

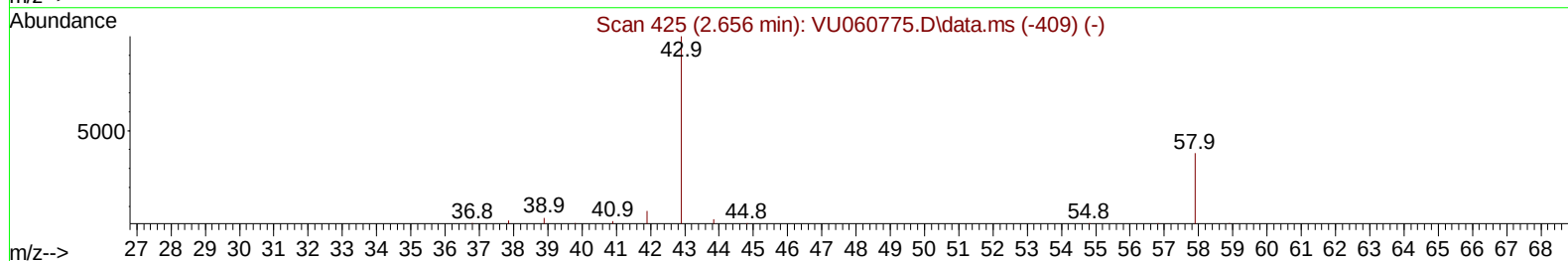
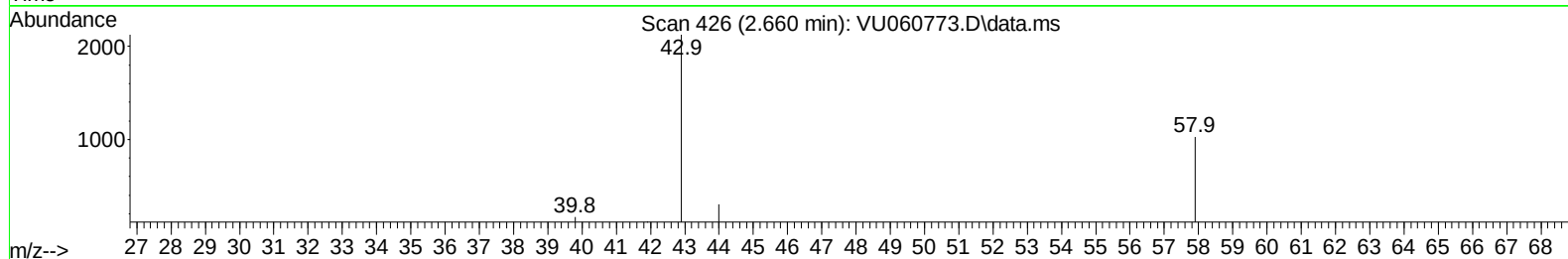
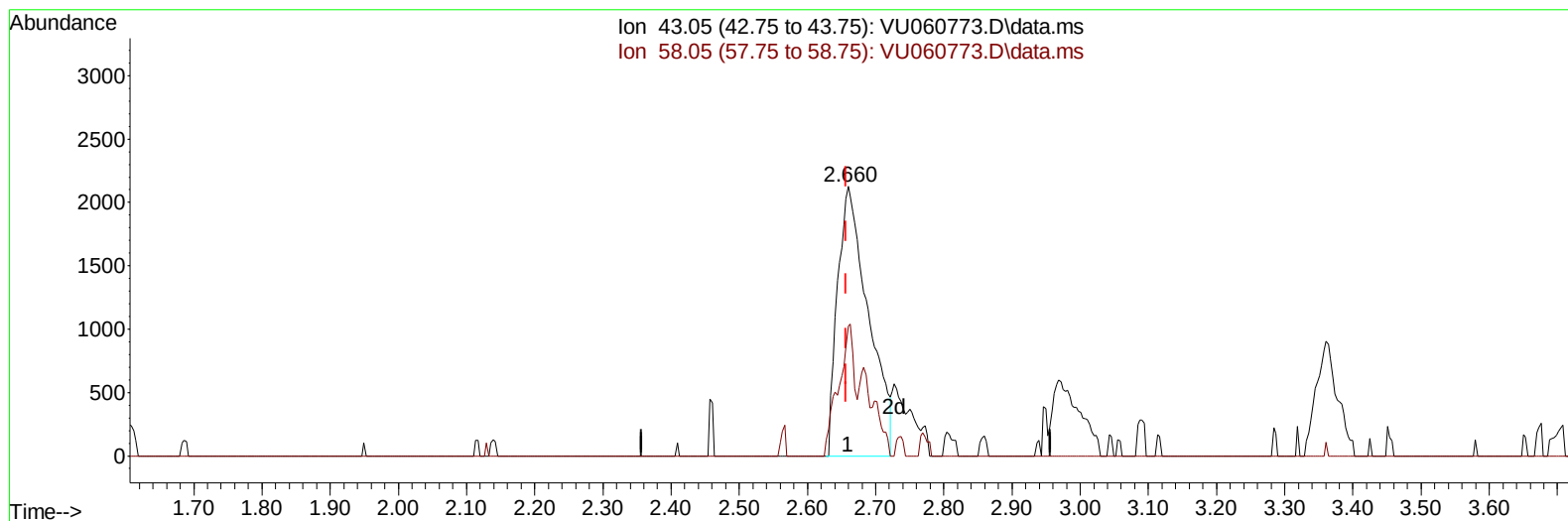
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060773.D
Acq On : 16 Sep 2024 10:50
Operator : MD/SY
Sample : VSTD0.518
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5018

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
Supervised By :Semsettin Yesilyurt 09/18/2024

Quant Time: Sep 17 01:10:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 01:09:32 2024
Response via : Initial Calibration



TIC: VU060773.D\data.ms

(13) Acetone (T)

2.660min (+ 0.003) 4.40 ug/L

response 6615

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	34.80	25.46
0.00	0.00	0.00
0.00	0.00	0.00

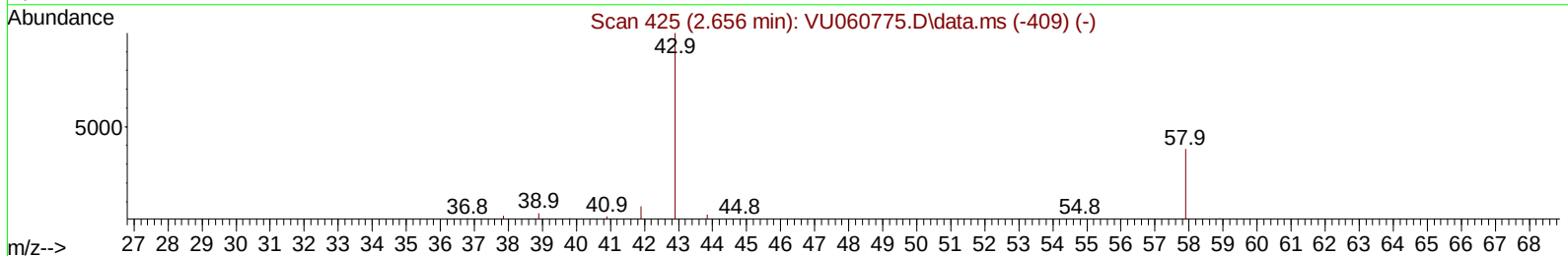
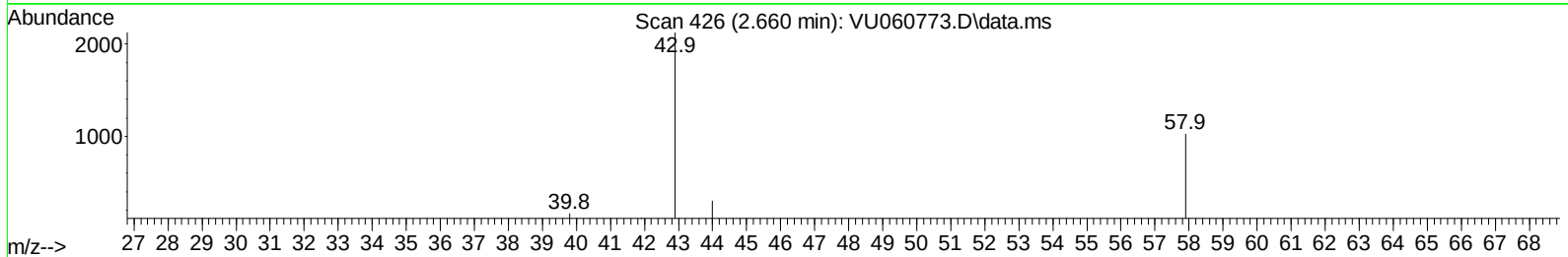
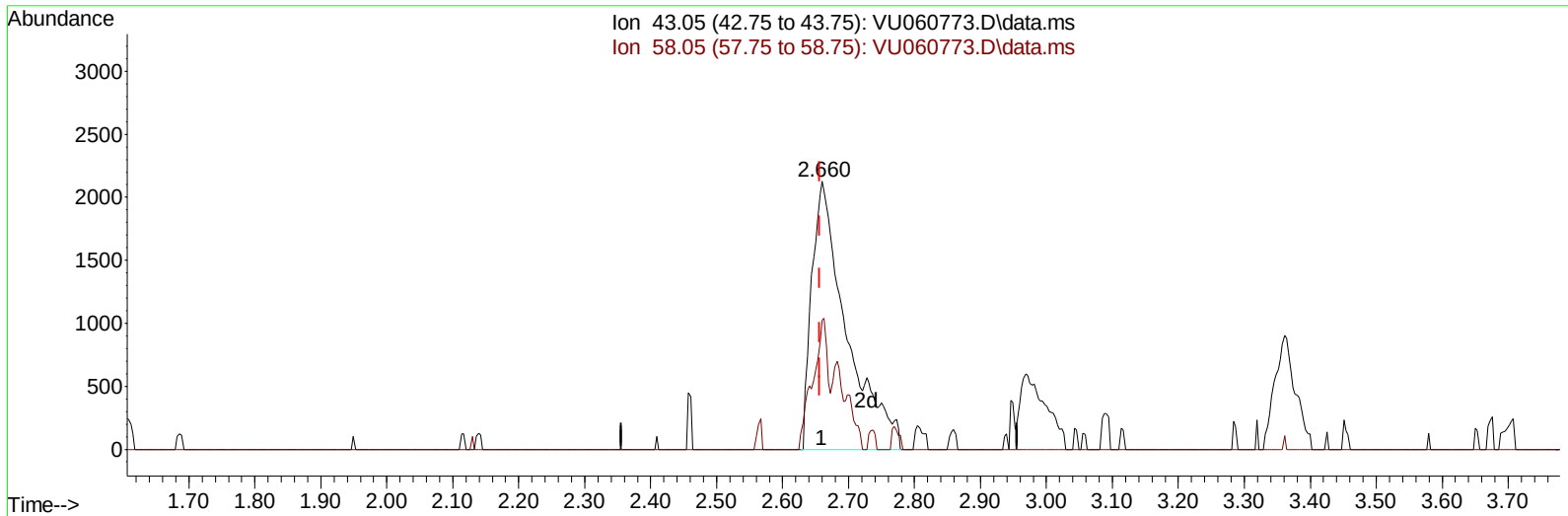
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060773.D
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Quant Title : TRACE VOA SFAM1.0
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TIC: VU060773.D\data.ms

(13) Acetone (T)

2.660min (+ 0.003) 5.15 ug/L m

response 7744

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	34.80	21.75
0.00	0.00	0.00
0.00	0.00	0.00

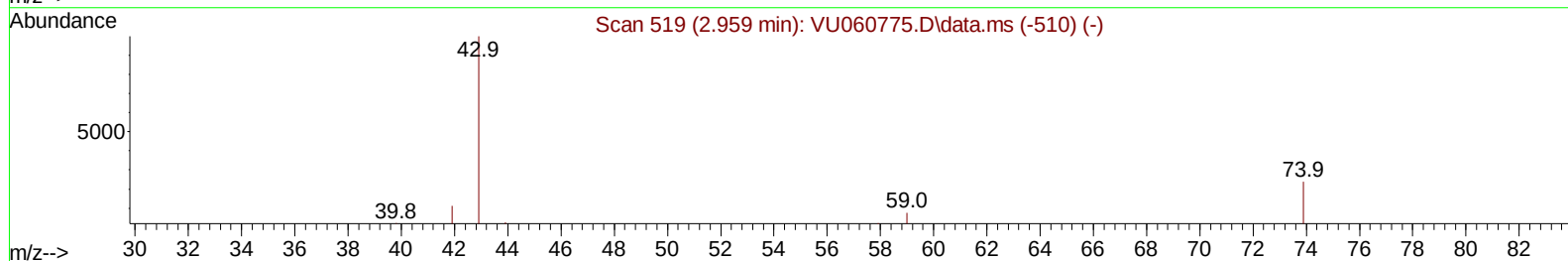
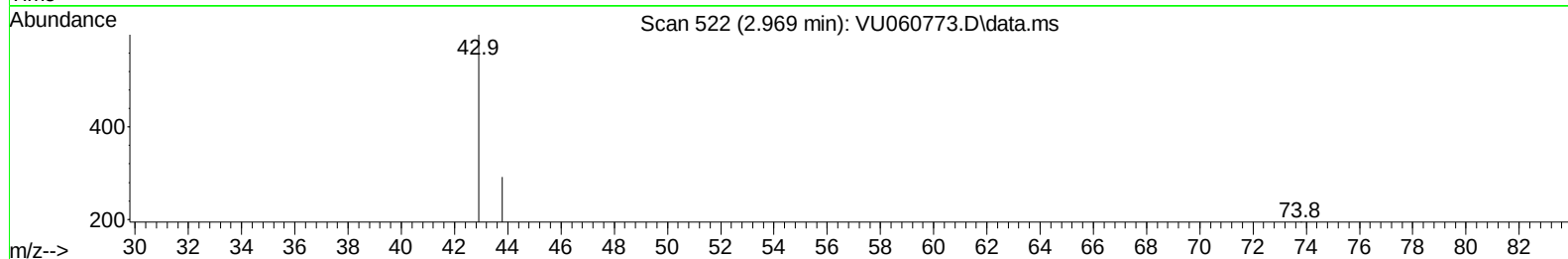
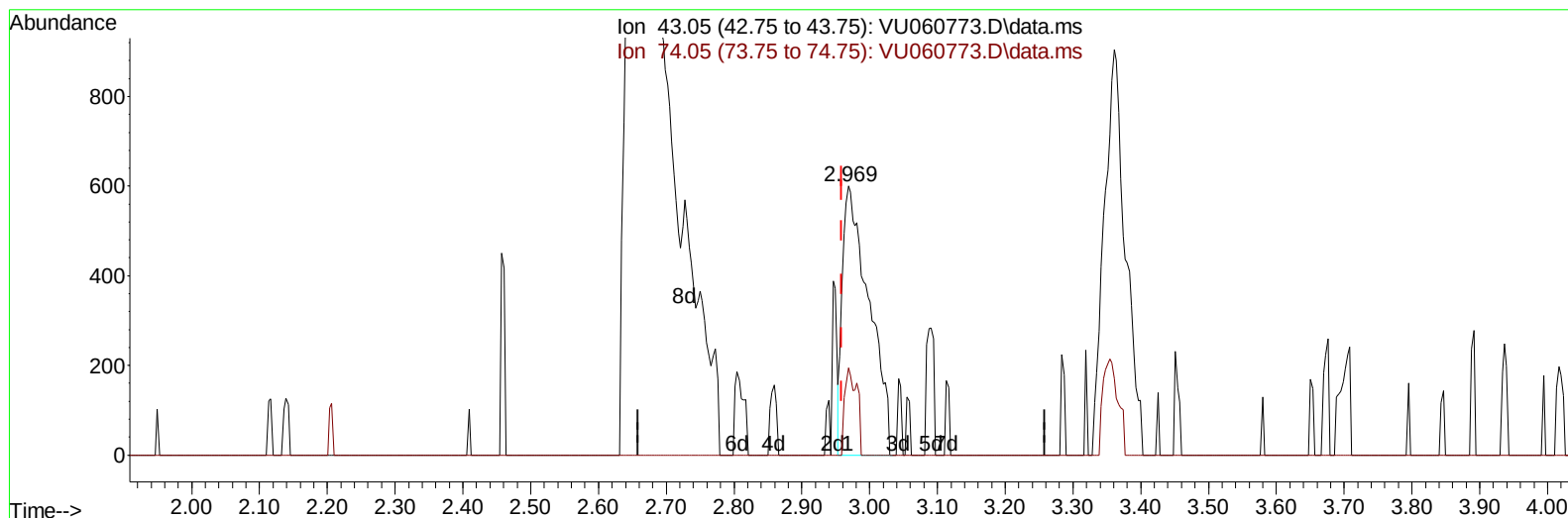
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060773.D
Acq On : 16 Sep 2024 10:50
Operator : MD/SY
Sample : VSTD0.518
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5018

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 01:09:32 2024
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TIC: VU060773.D\data.ms

(15) Methyl Acetate (T)

2.969min (+ 0.010) 0.43 ug/L

response 1635

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	23.60	14.68#
0.00	0.00	0.00
0.00	0.00	0.00

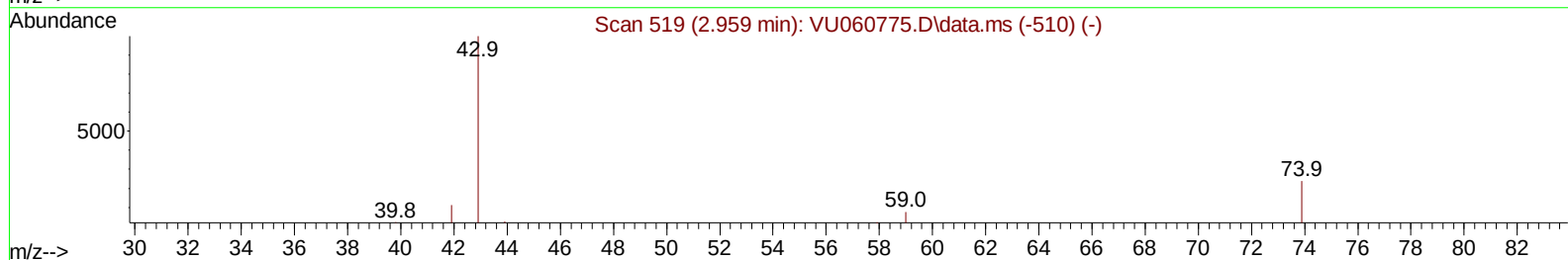
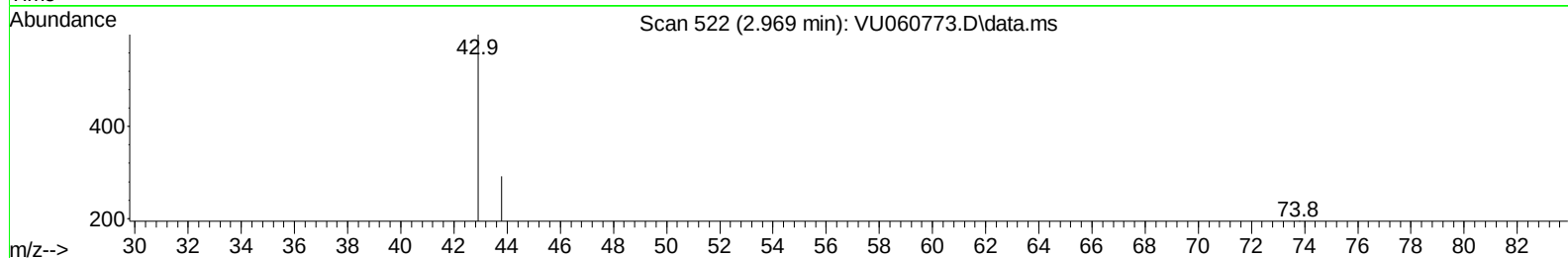
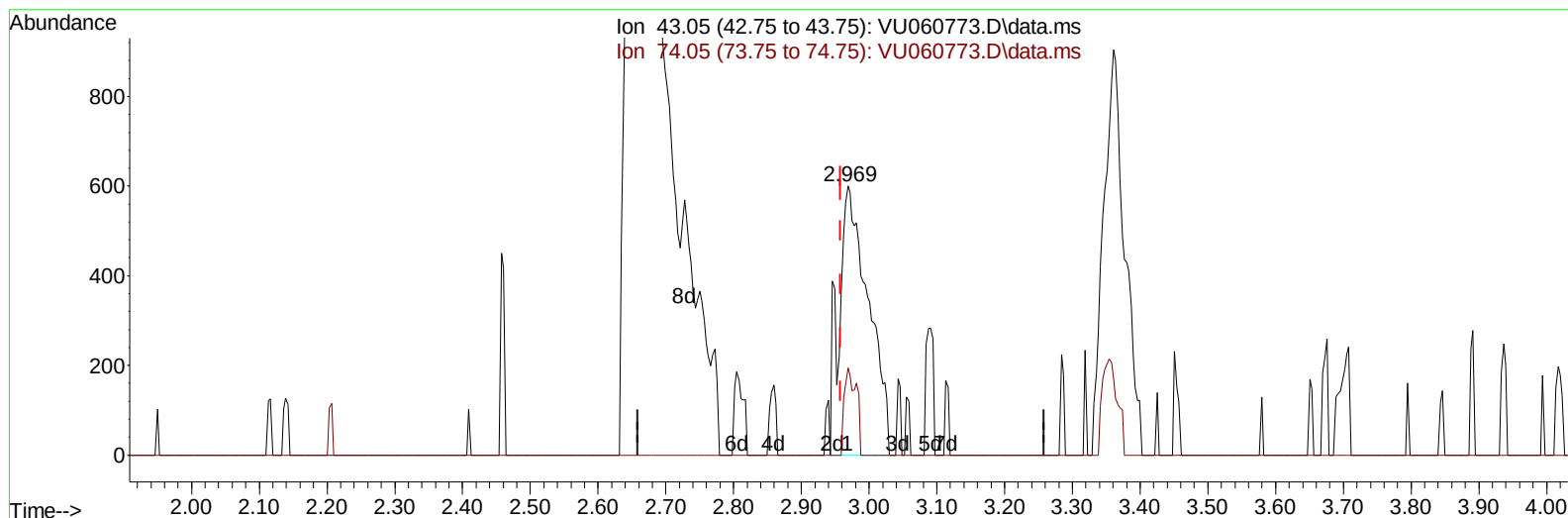
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060773.D
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 Operator : MD/SY
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Instrument :
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 Quant Title : TRACE VOA SFAM1.0
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TIC: VU060773.D\data.ms

(15) Methyl Acetate (T)

2.969min (+ 0.010) 0.48 ug/L m

response 1812

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	23.60	13.25#
0.00	0.00	0.00
0.00	0.00	0.00

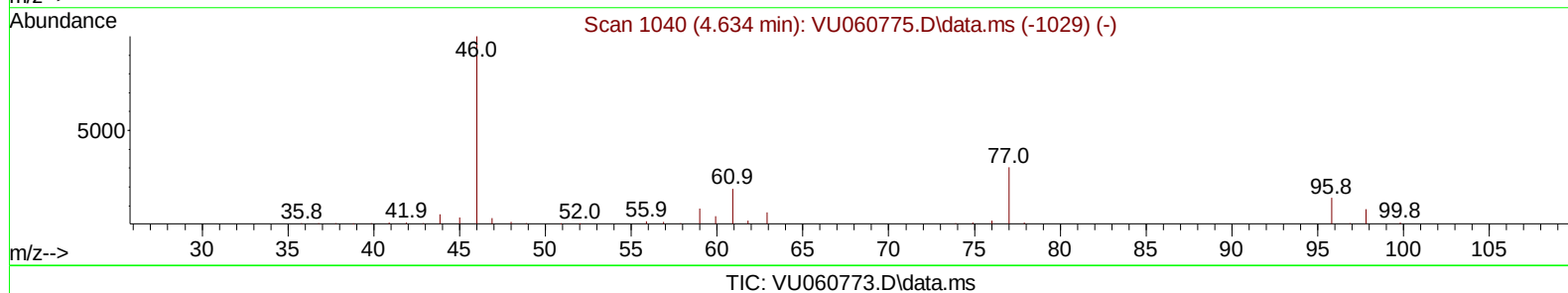
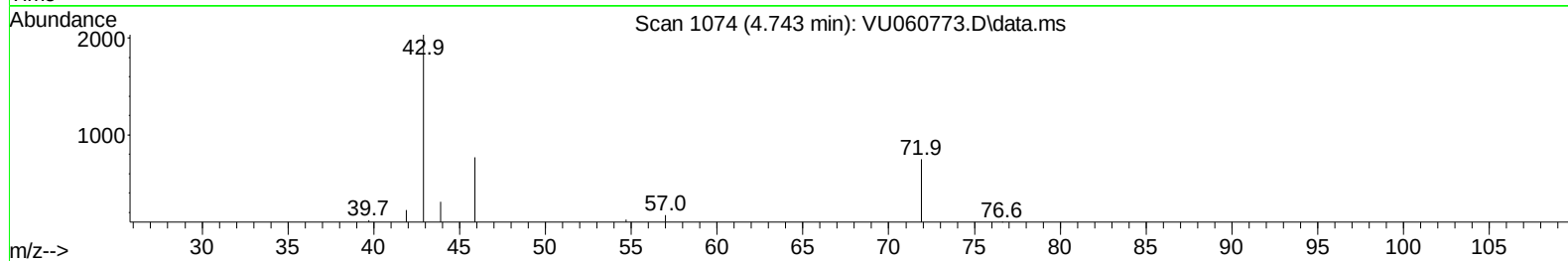
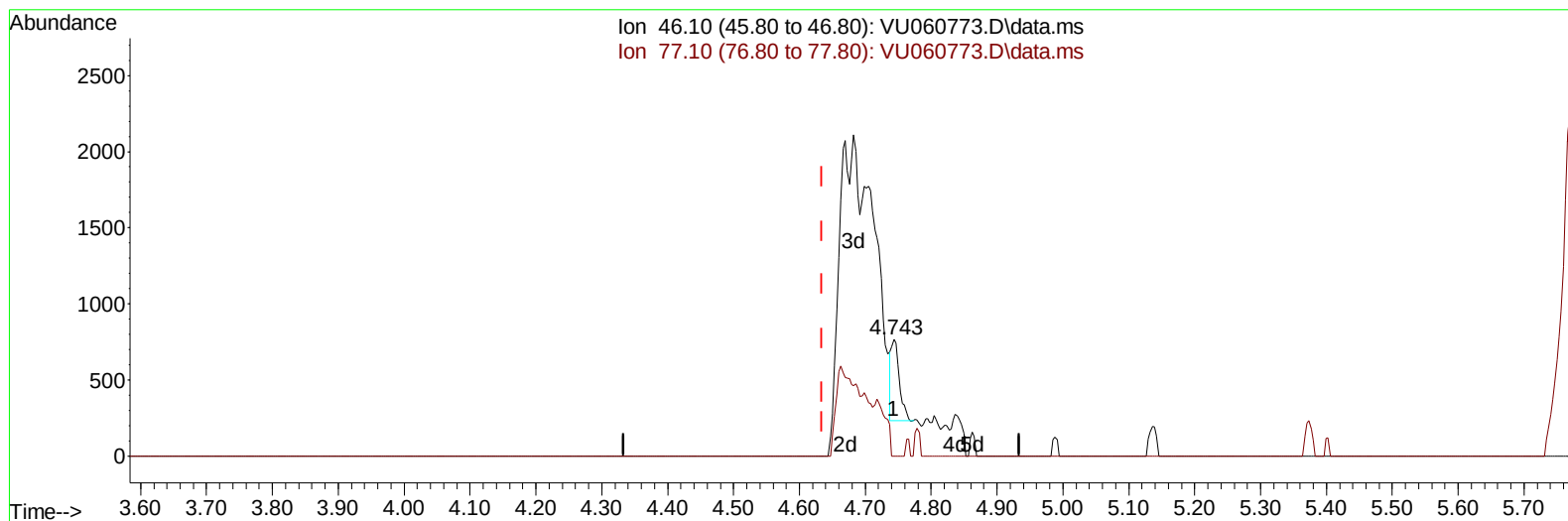
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Data File : VU060773.D
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Operator : MD/SY
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Instrument :
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**(20) 2-Butanone-d5 (S)**

4.743min (+ 0.110) 0.20 ug/L

response 458

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.30	20.31
0.00	0.00	0.00
0.00	0.00	0.00

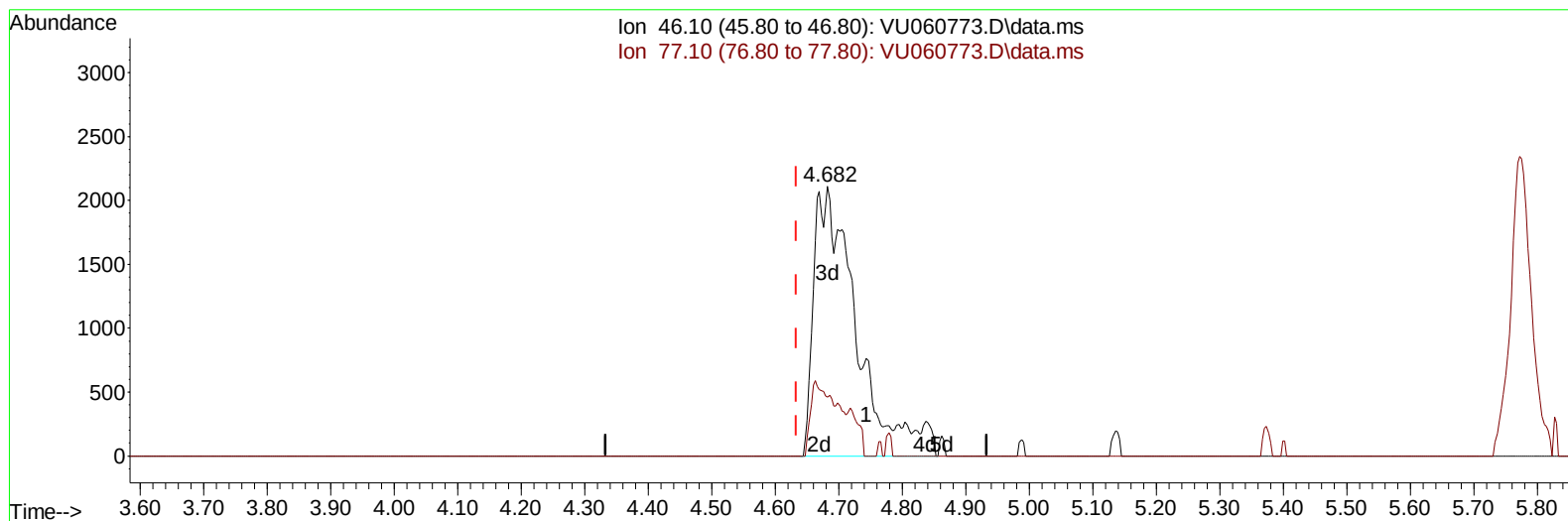
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Data File : VU060773.D
Acq On : 16 Sep 2024 10:50
Operator : MD/SY
Sample : VSTD0.518
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5018

Manual IntegrationsAPPROVED

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Quant Title : TRACE VOA SFAM1.0
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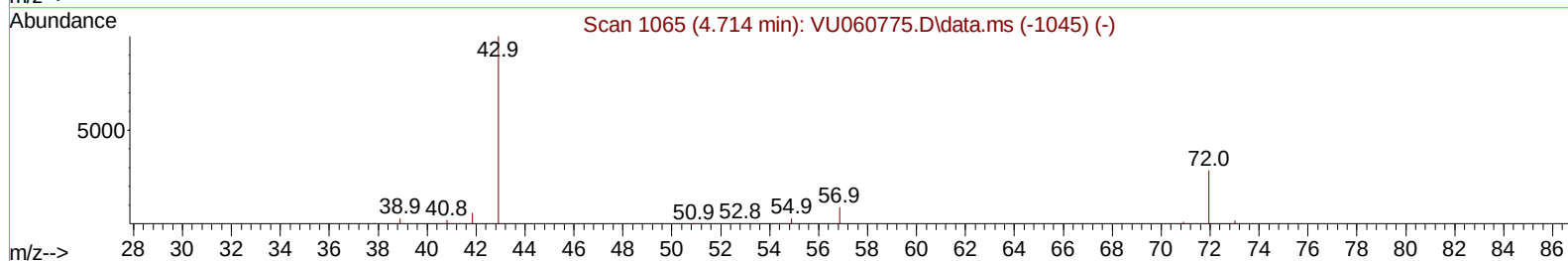
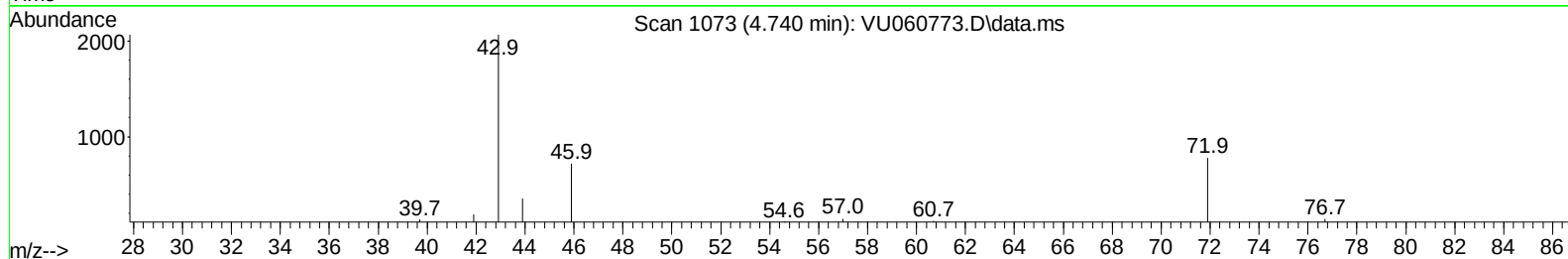
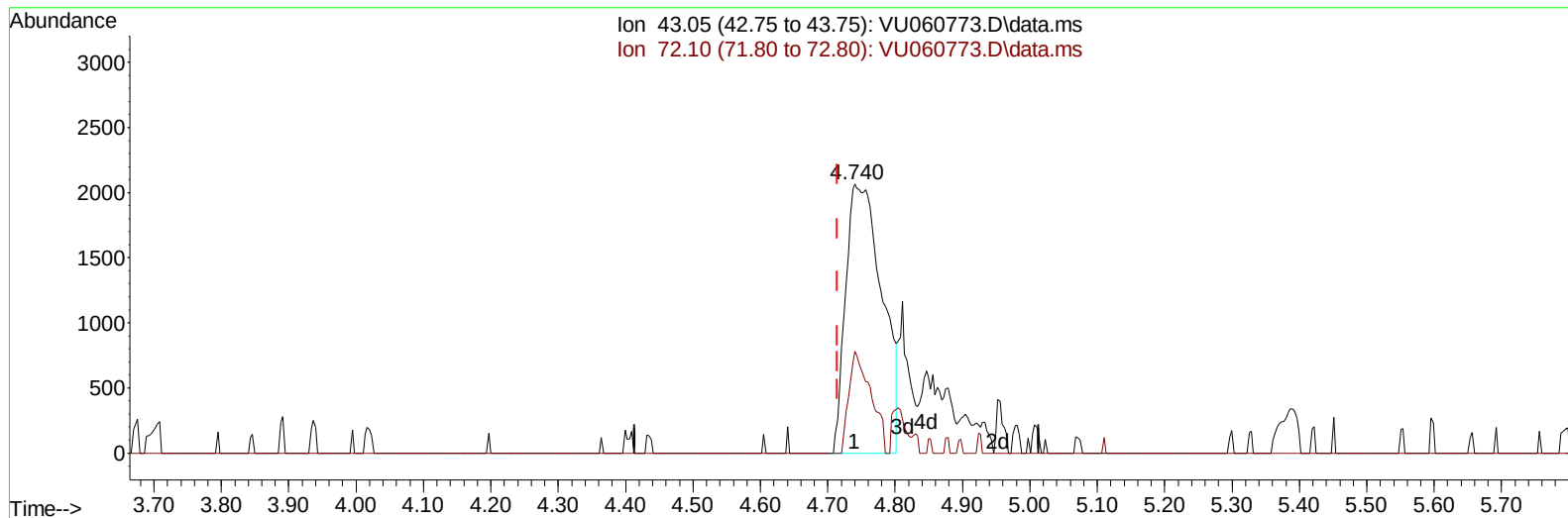
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Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Sep 17 01:10:00 2024
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Response via : Initial Calibration



TIC: VU060773.D\data.ms

(21) 2-Butanone (T)

4.740min (+ 0.026) 3.24 ug/L

response 7702

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	29.50	22.89
0.00	0.00	0.00
0.00	0.00	0.00

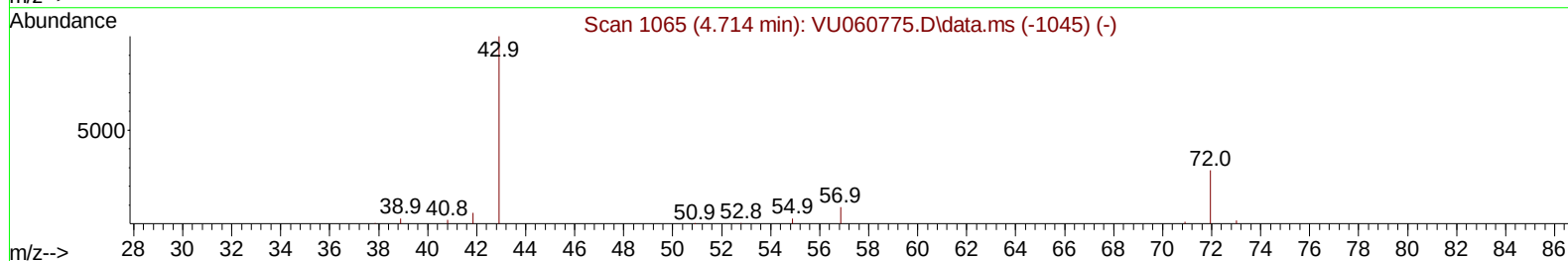
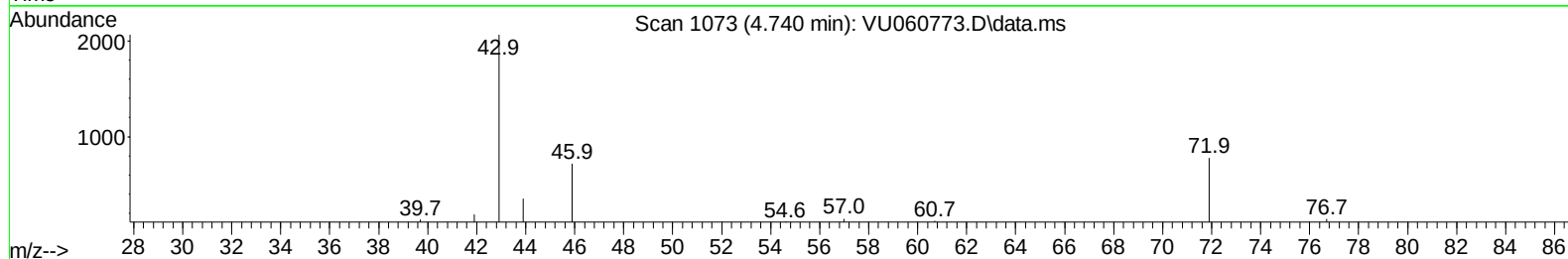
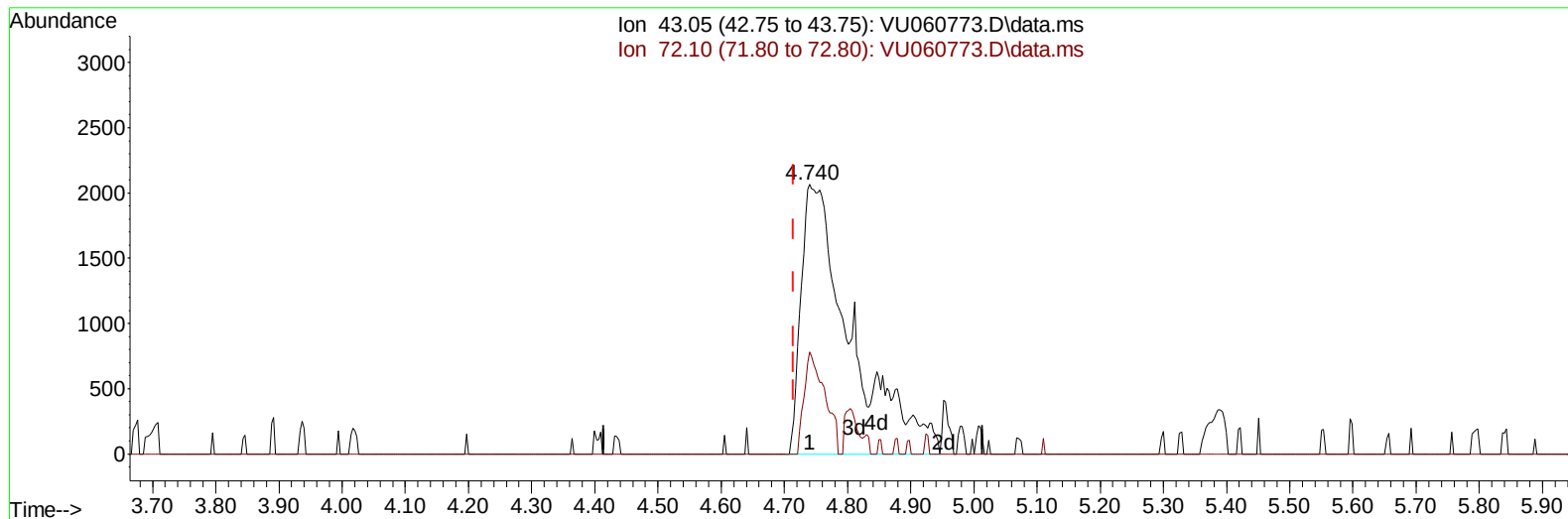
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 Operator : MD/SY
 Sample : VSTD0.518
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5018

Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024



TIC: VU060773.D\data.ms

(21) 2-Butanone (T)

4.740min (+ 0.026) 4.74 ug/L m

response 11258

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	29.50	15.66
0.00	0.00	0.00
0.00	0.00	0.00

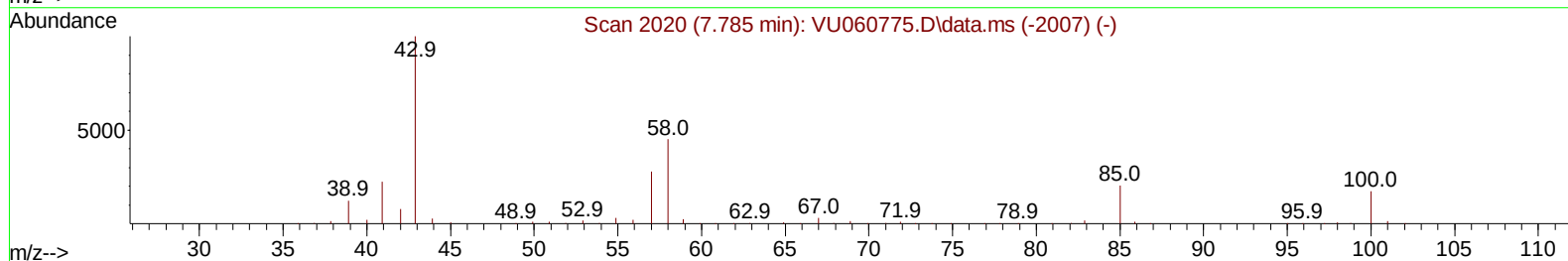
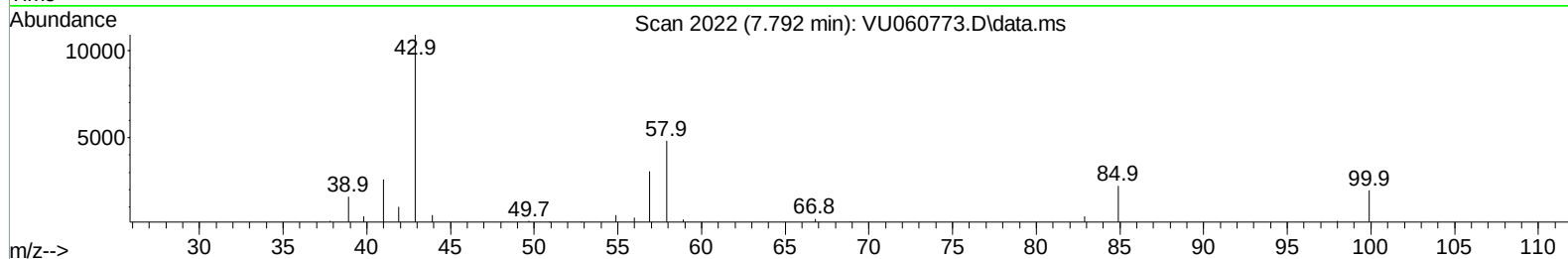
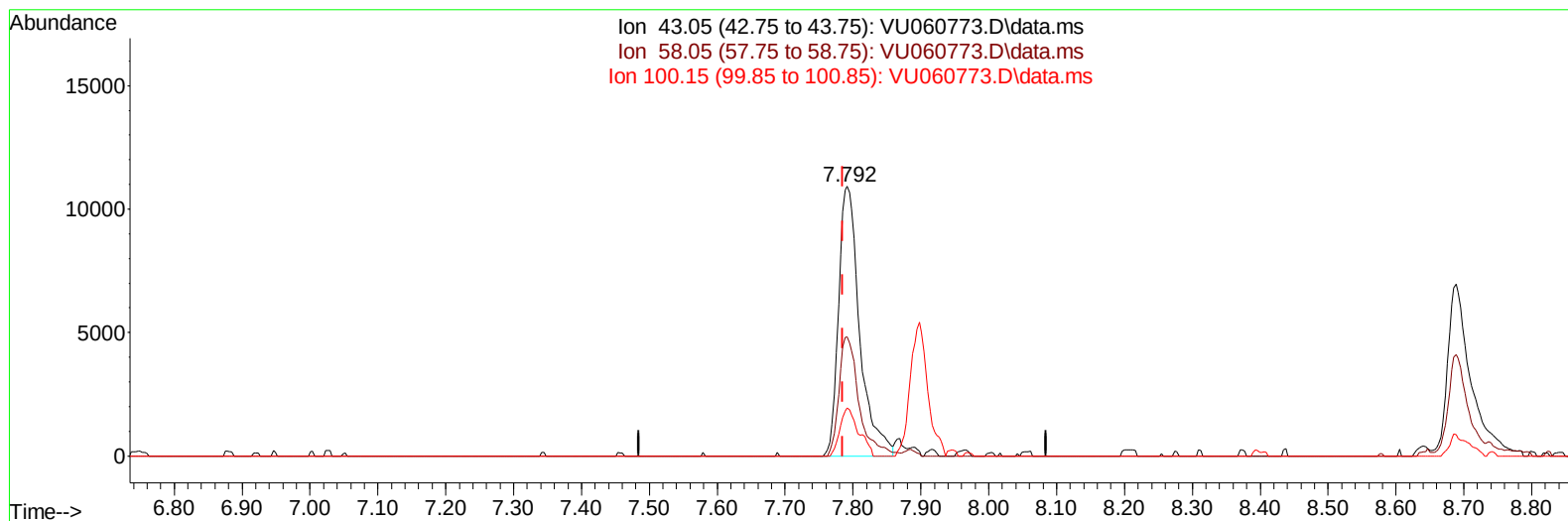
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060773.D
Acq On : 16 Sep 2024 10:50
Operator : MD/SY
Sample : VSTD0.518
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5018

Manual IntegrationsAPPROVED

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TIC: VU060773.D\data.ms

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

7.792min (+ 0.007) 3.98 ug/L

response 23577

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	43.60	42.20
100.15	16.70	15.75
0.00	0.00	0.00

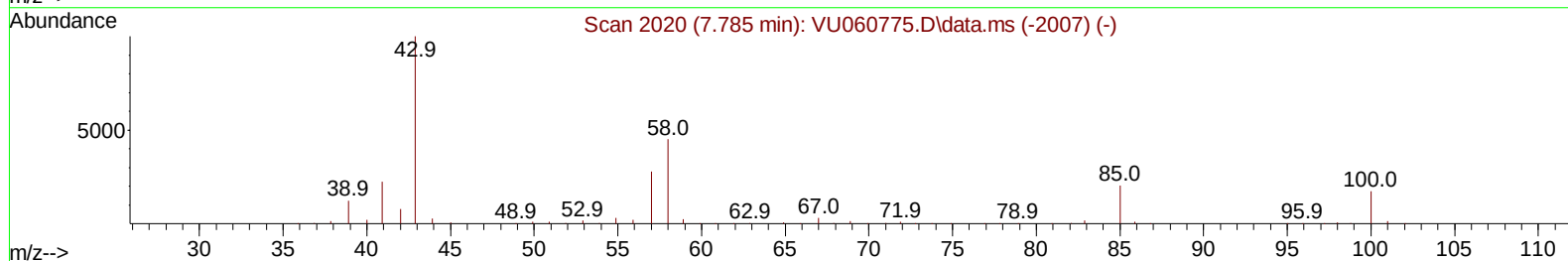
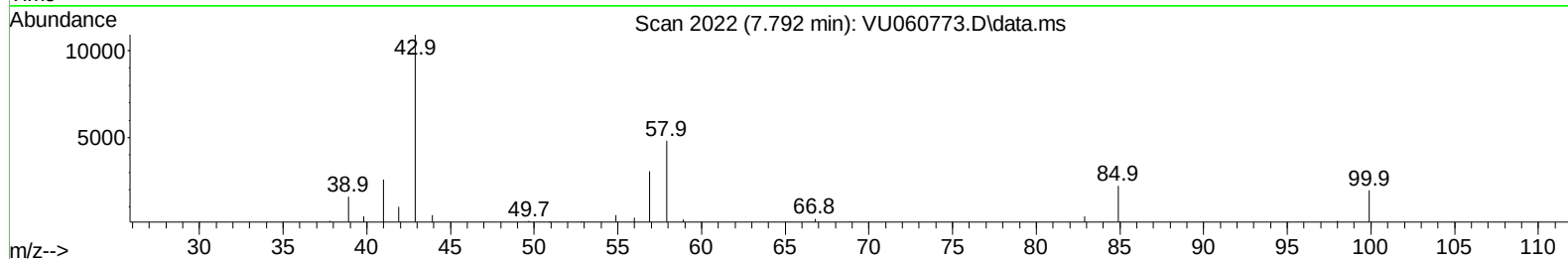
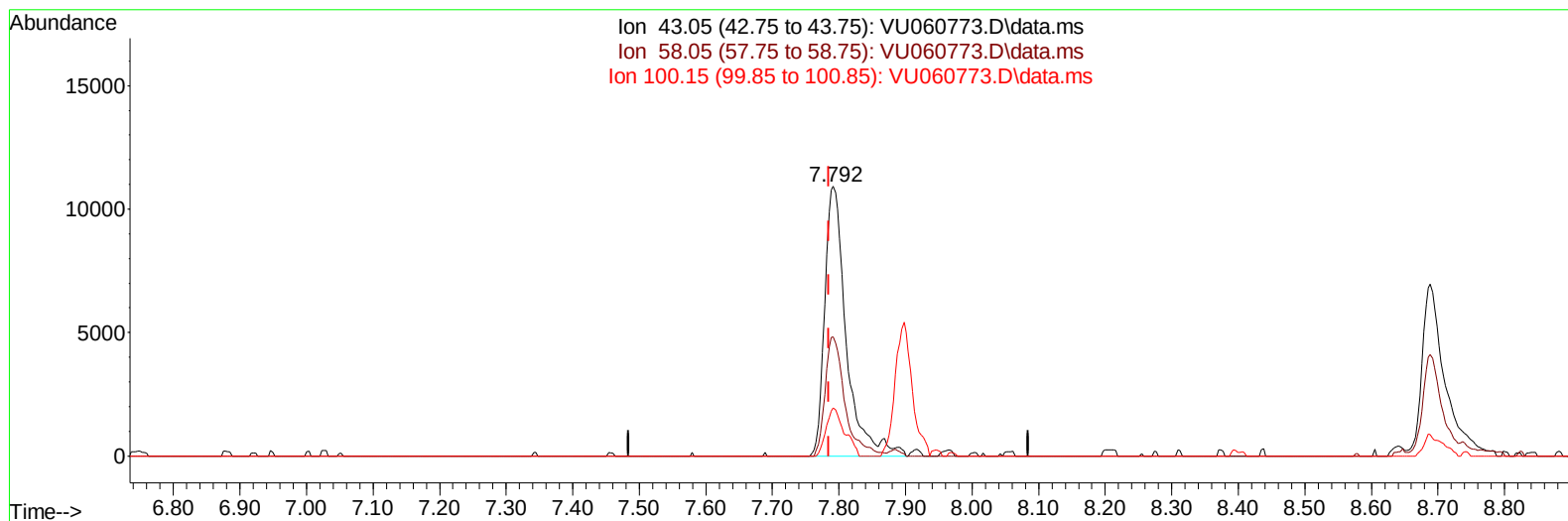
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Data File : VU060773.D
Acq On : 16 Sep 2024 10:50
Operator : MD/SY
Sample : VSTD0.518
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: VU060773.D\data.ms

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

7.792min (+ 0.007) 4.13 ug/L m

response 24518

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	43.60	40.58
100.15	16.70	15.14
0.00	0.00	0.00

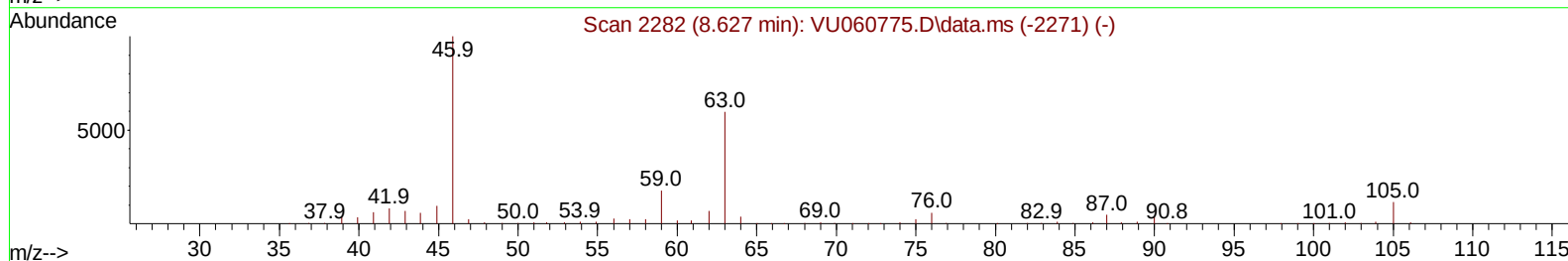
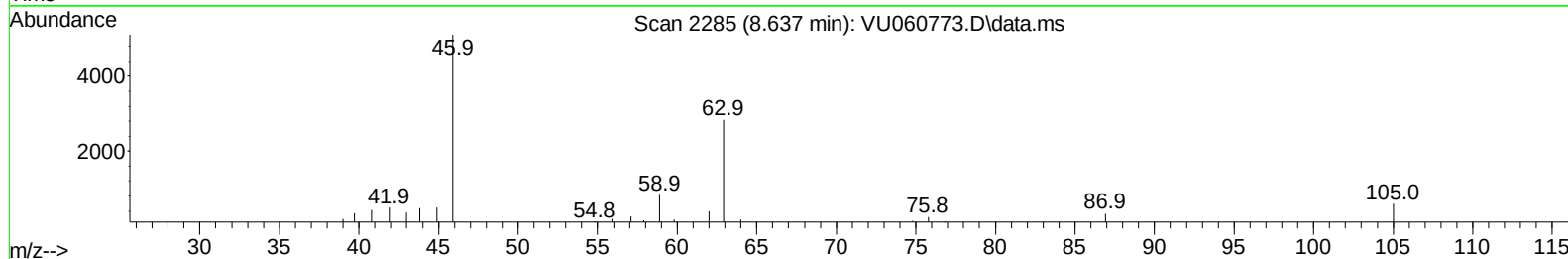
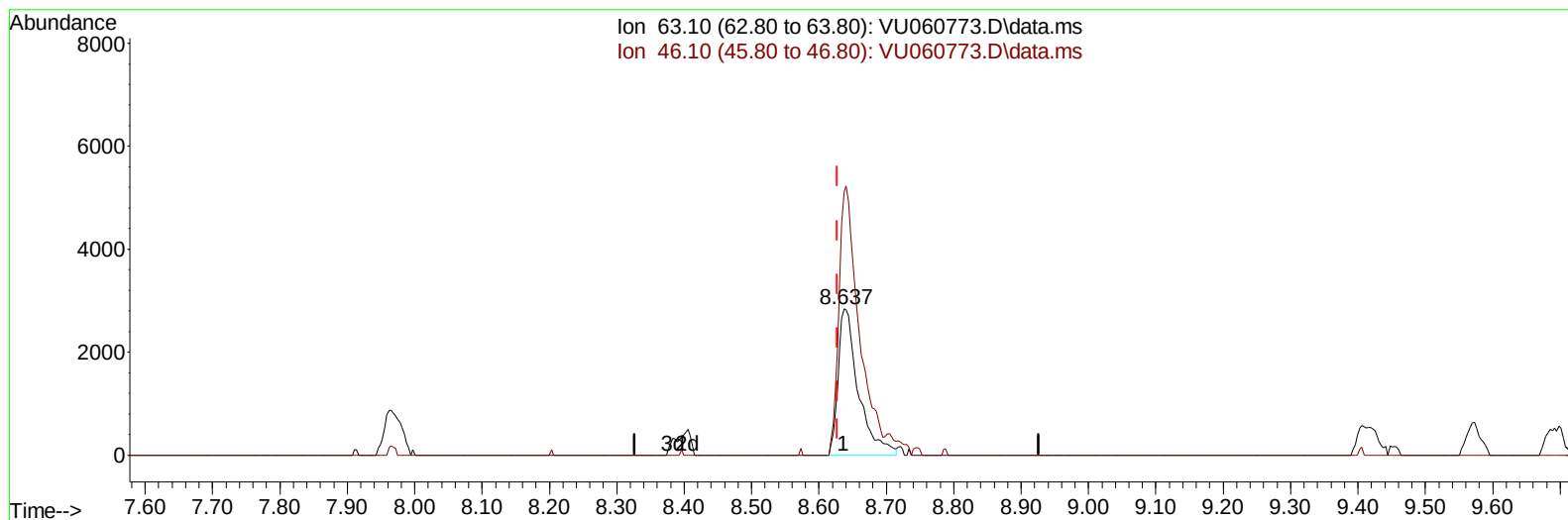
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060773.D
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Operator : MD/SY
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Instrument :
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ClientSampleId :
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TIC: VU060773.D\data.ms

(46) 2-Hexanone-d5 (S)**8.637min (+ 0.010) 3.24 ug/L****response 5915**

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	170.70	183.11
0.00	0.00	0.00
0.00	0.00	0.00

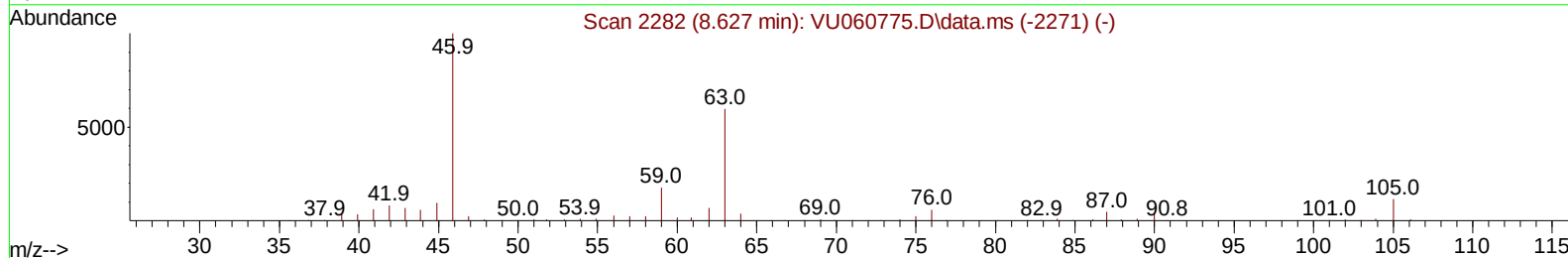
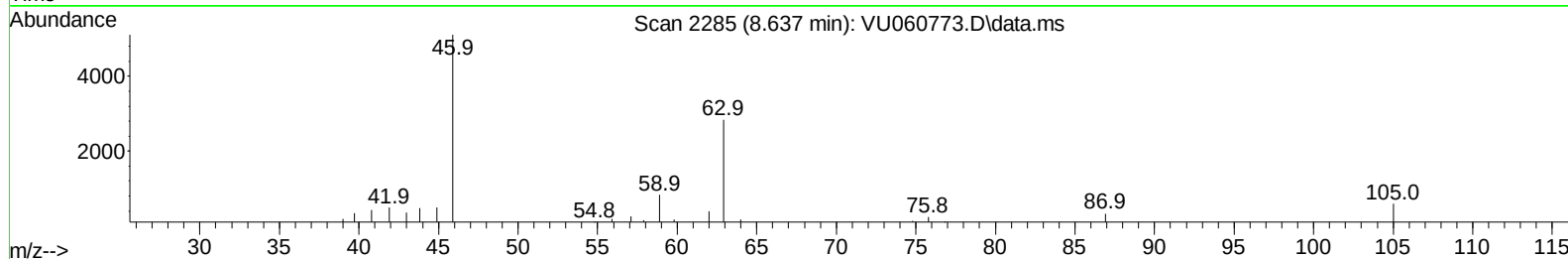
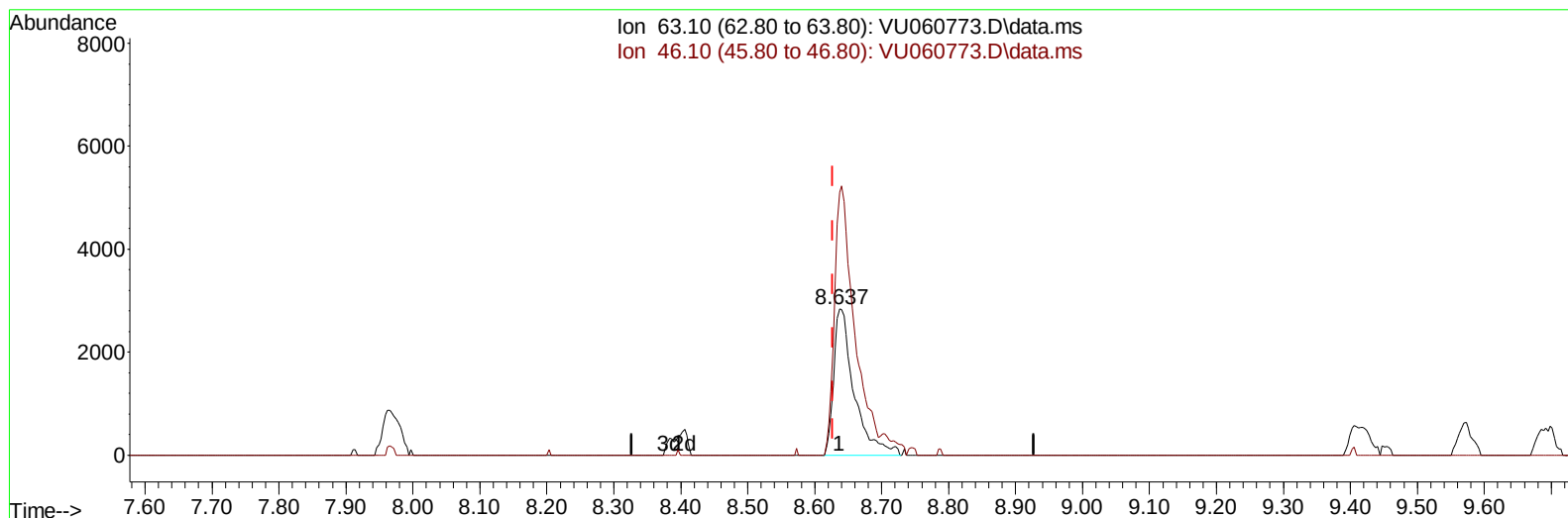
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Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5018

Manual IntegrationsAPPROVED

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TIC: VU060773.D\data.ms

(46) 2-Hexanone-d5 (S)

8.637min (+ 0.010) 3.29 ug/L m

response 6000

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	170.70	180.52
0.00	0.00	0.00
0.00	0.00	0.00

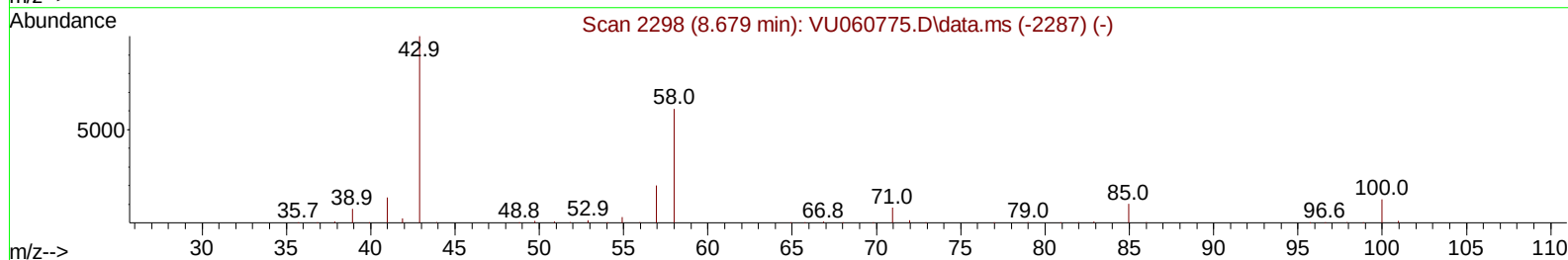
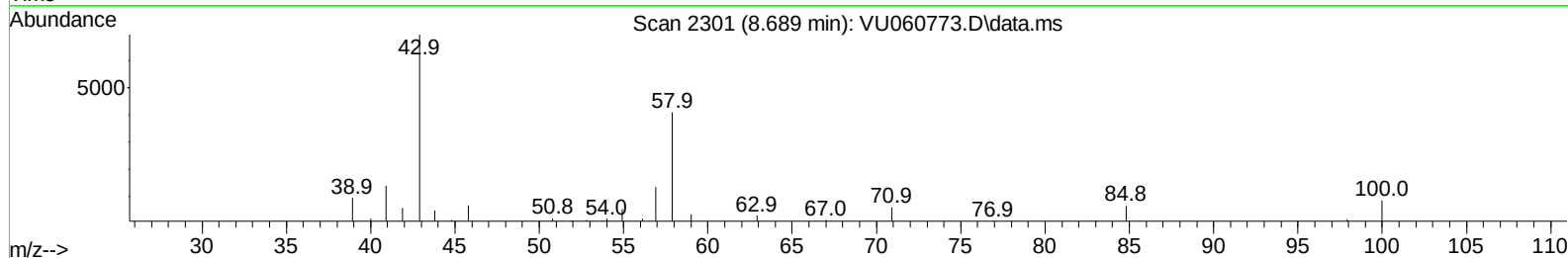
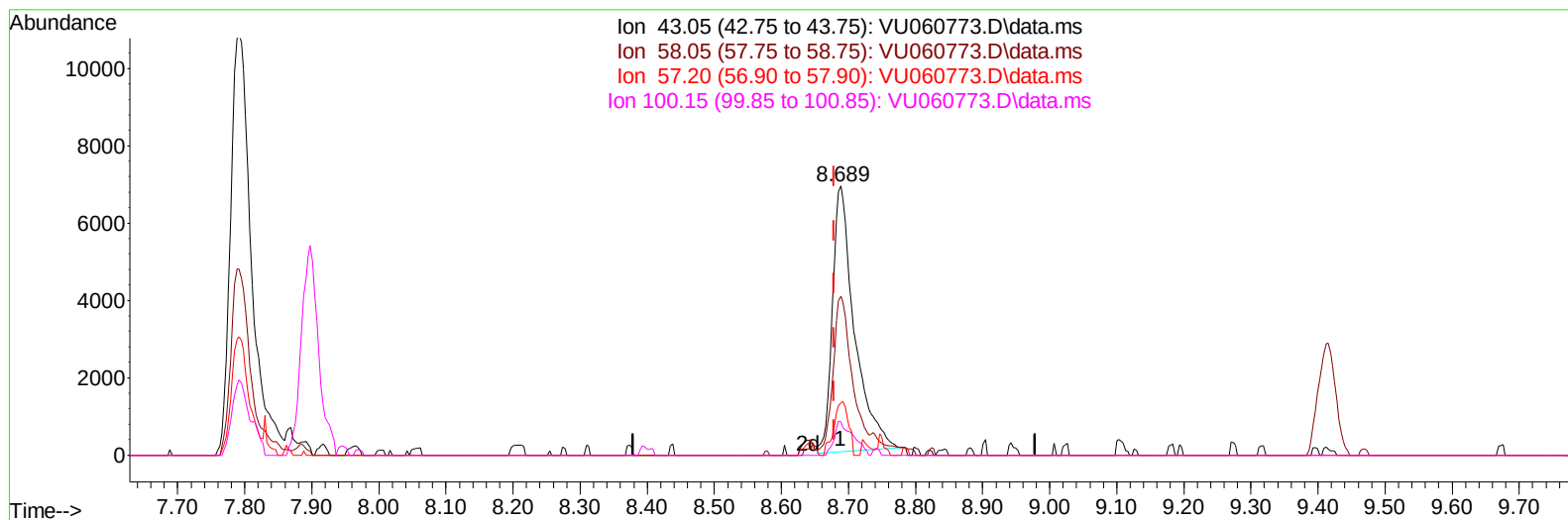
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TIC: VU060773.D\data.ms

(48) 2-Hexanone (T)

8.689min (+ 0.010) 3.69 ug/L

response 15672

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	60.40	59.32
57.20	19.90	13.36#
100.15	12.40	10.73

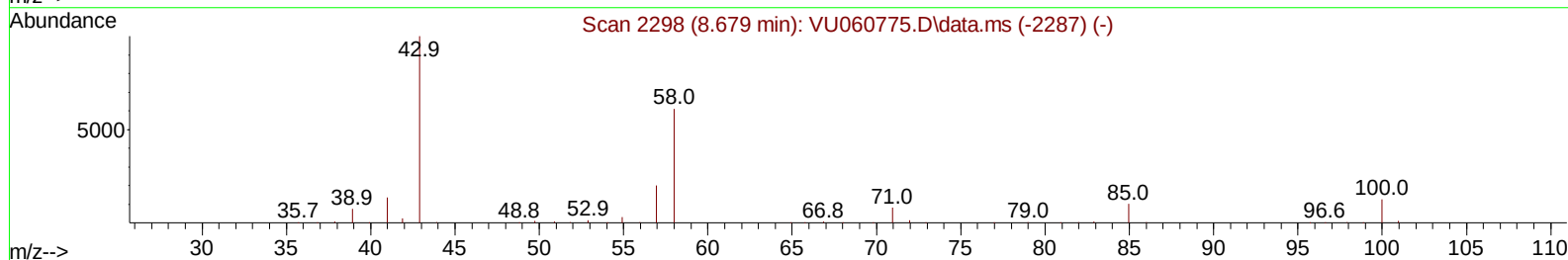
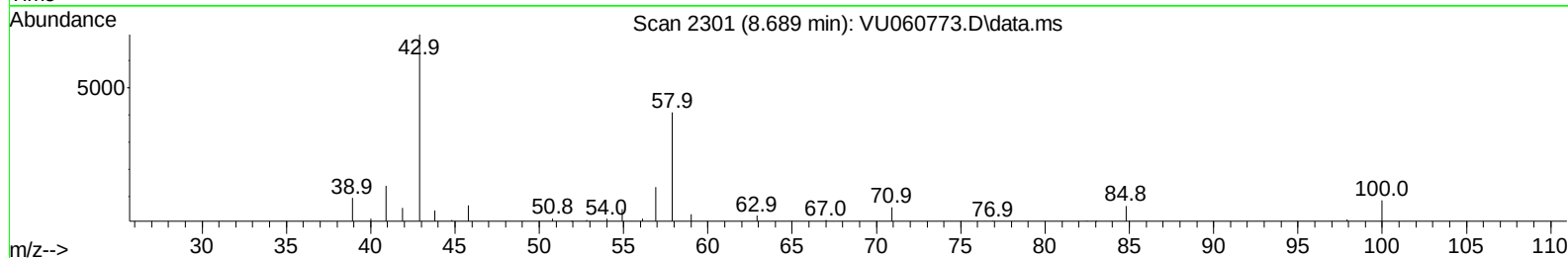
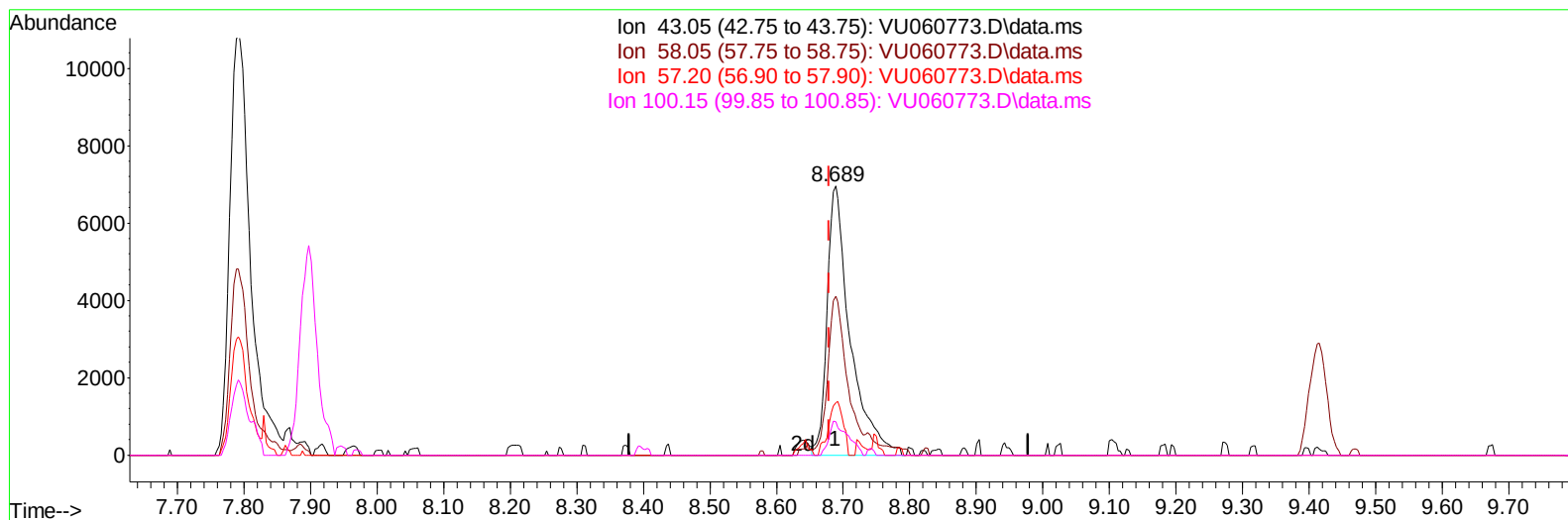
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD0.5018

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
Supervised By :Semsettin Yesilyurt 09/18/2024

Quant Time: Sep 17 01:10:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 17 01:09:32 2024
Response via : Initial Calibration



TIC: VU060773.D\data.ms

(48) 2-Hexanone (T)

8.689min (+ 0.010) 3.91 ug/L m

response 16616

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	60.40	55.95
57.20	19.90	12.60#
100.15	12.40	10.12

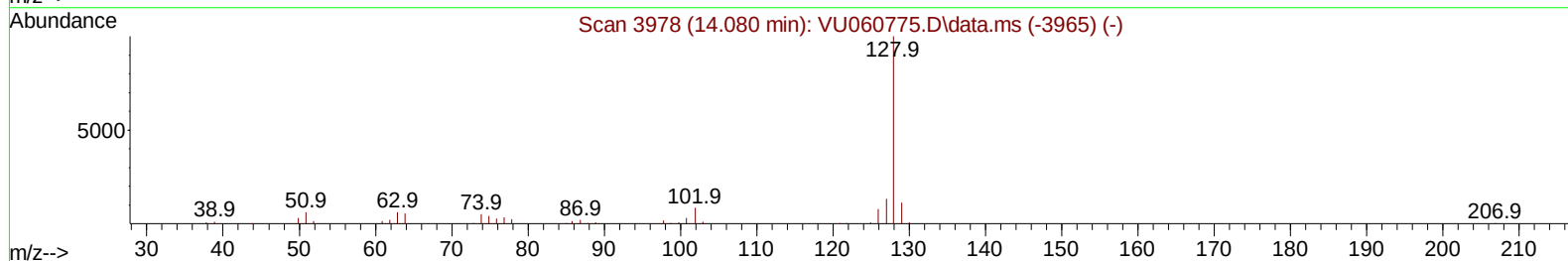
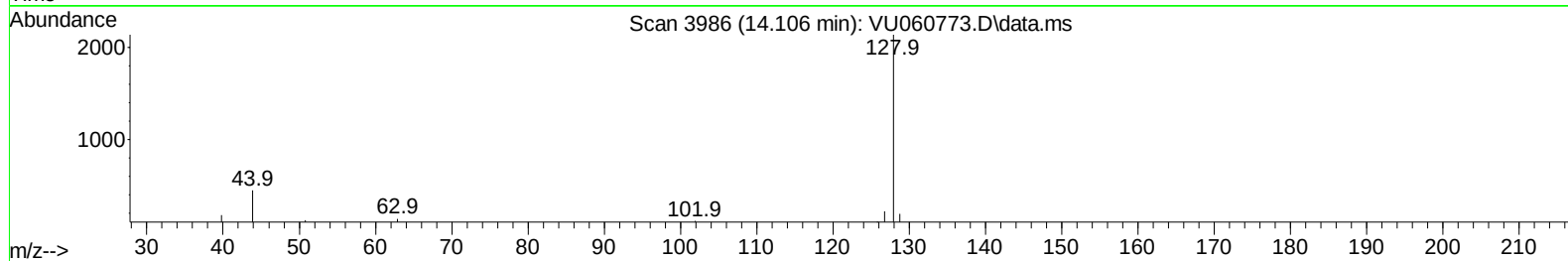
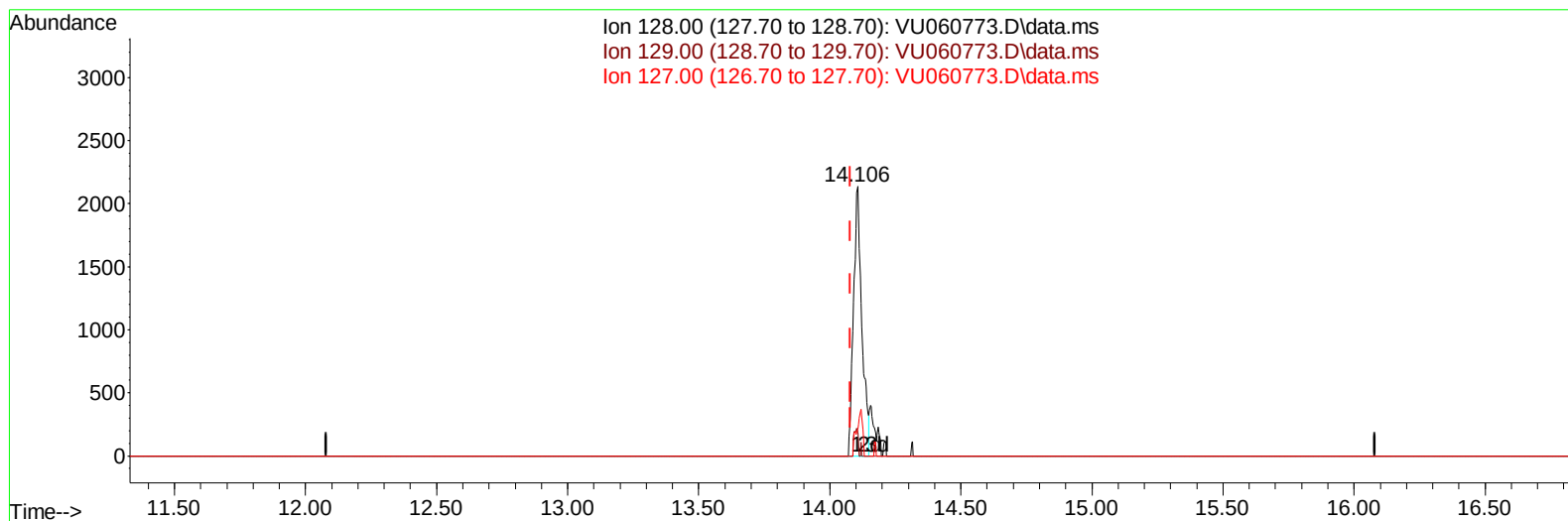
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
Data File : VU060773.D
Acq On : 16 Sep 2024 10:50
Operator : MD/SY
Sample : VSTD0.518
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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TIC: VU060773.D\data.ms

(71) Naphthalene (MA)

14.106min (+ 0.026) 0.27 ug/L

response 4698

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.40	5.15#
127.00	13.40	2.72#
0.00	0.00	0.00

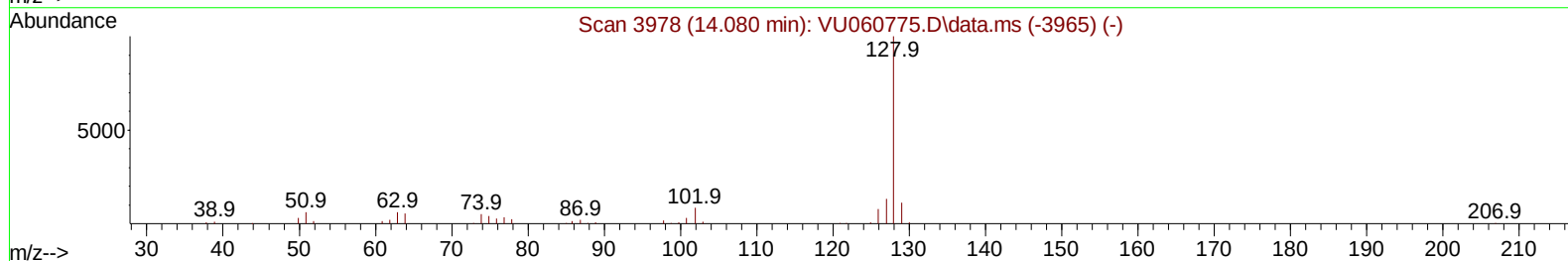
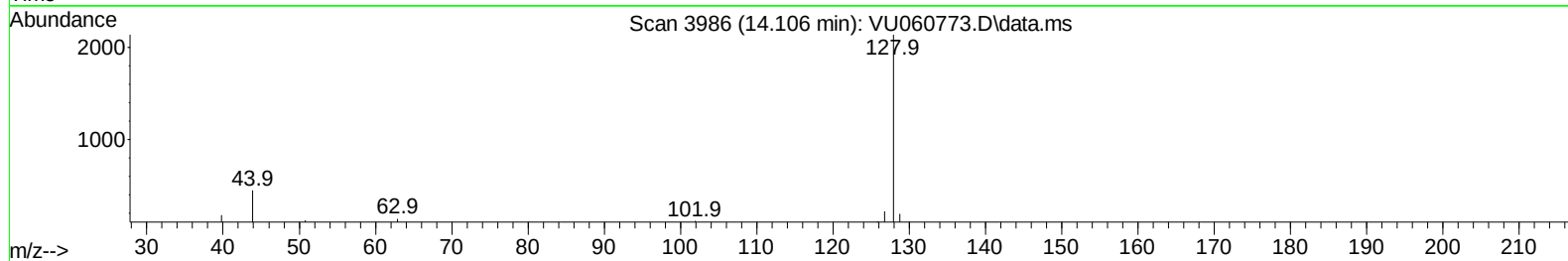
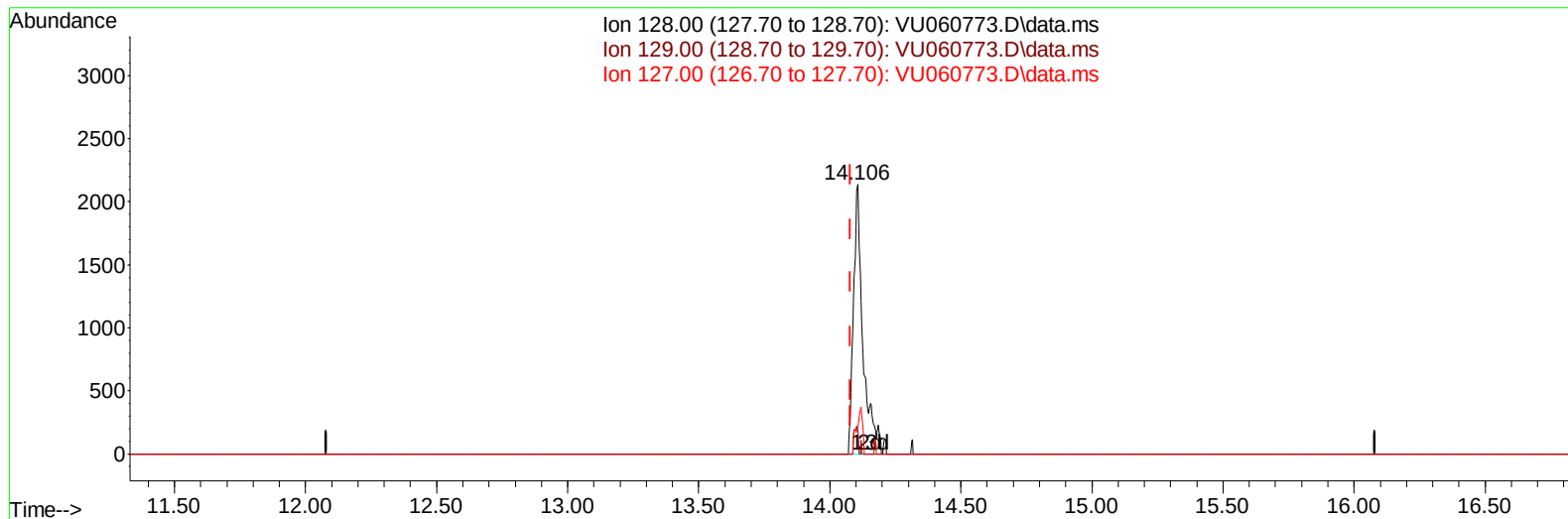
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TIC: VU060773.D\data.ms

(71) Naphthalene (MA)

14.106min (+ 0.026) 0.31 ug/L m

response 5336

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.40	4.54#
127.00	13.40	2.40#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	158480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163098	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70864	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	6710	0.575	ug/L	0.00
7) Chloroethane-d5	1.911	69	4576	0.432	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2250	0.478	ug/L	0.00
20) 2-Butanone-d5	4.682	46	9830m	4.289	ug/L	0.05
24) Chloroform-d	5.055	84	10013	0.444	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.708	65	4648	0.429	ug/L	0.01
32) Benzene-d6	5.727	84	19043	0.427	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	6223	0.450	ug/L	0.00
41) Toluene-d8	7.894	98	15727	0.377	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	2006	0.449	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	6000m	3.289	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	4663	0.411	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5752	0.459	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	5839	0.439	ug/L	95
3) Chloromethane	1.518	50	6706	0.478	ug/L	96
5) Vinyl chloride	1.602	62	6954	0.447	ug/L	95
6) Bromomethane	1.856	94	4444	0.412	ug/L	100
8) Chloroethane	1.933	64	4106	0.440	ug/L	100
9) Trichlorofluoromethane	2.136	101	9520	0.496	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	5221	0.432	ug/L	98
12) 1,1-Dichloroethene	2.573	96	4894	0.442	ug/L	87
13) Acetone	2.660	43	7744m	5.151	ug/L	
14) Carbon disulfide	2.792	76	13939	0.390	ug/L	98
15) Methyl Acetate	2.969	43	1812m	0.477	ug/L	
16) Methylene chloride	3.039	84	5504	0.418	ug/L	88
17) Methyl tert-butyl Ether	3.358	73	10294	0.427	ug/L	98
18) trans-1,2-Dichloroethene	3.351	96	5198	0.457	ug/L	88
19) 1,1-Dichloroethane	3.869	63	10515	0.490	ug/L	92
21) 2-Butanone	4.740	43	11258m	4.738	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	4971	0.393	ug/L	92
23) Bromochloromethane	4.978	128	2597	0.448	ug/L	88
25) Chloroform	5.084	83	11015	0.489	ug/L	95
27) 1,2-Dichloroethane	5.792	62	6420	0.475	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	8871	0.475	ug/L	99
30) Cyclohexane	5.386	56	6132	0.379	ug/L	95
31) Carbon tetrachloride	5.522	117	7664	0.483	ug/L	97
33) Benzene	5.772	78	20739	0.425	ug/L	100
34) Trichloroethene	6.541	95	5549	0.421	ug/L	83
35) Methylcyclohexane	6.753	83	6805	0.367	ug/L	94
37) 1,2-Dichloropropane	6.788	63	5847	0.459	ug/L #	93
38) Bromodichloromethane	7.103	83	7492	0.473	ug/L	98
39) cis-1,3-Dichloropropene	7.608	75	6806	0.393	ug/L	100
40) 4-Methyl-2-pentanone	7.792	43	24518m	4.134	ug/L	
42) Toluene	7.968	91	18835	0.364	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.210	75	5564	0.398	ug/L	100
45) 1,1,2-Trichloroethane	8.402	97	4364	0.469	ug/L	89
47) Tetrachloroethene	8.550	164	4258	0.417	ug/L	94
48) 2-Hexanone	8.689	43	16616m	3.912	ug/L	
49) Dibromochloromethane	8.804	129	4921	0.472	ug/L	80
50) 1,2-Dibromoethane	8.923	107	3769	0.437	ug/L #	82
51) Chlorobenzene	9.441	112	14893	0.453	ug/L	95
52) Ethylbenzene	9.570	91	20346	0.384	ug/L	87
53) m,p-Xylene	9.689	106	6946	0.341	ug/L	97
54) o-Xylene	10.097	106	7323	0.377	ug/L	89
55) Styrene	10.113	104	12131	0.370	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.779	83	5471	0.479	ug/L	91
59) Bromoform	10.283	173	2830	0.526	ug/L #	91
60) Isopropylbenzene	10.480	105	18359	0.424	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	3750	0.581	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	13792	0.405	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	13039	0.397	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	9694	0.437	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	10887	0.480	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	9410	0.452	ug/L	92
68) 1,2-Dibromo-3-chloropr...	13.007	75	632	0.495	ug/L #	51
69) 1,3,5-Trichlorobenzene	13.222	180	7584	0.463	ug/L	95
70) 1,2,4-trichlorobenzene	13.843	180	4673	0.378	ug/L	92
71) Naphthalene	14.106	128	5336m	0.306	ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	3589	0.315	ug/L	93

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

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