

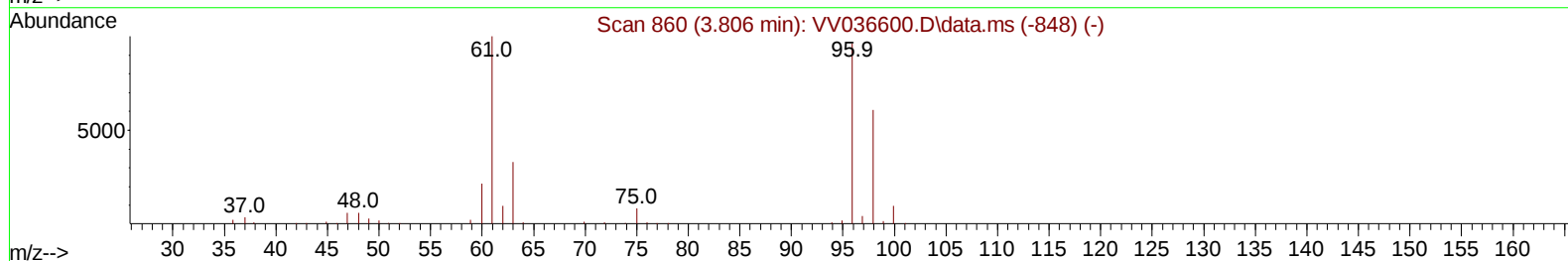
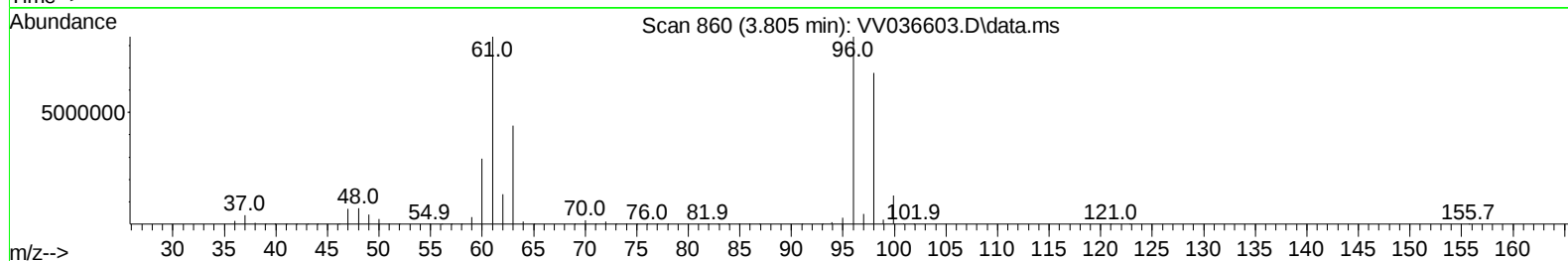
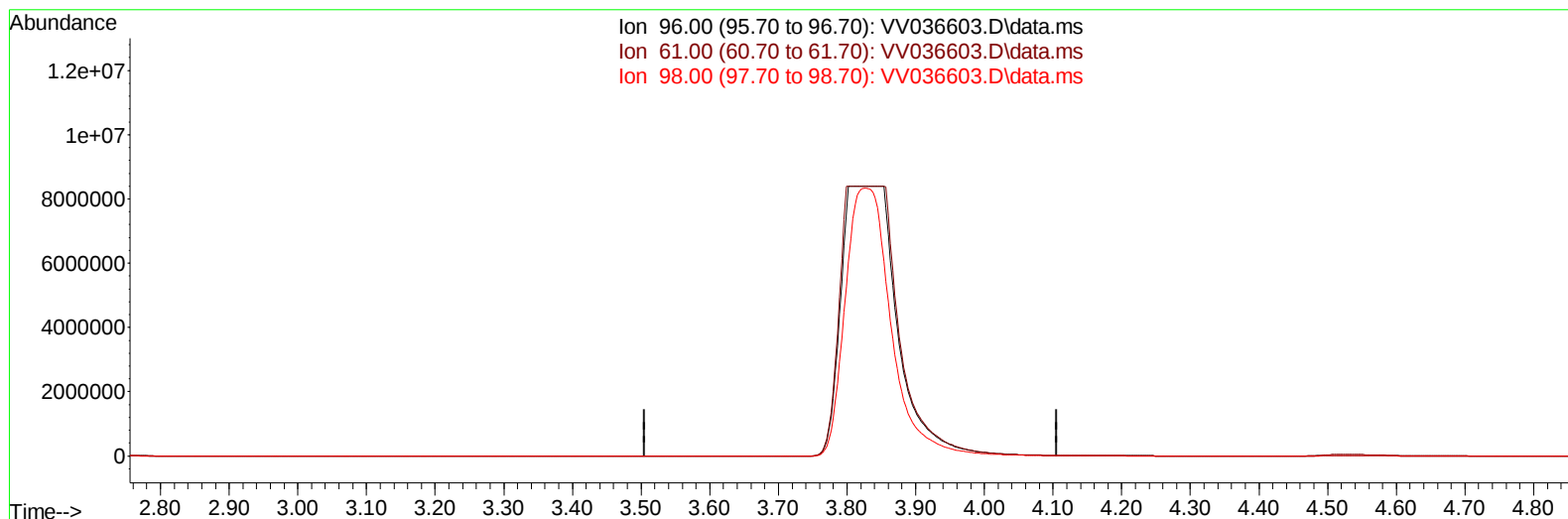
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036603.D
Acq On : 18 Jul 2024 15:36
Operator : SY/MD
Sample : P3298-07
Misc : 5.76g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB27

Manual IntegrationsAPPROVED

Quant Time: Jul 19 04:40:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 04:31:33 2024
Response via : Initial Calibration

Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



TIC: VV036603.D\data.ms

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

3.806min (-3.806) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.00	106.80	0.00#
98.00	64.60	0.00#
0.00	0.00	0.00

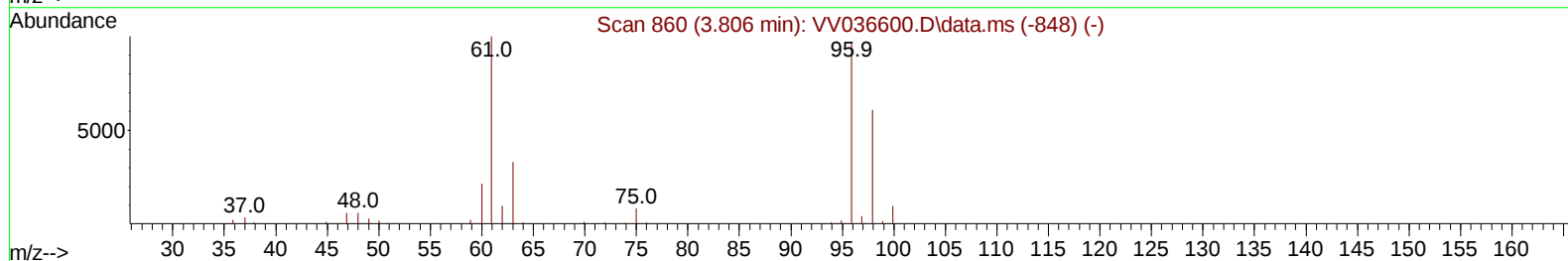
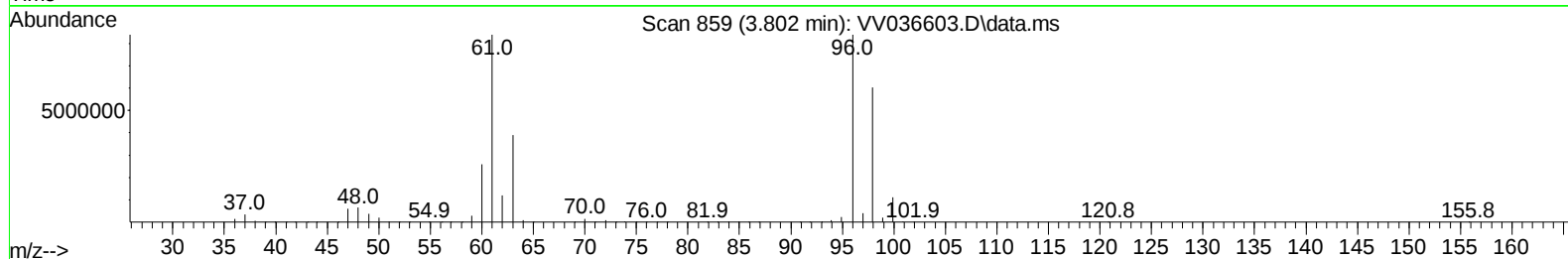
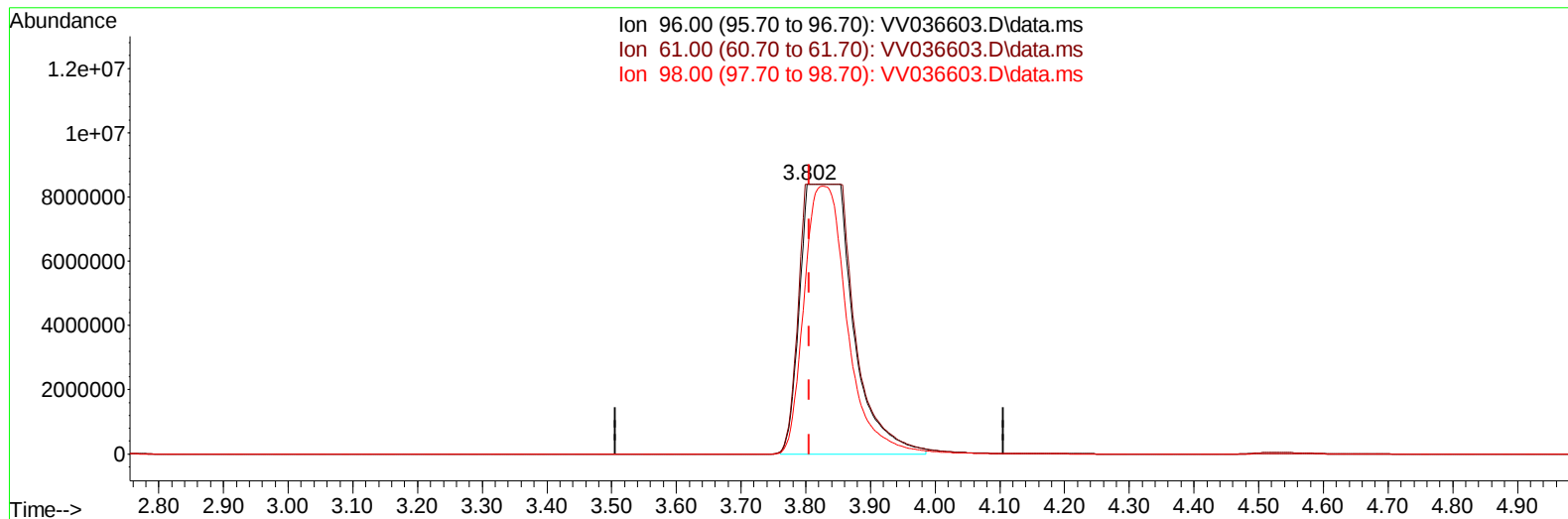
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
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Supervised By :Mahesh Dadoda 07/22/2024



TIC: VV036603.D\data.ms

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

3.802min (-0.003) 5956.67 ug/L m

response 47074111

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	106.80	100.00
98.00	64.60	71.94
0.00	0.00	0.00

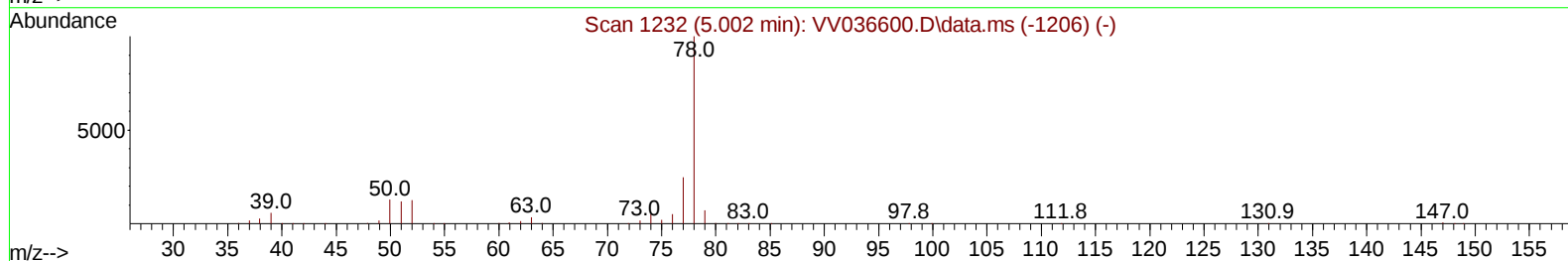
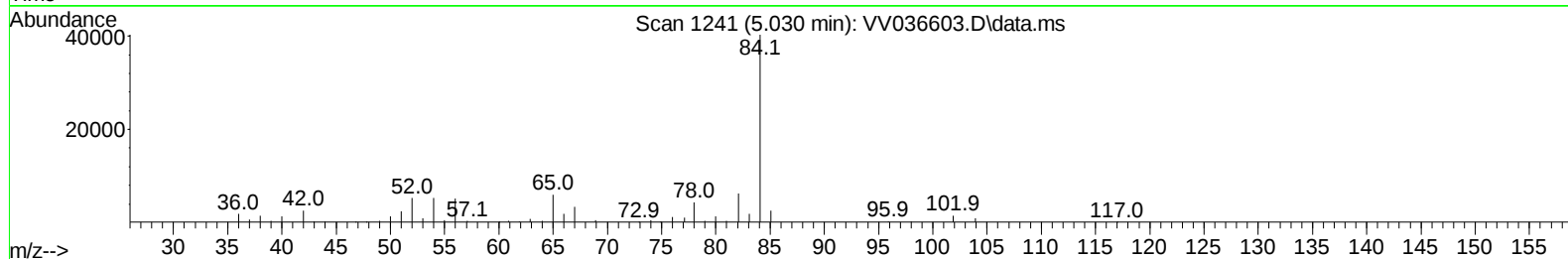
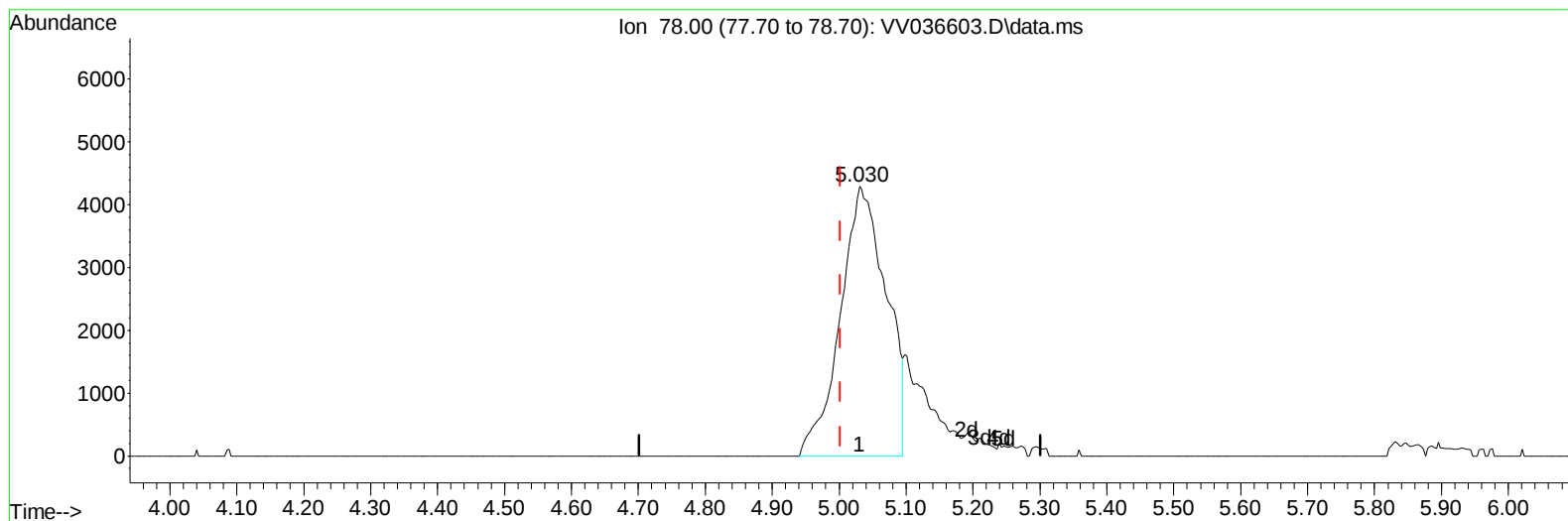
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036603.D
Acq On : 18 Jul 2024 15:36
Operator : SY/MD
Sample : P3298-07
Misc : 5.76g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB27

Manual IntegrationsAPPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
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TIC: VV036603.D\data.ms

(33) Benzene (T)

5.030min (+ 0.029) 1.11 ug/L

response 20466

Ion	Exp%	Act%
78.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

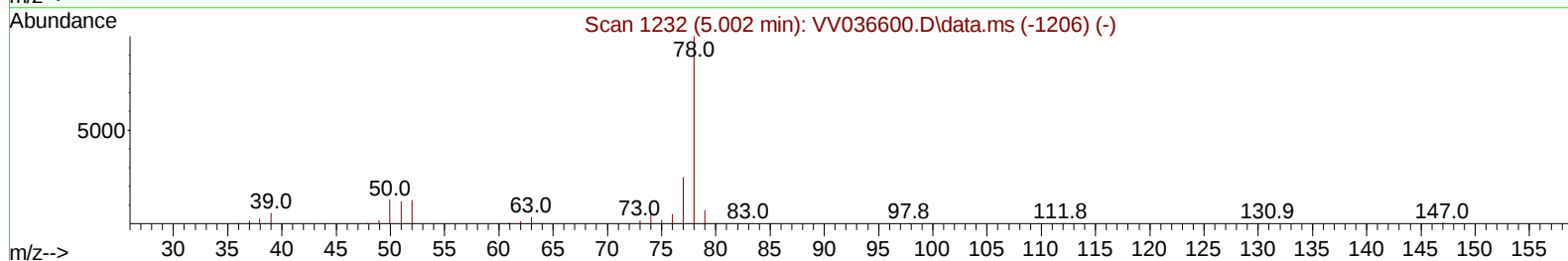
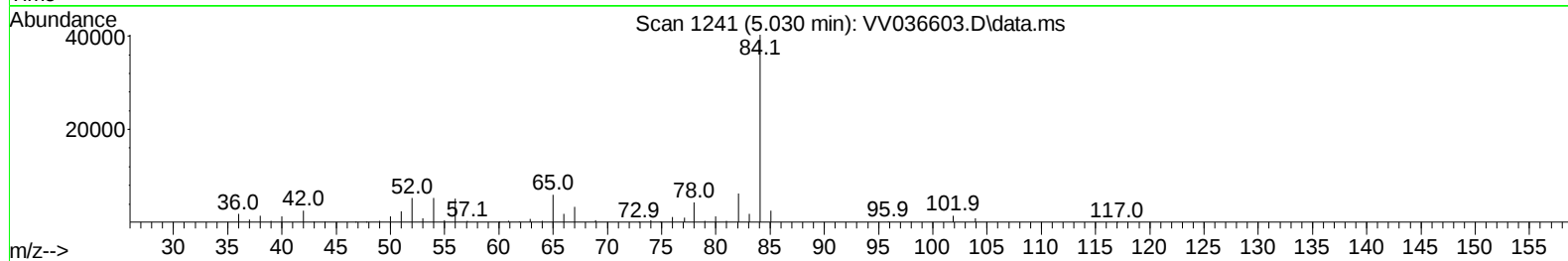
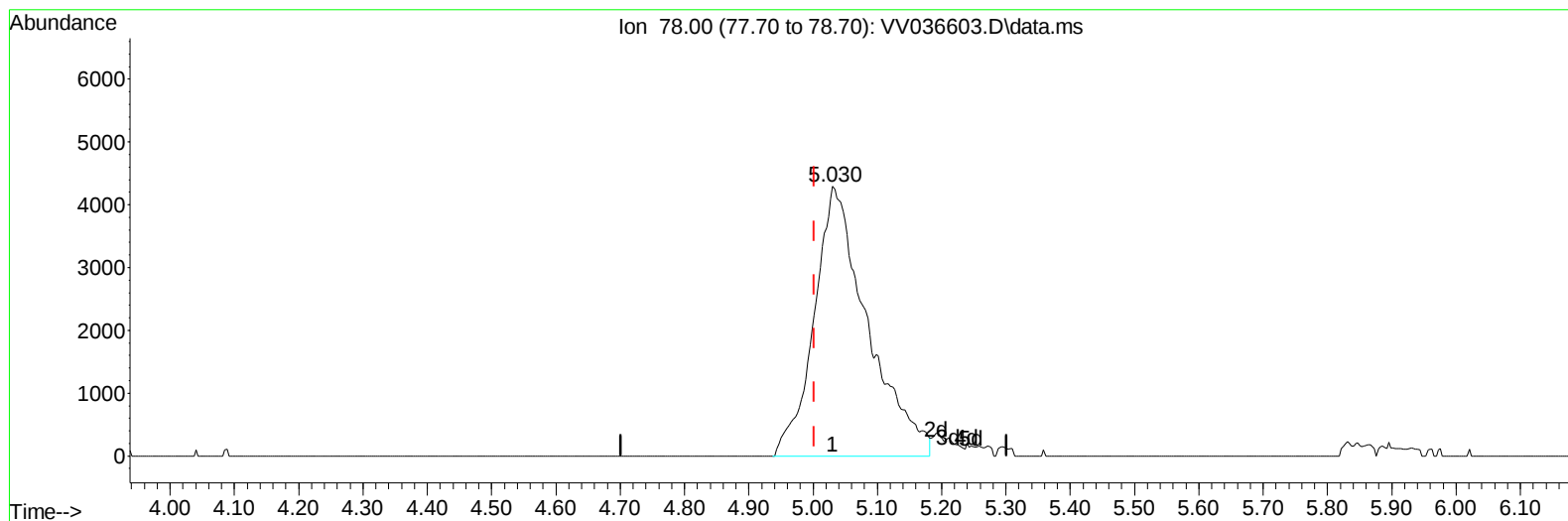
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036603.D
Acq On : 18 Jul 2024 15:36
Operator : SY/MD
Sample : P3298-07
Misc : 5.76g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB27

Manual IntegrationsAPPROVED

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QLast Update : Fri Jul 19 04:31:33 2024
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Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



TIC: VV036603.D\data.ms

(33) Benzene (T)

5.030min (+ 0.029) 1.34 ug/L m

response 24700

Ion	Exp%	Act%
78.00	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

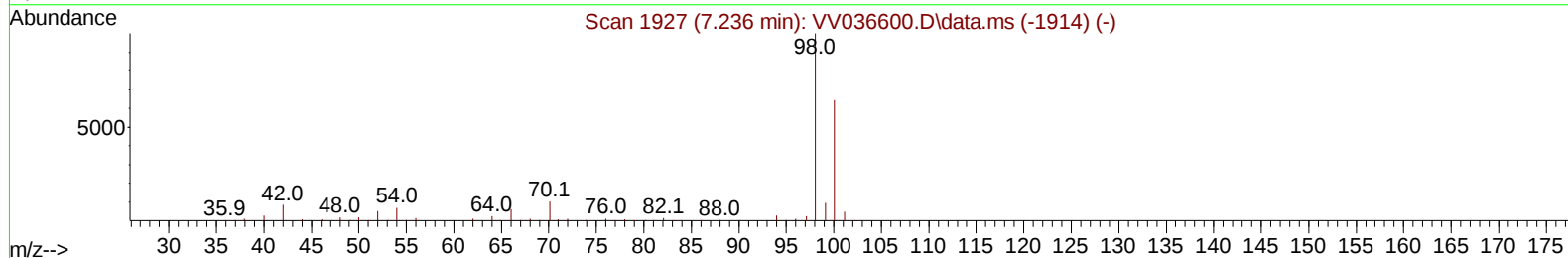
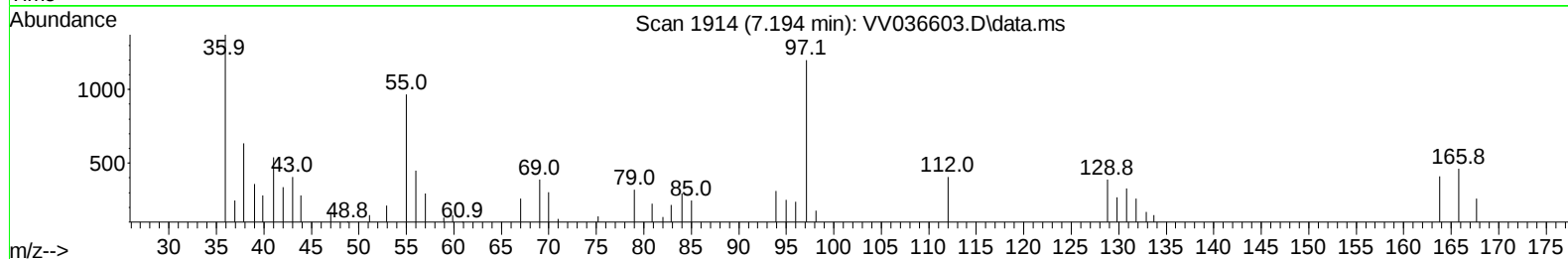
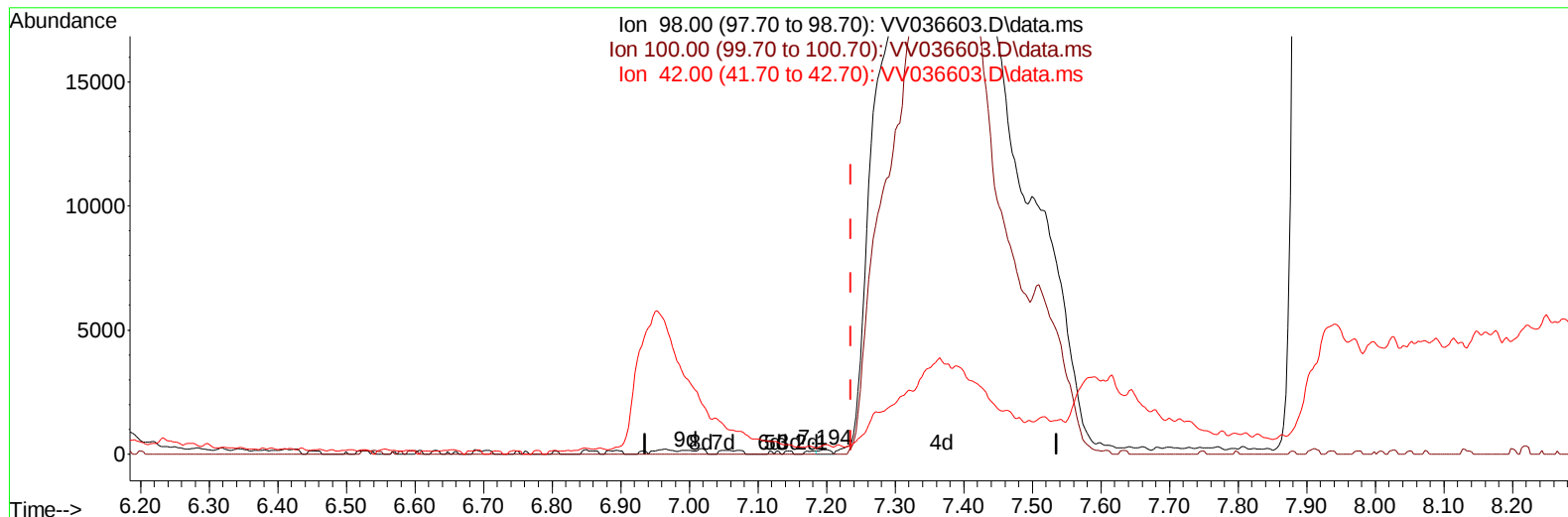
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036603.D
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Sample : P3298-07
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB27

Manual IntegrationsAPPROVED

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TIC: VV036603.D\data.ms

(41) Toluene-d8 (S)

7.194min (-0.042) 0.01 ug/L

response 200

Ion	Exp%	Act%
98.00	100.00	100.00
100.00	64.00	0.00#
42.00	8.70	70.00#
0.00	0.00	0.00

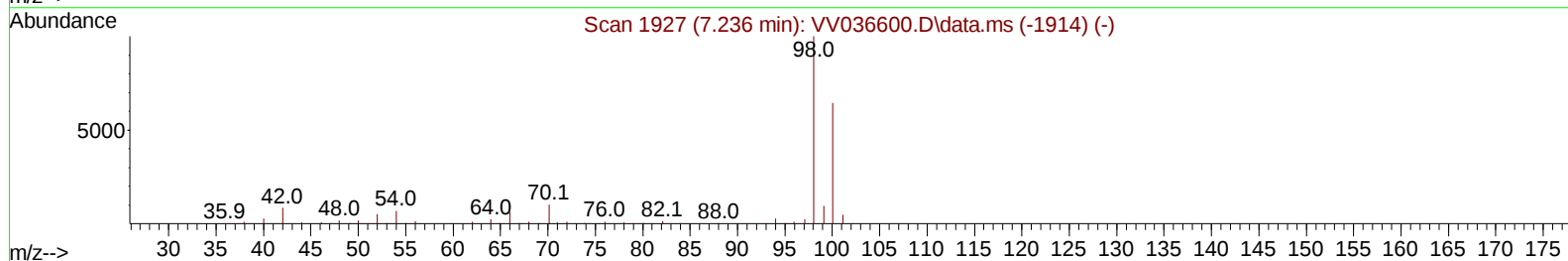
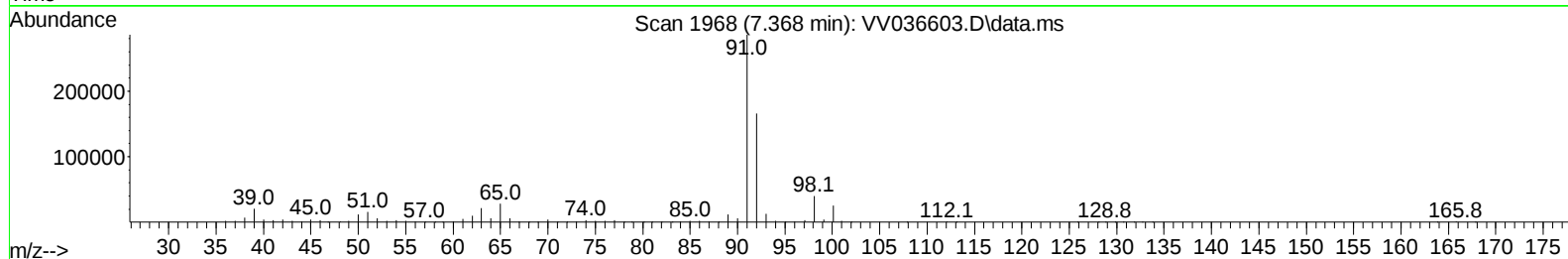
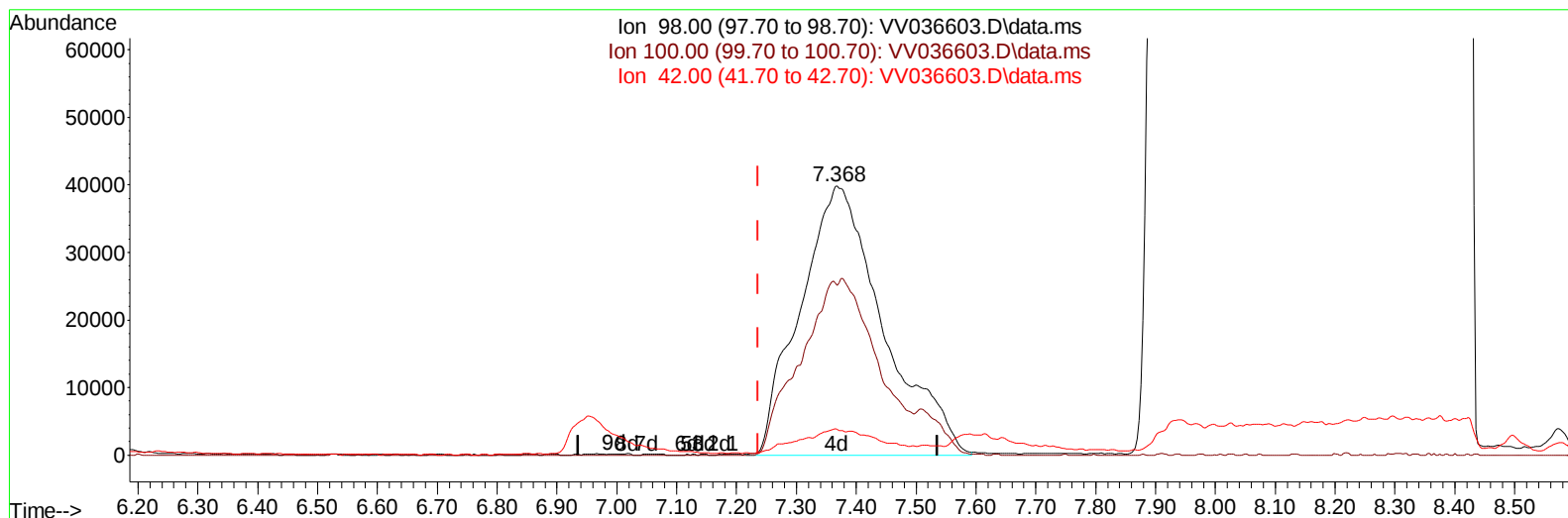
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036603.D
Acq On : 18 Jul 2024 15:36
Operator : SY/MD
Sample : P3298-07
Misc : 5.76g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB27

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 04:40:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 04:31:33 2024
Response via : Initial Calibration



TIC: VV036603.D\data.ms

(41) Toluene-d8 (S)

7.368min (+ 0.132) 22.42 ug/L m

response 383944

Ion	Exp%	Act%
98.00	100.00	100.00
100.00	64.00	0.00#
42.00	8.70	0.04#
0.00	0.00	0.00

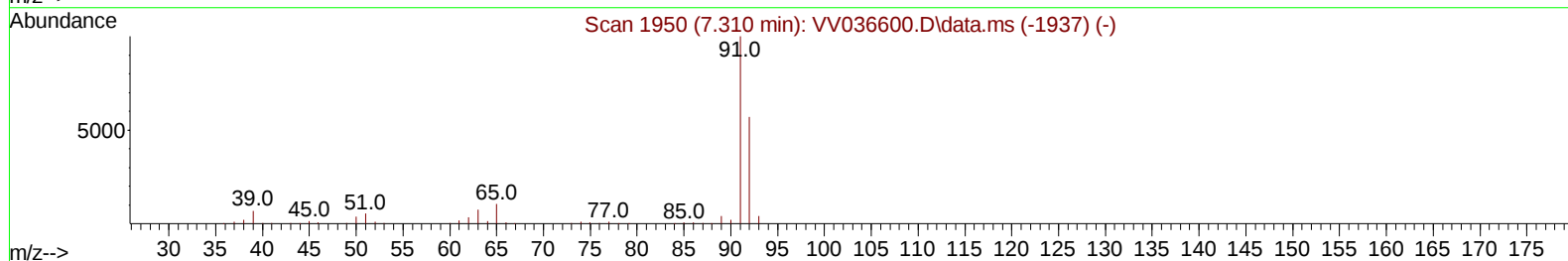
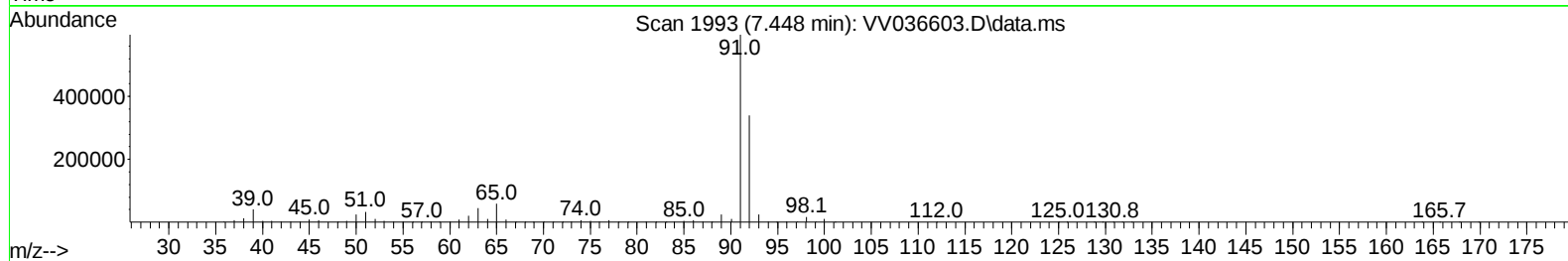
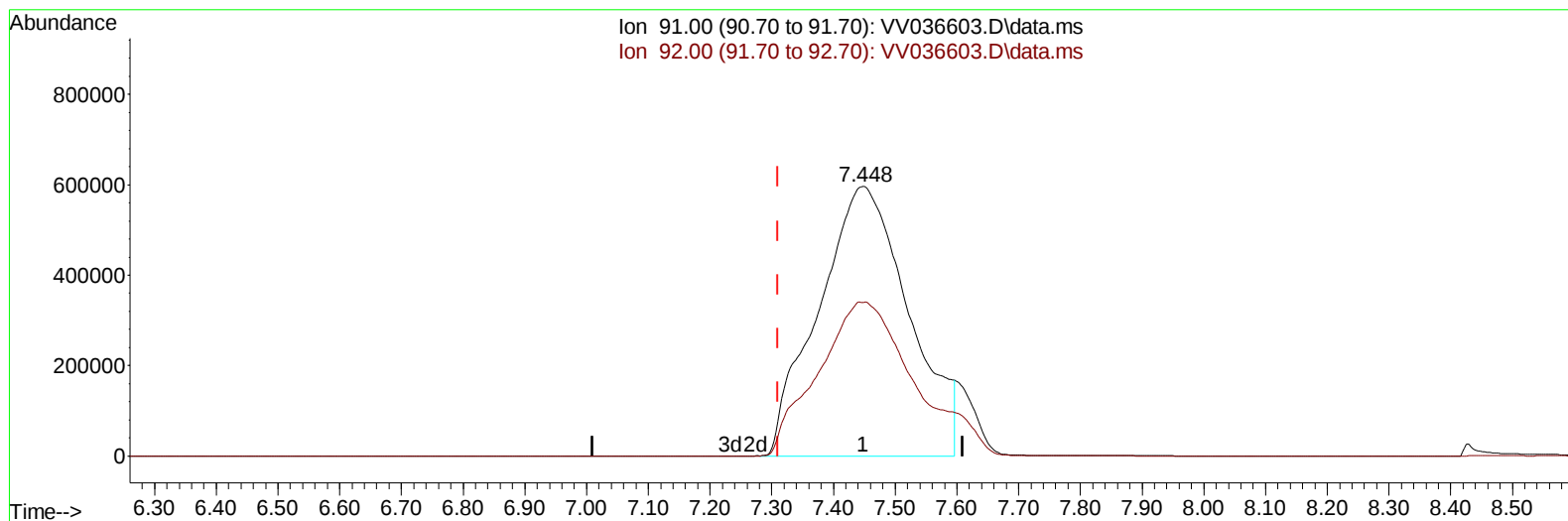
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB27

Manual IntegrationsAPPROVED

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Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



TIC: VV036603.D\data.ms

(42) Toluene (T)

7.448min (+ 0.138) 310.70 ug/L

response 6061350

Ion	Exp%	Act%
91.00	100.00	100.00
92.00	57.30	56.92
0.00	0.00	0.00
0.00	0.00	0.00

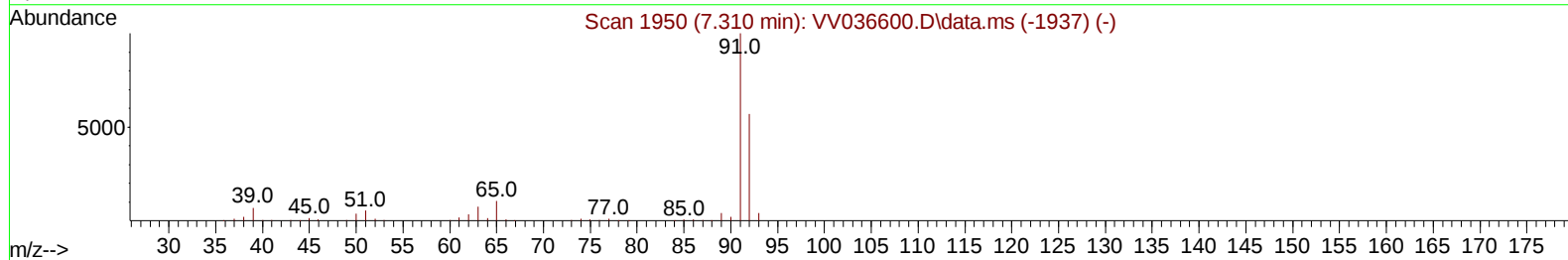
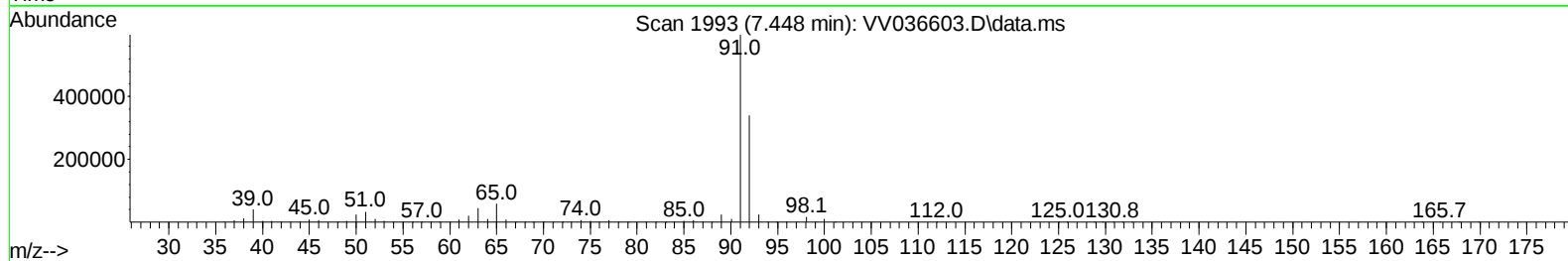
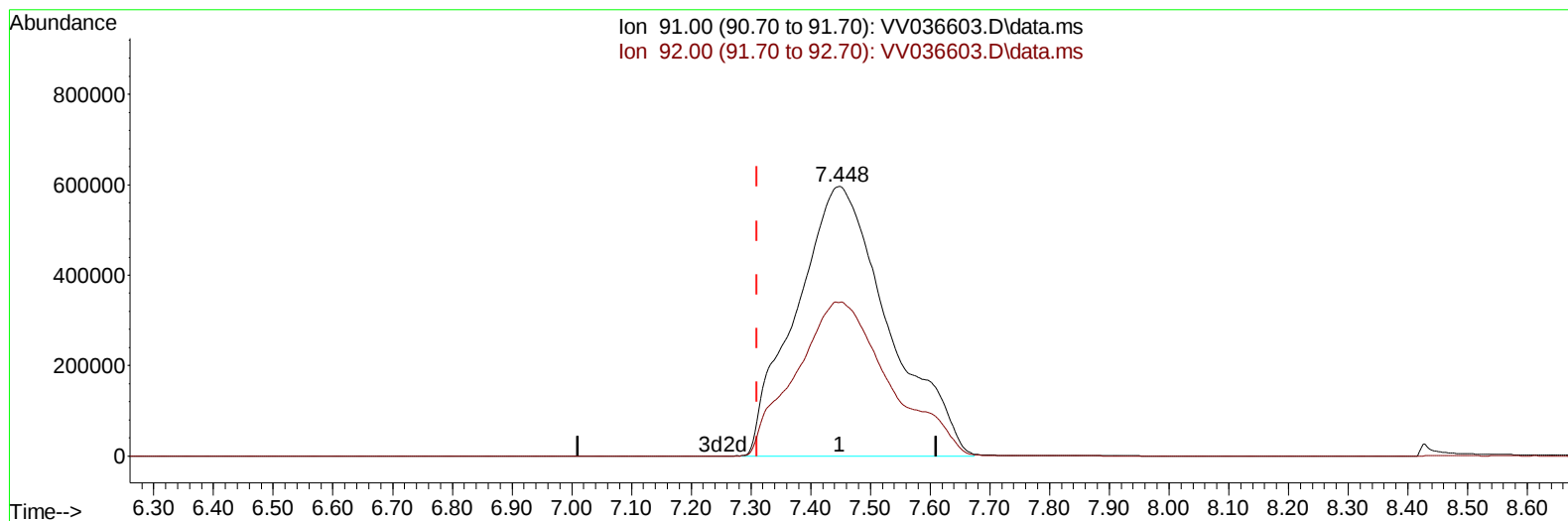
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Data File : VV036603.D
Acq On : 18 Jul 2024 15:36
Operator : SY/MD
Sample : P3298-07
Misc : 5.76g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB27

Manual IntegrationsAPPROVED

Quant Time: Jul 19 04:40:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 04:31:33 2024
Response via : Initial Calibration

Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



TIC: VV036603.D\data.ms

(42) Toluene (T)

7.448min (+ 0.138) 329.10 ug/L m

response 6420273

Ion	Exp%	Act%
91.00	100.00	100.00
92.00	57.30	56.92
0.00	0.00	0.00
0.00	0.00	0.00

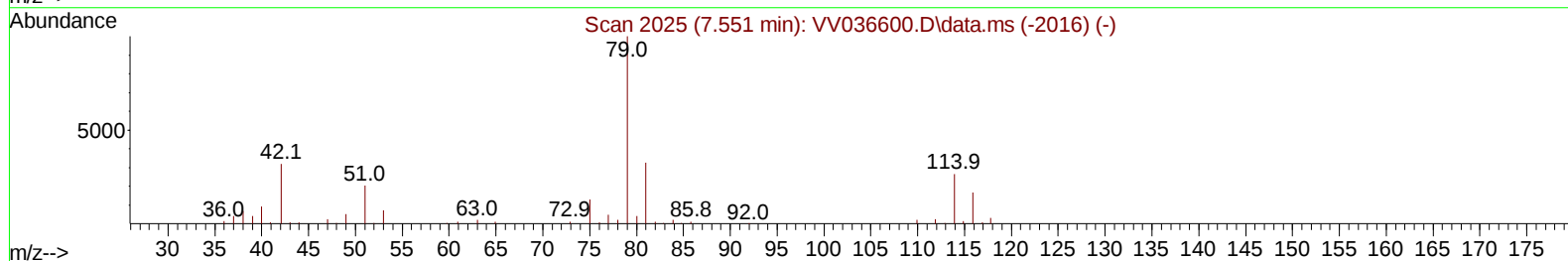
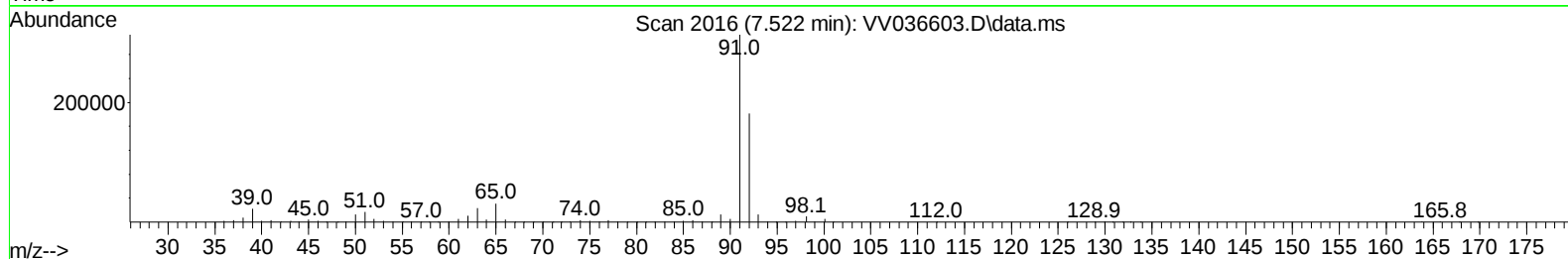
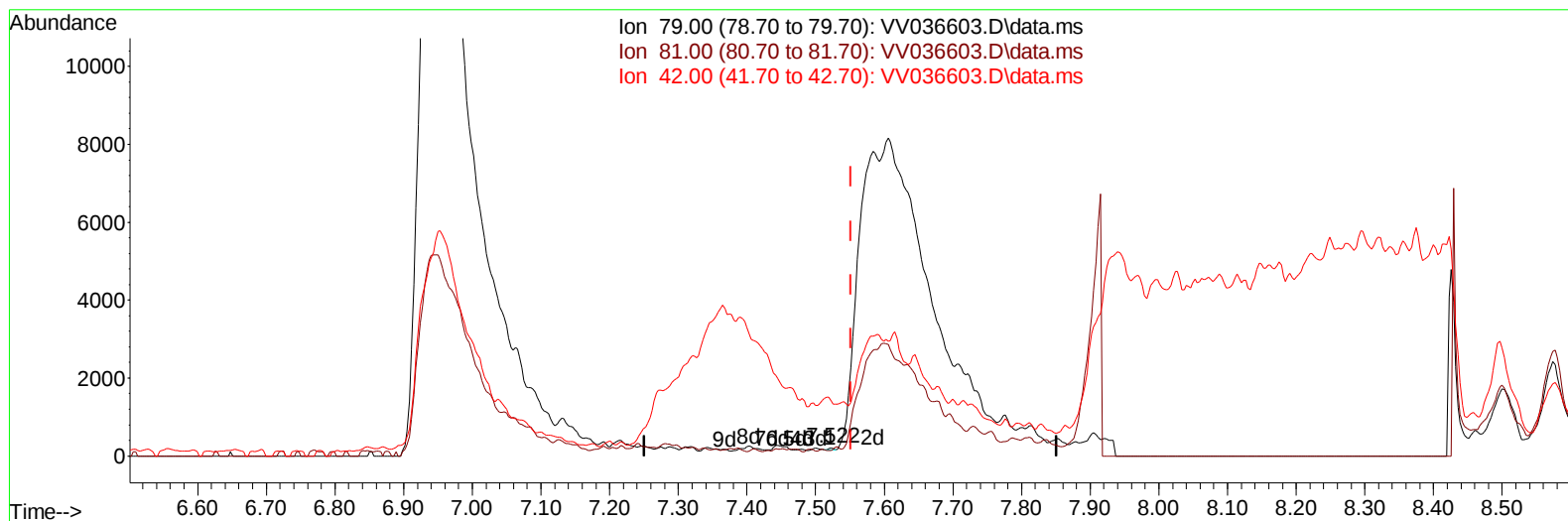
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Instrument :
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ClientSampleId :
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TIC: VV036603.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

7.522min (-0.029) 0.01 ug/L

response 21

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	32.90	285.71#
42.00	34.40	0.00#
0.00	0.00	0.00

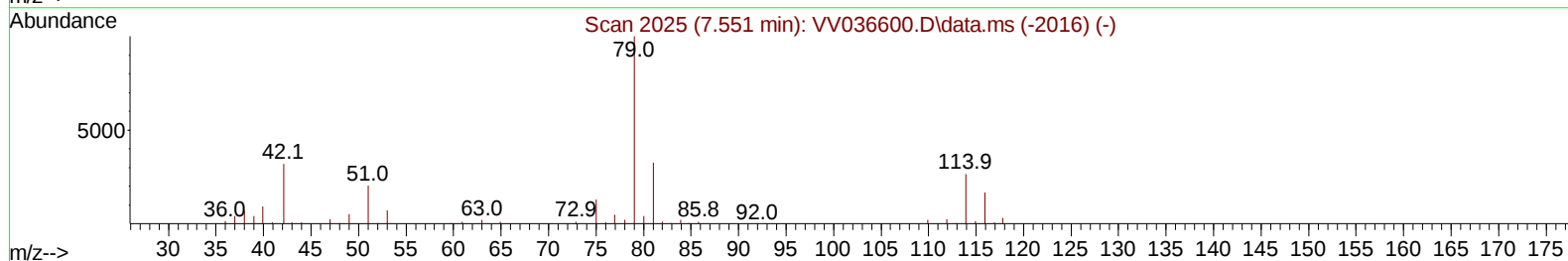
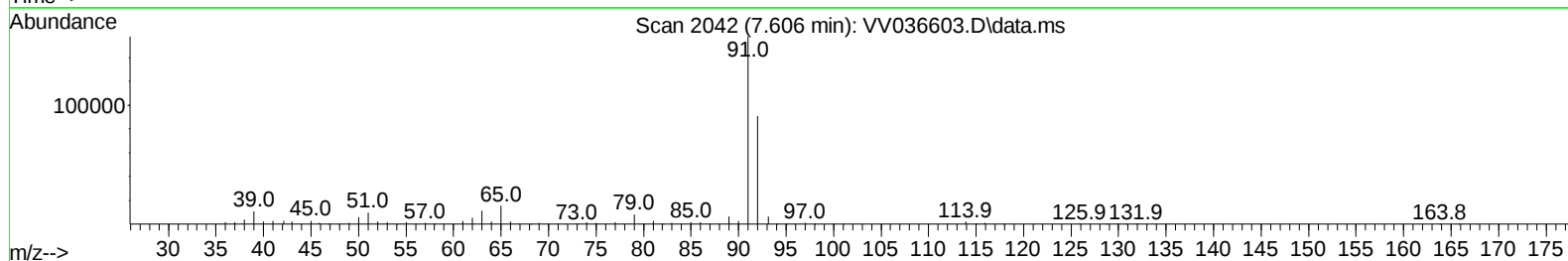
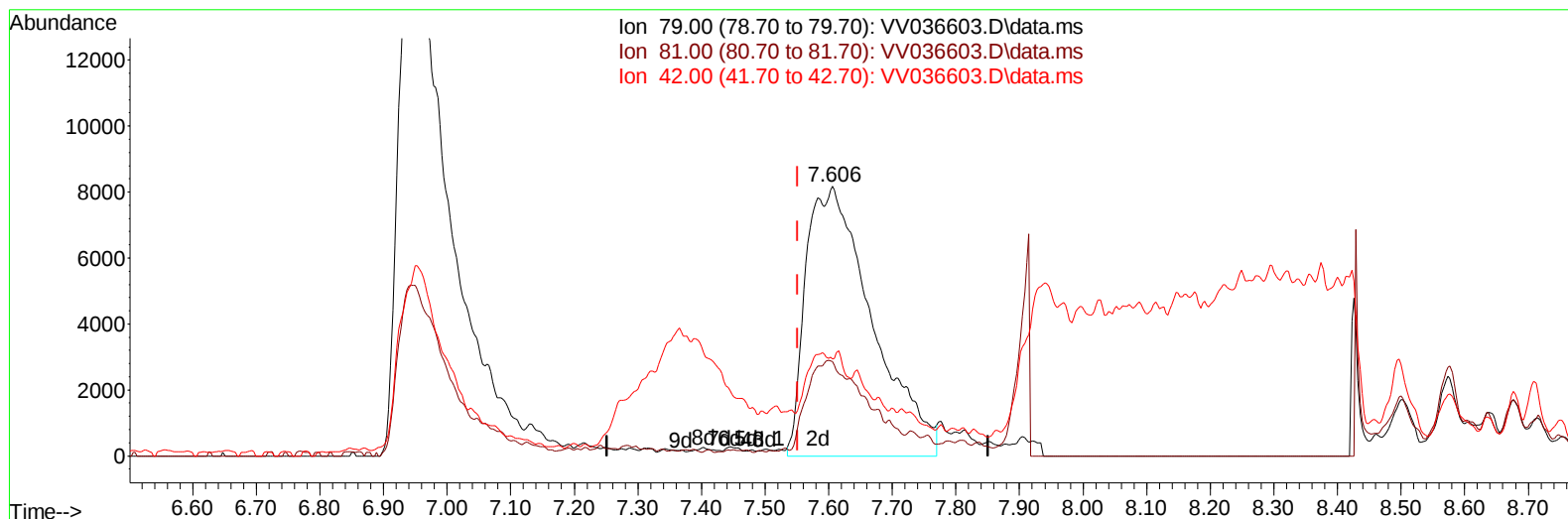
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Instrument :
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TIC: VV036603.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

7.606min (+ 0.054) 25.69 ug/L m

response 59073

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	32.90	0.10#
42.00	34.40	0.00#
0.00	0.00	0.00

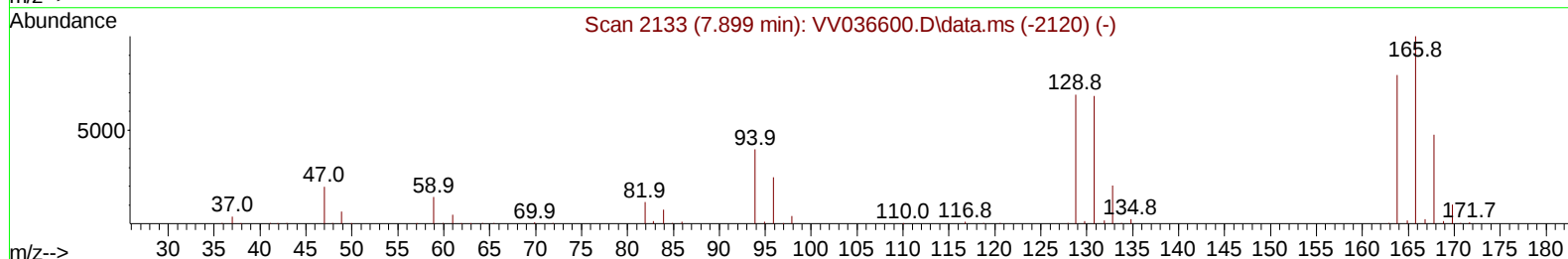
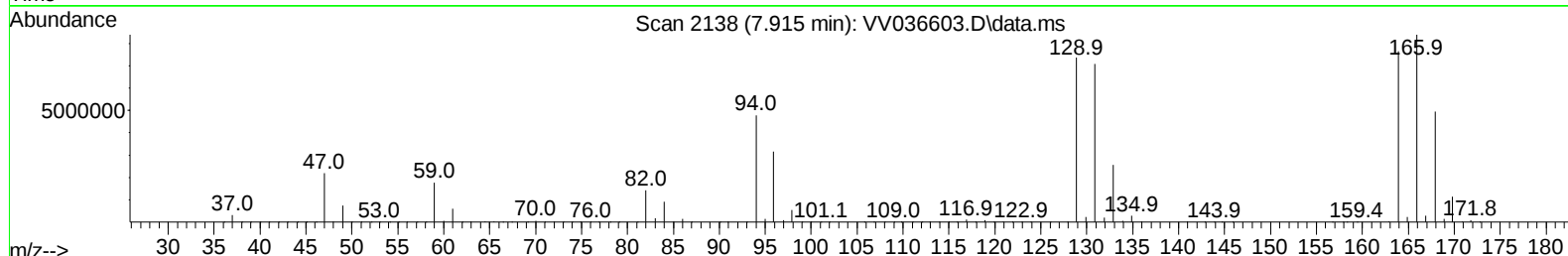
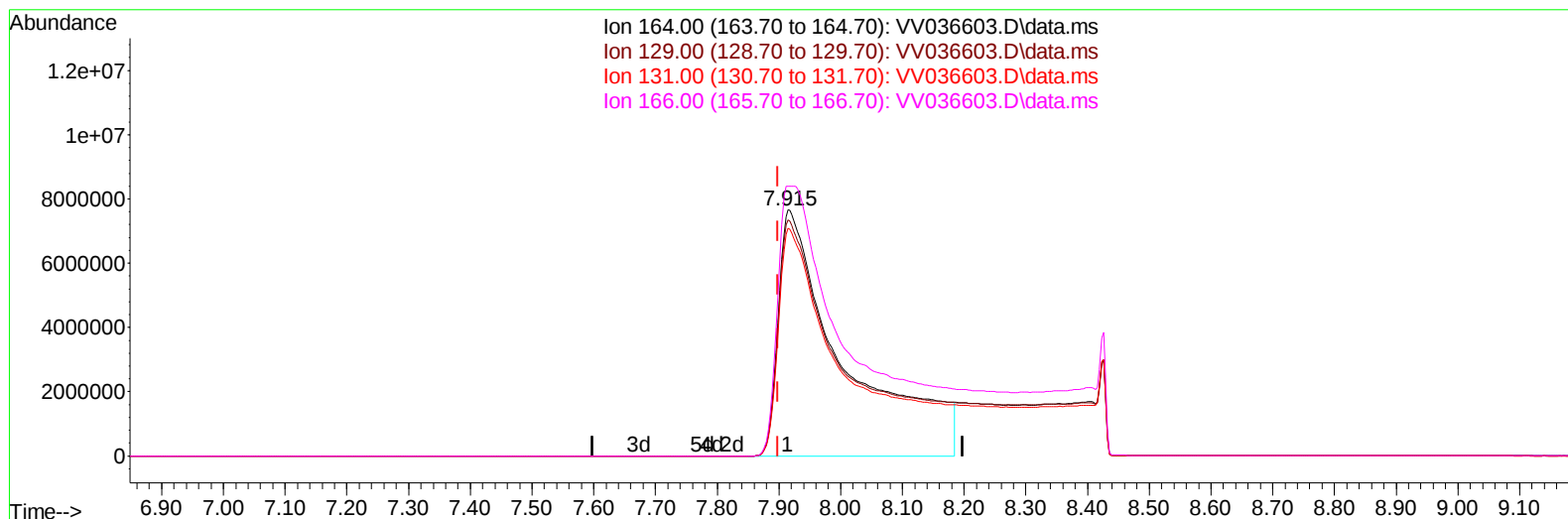
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Instrument :
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TIC: VV036603.D\data.ms

(46) Tetrachloroethene (T)

7.915min (+ 0.016) 12020.97 ug/L

response 56944634

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	87.20	95.99
131.00	85.50	92.45
166.00	127.70	109.50

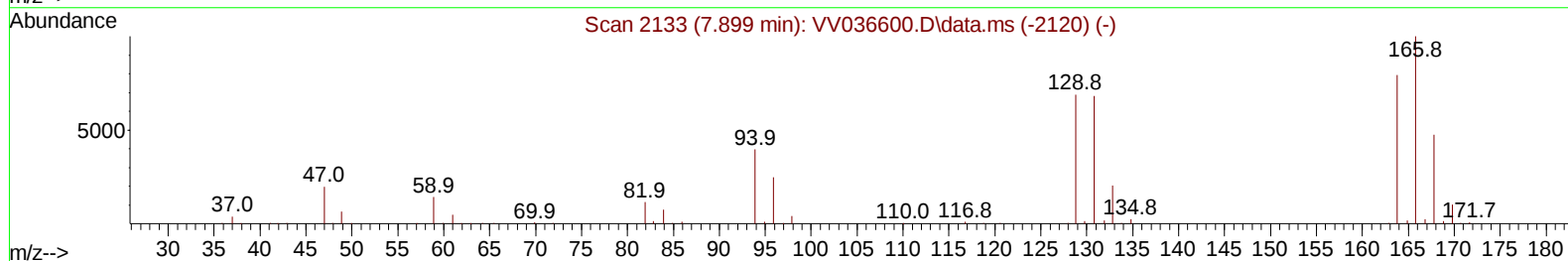
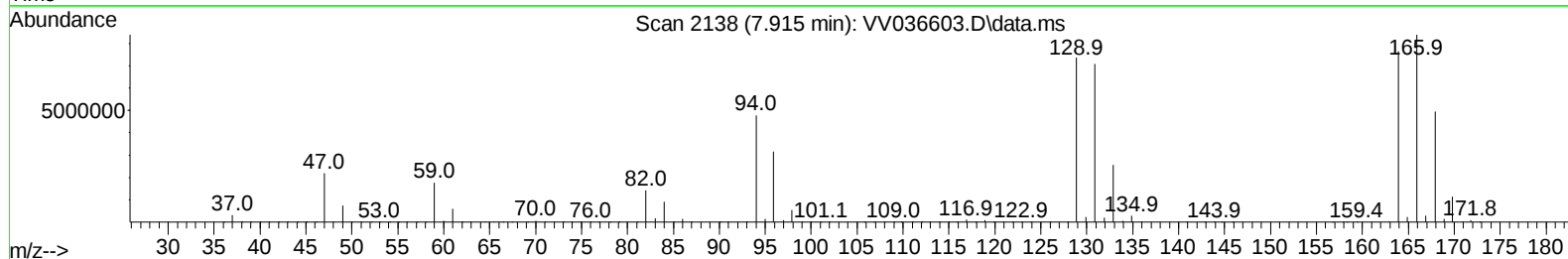
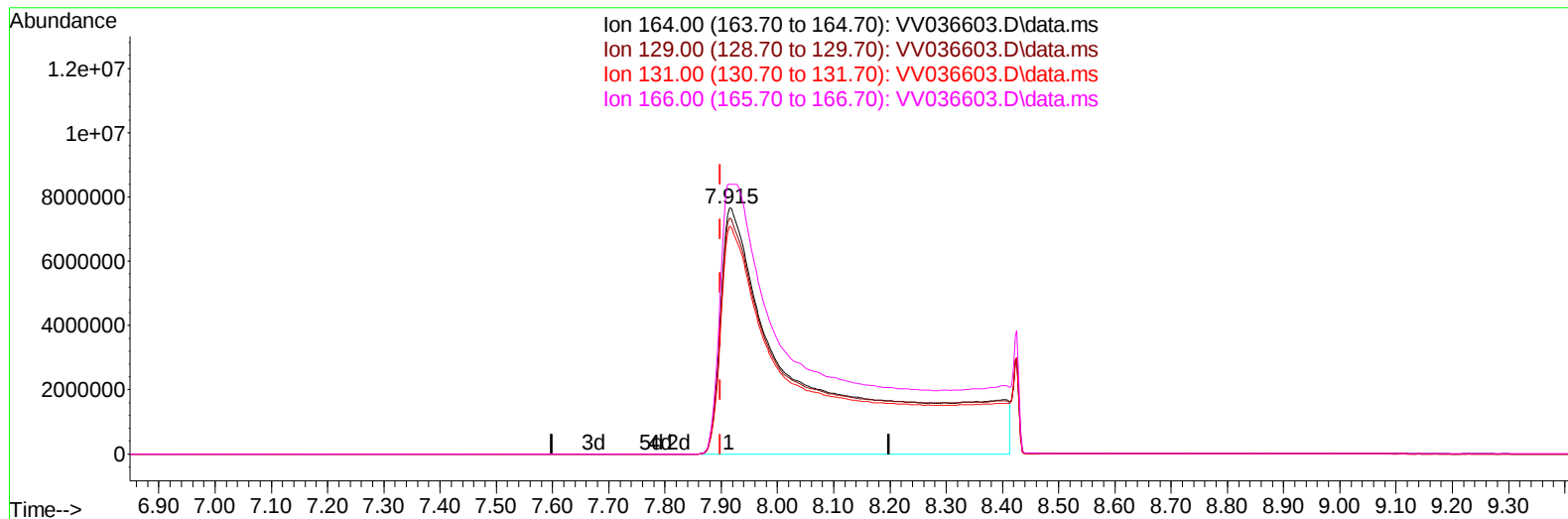
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Instrument :
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 ClientSampleId :
 BHB27

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Reviewed By :Romaben Patel 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024



TIC: VV036603.D\data.ms

(46) Tetrachloroethene (T)

7.915min (+ 0.016) 16701.94 ug/L m

response 79118911

Ion	Exp%	Act%
164.00	100.00	100.00
129.00	87.20	95.99
131.00	85.50	92.45
166.00	127.70	109.50

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
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Reviewed By :Romaben Patel 07/19/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.567	114	566372	25.000	ug/L	0.04
28) Chlorobenzene-d5	8.886	117	372041	25.000	ug/L	0.11
58) 1,4-Dichlorobenzene-d4	11.201	152	179663	25.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	163391	20.136	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	80.560%	
7) Chloroethane-d5	1.532	69	103005	14.519	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	58.080%	
11) 1,1-Dichloroethene-d2	2.059	65	59880	14.371	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	57.480%	
21) 2-Butanone-d5	3.844	46	67793	48.813	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	97.620%	
24) Chloroform-d	4.265	84	211557	12.833	ug/L	0.03
Spiked Amount 25.000	Range 40	- 150	Recovery	=	51.320%	
26) 1,2-Dichloroethane-d4	4.953	65	120904	14.786	ug/L	0.02
Spiked Amount 25.000	Range 70	- 130	Recovery	=	59.160%#	
32) Benzene-d6	4.985	84	413712	22.290	ug/L	0.04
Spiked Amount 25.000	Range 20	- 135	Recovery	=	89.160%	
36) 1,2-Dichloropropane-d6	6.011	67	112066	20.259	ug/L	0.03
Spiked Amount 25.000	Range 70	- 120	Recovery	=	81.040%	
41) Toluene-d8	7.368	98	383944m	22.419	ug/L	0.13
Spiked Amount 25.000	Range 30	- 130	Recovery	=	89.680%	
43) trans-1,3-Dichloroprop...	7.606	79	59073m	25.686	ug/L	0.05
Spiked Amount 25.000	Range 30	- 135	Recovery	=	102.760%	
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20	- 135	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	10.178	84	101506	21.788	ug/L	0.03
Spiked Amount 25.000	Range 45	- 120	Recovery	=	87.160%	
66) 1,2-Dichlorobenzene-d4	11.574	152	102549	16.819	ug/L	0.02
Spiked Amount 25.000	Range 75	- 120	Recovery	=	67.280%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.278	62	4920270	607.038	ug/L	99
12) 1,1-Dichloroethene	2.069	96	193516	23.129	ug/L	87
13) Acetone	2.175	43	44892	22.863	ug/L	91
14) Carbon disulfide	2.243	76	16909	0.900	ug/L	99
15) Methyl Acetate	2.413	43	8498	3.203	ug/L #	72
16) Methylene chloride	2.452	84	34599	2.971	ug/L	95
17) trans-1,2-Dichloroethene	2.703	96	120053	15.789	ug/L	98
19) 1,1-Dichloroethane	3.121	63	57067	4.146	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	47074111m	5956.674	ug/L	
30) 1,1,1-Trichloroethane	4.526	97	705371	81.559	ug/L	100
33) Benzene	5.030	78	24700m	1.342	ug/L	
34) Trichloroethene	5.863	95	46842343	7995.265	ug/L	94
42) Toluene	7.448	91	6420273m	329.096	ug/L	
46) Tetrachloroethene	7.915	164	79118911m	16701.941	ug/L	
52) Ethylbenzene	9.027	91	136862	6.540	ug/L	99
53) m,p-Xylene	9.140	106	260399	32.320	ug/L	98
54) o-Xylene	9.529	106	103337	13.471	ug/L	94
60) Isopropylbenzene	9.908	105	15809	0.881	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
 Data File : VV036603.D
 Acq On : 18 Jul 2024 15:36
 Operator : SY/MD
 Sample : P3298-07
 Misc : 5.76g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB27

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 04:40:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 04:31:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	10.503	105	43857	3.412	ug/L	97
63) 1,2,4-Trimethylbenzene	10.873	105	121596	8.694	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071824\
Data File : VV036603.D
Acq On : 18 Jul 2024 15:36
Operator : SY/MD
Sample : P3298-07
Misc : 5.76g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB27

Manual IntegrationsAPPROVED

Quant Time: Jul 19 04:40:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
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