

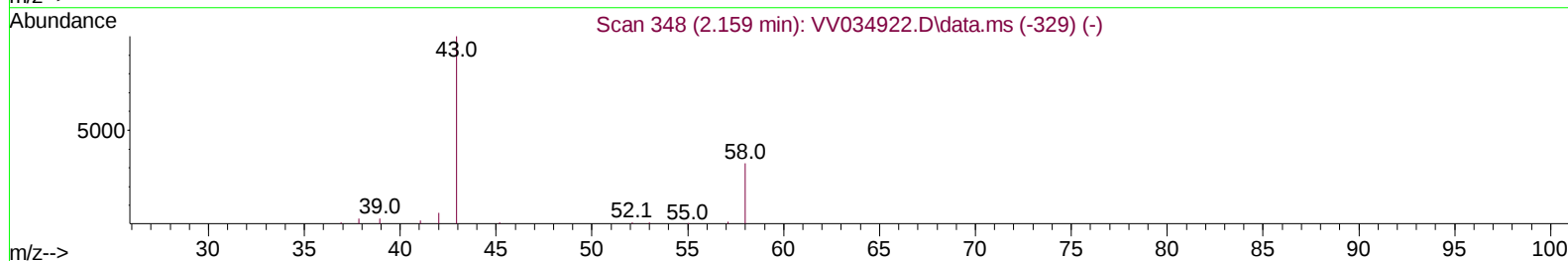
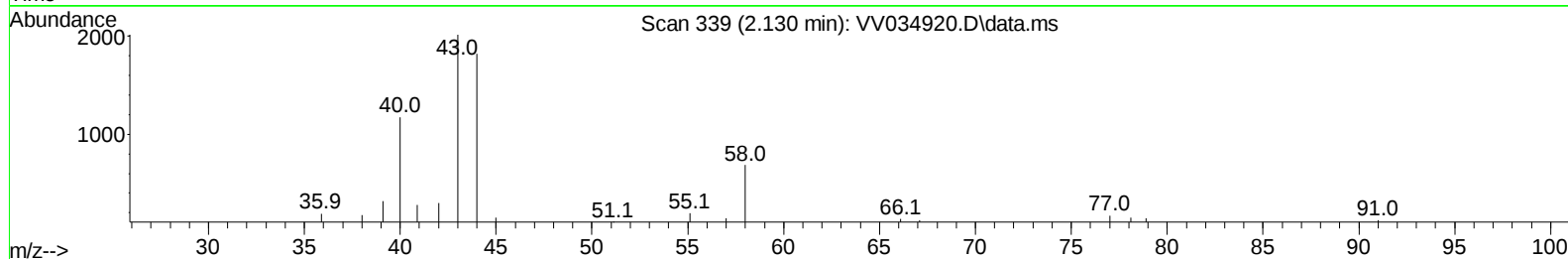
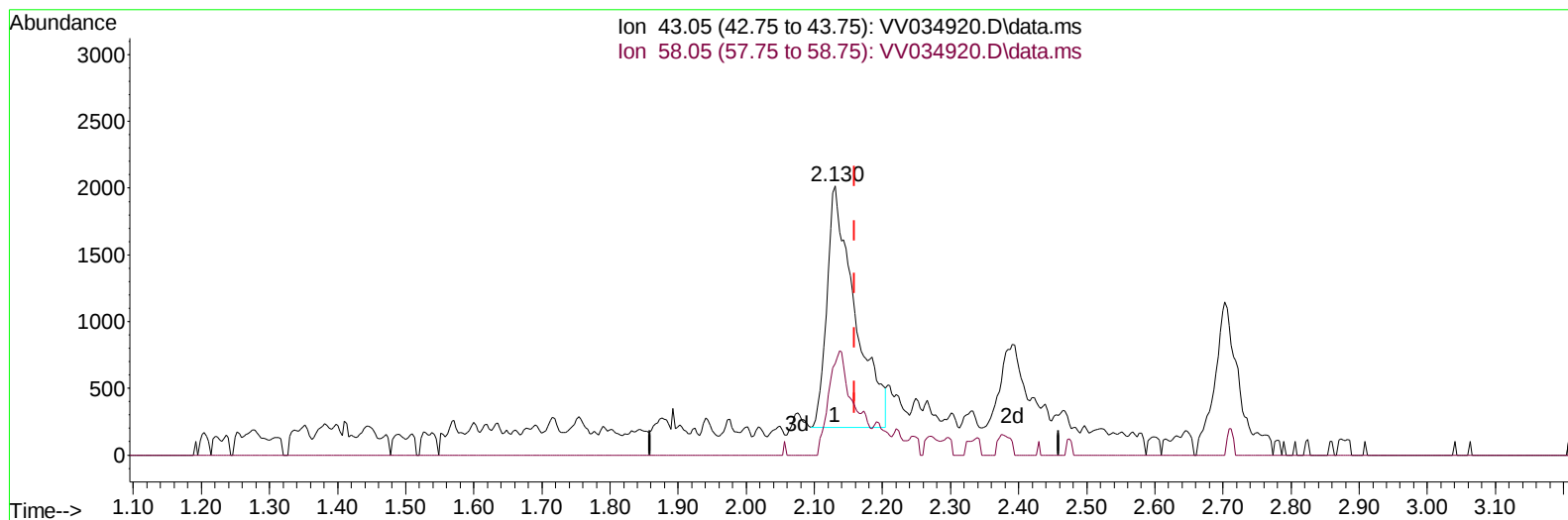
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034920.D
 Acq On : 02 Apr 2024 08:59
 Operator : SY/MD
 Sample : VSTD0.546
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5246

Manual IntegrationsAPPROVED

Quant Time: Apr 03 04:46:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024



TIC: VV034920.D\data.ms

(13) Acetone (T)

2.130min (-0.029) 3.01 ug/L

response 5135

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.40	39.61
0.00	0.00	0.00
0.00	0.00	0.00

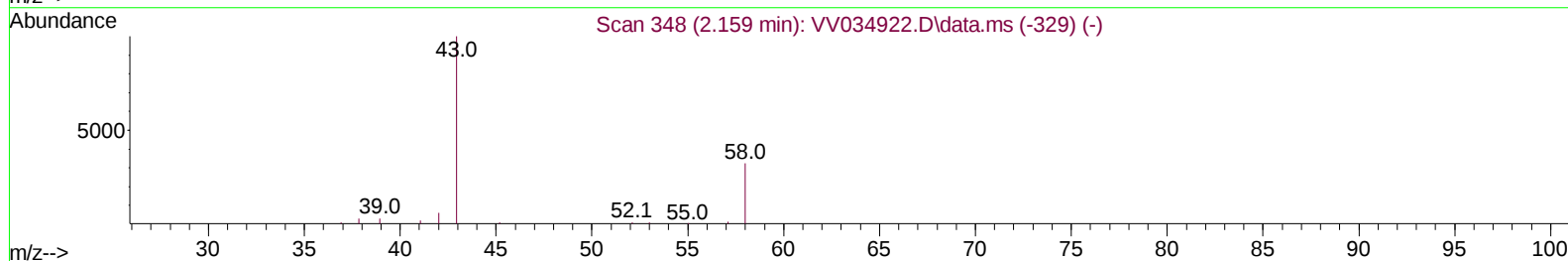
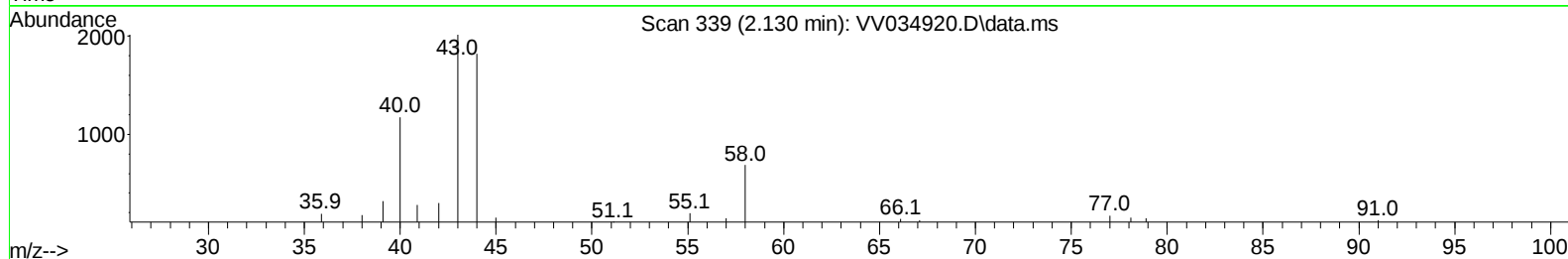
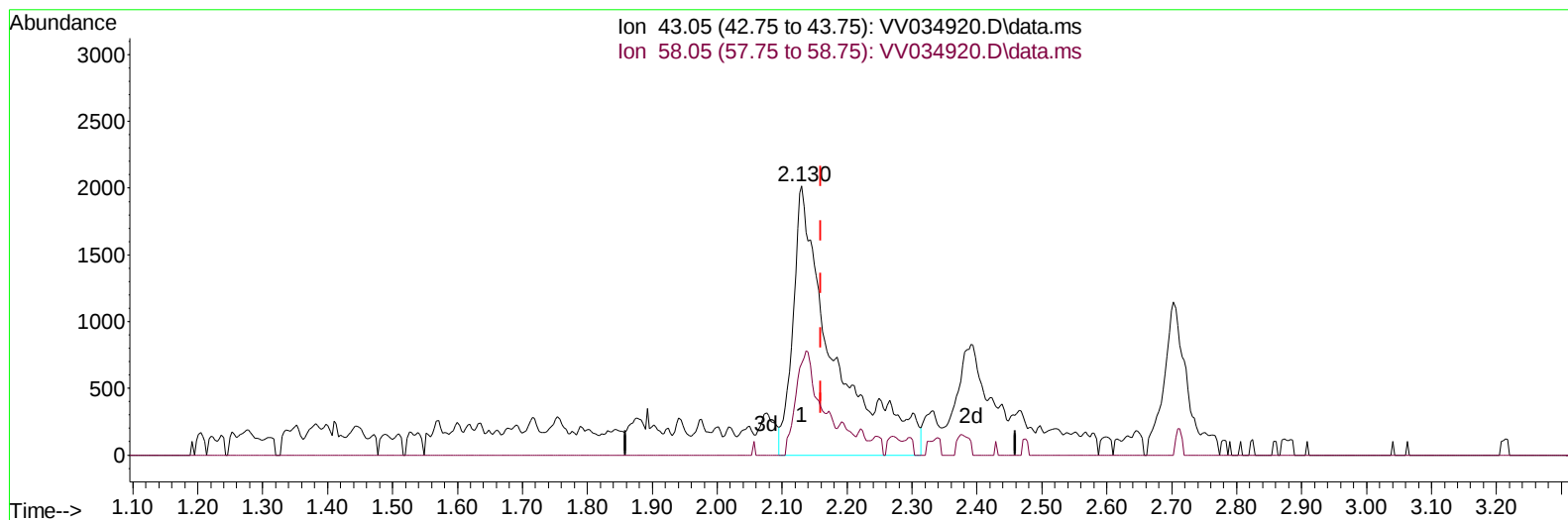
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034920.D
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Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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MSVOA_V
ClientSampleId :
VSTD0.5246

Manual IntegrationsAPPROVED

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 04:45:52 2024
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Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



TIC: VV034920.D\data.ms

(13) Acetone (T)

2.130min (-0.029) 5.14 ug/L m

response 8751

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.40	23.24
0.00	0.00	0.00
0.00	0.00	0.00

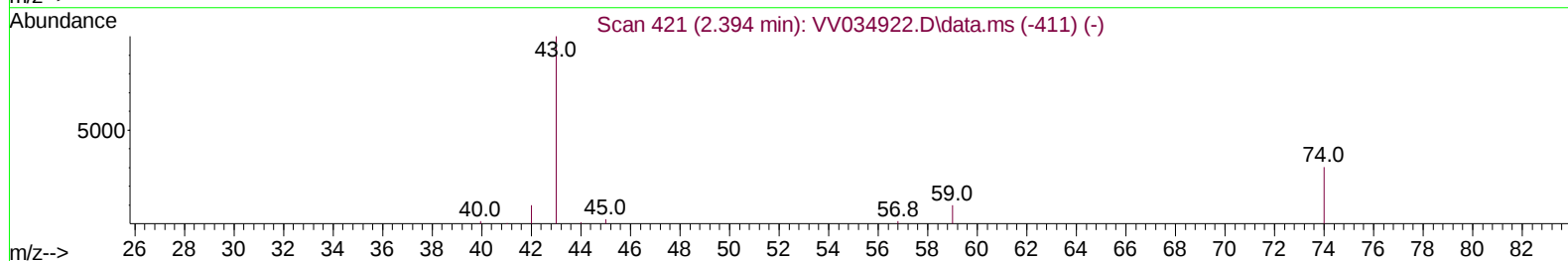
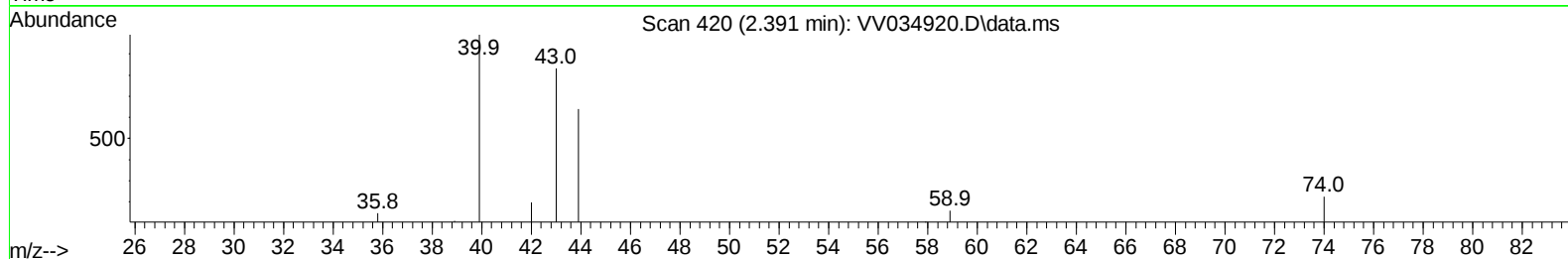
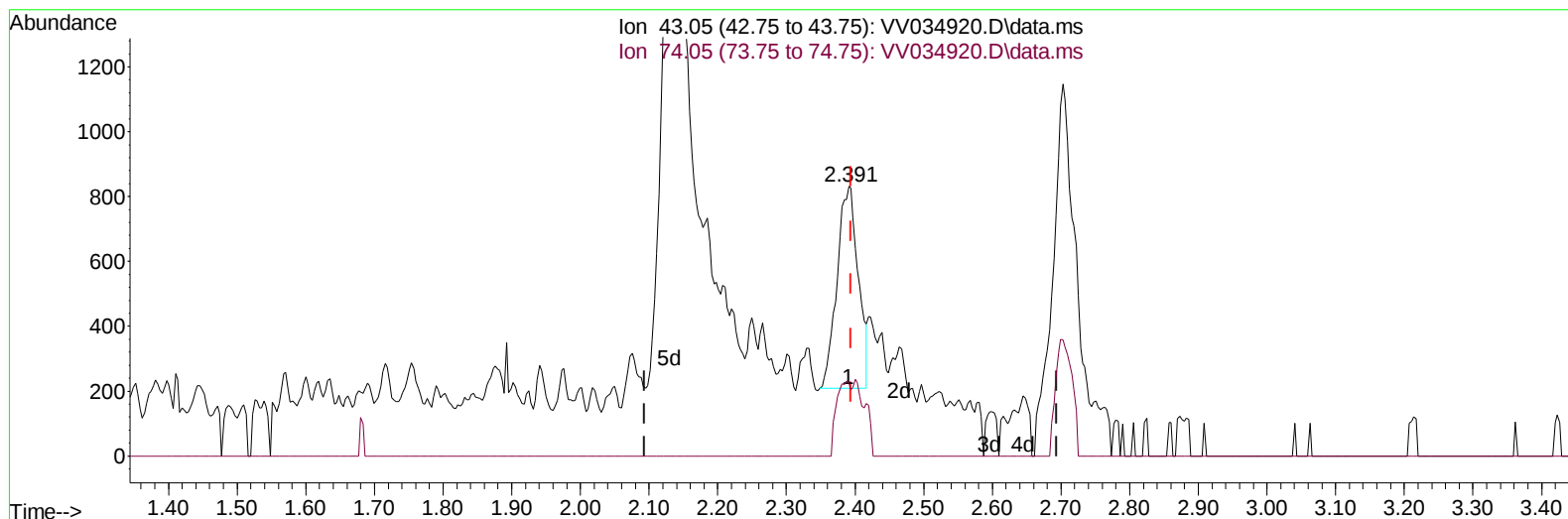
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034920.D
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 Operator : SY/MD
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 ClientSampleId :
 VSTD0.5246

Manual IntegrationsAPPROVED

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TIC: VV034920.D\data.ms

(15) Methyl Acetate (T)

2.391min (-0.003) 0.29 ug/L

response 1346

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	23.10	25.04
0.00	0.00	0.00
0.00	0.00	0.00

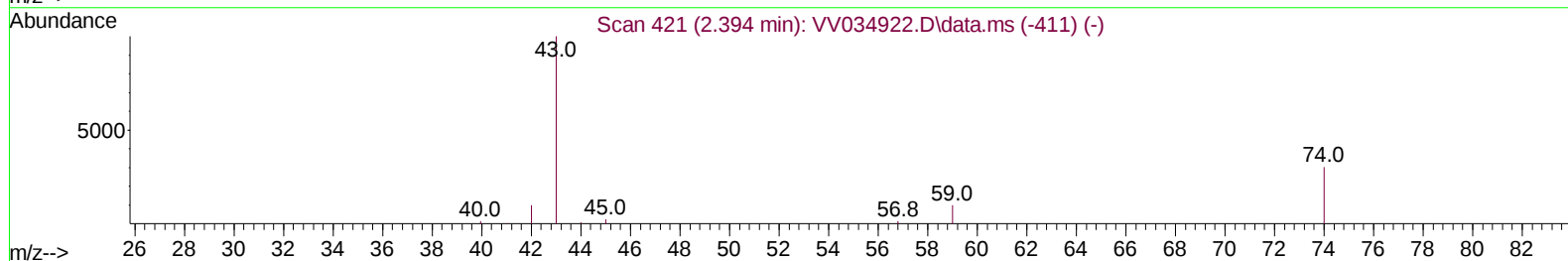
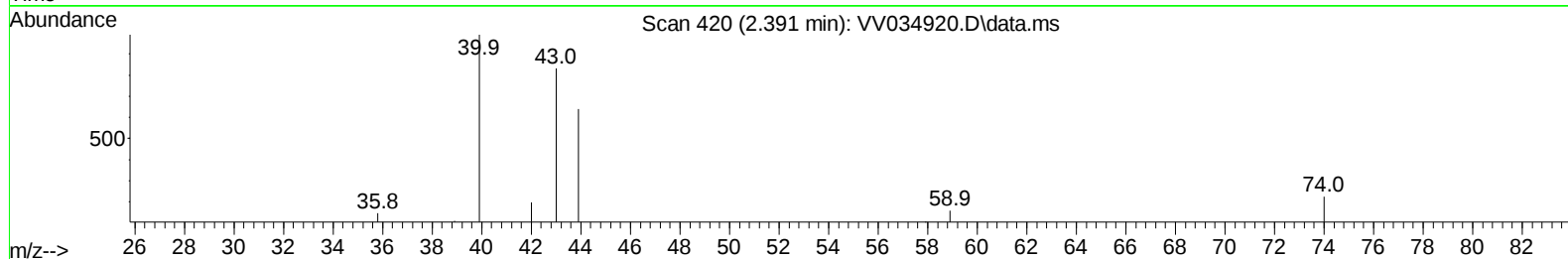
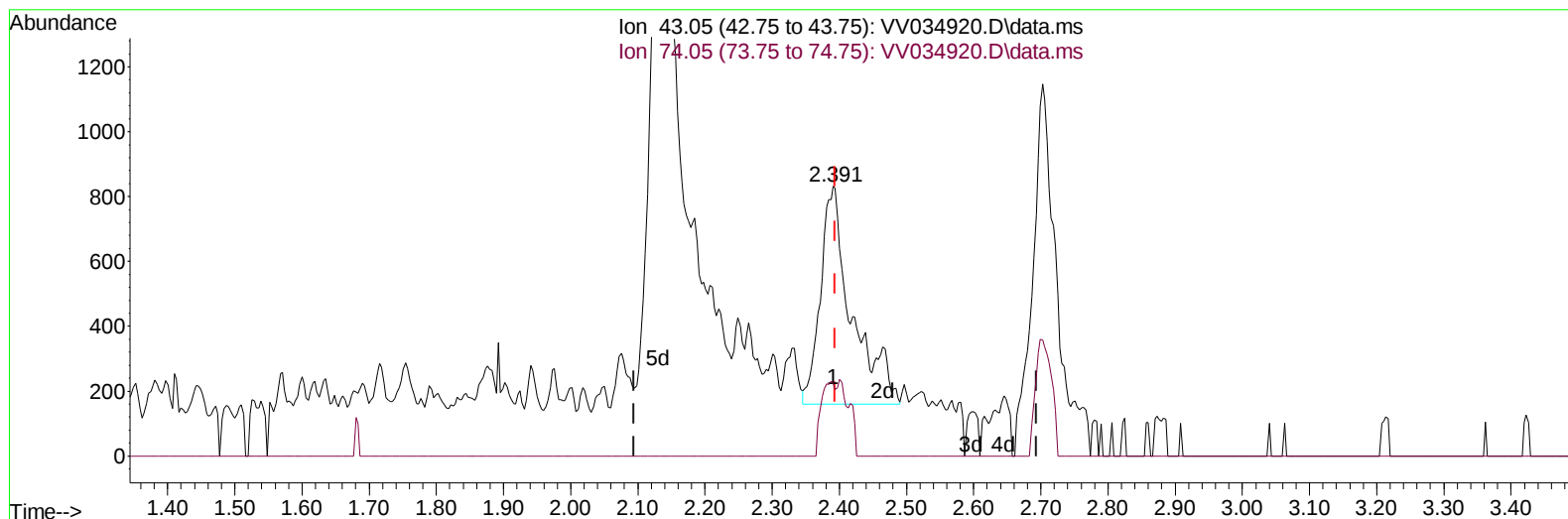
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024



TIC: VV034920.D\data.ms

(15) Methyl Acetate (T)

2.391min (-0.003) 0.46 ug/L m

response 2173

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	23.10	15.51#
0.00	0.00	0.00
0.00	0.00	0.00

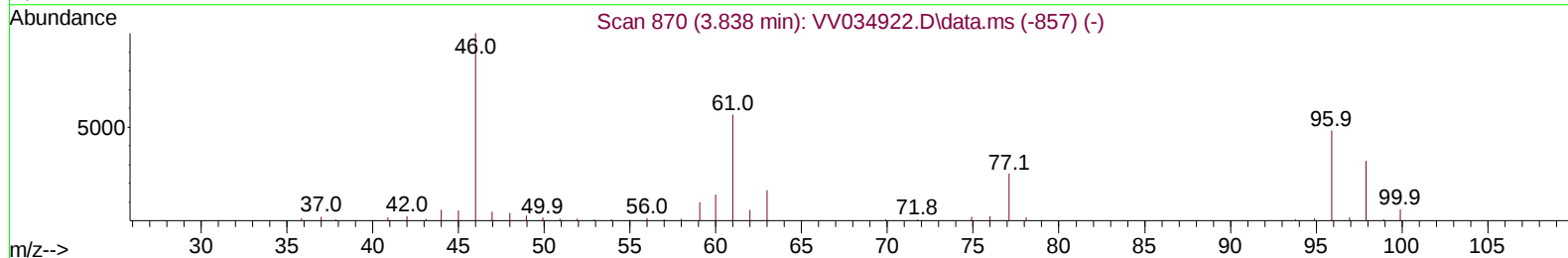
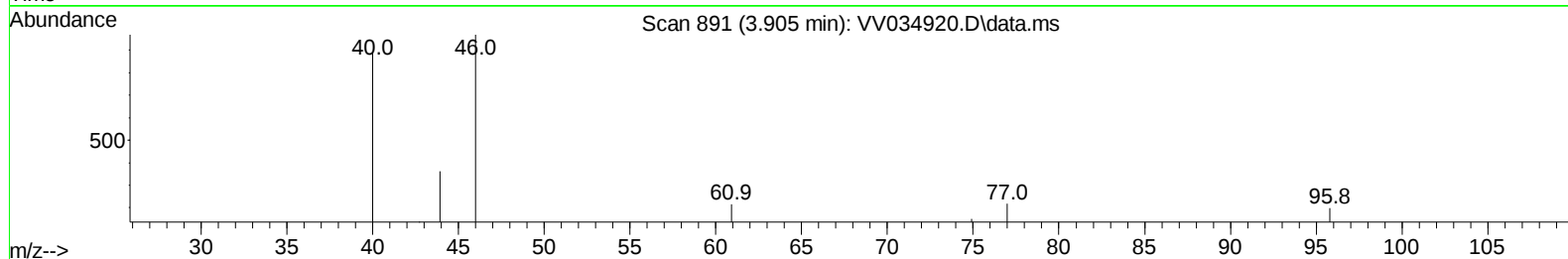
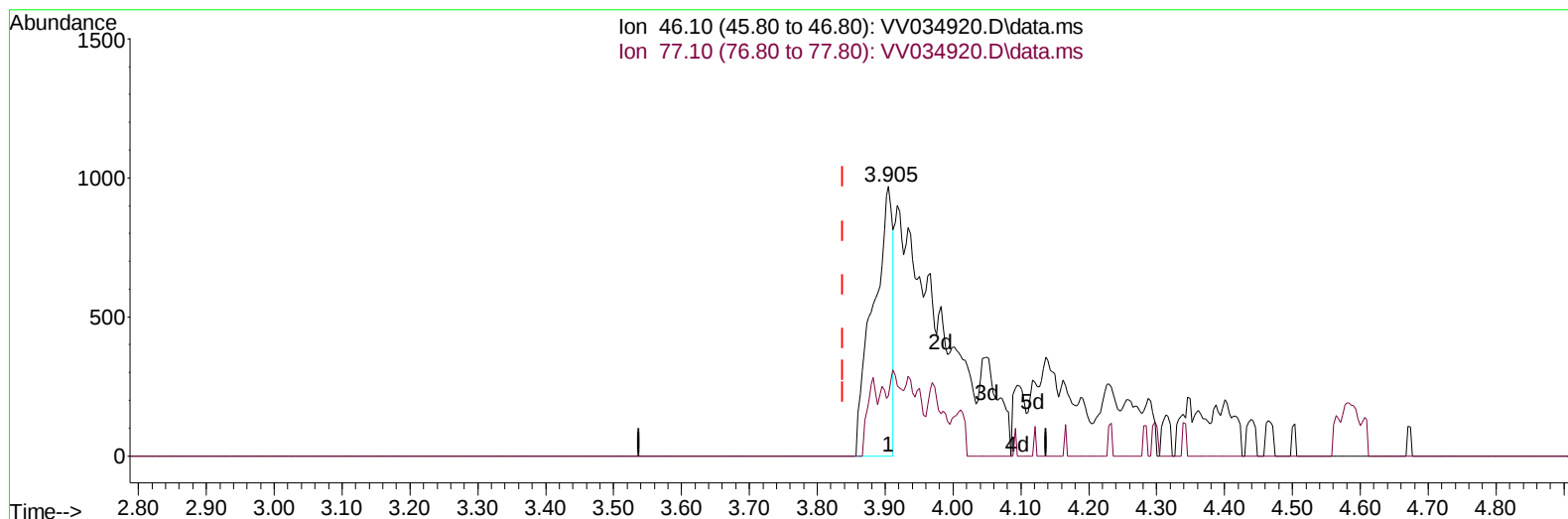
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034920.D
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ClientSampleId :
VSTD0.5246

Manual IntegrationsAPPROVED

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TIC: VV034920.D\data.ms

(20) 2-Butanone-d5 (S)**3.905min (+ 0.068) 0.83 ug/L****response 1929**

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.20	9.69#
0.00	0.00	0.00
0.00	0.00	0.00

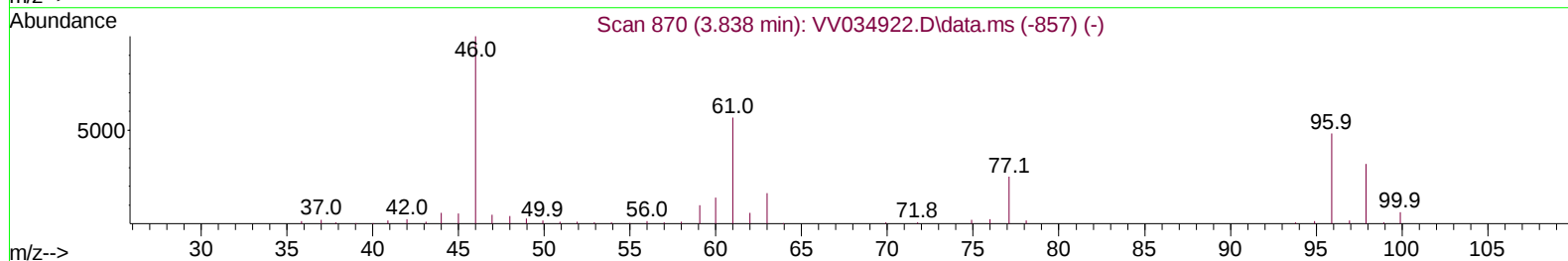
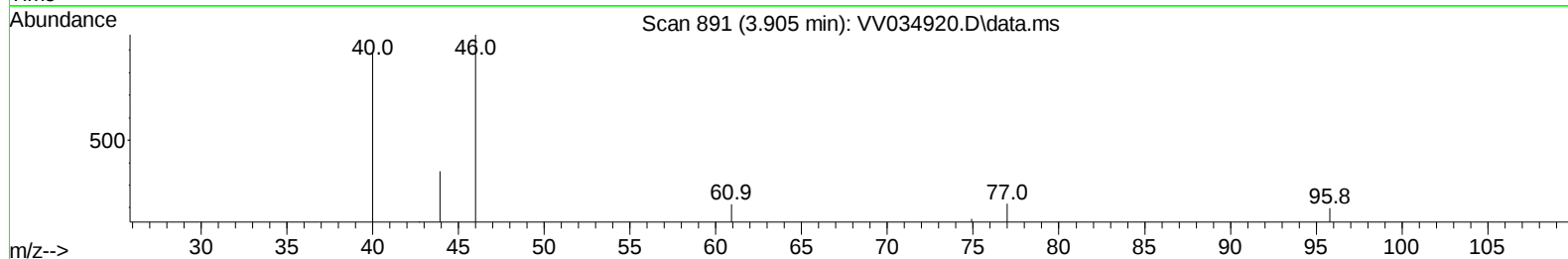
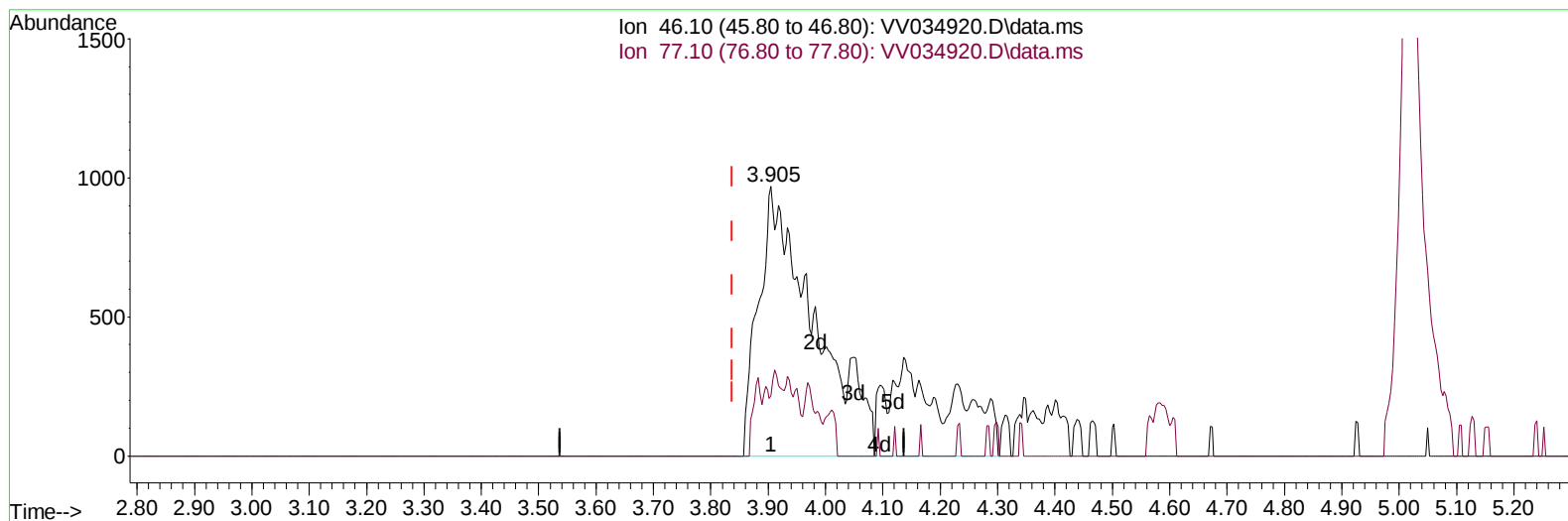
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034920.D
Acq On : 02 Apr 2024 08:59
Operator : SY/MD
Sample : VSTD0.546
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5246

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
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TIC: VV034920.D\data.ms

(20) 2-Butanone-d5 (S)

3.905min (+ 0.068) 3.94 ug/L m

response 9217

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.20	2.03#
0.00	0.00	0.00
0.00	0.00	0.00

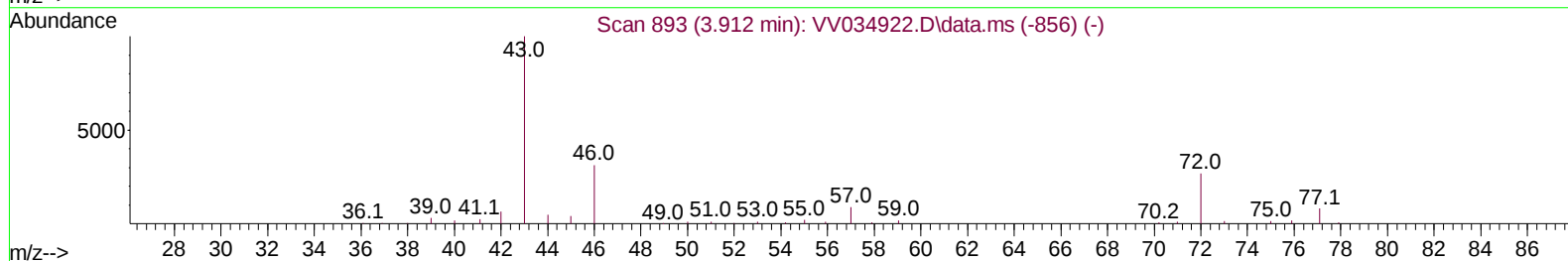
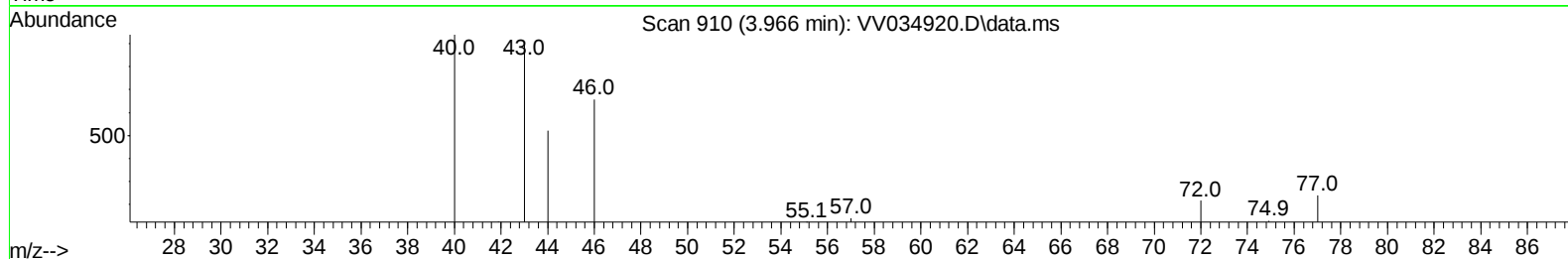
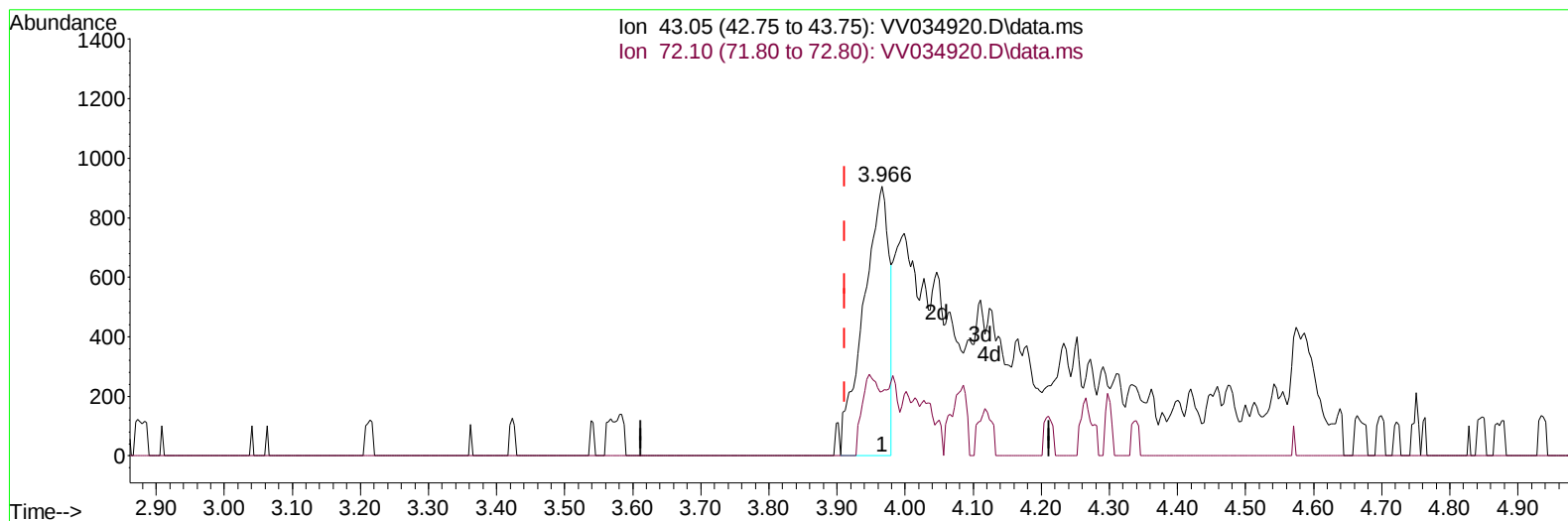
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034920.D
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Operator : SY/MD
Sample : VSTD0.546
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5246

Manual IntegrationsAPPROVED

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TIC: VV034920.D\data.ms

(21) 2-Butanone (T)

3.966min (+ 0.055) 0.85 ug/L

response 2342

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	15.00	4.78#
0.00	0.00	0.00
0.00	0.00	0.00

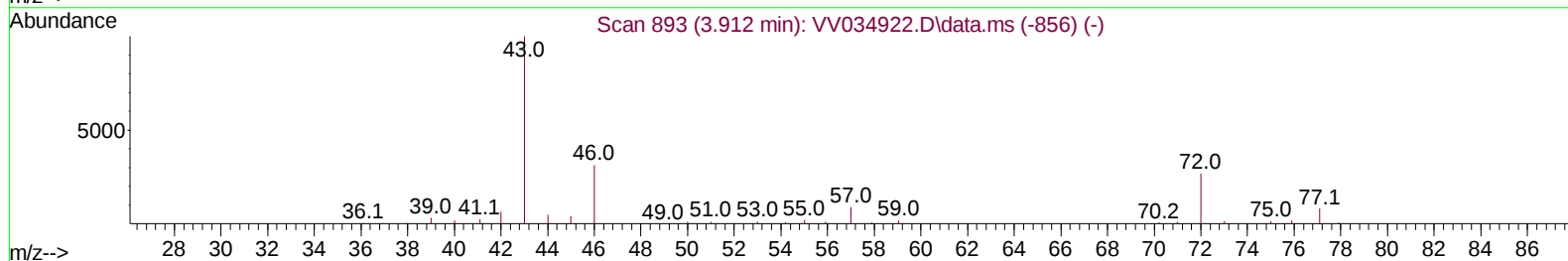
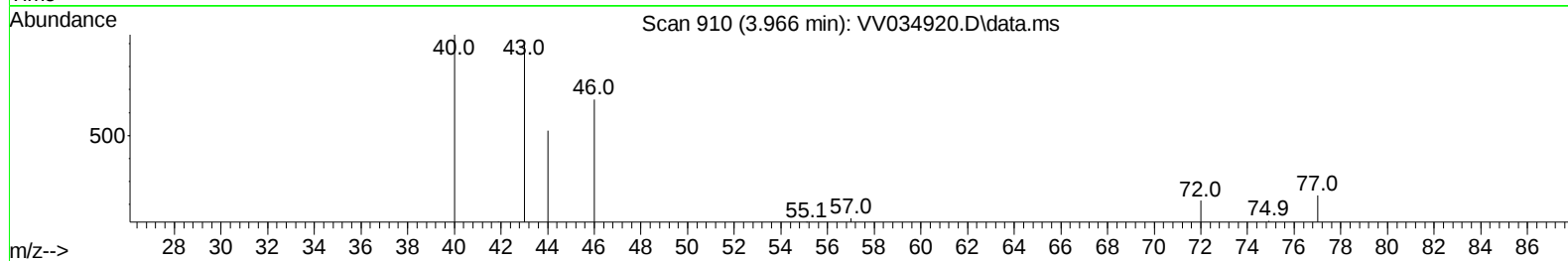
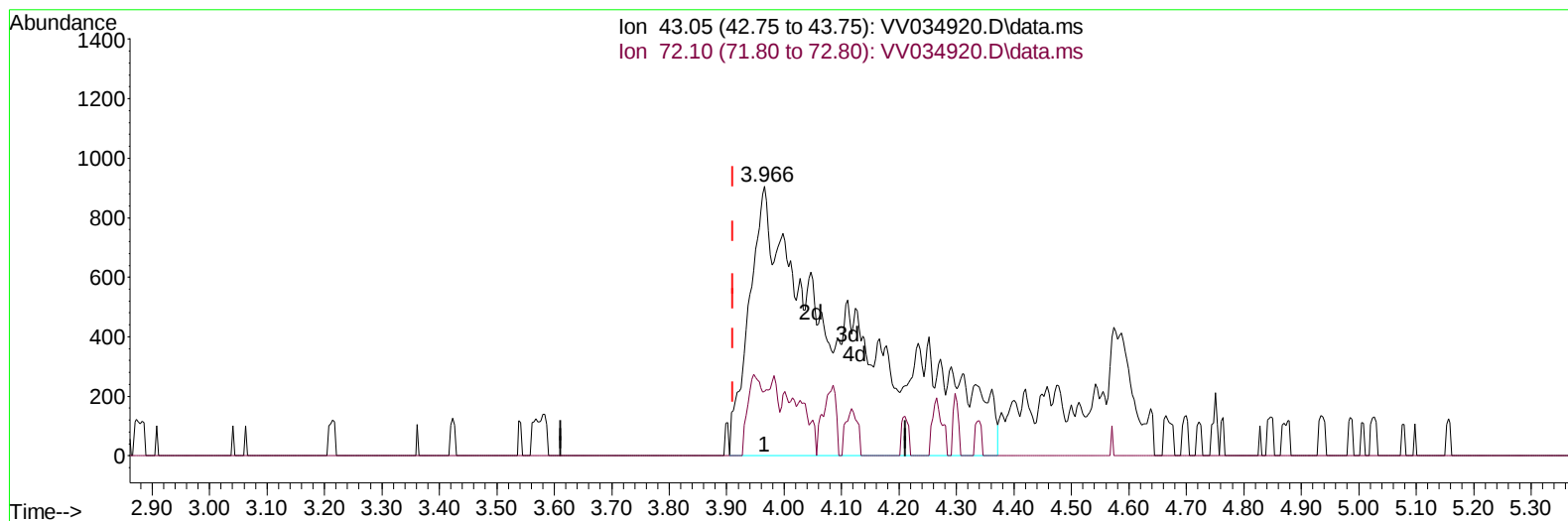
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034920.D
 Acq On : 02 Apr 2024 08:59
 Operator : SY/MD
 Sample : VSTD0.546
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5246

Manual IntegrationsAPPROVED

Quant Time: Apr 03 04:46:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024



TIC: VV034920.D\data.ms

(21) 2-Butanone (T)

3.966min (+ 0.055) 3.98 ug/L m

response 10947

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	15.00	1.02#
0.00	0.00	0.00
0.00	0.00	0.00

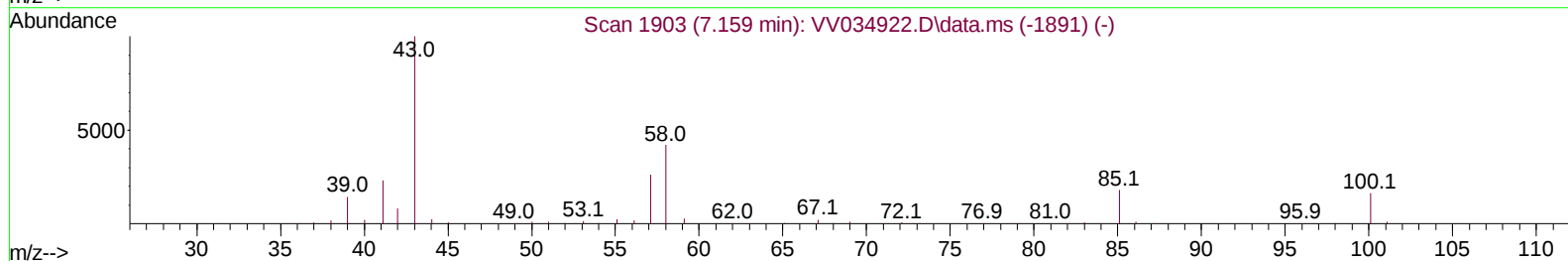
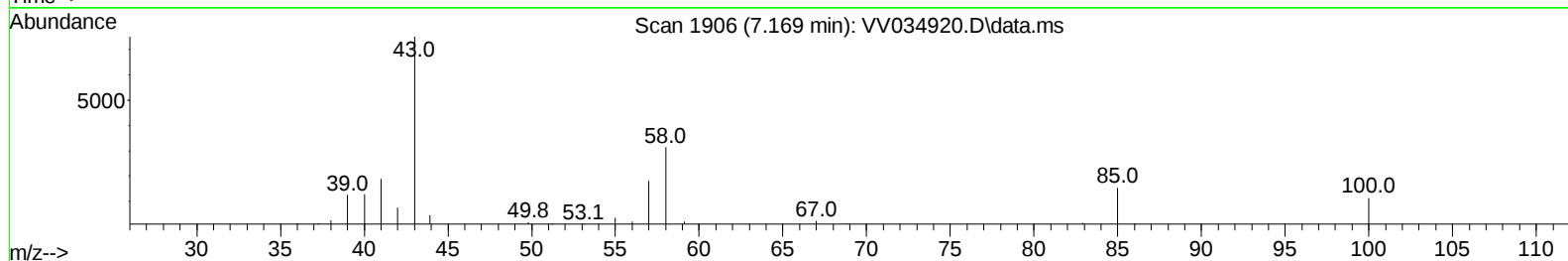
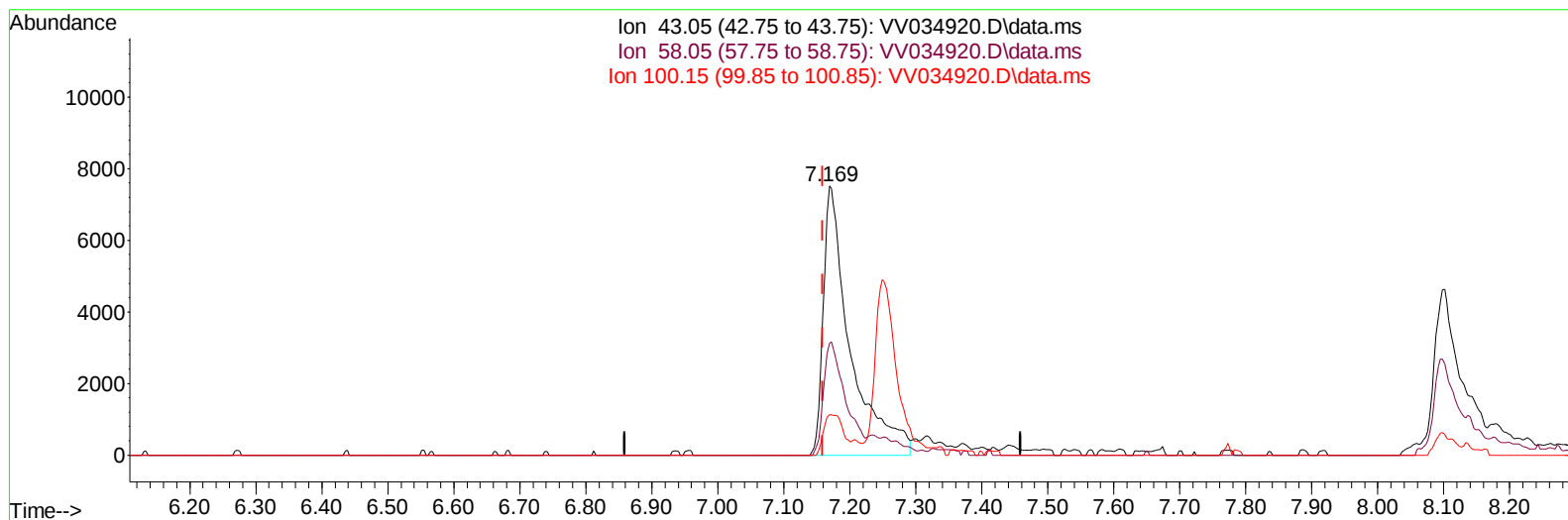
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Data File : VV034920.D
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Operator : SY/MD
Sample : VSTD0.546
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5246

Manual IntegrationsAPPROVED

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TIC: VV034920.D\data.ms

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

7.169min (+ 0.010) 3.64 ug/L

response 21163

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	42.20	34.50
100.15	14.90	10.99#
0.00	0.00	0.00

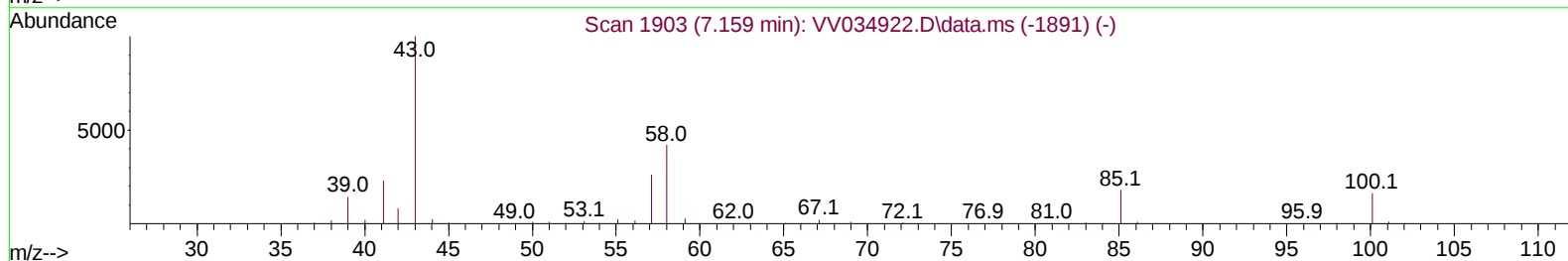
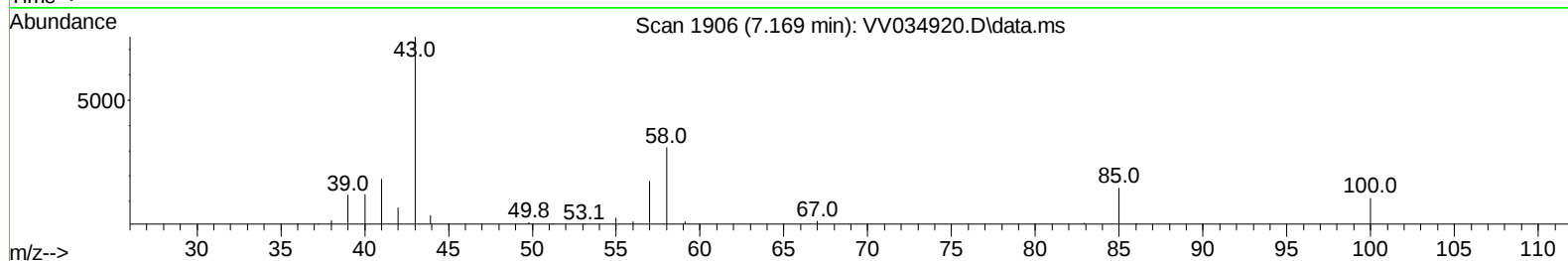
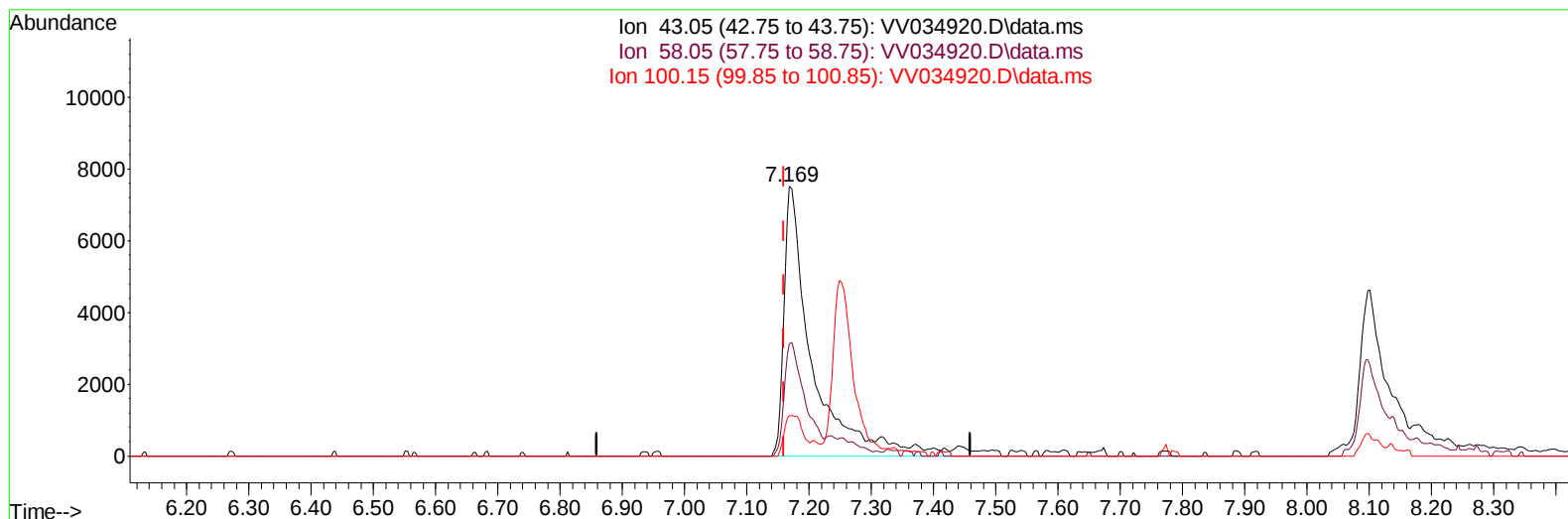
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034920.D
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5246

Manual IntegrationsAPPROVED

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QLast Update : Wed Apr 03 04:45:52 2024
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TIC: VV034920.D\data.ms

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

7.169min (+ 0.010) 4.05 ug/L m

response 23519

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	42.20	31.05#
100.15	14.90	9.89#
0.00	0.00	0.00

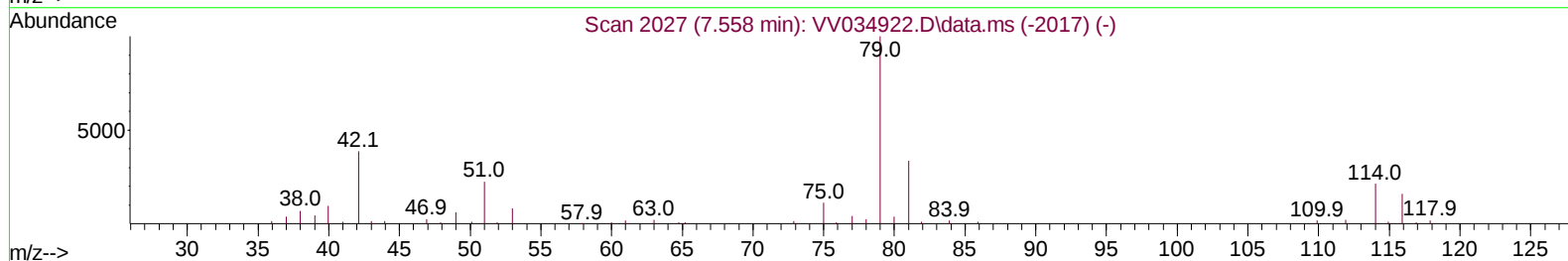
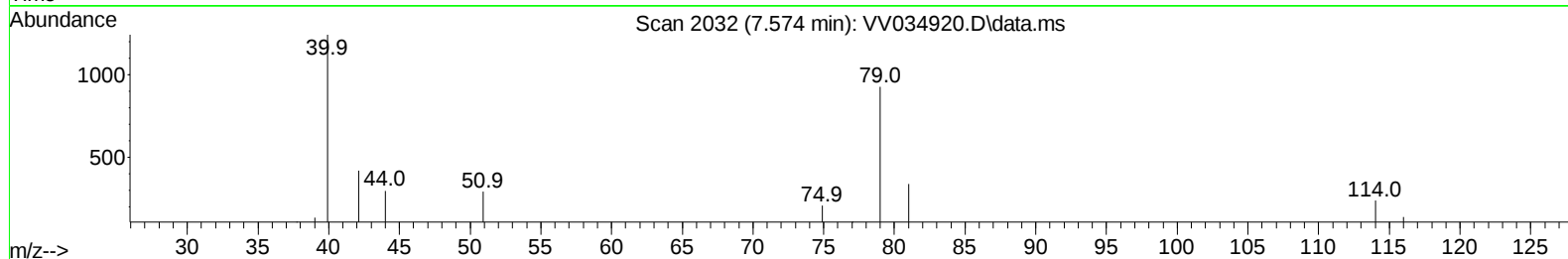
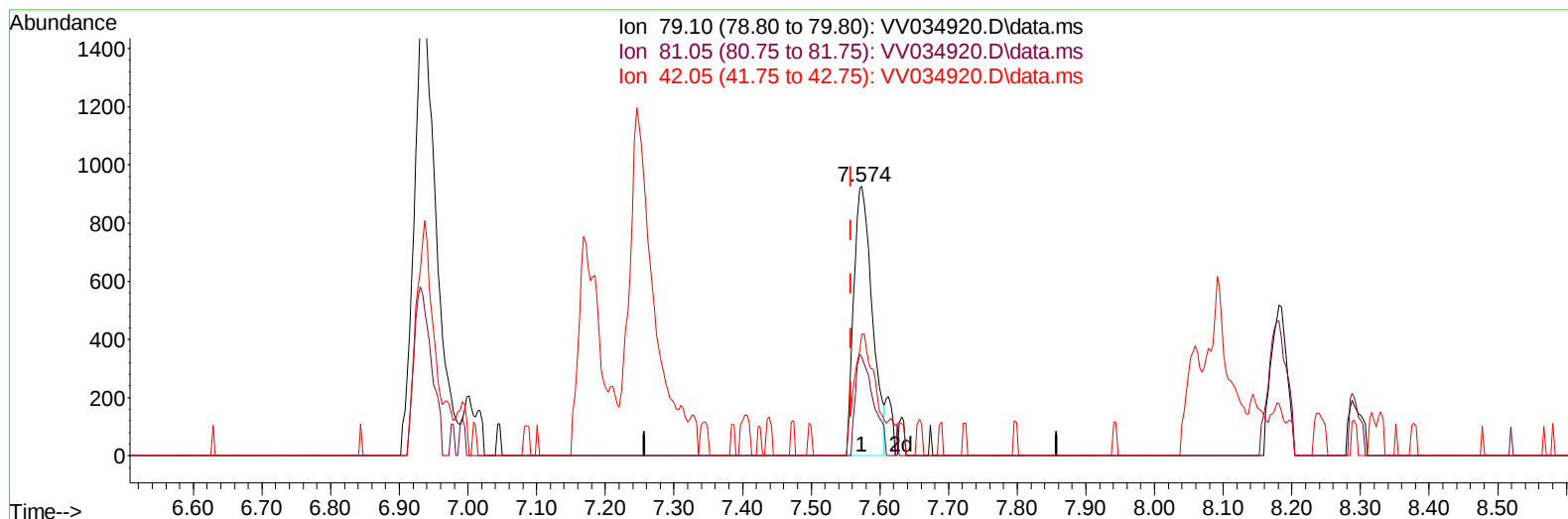
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
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Manual IntegrationsAPPROVED

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TIC: VV034920.D\data.ms

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

7.574min (+ 0.016) 0.37 ug/L

response 1730

Ion	Exp%	Act%
79.10	100.00	100.00
81.05	32.00	36.53
42.05	37.30	51.21#
0.00	0.00	0.00

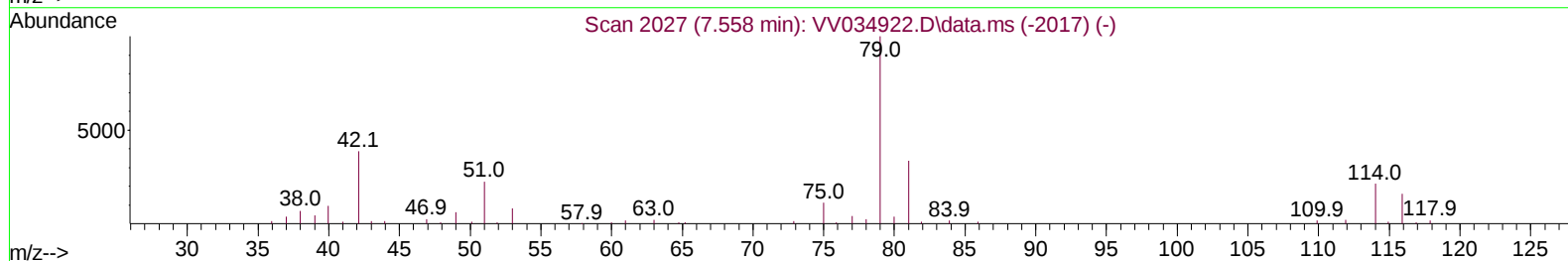
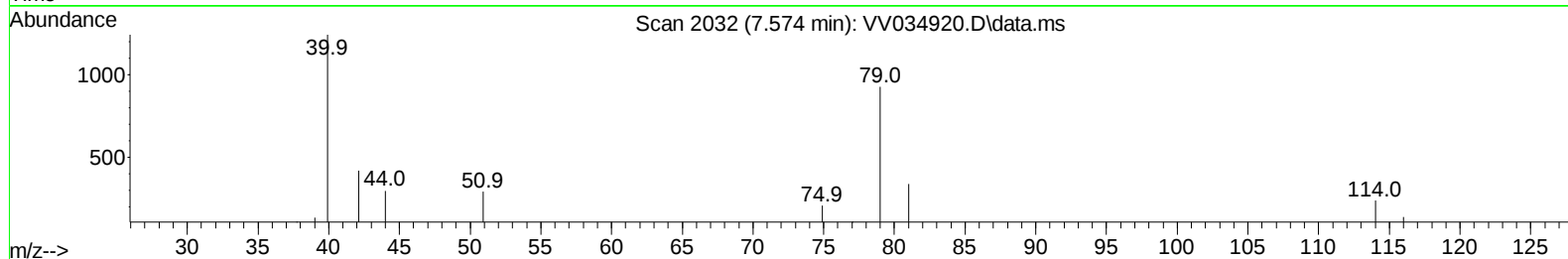
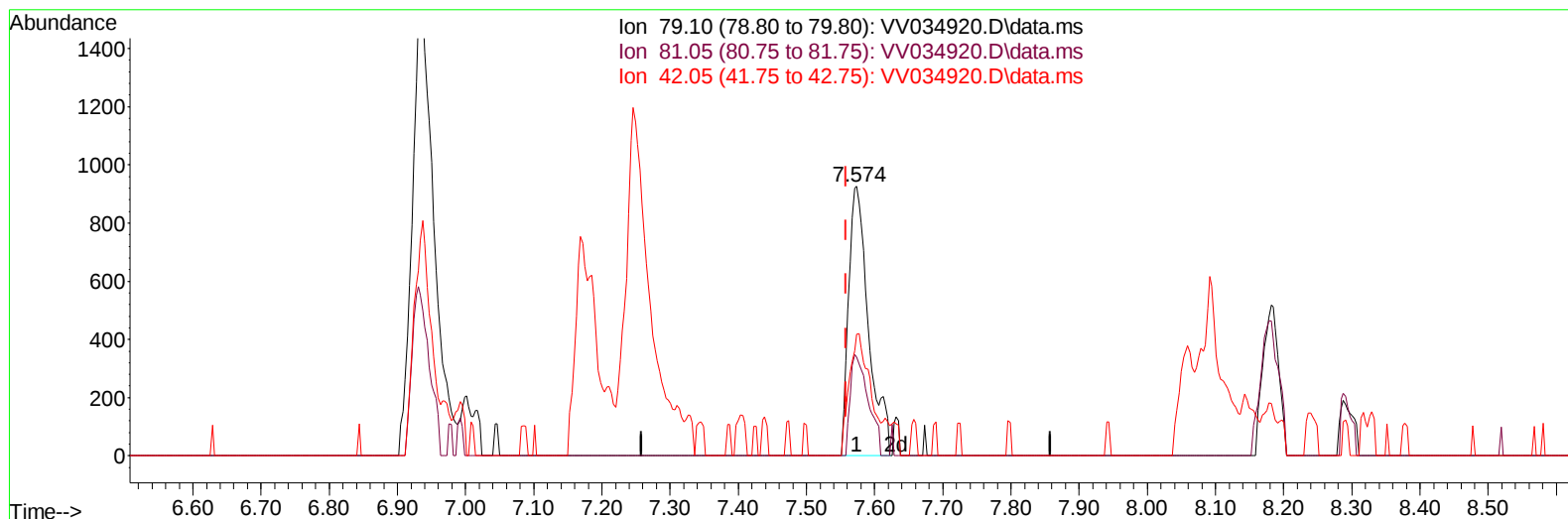
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VV034920.D\data.ms

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

7.574min (+ 0.016) 0.40 ug/L m

response 1867

Ion	Exp%	Act%
79.10	100.00	100.00
81.05	32.00	33.85
42.05	37.30	47.46
0.00	0.00	0.00

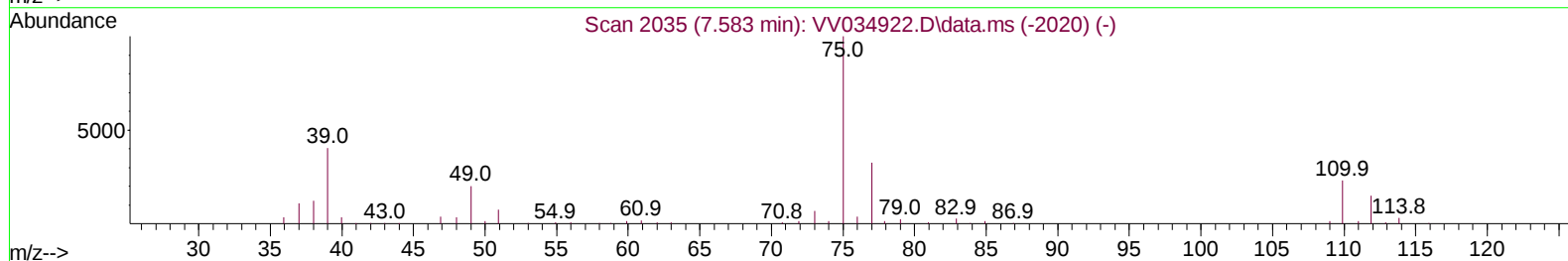
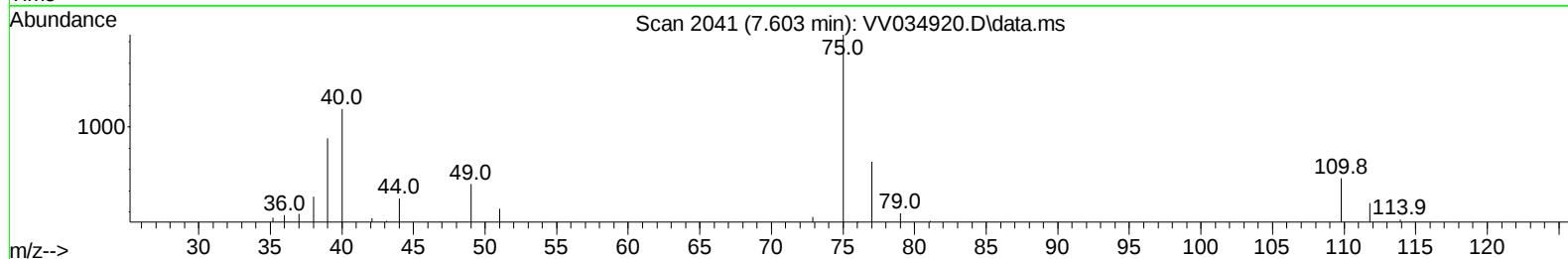
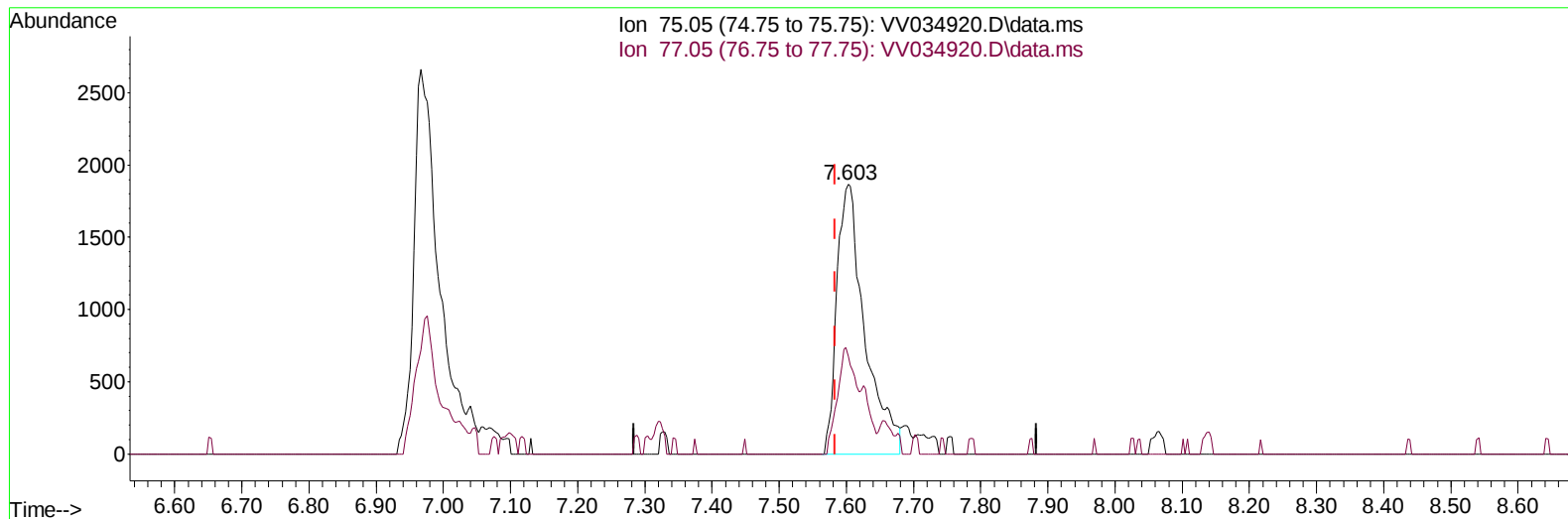
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TIC: VV034920.D\data.ms

(44) trans-1,3-Dichloropropene (T)

7.603min (+ 0.019) 0.36 ug/L

response 5375

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	32.50	36.17
0.00	0.00	0.00
0.00	0.00	0.00

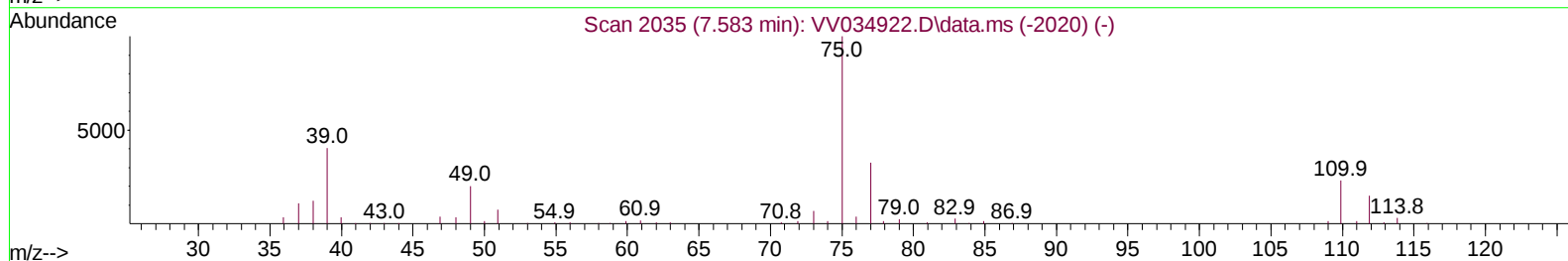
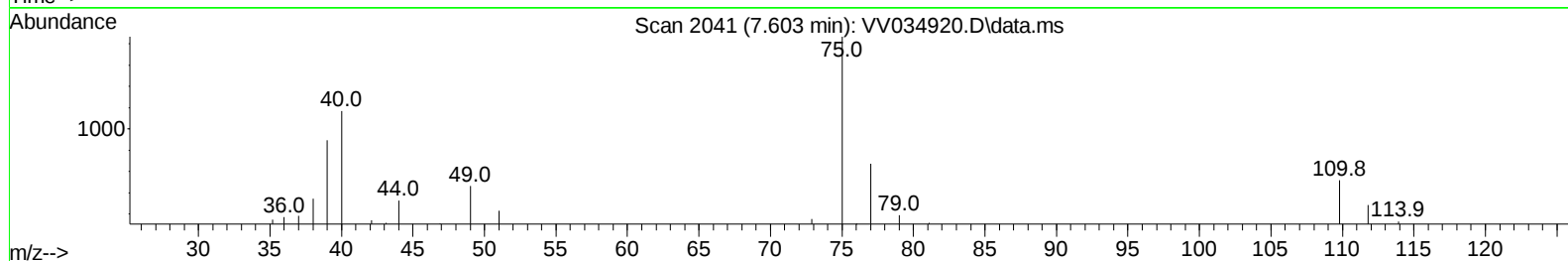
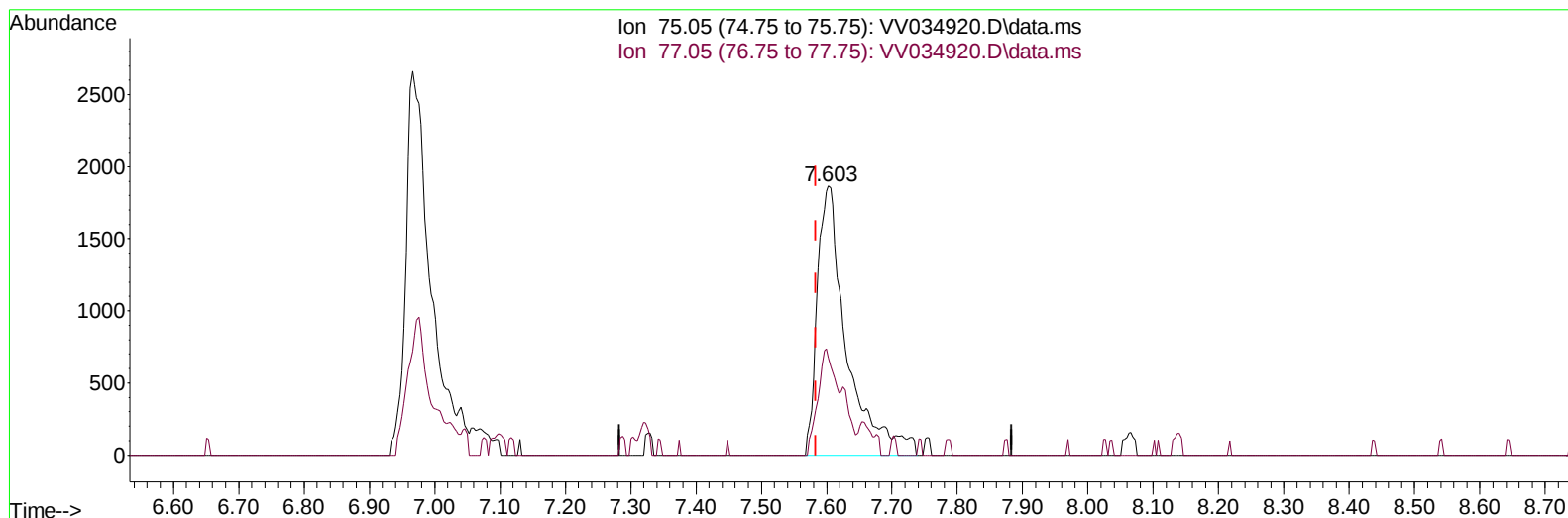
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
Data File : VV034920.D
Acq On : 02 Apr 2024 08:59
Operator : SY/MD
Sample : VSTD0.546
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5246

Manual IntegrationsAPPROVED

Quant Time: Apr 03 04:46:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 04:45:52 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



TIC: VV034920.D\data.ms

(44) trans-1,3-Dichloropropene (T)

7.603min (+ 0.019) 0.39 ug/L m

response 5823

Ion	Exp%	Act%
75.05	100.00	100.00
77.05	32.50	36.17
0.00	0.00	0.00
0.00	0.00	0.00

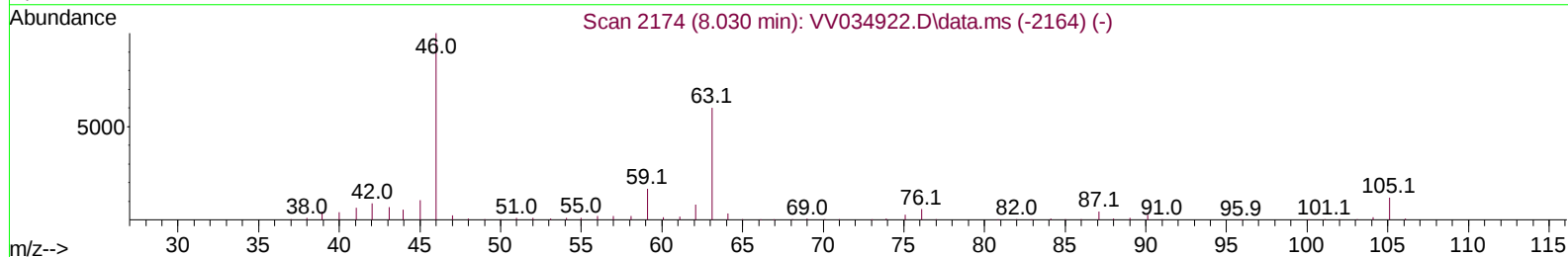
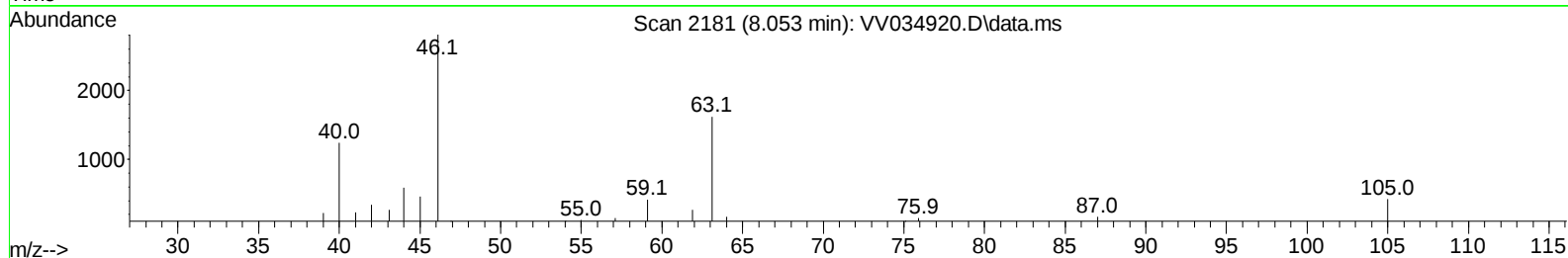
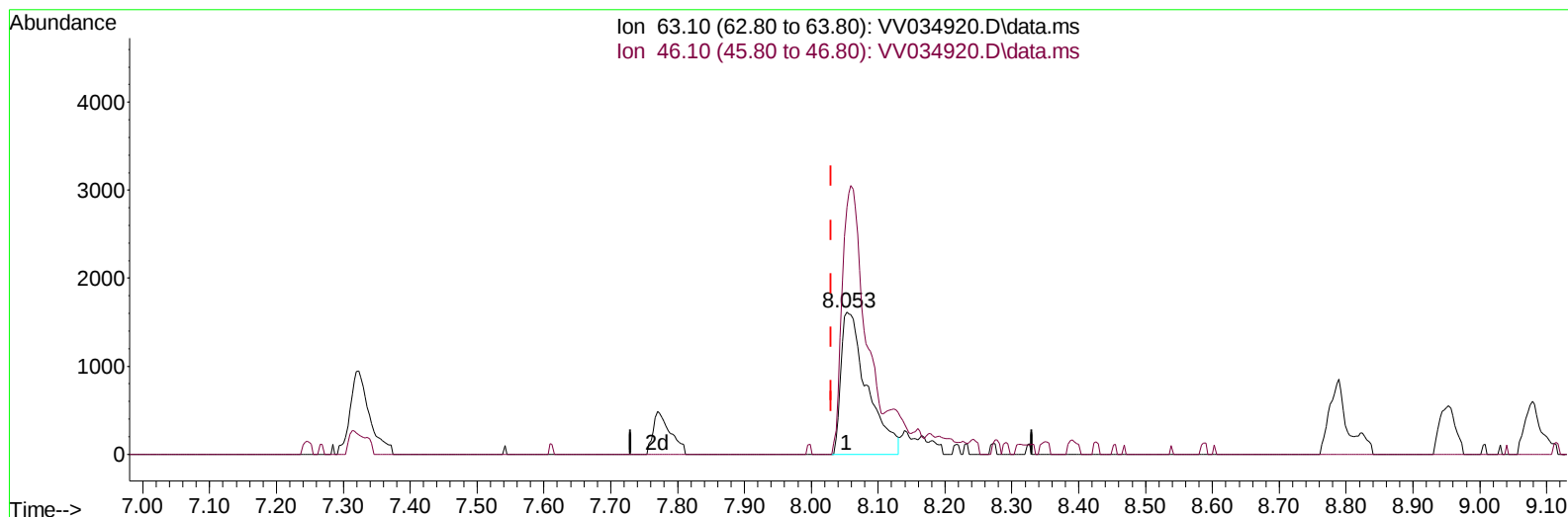
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034920.D
 Acq On : 02 Apr 2024 08:59
 Operator : SY/MD
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Manual IntegrationsAPPROVED

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TIC: VV034920.D\data.ms

(46) 2-Hexanone-d5 (S)

8.053min (+ 0.023) 2.73 ug/L

response 4375

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	170.30	163.95
0.00	0.00	0.00
0.00	0.00	0.00

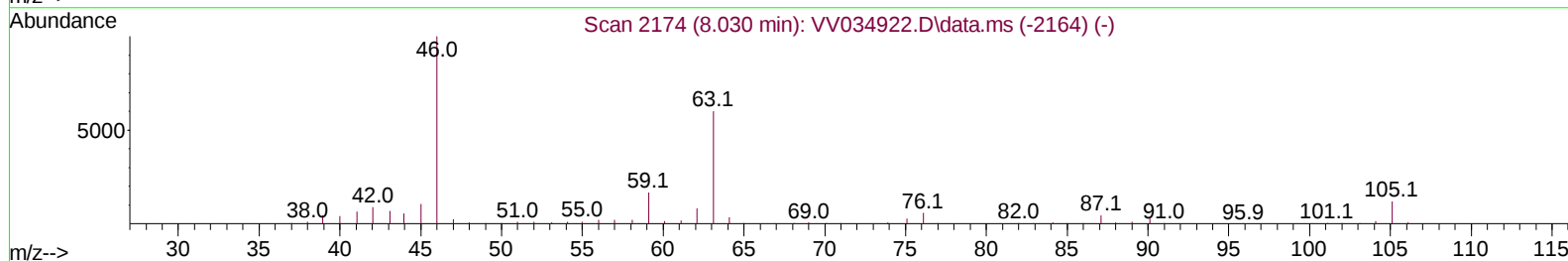
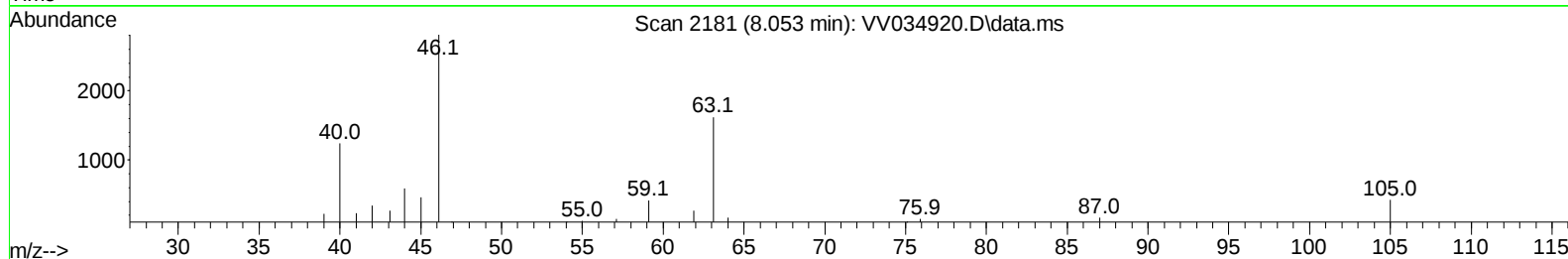
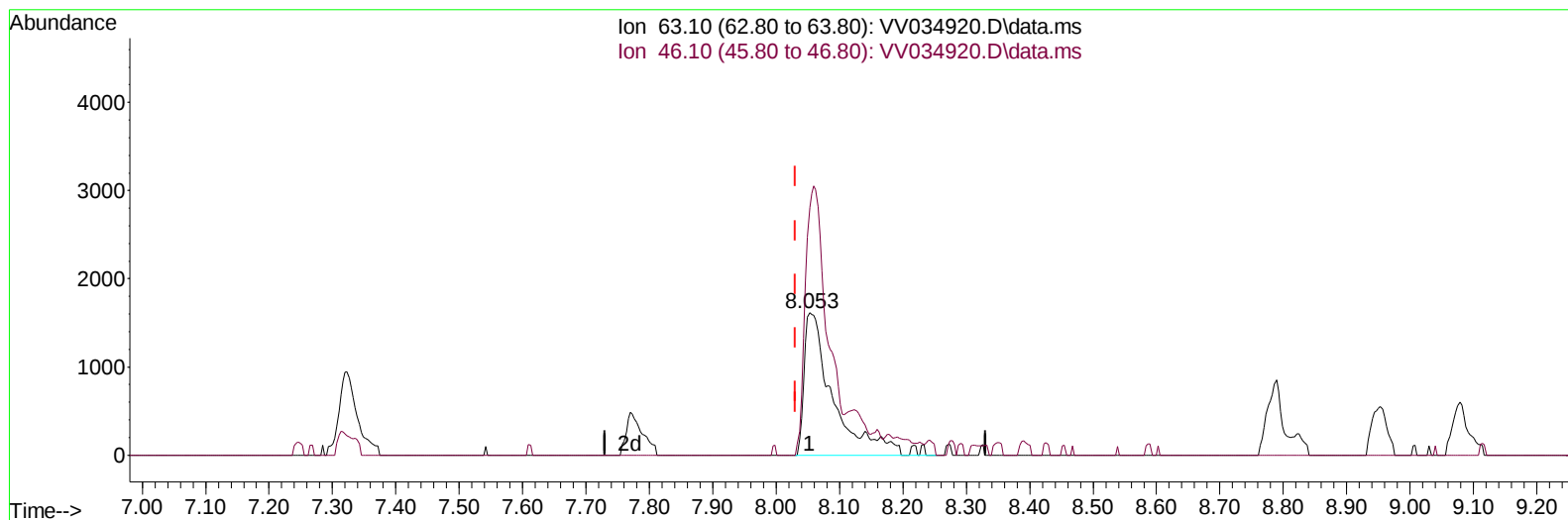
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034920.D
 Acq On : 02 Apr 2024 08:59
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Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VV034920.D\data.ms

(46) 2-Hexanone-d5 (S)

8.053min (+ 0.023) 3.21 ug/L m

response 5143

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	170.30	139.47
0.00	0.00	0.00
0.00	0.00	0.00

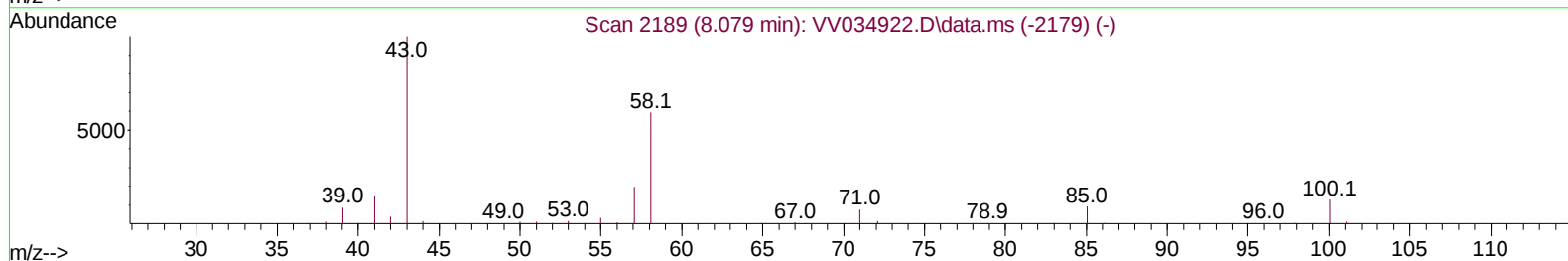
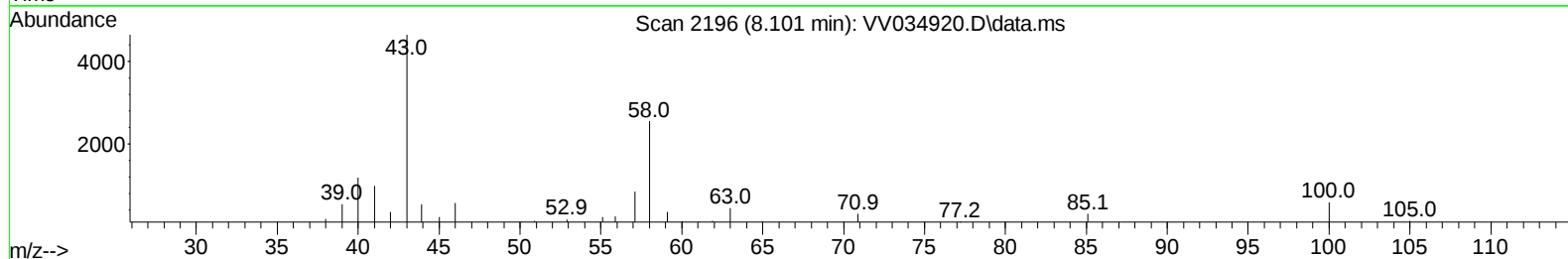
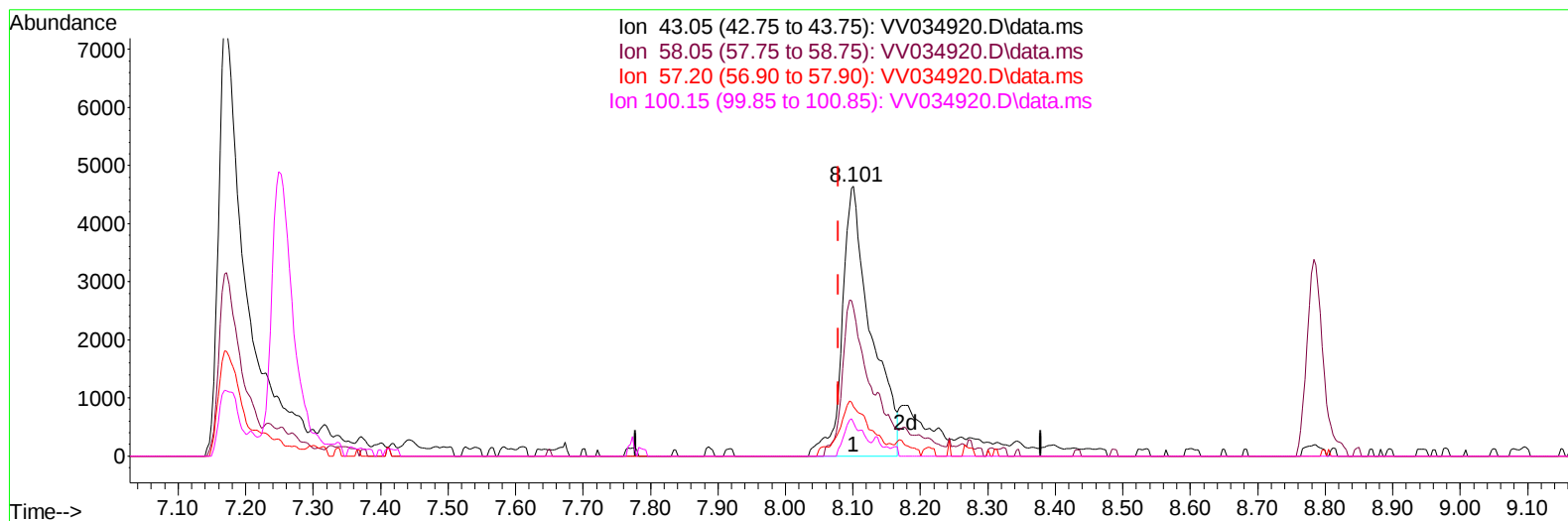
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
 Data File : VV034920.D
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 Operator : SY/MD
 Sample : VSTD0.546
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5246

Manual IntegrationsAPPROVED

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 QLast Update : Wed Apr 03 04:45:52 2024
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Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024



TIC: VV034920.D\data.ms

(48) 2-Hexanone (T)

8.101min (+ 0.023) 3.02 ug/L

response 13671

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	60.30	56.84
57.20	19.50	20.95
100.15	12.60	8.92#

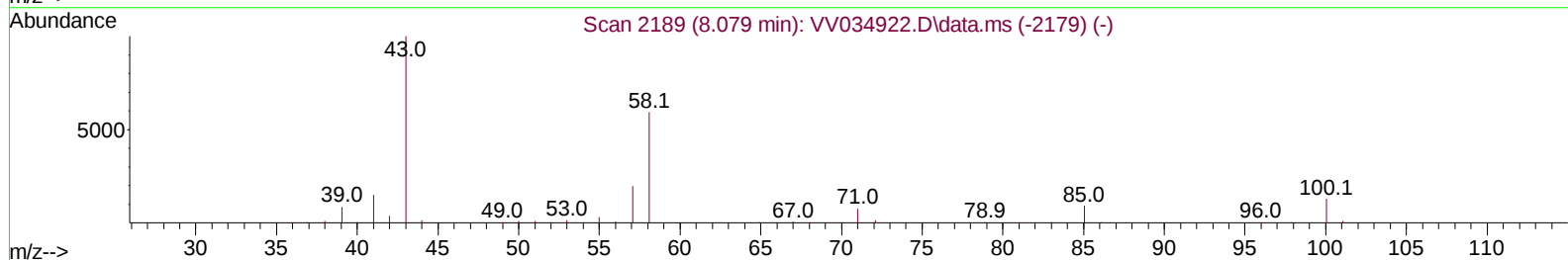
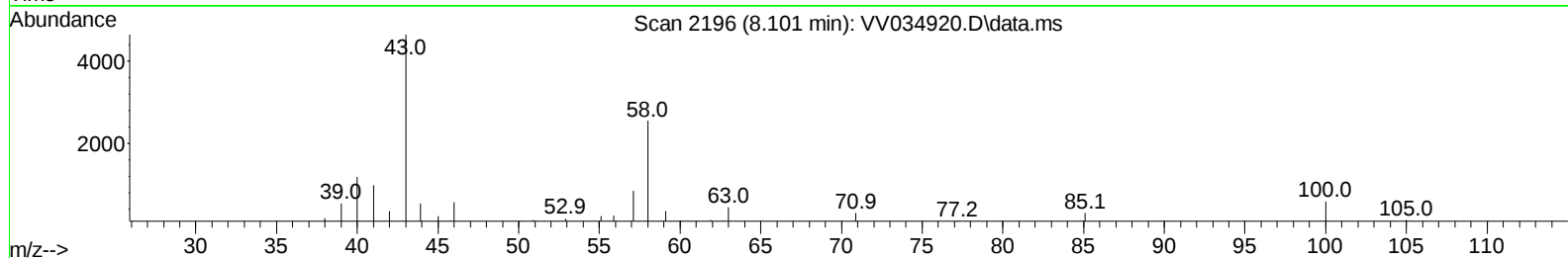
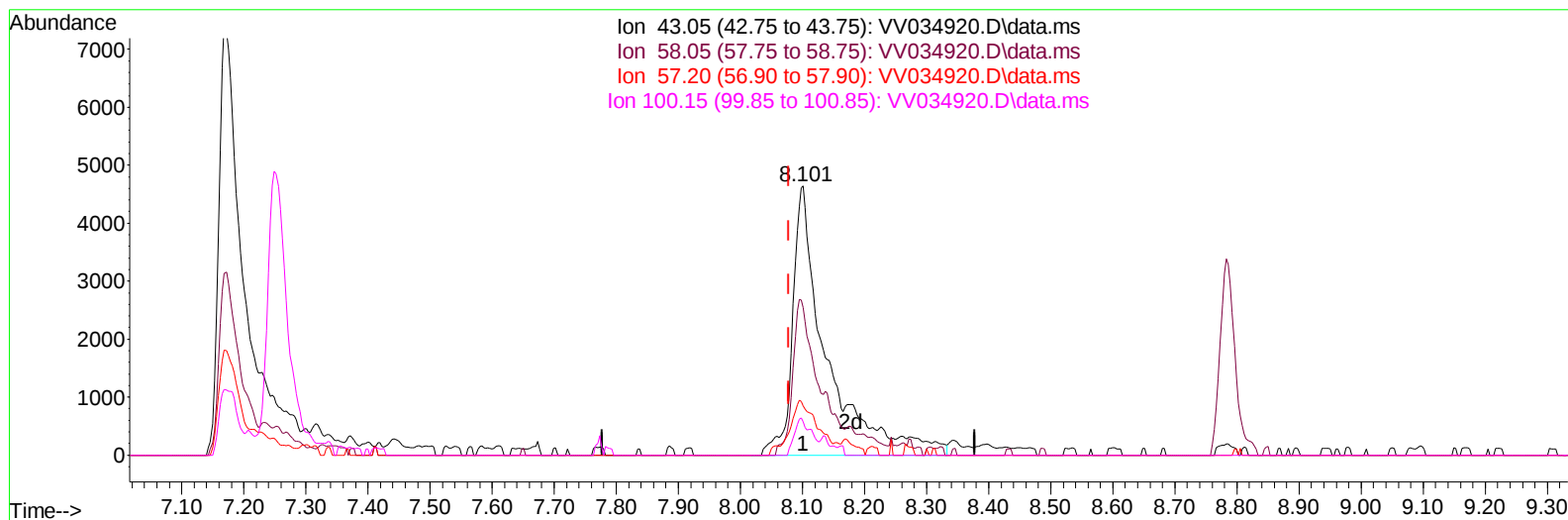
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
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Manual IntegrationsAPPROVED

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 03 04:45:52 2024
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Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024



TIC: VV034920.D\data.ms

(48) 2-Hexanone (T)

8.101min (+ 0.023) 3.90 ug/L m

response 17690

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	60.30	43.92#
57.20	19.50	16.19
100.15	12.60	6.89#

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040224\
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Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 04/05/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	181170	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	171061	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	75642	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	6775	0.454	ug/L	0.00
7) Chloroethane-d5	1.532	69	5803	0.471	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	3288	0.485	ug/L	0.00
20) 2-Butanone-d5	3.905	46	9217m	3.945	ug/L	0.07
24) Chloroform-d	4.252	84	11097	0.459	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	4755	0.436	ug/L	0.01
32) Benzene-d6	4.969	84	19543	0.437	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5521	0.420	ug/L	0.00
41) Toluene-d8	7.249	98	16951	0.417	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	1867m	0.400	ug/L	0.02
46) 2-Hexanone-d5	8.053	63	5143m	3.212	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.156	84	3905	0.426	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	6005	0.504	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	6200	0.445	ug/L	97
3) Chloromethane	1.214	50	7977	0.472	ug/L	98
5) Vinyl chloride	1.281	62	8082	0.447	ug/L	98
6) Bromomethane	1.487	94	4819	0.467	ug/L	99
8) Chloroethane	1.552	64	5294	0.455	ug/L	95
9) Trichlorofluoromethane	1.712	101	10881	0.453	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	6545	0.444	ug/L	98
12) 1,1-Dichloroethene	2.069	96	6141	0.446	ug/L	98
13) Acetone	2.130	43	8751m	5.135	ug/L	
14) Carbon disulfide	2.240	76	19185	0.468	ug/L	98
15) Methyl Acetate	2.391	43	2173m	0.462	ug/L	
16) Methylene chloride	2.445	84	7556	0.501	ug/L	97
17) Methyl tert-butyl Ether	2.703	73	12107	0.409	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	6215	0.456	ug/L	98
19) 1,1-Dichloroethane	3.114	63	11433	0.425	ug/L	100
21) 2-Butanone	3.966	43	10947m	3.978	ug/L	
22) cis-1,2-Dichloroethene	3.834	96	5733	0.402	ug/L	96
23) Bromochloromethane	4.159	128	2475	0.413	ug/L	94
25) Chloroform	4.281	83	12176	0.456	ug/L	93
27) 1,2-Dichloroethane	5.063	62	6365	0.423	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	10072	0.480	ug/L	96
30) Cyclohexane	4.574	56	8129	0.421	ug/L	95
31) Carbon tetrachloride	4.735	117	7842	0.437	ug/L	94
33) Benzene	5.018	78	23027	0.440	ug/L	100
34) Trichloroethene	5.844	95	6219	0.456	ug/L	94
35) Methylcyclohexane	6.047	83	8977	0.432	ug/L	98
37) 1,2-Dichloropropane	6.104	63	6339	0.467	ug/L #	90
38) Bromodichloromethane	6.439	83	7496	0.438	ug/L #	88
39) cis-1,3-Dichloropropene	6.966	75	6759	0.371	ug/L	95
40) 4-Methyl-2-pentanone	7.169	43	23519m	4.050	ug/L	
42) Toluene	7.323	91	21883	0.398	ug/L	99

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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5246

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
 Supervised By :Semsettin Yesilyurt 04/05/2024

Quant Time: Apr 03 04:46:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 04:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.603	75	5823m	0.385	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	3644	0.408	ug/L	87
47) Tetrachloroethene	7.911	164	4687	0.457	ug/L	95
48) 2-Hexanone	8.101	43	17690m	3.903	ug/L	
49) Dibromochloromethane	8.181	129	4215	0.401	ug/L	97
50) 1,2-Dibromoethane	8.291	107	3255	0.388	ug/L #	90
51) Chlorobenzene	8.815	112	15564	0.438	ug/L	98
52) Ethylbenzene	8.950	91	23165	0.390	ug/L	95
53) m,p-Xylene	9.082	106	8328	0.381	ug/L	89
54) o-Xylene	9.480	106	8146	0.380	ug/L	97
55) Styrene	9.506	104	11671	0.339	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.178	83	4371	0.410	ug/L	96
59) Bromoform	9.667	173	1956	0.416	ug/L #	89
60) Isopropylbenzene	9.870	105	19177	0.406	ug/L	97
61) 1,2,3-Trichloropropane	10.214	75	3478	0.493	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	15738	0.405	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	14996	0.381	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	10821	0.448	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	11772	0.487	ug/L	95
67) 1,2-Dichlorobenzene	11.583	146	10455	0.469	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.368	75	633	0.436	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	8093	0.447	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	5469	0.389	ug/L	93
71) Naphthalene	13.448	128	8235	0.416	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	4779	0.386	ug/L	96

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

Instrument :
MSVOA_V
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