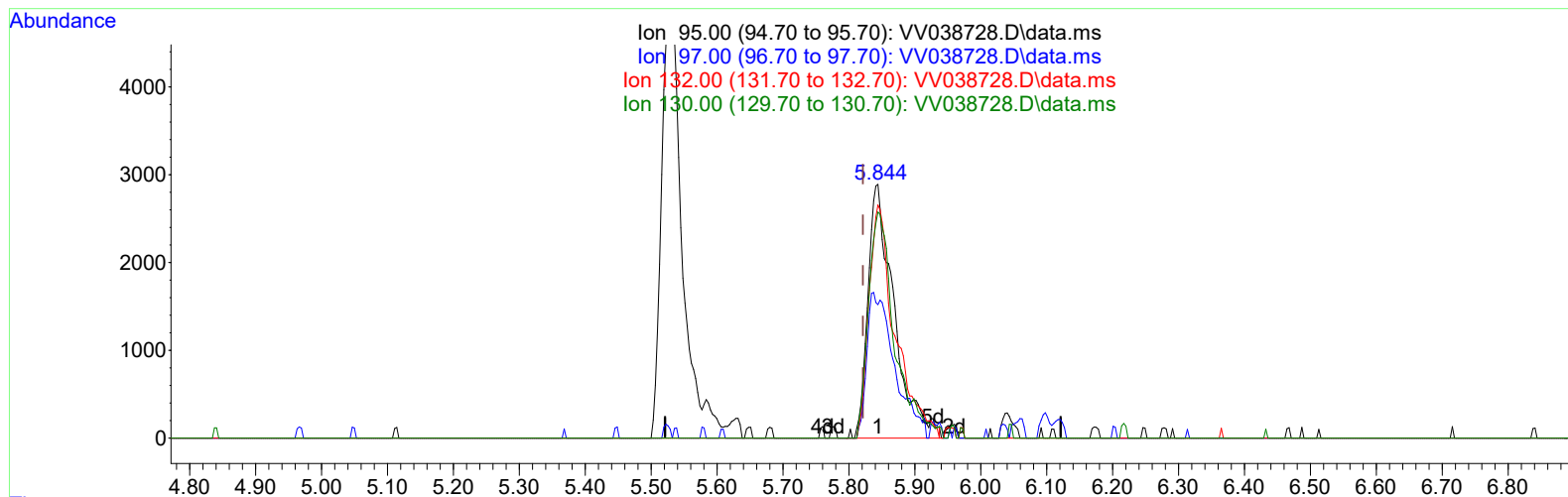
4.728min (+ 0.006) 2.28 ug/L m

response 9842

Ion	Exp%	Act%
117.00	100.00	100.00
119.00	97.10	8.74#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(34) Trichloroethene (T)

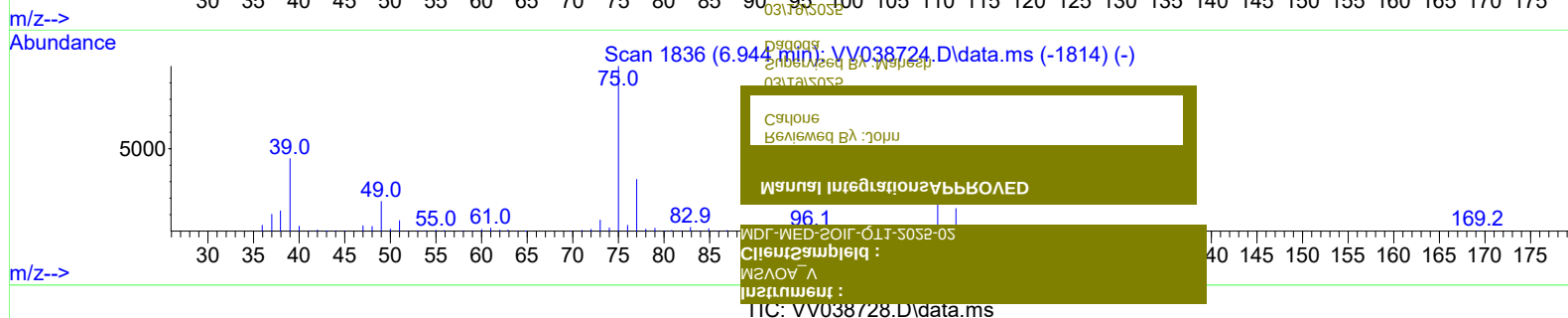
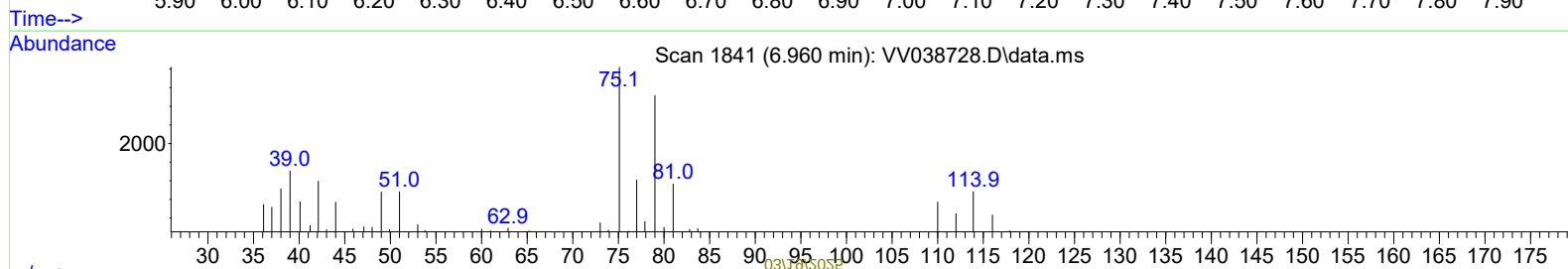
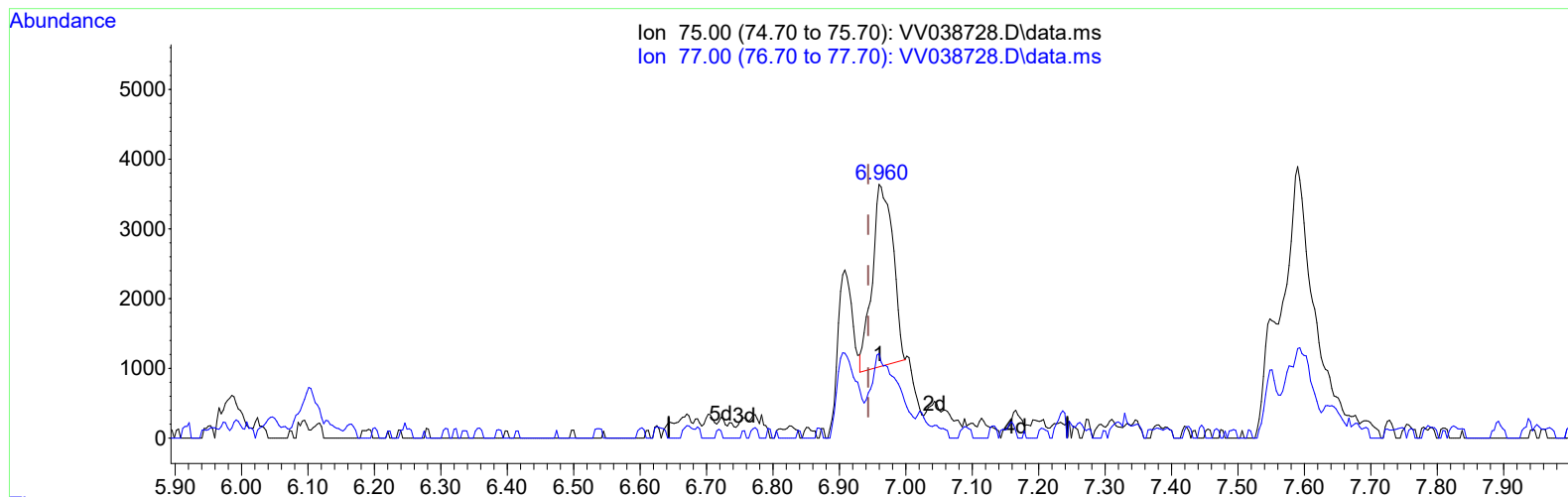
5.844min (+ 0.022) 2.49 ug/L m

response 7978

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	65.20	52.63
132.00	96.60	91.90
130.00	101.20	89.10

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(39) cis-1,3-Dichloropropene (T)

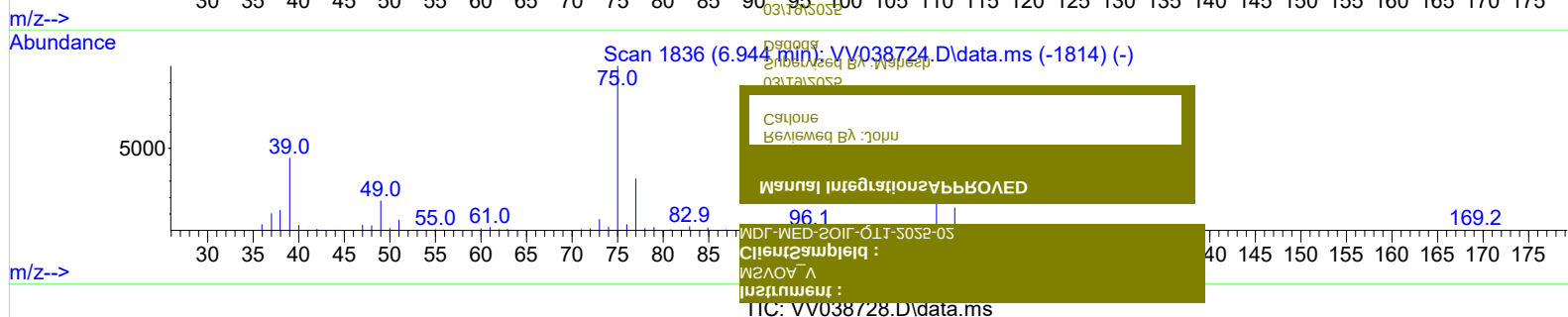
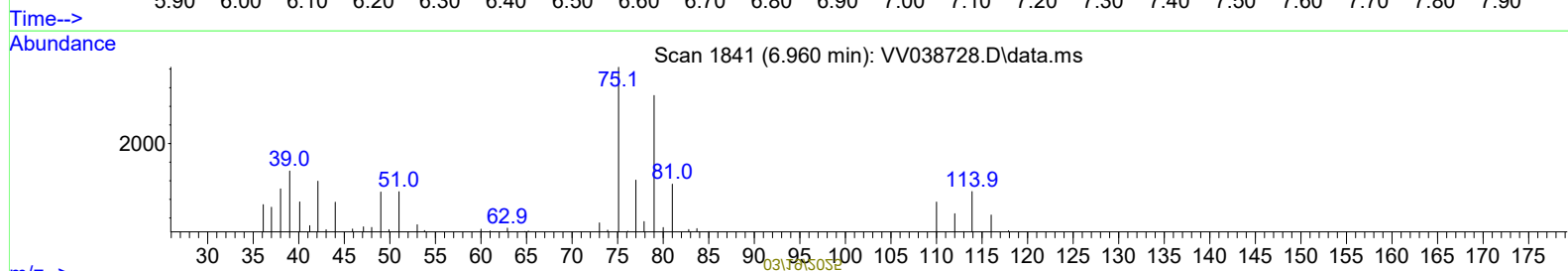
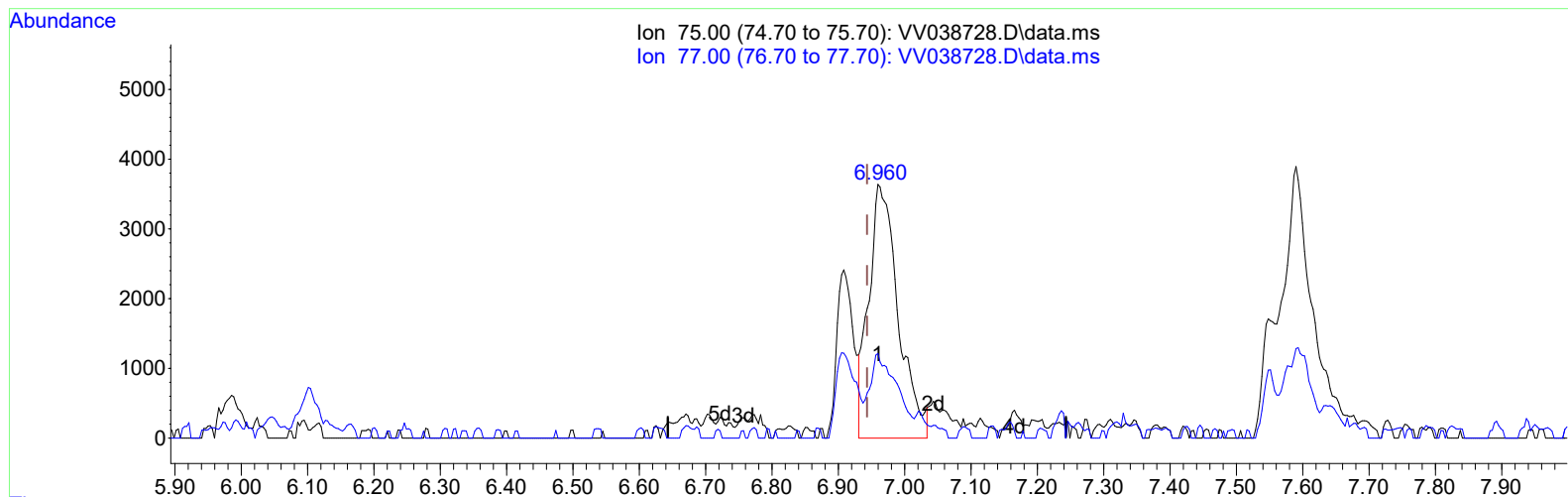
6.960min (+ 0.016) 1.14 ug/L

response 5635

Ion	Exp%	Act%
75.00	100.00	100.00
77.00	31.30	33.36
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(39) cis-1,3-Dichloropropene (T)

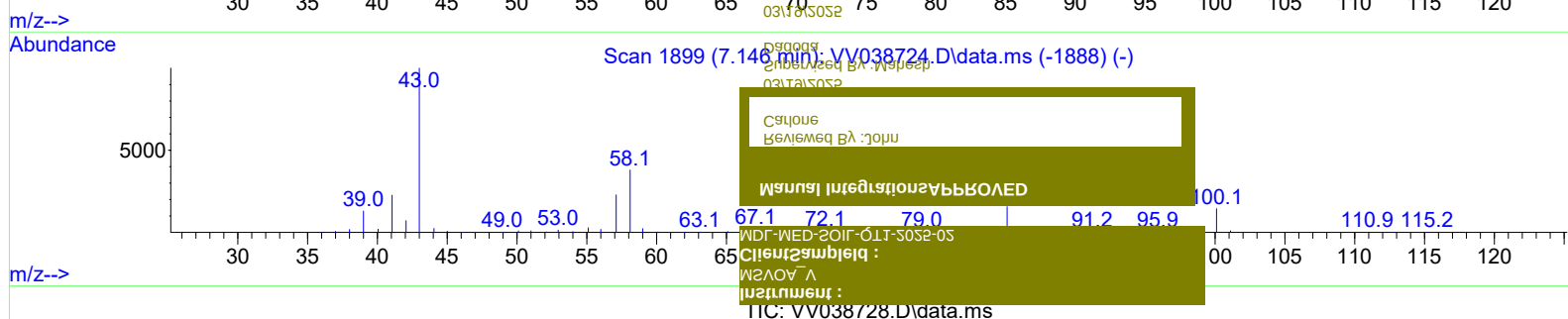
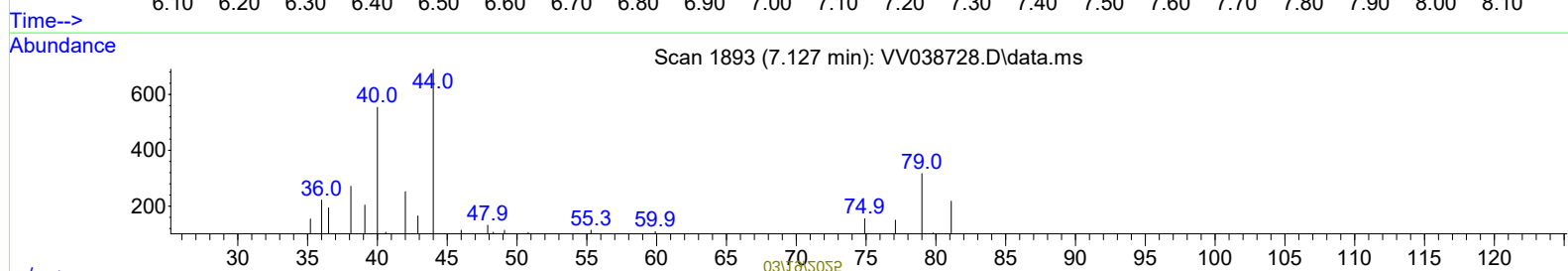
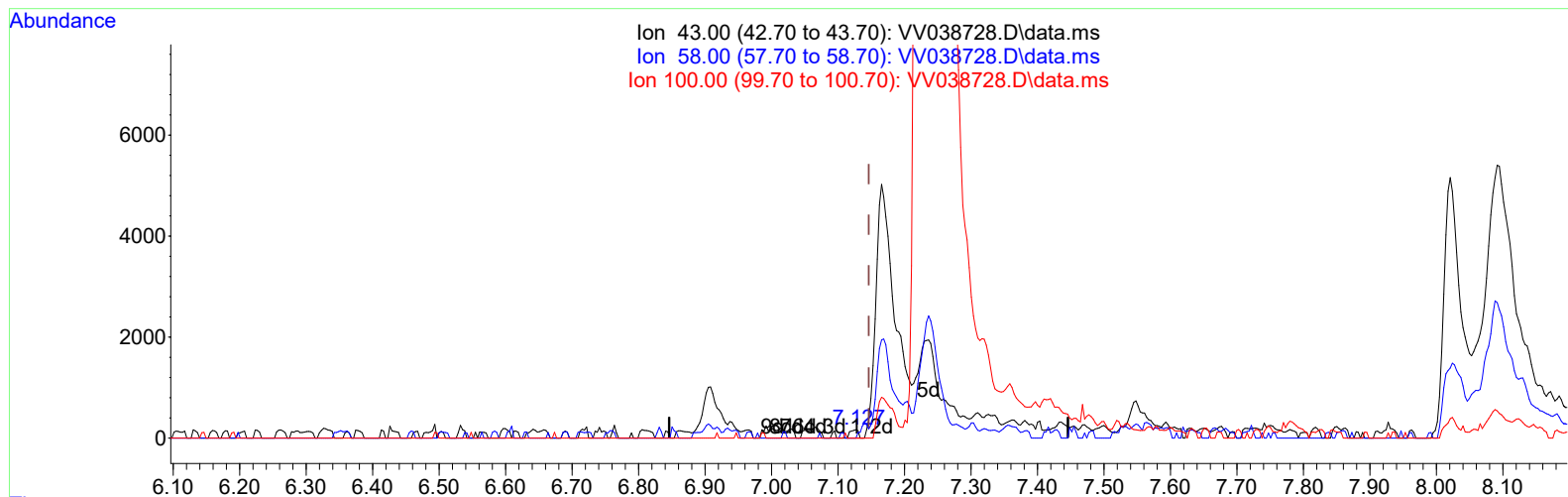
6.960min (+ 0.016) 2.26 ug/L m

response 11213

Ion	Exp%	Act%
75.00	100.00	100.00
77.00	31.30	33.36
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(40) 4-Methyl-2-pentanone (T)

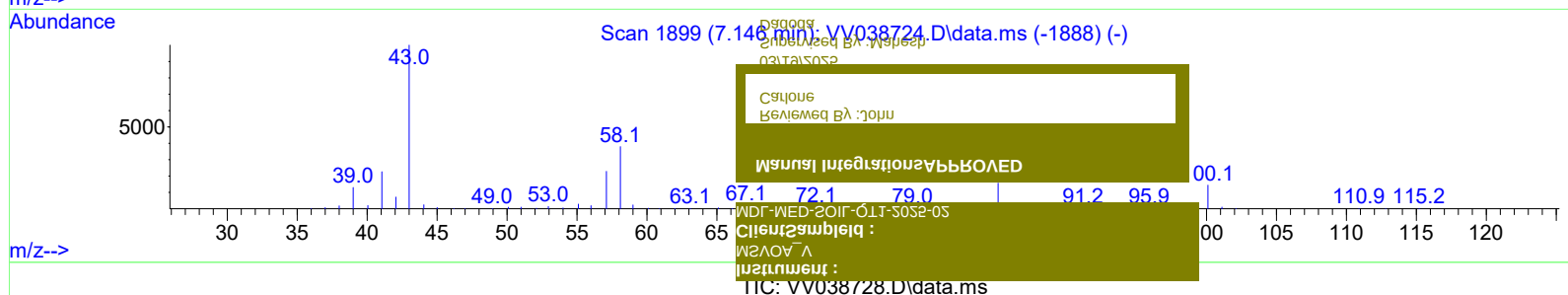
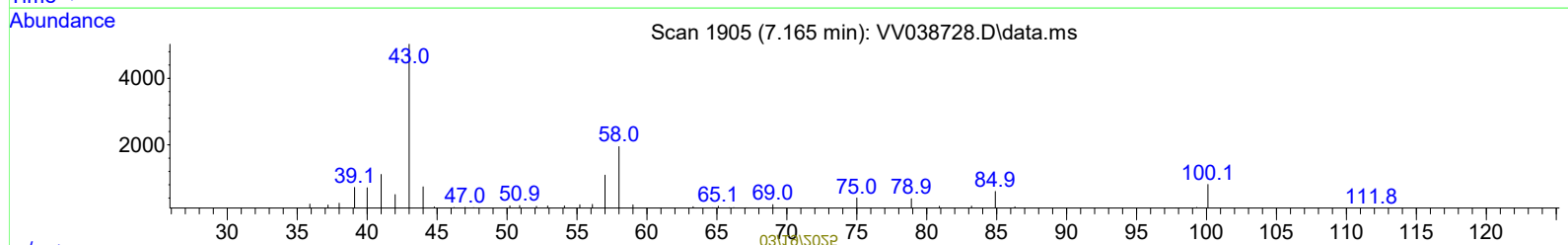
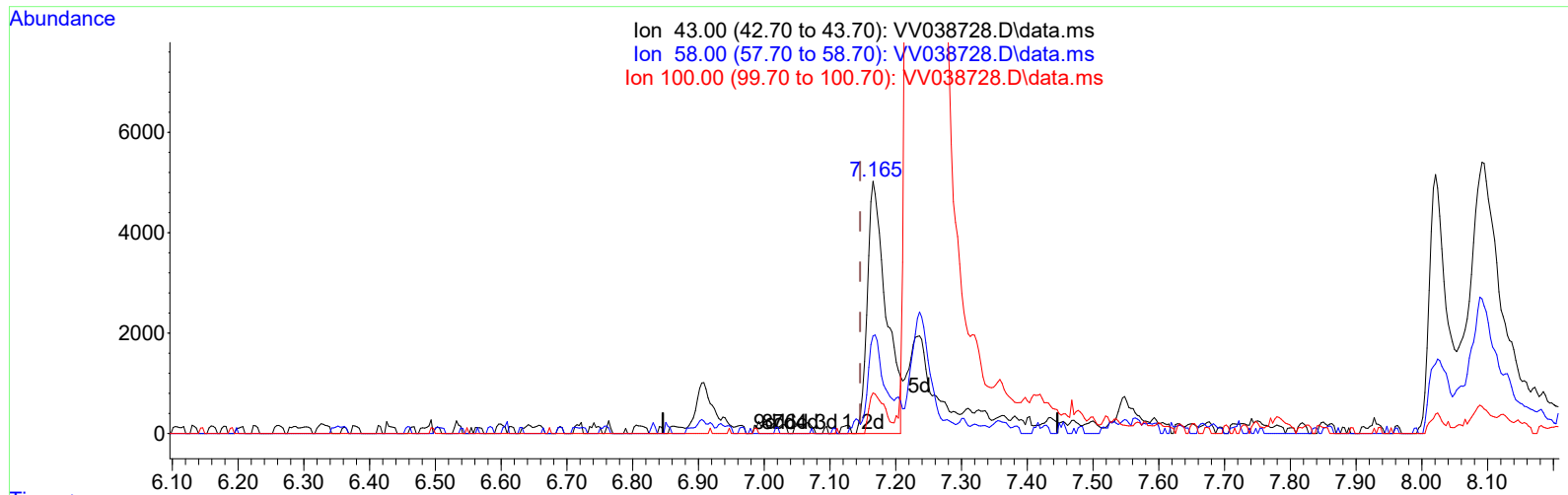
7.127min (-0.019) 0.05 ug/L

response 141

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	40.90	163.83#
100.00	17.10	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(40) 4-Methyl-2-pentanone (T)

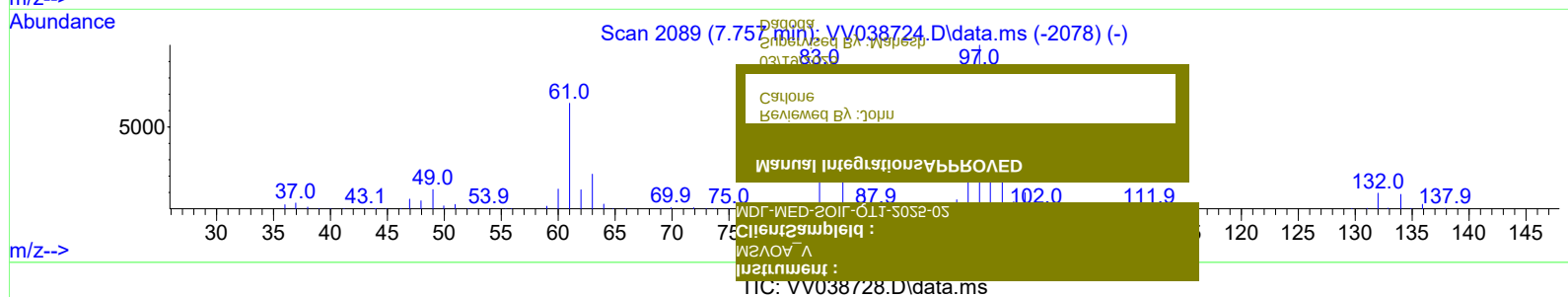
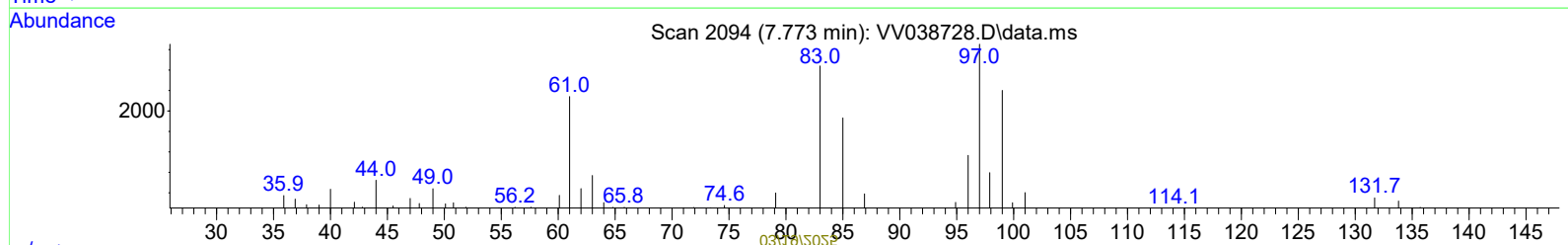
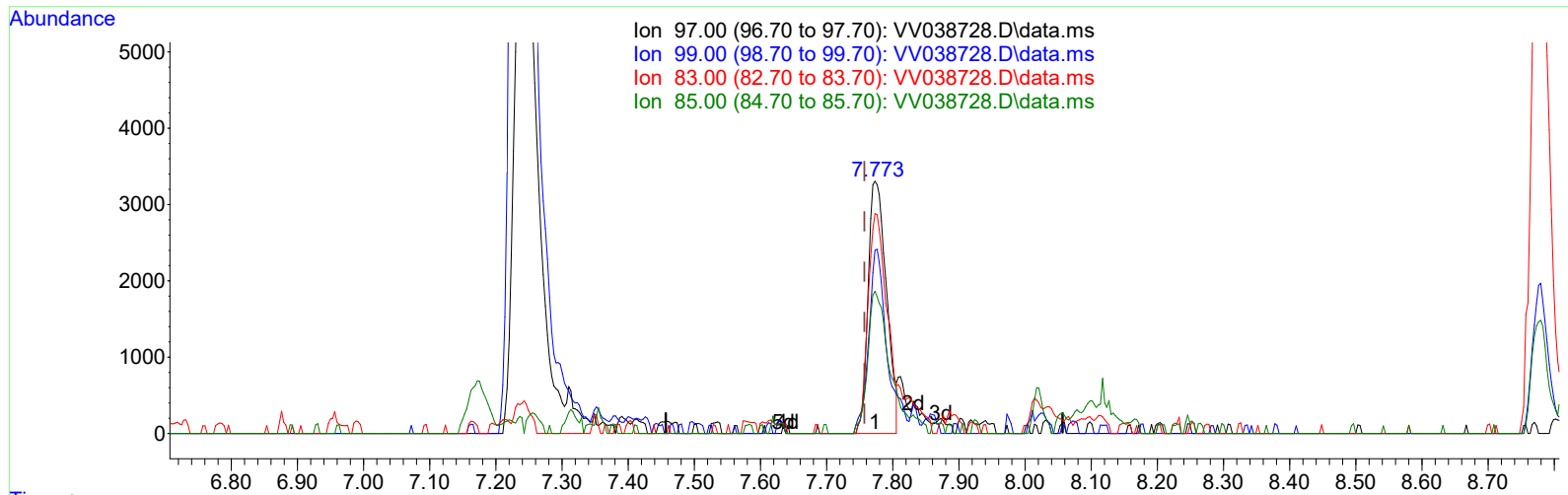
7.165min (+ 0.019) 3.29 ug/L m

response 10136

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	40.90	2.28#
100.00	17.10	0.00#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(45) 1,1,2-Trichloroethane (T)

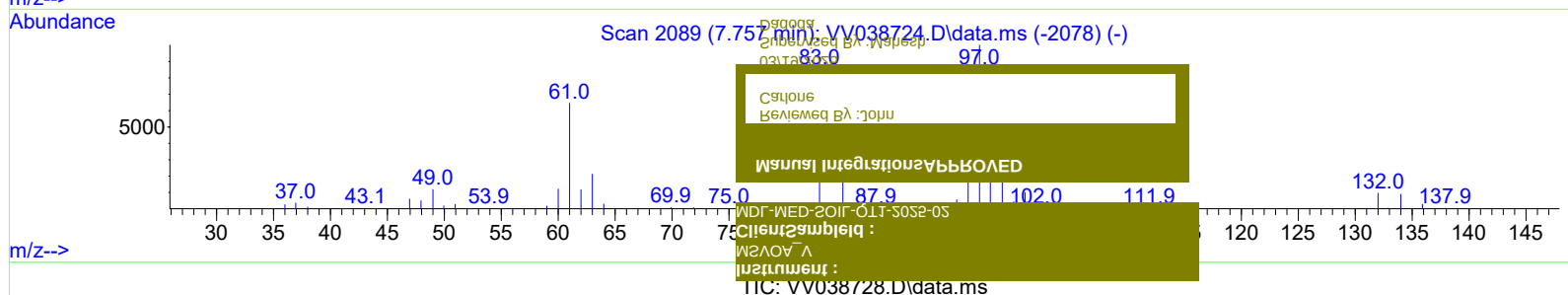
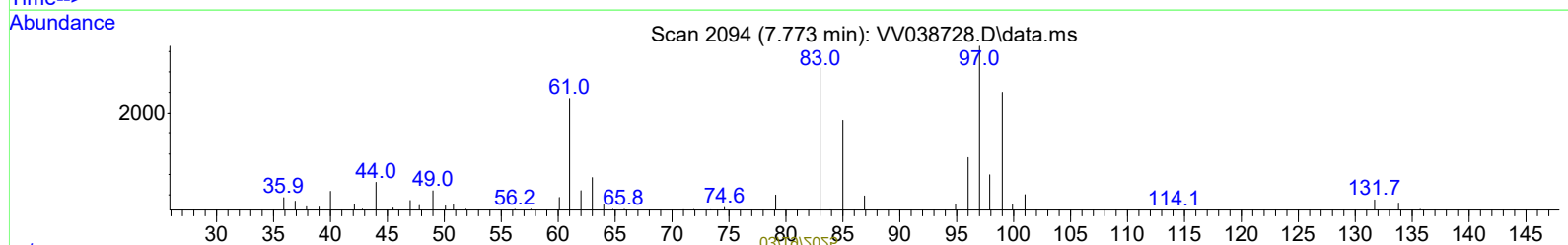
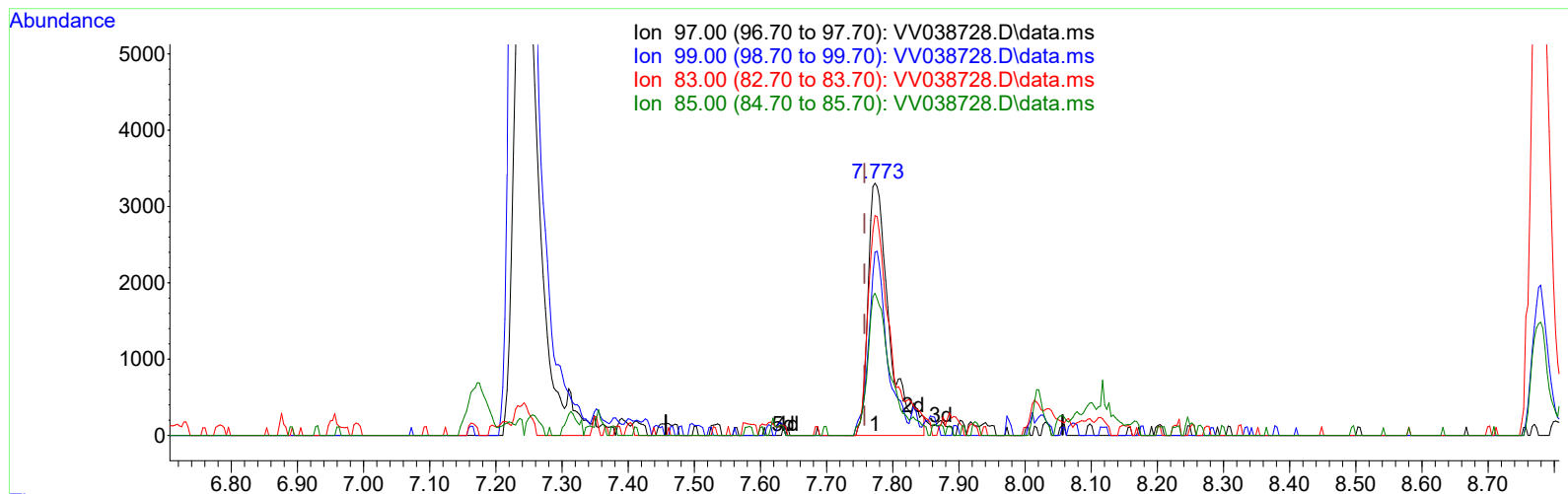
7.773min (+ 0.016) 1.94 ug/L

response 6353

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	62.30	72.68
83.00	86.50	87.17
85.00	54.30	56.40

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
Data File : VV038728.D
Acq On : 18 Mar 2025 10:48
Operator : SY/MD
Sample : Q1546-06
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 19 08:10:26 2025
Response via : Initial Calibration



(45) 1,1,2-Trichloroethane (T)

7.773min (+ 0.016) 2.27 ug/L m

response 7407

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	62.30	72.68
83.00	86.50	87.17
85.00	54.30	56.40

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\
 Data File : VV038728.D
 Acq On : 18 Mar 2025 10:48
 Operator : SY/MD
 Sample : Q1546-06
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 19 08:10:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	361635	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	391724	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	165953	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	161046	44.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.46%		
7) Chloroethane-d5	1.529	69	139100	45.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.16%		
11) 1,1-Dichloroethene-d2	2.056	65	72318	44.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.58%		
21) 2-Butanone-d5	3.786	46	119724	91.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.29%		
24) Chloroform-d	4.239	84	303872	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.34%		
26) 1,2-Dichloroethane-d4	4.934	65	188168	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.28%		
32) Benzene-d6	4.950	84	587257	47.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.70%		
36) 1,2-Dichloropropane-d6	5.982	67	197255	49.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.50%		
41) Toluene-d8	7.236	98	480226	44.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.14%		
43) trans-1,3-Dichloroprop...	7.548	79	73965	44.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.62%		
47) 2-Hexanone-d5	8.021	63	75731	91.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.80%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	229495			
Spiked Amount 50.000	Range 65 - 120		Recovery =			
66) 1,2-Dichlorobenzene-d4	11.551	152	169158			
Spiked Amount 50.000	Range 80 - 120		Recovery =			
Target Compounds						
2) Dichlorodifluoromethane	1.105	85	6604			
3) Chloromethane	1.214	50	9220	2.52	ug/L	95
5) Vinyl chloride	1.281	62	8977	2.37	ug/L #	53
6) Bromomethane	1.484	94	4946	2.49	ug/L	97
8) Chloroethane	1.548	64	5884	2.43	ug/L	96
9) Trichlorofluoromethane	1.712	101	11758	2.44	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	8579	2.97	ug/L #	87
12) 1,1-Dichloroethene	2.063	96	8942m	3.29	ug/L	
13) Acetone	2.108	43	6116	4.75	ug/L	97
14) Carbon disulfide	2.236	76	20319	2.41	ug/L	99
15) Methyl Acetate	2.387	43	6902m	2.68	ug/L	
17) trans-1,2-Dichloroethene	2.693	96	6400	2.24	ug/L	88
18) Methyl tert-butyl Ether	2.703	73	15851	1.97	ug/L #	87
19) 1,1-Dichloroethane	3.111	63	14483	2.41	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	7114m	2.28	ug/L	
22) 2-Butanone	3.934	43	9411m	6.21	ug/L	
23) Bromochloromethane	4.166	128	3972m	2.37	ug/L	
27) 1,2-Dichloroethane	5.063	62	8768	2.03	ug/L	98
29) Cyclohexane	4.580	56	9552	1.98	ug/L #	85

03/19/2025

SY/MD

Q1546-06

03/19/2025

Initial Calibration

SFAMVLM031724WMA.M

Wed Mar 19 08:10:26 2025

VOC Analysis

18 Mar 2025 10:48

Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031825\

VV038728.D

5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH

6 Sample Multiplier: 1

Quant Time: Mar 19 08:13:56 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M

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Internal Standards

1) 1,4-Difluorobenzene

5.529 114 361635

50.00 ug/L 0.00

28) Chlorobenzene-d5

8.776 117 391724

50.00 ug/L 0.00

58) 1,4-Dichlorobenzene-d4

11.178 152 165953

50.00 ug/L 0.00

System Monitoring Compounds

4) Vinyl Chloride-d3

1.278 65 161046

44.23 ug/L 0.00

Spiked Amount 50.000

Range 60 - 135

Recovery = 88.46%

7) Chloroethane-d5

1.529 69 139100

45.58 ug/L 0.00

Spiked Amount 50.000

Range 70 - 130

Recovery = 91.16%

11) 1,1-Dichloroethene-d2

2.056 65 72318

44.29 ug/L 0.00

Spiked Amount 50.000

Range 60 - 125

Recovery = 88.58%

21) 2-Butanone-d5

3.786 46 119724

91.29 ug/L 0.00

Spiked Amount 100.000

Range 40 - 130

Recovery = 91.29%

24) Chloroform-d

4.239 84 303872

46.17 ug/L 0.00

Spiked Amount 50.000

Range 70 - 125

Recovery = 92.34%

26) 1,2-Dichloroethane-d4

4.934 65 188168

49.14 ug/L 0.00

Spiked Amount 50.000

Range 70 - 125

Recovery = 98.28%

32) Benzene-d6

4.950 84 587257

47.35 ug/L 0.00

Spiked Amount 50.000

Range 70 - 125

Recovery = 94.70%

36) 1,2-Dichloropropane-d6

5.982 67 197255

49.25 ug/L 0.00

Spiked Amount 50.000

Range 70 - 120

Recovery = 98.50%

41) Toluene-d8

7.236 98 480226

44.57 ug/L 0.00

Spiked Amount 50.000

Range 80 - 120

Recovery = 89.14%

43) trans-1,3-Dichloroprop...

7.548 79 73965

44.81 ug/L 0.00

Spiked Amount 50.000

Range 60 - 125

Recovery = 89.62%

47) 2-Hexanone-d5

8.021 63 75731

91.40 ug/L 0.00

Spiked Amount 100.000

Range 45 - 130

Recovery = 106.80%

56) 1,1,2,2-Tetrachloroeth...

10.143 84 229495

Spiked Amount 50.000

Range 65 - 120

Recovery =

66) 1,2-Dichlorobenzene-d4

11.551 152 169158

Spiked Amount 50.000

Range 80 - 120

Recovery =

Target Compounds

2) Dichlorodifluoromethane

1.105 85 6604

3) Chloromethane

1.214 50 9220

2.52 ug/L 95

5) Vinyl chloride

1.281 62 8977

2.37 ug/L # 53

6) Bromomethane

1.484 94 4946

2.49 ug/L 97

8) Chloroethane

1.548 64 5884

2.43 ug/L 96

9) Trichlorofluoromethane

1.712 101 11758

2.44 ug/L 100

10) 1,1,2-Trichloro-1,2,2-...

2.069 101 8579

2.97 ug/L # 87

12) 1,1-Dichloroethene

2.063 96 8942m

3.29 ug/L

13) Acetone

2.108 43 6116

4.75 ug/L 97

14) Carbon disulfide

2.236 76 20319

2.41 ug/L 99

15) Methyl Acetate

2.387 43 6902m

2.68 ug/L

17) trans-1,2-Dichloroethene

2.693 96 6400

2.24 ug/L 88

18) Methyl tert-butyl Ether

2.703 73 15851

1.97 ug/L # 87

19) 1,1-Dichloroethane

3.111 63 14483

2.41 ug/L 97

20) cis-1,2-Dichloroethene

3.825 96 7114m

2.28 ug/L

22) 2-Butanone

3.934 43 9411m

6.21 ug/L

23) Bromochloromethane

4.166 128 3972m

2.37 ug/L

27) 1,2-Dichloroethane

5.063 62 8768

2.03 ug/L 98

29) Cyclohexane

4.580 56 9552

1.98 ug/L # 85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.513	97	10518	2.10	ug/L #	89
31) Carbon tetrachloride	4.728	117	9842m	2.28	ug/L	
33) Benzene	5.011	78	24485	1.97	ug/L	100
34) Trichloroethene	5.844	95	7978m	2.49	ug/L	
35) Methylcyclohexane	6.043	83	7240	1.54	ug/L #	66
37) 1,2-Dichloropropane	6.104	63	7115	2.05	ug/L #	95
38) Bromodichloromethane	6.439	83	9566	2.10	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	11213m	2.26	ug/L	
40) 4-Methyl-2-pentanone	7.165	43	10136m	3.29	ug/L	
42) Toluene	7.323	91	29812	2.35	ug/L	96
44) trans-1,3-Dichloropropene	7.590	75	9674	2.06	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	7407m	2.27	ug/L	
46) Tetrachloroethene	7.905	164	4750	2.09	ug/L	93
48) 2-Hexanone	8.091	43	12364	5.79	ug/L #	65
49) Dibromochloromethane	8.175	129	7043	2.16	ug/L	98
50) 1,2-Dibromoethane	8.288	107	7086	2.23	ug/L #	99
51) Chlorobenzene	8.812	112	19007	2.19	ug/L	98
52) Ethylbenzene	8.947	91	24106	1.72	ug/L	95
53) m,p-Xylene	9.075	106	7464	1.47	ug/L	93
54) o-Xylene	9.480	106	8125	1.64	ug/L	88
55) Styrene	9.506	104	12239	1.41	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	11642	2.39	ug/L #	94
59) Bromoform	9.667	173	3741	2.43	ug/L #	92
60) Isopropylbenzene	9.863	105	20862	2.00	ug/L	97
61) 1,2,3-Trichloropropane	10.207	75	7592	2.74	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	15552	2.92	ug/L	96
63) 1,2,4-Trimethylbenzene	10.850	105	15078	1.84	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	11680			
65) 1,4-Dichlorobenzene	11.201	146	12938			
67) 1,2-Dichlorobenzene	11.574	146	13724			
68) 1,2-Dibromo-3-chloropr...	12.368	75	2293			
69) 1,3,5-Trichlorobenzene	12.583	180	7676	2.38	ug/L #	90
70) 1,2,4-trichlorobenzene	13.201	180	5337			
71) Naphthalene	13.445	128	16315			
72) 1,2,3-Trichlorobenzene	13.680	180	5768			

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