

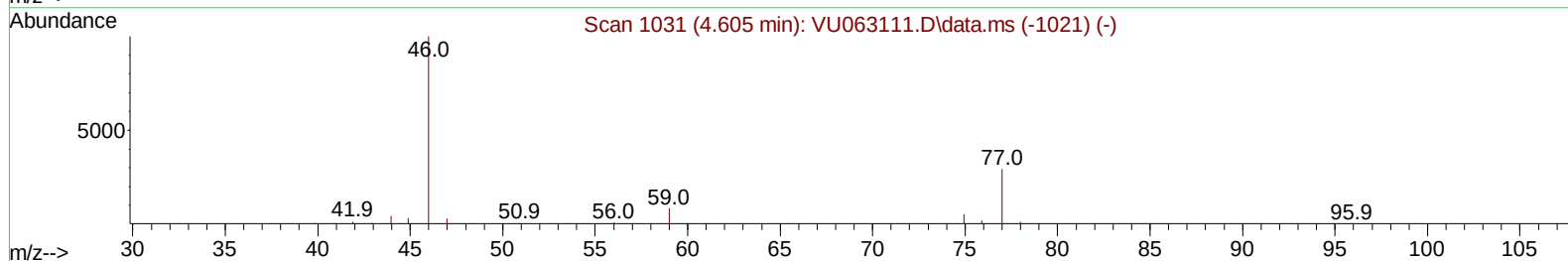
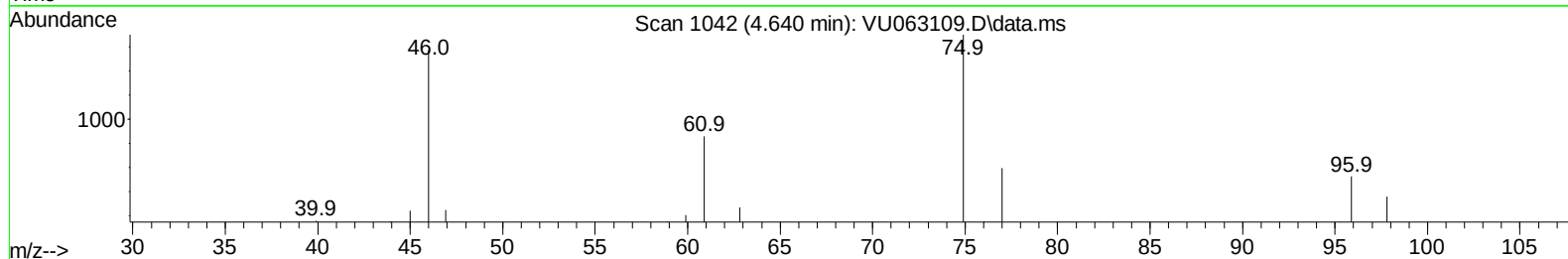
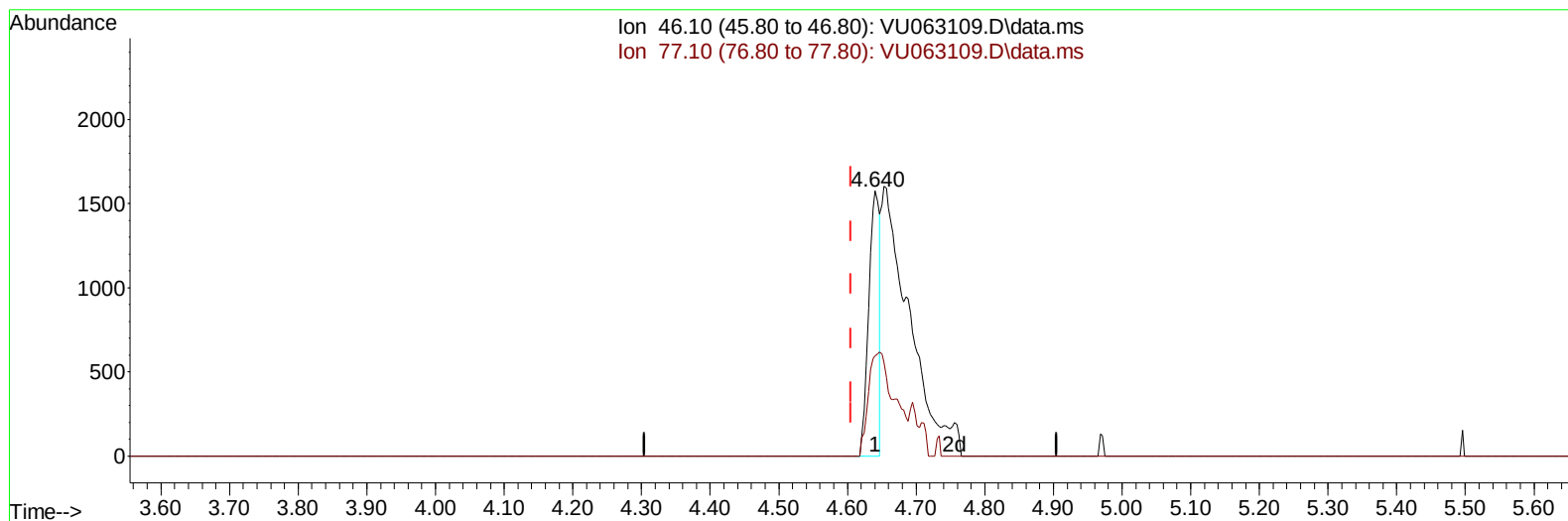
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
Data File : VU063109.D
Acq On : 03 Feb 2025 09:50
Operator : MD/SY
Sample : VSTD0.574
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5074

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 02/04/2025
Supervised By :Semsettin Yesilyurt 02/04/2025

Quant Time: Feb 04 07:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020325wMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 04 07:26:50 2025
Response via : Initial Calibration



TIC: VU063109.D\data.ms

(20) 2-Butanone-d5 (S)

4.640min (+ 0.035) 1.54 ug/L

response 1739

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.00	93.67#
0.00	0.00	0.00
0.00	0.00	0.00

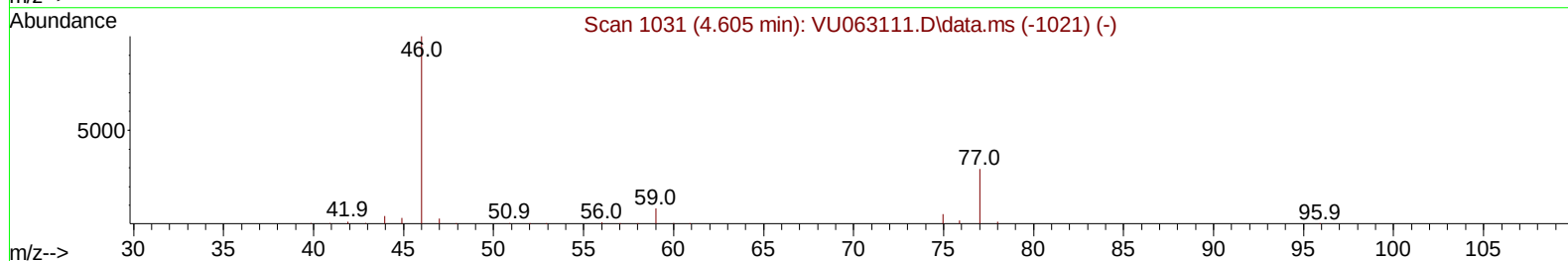
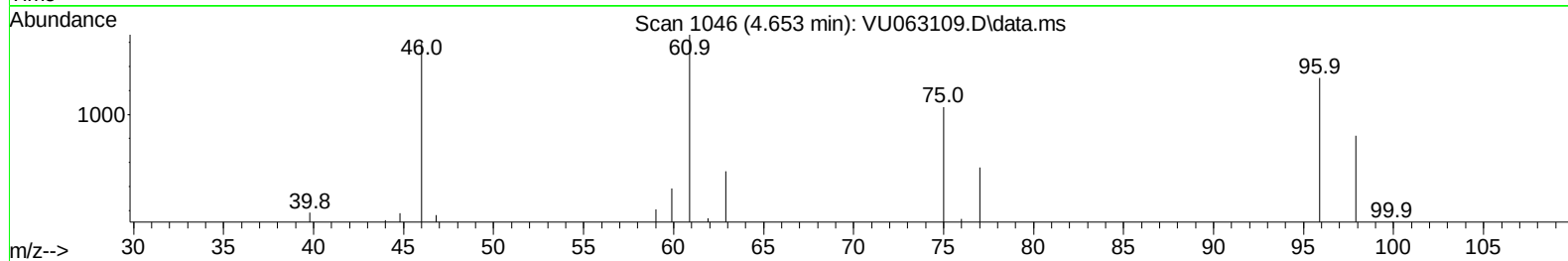
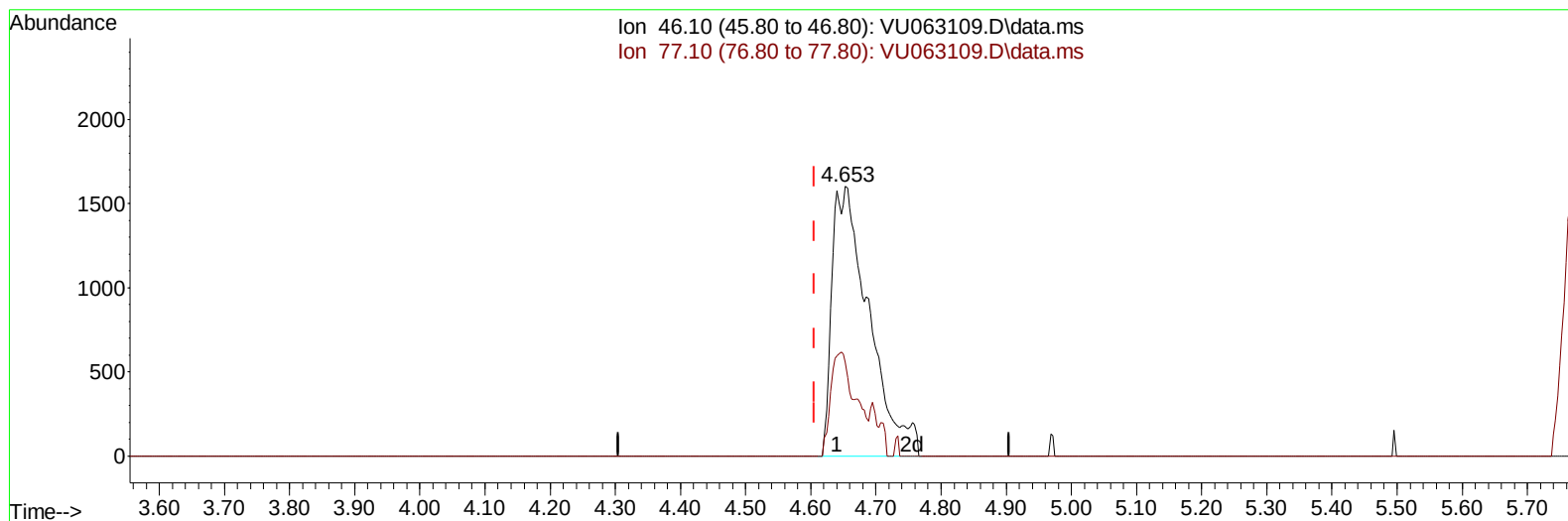
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
Data File : VU063109.D
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Operator : MD/SY
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TIC: VU063109.D\data.ms

(20) 2-Butanone-d5 (S)

4.653min (+ 0.048) 5.56 ug/L m

response 6285

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.00	25.92
0.00	0.00	0.00
0.00	0.00	0.00

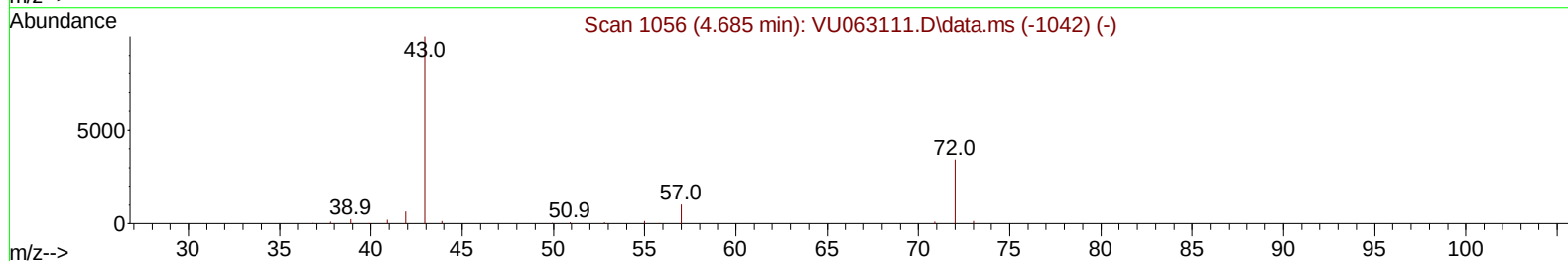
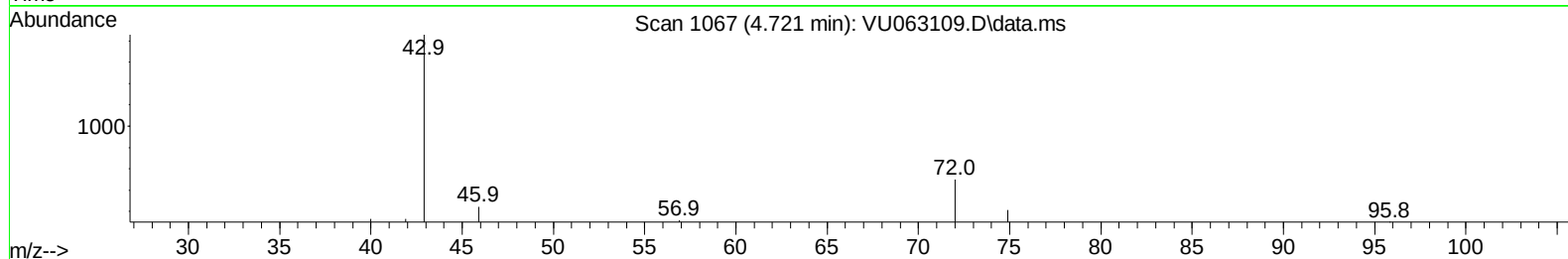
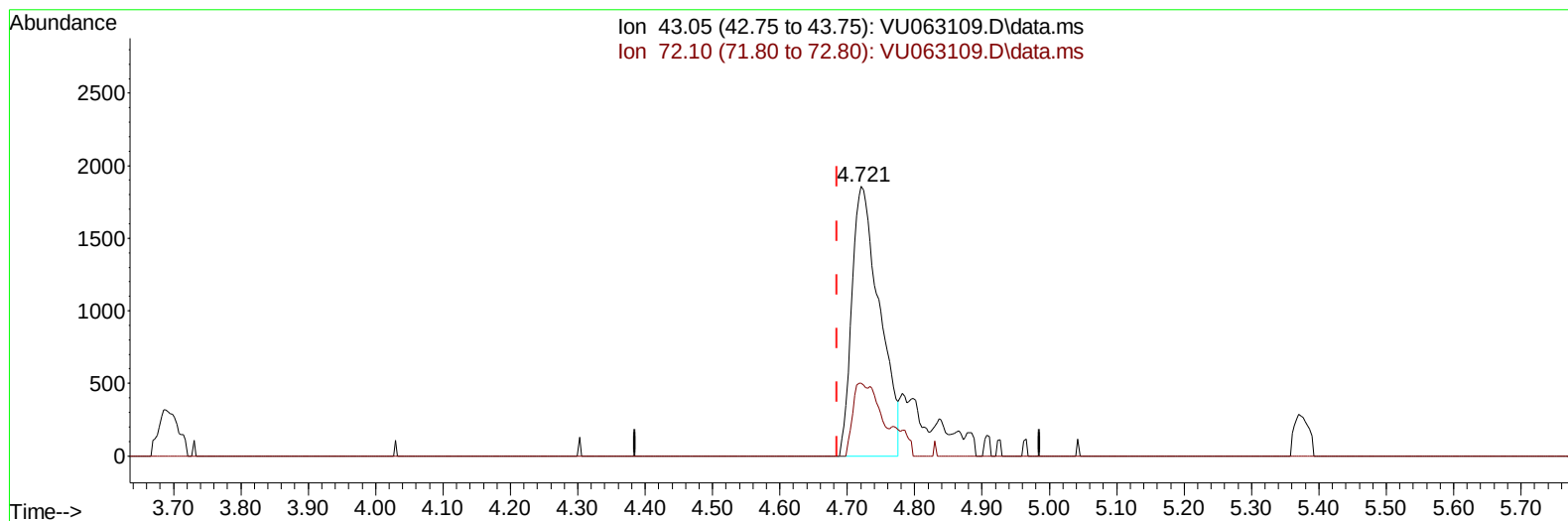
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
Data File : VU063109.D
Acq On : 03 Feb 2025 09:50
Operator : MD/SY
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TIC: VU063109.D\data.ms

(21) 2-Butanone (T)

4.721min (+ 0.035) 5.30 ug/L

response 5287

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	33.30	25.89
0.00	0.00	0.00
0.00	0.00	0.00

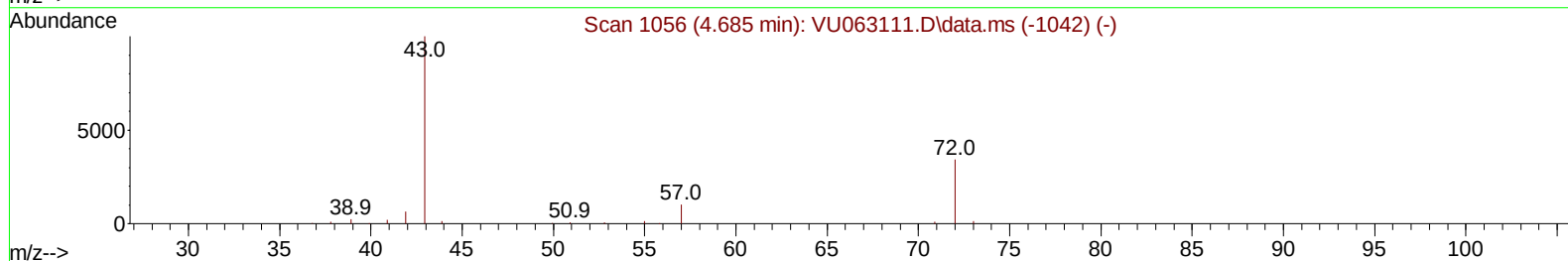
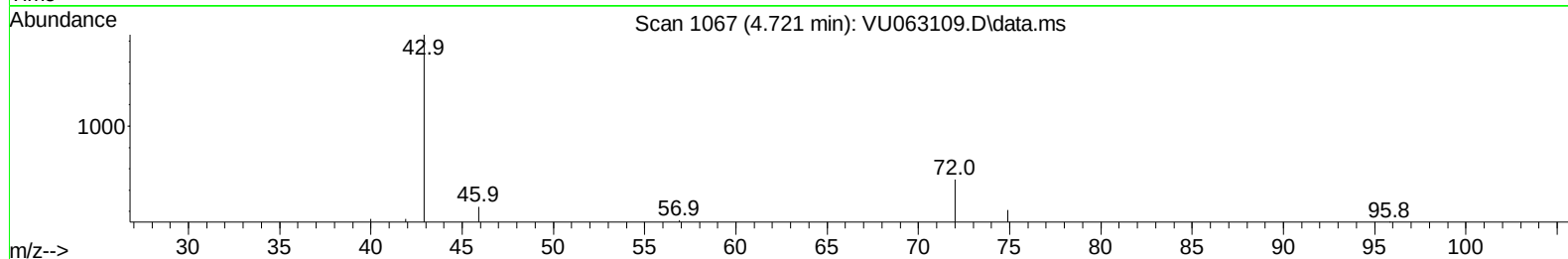
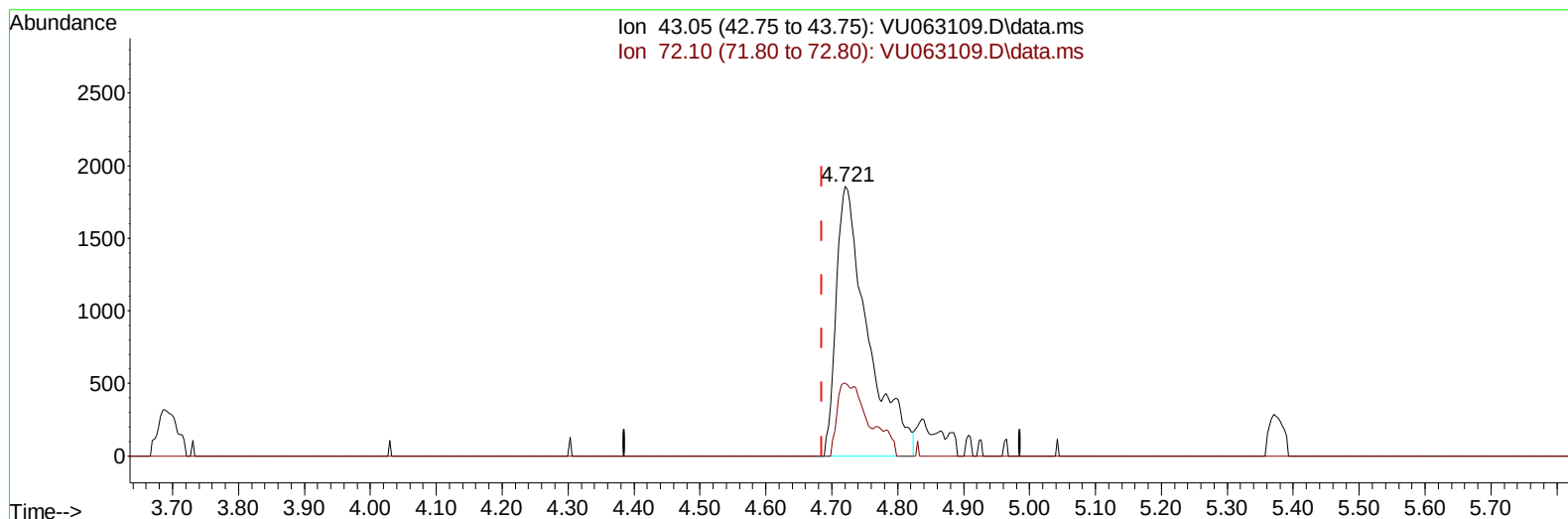
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
Data File : VU063109.D
Acq On : 03 Feb 2025 09:50
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Sample : VSTD0.574
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VU063109.D\data.ms

(21) 2-Butanone (T)

4.721min (+ 0.035) 6.20 ug/L m

response 6179

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	33.30	22.16
0.00	0.00	0.00
0.00	0.00	0.00

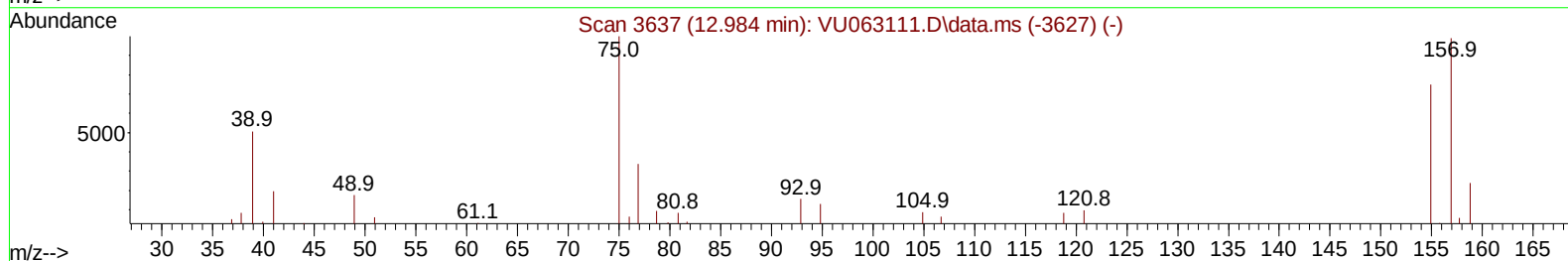
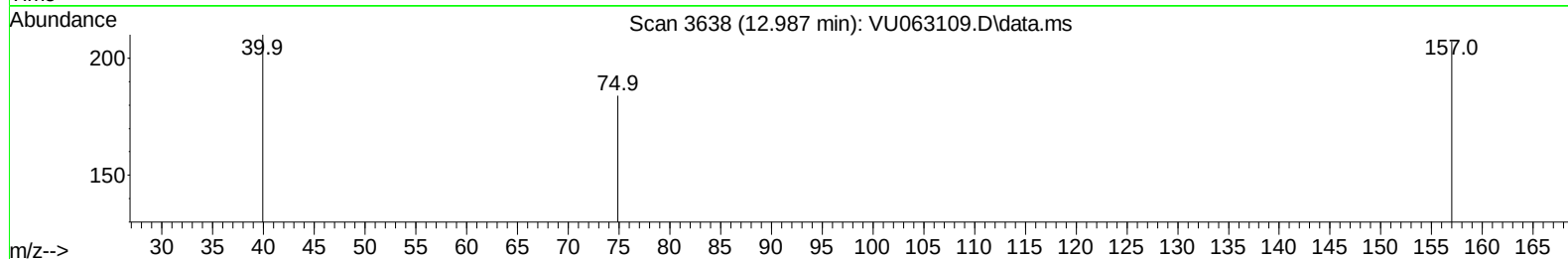
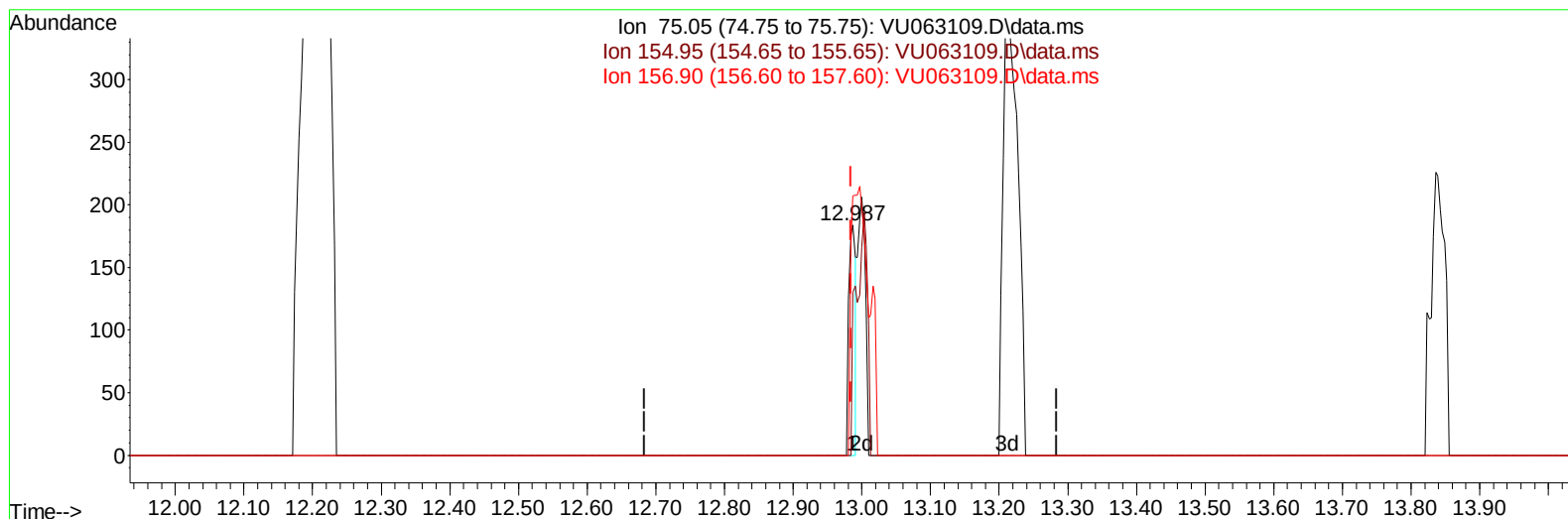
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
Data File : VU063109.D
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TIC: VU063109.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

12.987min (+ 0.003) 0.15 ug/L

response 124

Ion	Exp%	Act%
75.05	100.00	100.00
154.95	74.90	70.65
156.90	99.00	112.50
0.00	0.00	0.00

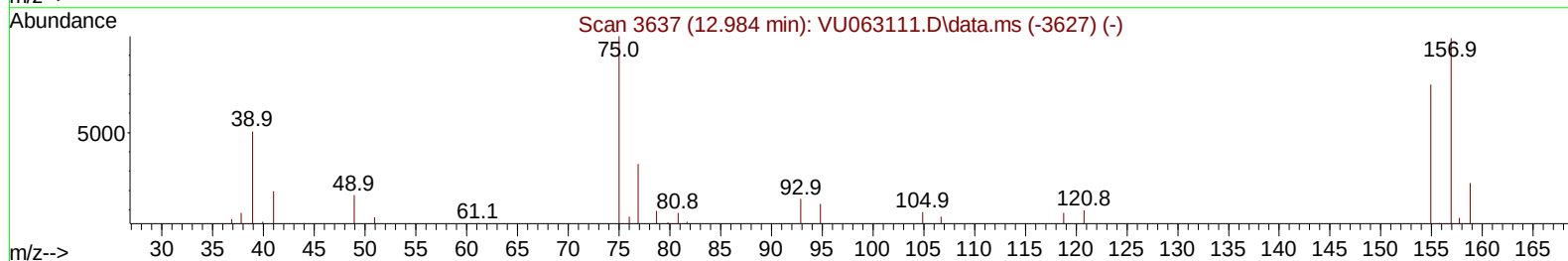
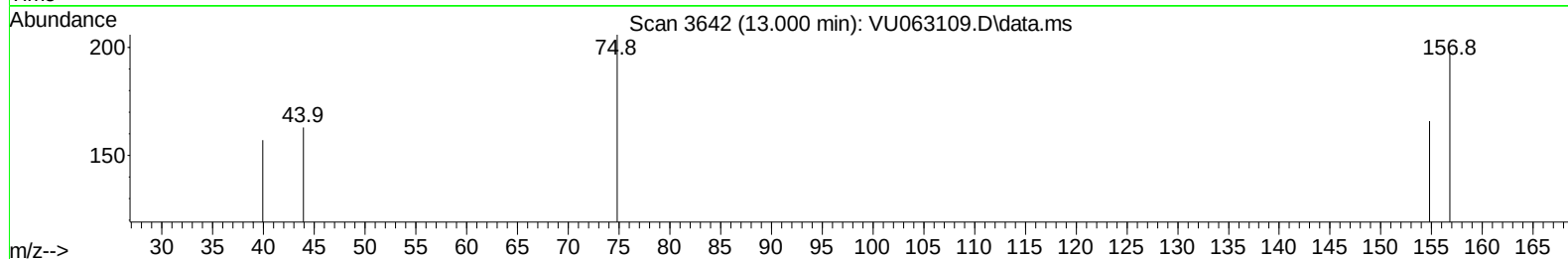
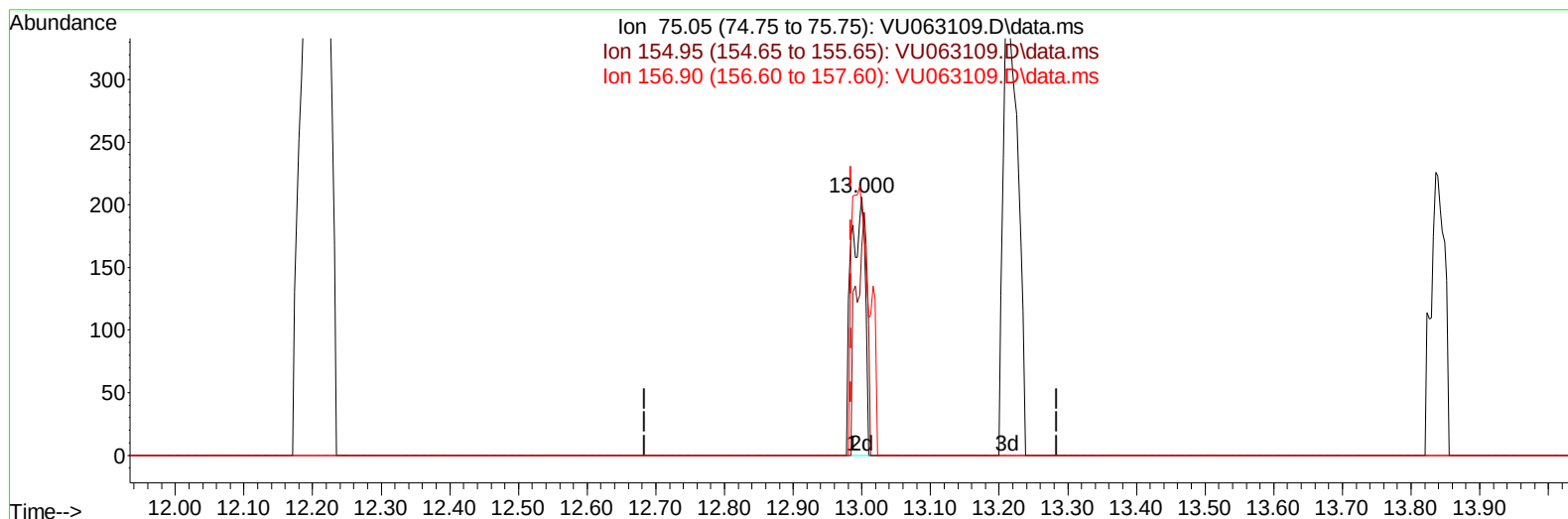
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Manual IntegrationsAPPROVED

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TIC: VU063109.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

13.000min (+ 0.016) 0.34 ug/L m

response 288

Ion	Exp%	Act%
75.05	100.00	100.00
154.95	74.90	80.58
156.90	99.00	96.12
0.00	0.00	0.00

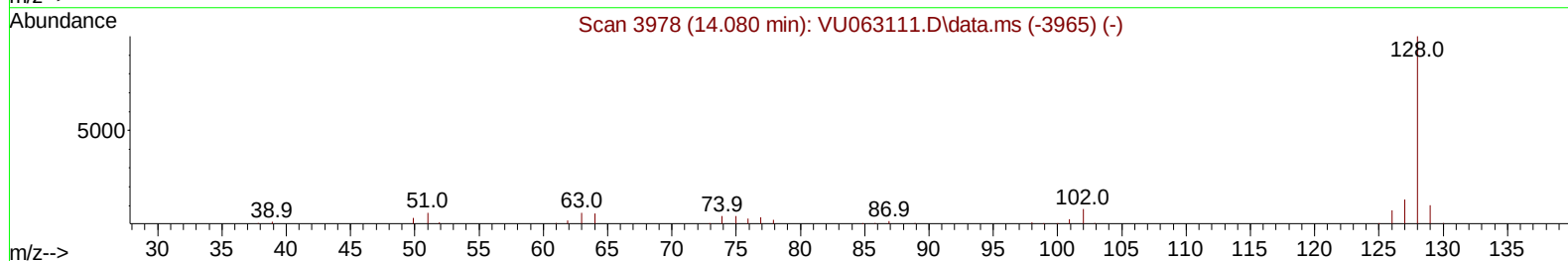
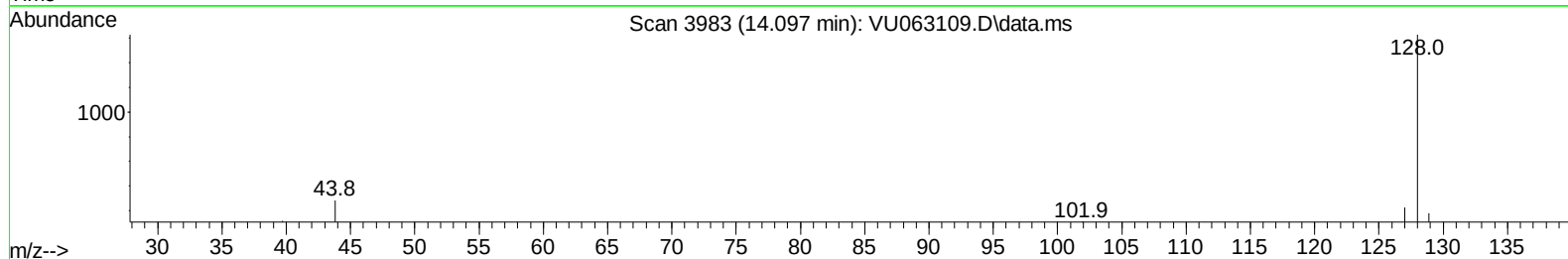
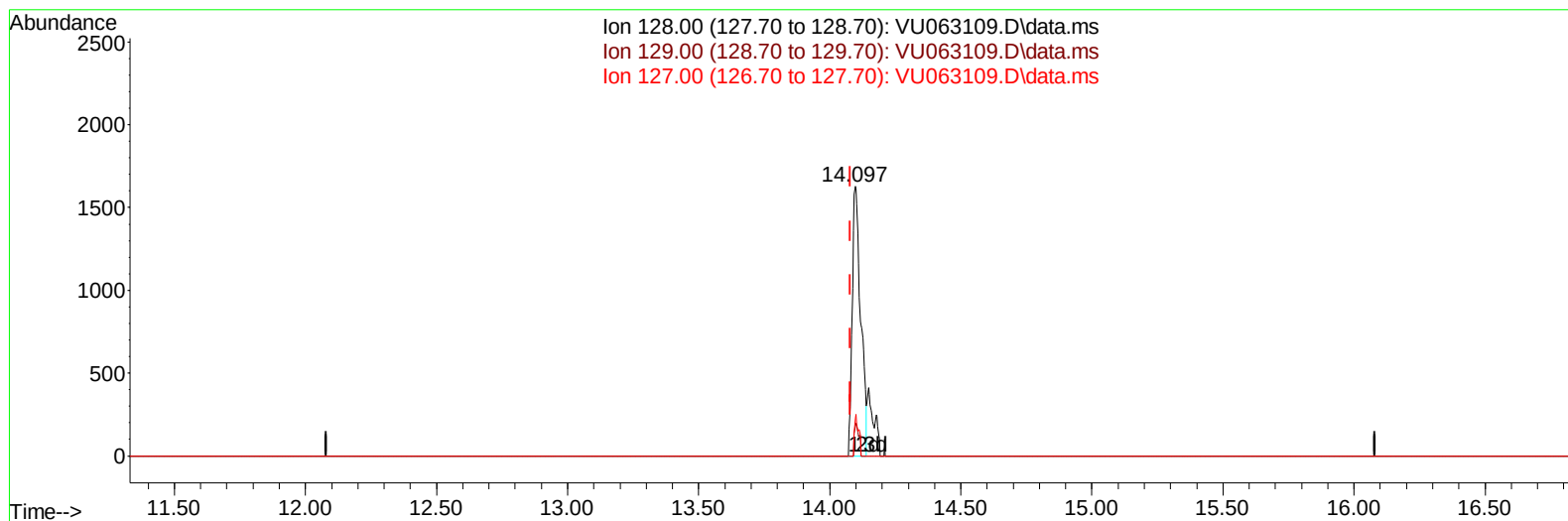
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TIC: VU063109.D\data.ms

(71) Naphthalene (MA)

14.097min (+ 0.016) 0.36 ug/L

response 3635

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.20	6.38#
127.00	13.10	7.43#
0.00	0.00	0.00

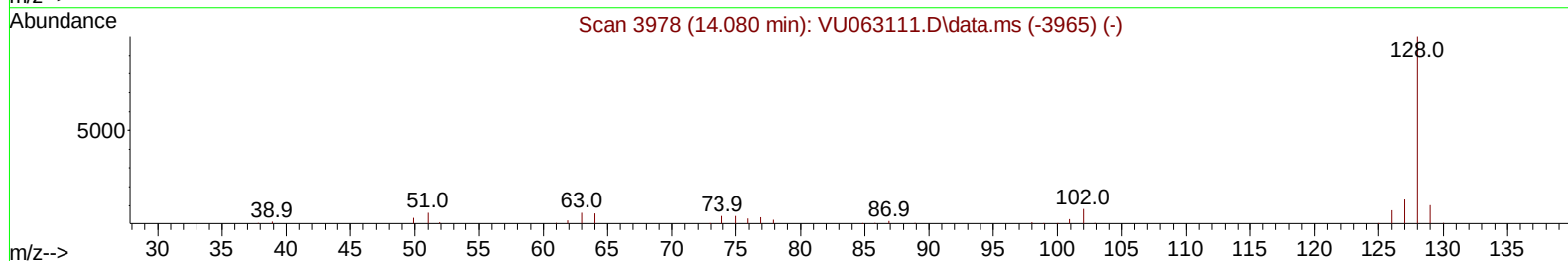
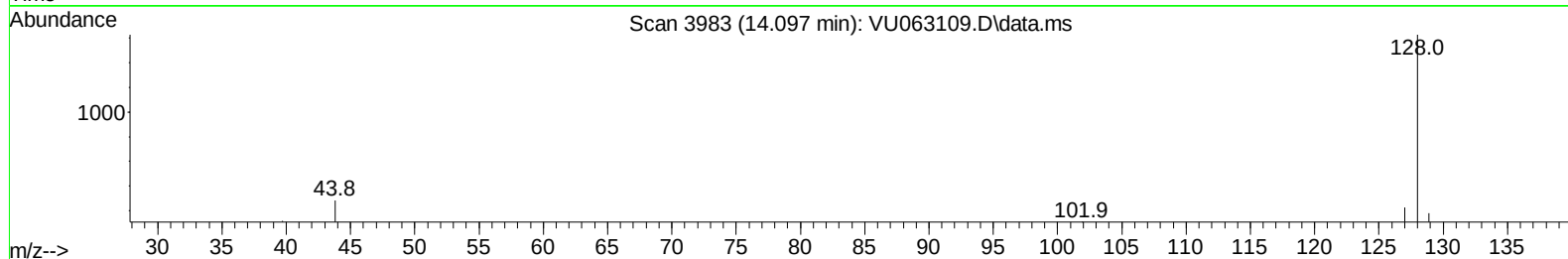
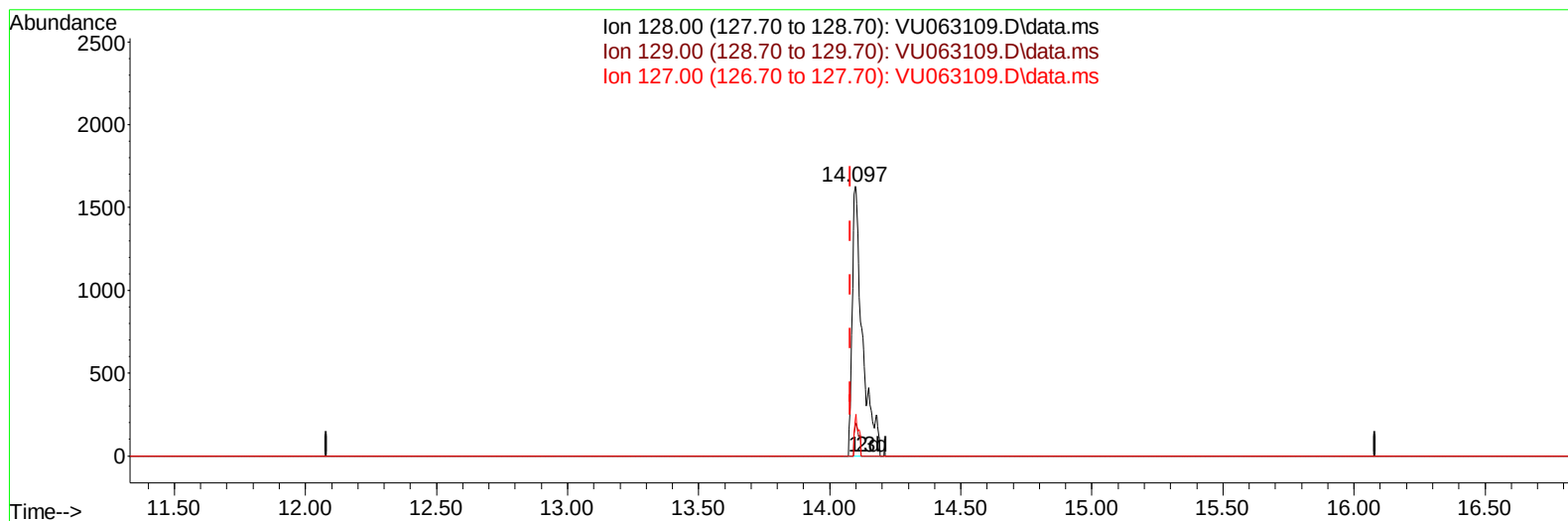
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
Data File : VU063109.D
Acq On : 03 Feb 2025 09:50
Operator : MD/SY
Sample : VSTD0.574
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTD0.5074

Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 02/04/2025

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Quant Title : TRACE VOA SFAM1.0
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TIC: VU063109.D\data.ms

(71) Naphthalene (MA)

14.097min (+ 0.016) 0.43 ug/L m

response 4399

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.20	5.27#
127.00	13.10	6.14#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020325\
 Data File : VU063109.D
 Acq On : 03 Feb 2025 09:50
 Operator : MD/SY
 Sample : VSTD0.574
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	94795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	87011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38331	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	2714	0.690	ug/L	0.00
7) Chloroethane-d5	1.901	69	2569	0.826	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1406	0.643	ug/L	0.00
20) 2-Butanone-d5	4.653	46	6285m	5.563	ug/L	0.05
24) Chloroform-d	5.052	84	6182	0.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	2834	0.380	ug/L	0.01
32) Benzene-d6	5.721	84	11378	0.535	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	4014	0.682	ug/L	0.00
41) Toluene-d8	7.891	98	10164	0.496	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	1438	0.454	ug/L	0.01
46) 2-Hexanone-d5	8.634	63	4957	5.469	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.749	84	2957	0.558	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	3201	0.463	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2937	0.378	ug/L	97
3) Chloromethane	1.518	50	3786	0.820	ug/L	97
5) Vinyl chloride	1.602	62	3618	0.710	ug/L	93
6) Bromomethane	1.846	94	1903	0.737	ug/L	100
8) Chloroethane	1.927	64	2331	0.870	ug/L	92
9) Trichlorofluoromethane	2.132	101	4960	0.446	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3455	0.598	ug/L	96
12) 1,1-Dichloroethene	2.570	96	2965	0.577	ug/L	89
13) Acetone	2.624	43	4274	6.274	ug/L	89
14) Carbon disulfide	2.785	76	9029	0.662	ug/L #	94
15) Methyl Acetate	2.965	43	883	0.605	ug/L #	56
16) Methylene chloride	3.033	84	3461	0.621	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	7408	0.493	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	2875	0.525	ug/L	92
19) 1,1-Dichloroethane	3.859	63	6197	0.628	ug/L	98
21) 2-Butanone	4.721	43	6179m	6.199	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	3511	0.531	ug/L	94
23) Bromochloromethane	4.975	128	1383	0.435	ug/L	82
25) Chloroform	5.078	83	6438	0.486	ug/L	89
27) 1,2-Dichloroethane	5.798	62	3544	0.397	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	4972	0.387	ug/L	98
30) Cyclohexane	5.377	56	4397	0.626	ug/L	96
31) Carbon tetrachloride	5.508	117	4327	0.358	ug/L	99
33) Benzene	5.766	78	13481	0.596	ug/L	100
34) Trichloroethene	6.541	95	3824	0.526	ug/L	87
35) Methylcyclohexane	6.753	83	4933	0.527	ug/L	96
37) 1,2-Dichloropropane	6.785	63	3418	0.637	ug/L #	90
38) Bromodichloromethane	7.100	83	4146	0.436	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	4567	0.487	ug/L	94
40) 4-Methyl-2-pentanone	7.785	43	16266	6.204	ug/L	96
42) Toluene	7.965	91	13344	0.511	ug/L	98

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 04 07:26:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.206	75	3837	0.458	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	2718	0.575	ug/L	92
47) Tetrachloroethene	8.547	164	2505	0.423	ug/L	96
48) 2-Hexanone	8.682	43	10917	5.963	ug/L #	95
49) Dibromochloromethane	8.798	129	2770	0.411	ug/L	93
50) 1,2-Dibromoethane	8.920	107	2222	0.479	ug/L #	89
51) Chlorobenzene	9.441	112	8295	0.470	ug/L	94
52) Ethylbenzene	9.566	91	13700	0.459	ug/L	100
53) m,p-Xylene	9.688	106	4908	0.433	ug/L	99
54) o-Xylene	10.097	106	4739	0.450	ug/L	98
55) Styrene	10.113	104	7688	0.432	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	3251	0.595	ug/L	99
59) Bromoform	10.283	173	1521	0.426	ug/L #	92
60) Isopropylbenzene	10.476	105	12968	0.516	ug/L	95
61) 1,2,3-Trichloropropane	10.814	75	2046	0.610	ug/L	91
62) 1,3,5-Trimethylbenzene	11.081	105	9611	0.445	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	8202	0.403	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	5854	0.473	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	6600	0.533	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	5864	0.501	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.000	75	288m	0.345	ug/L	
69) 1,3,5-Trichlorobenzene	13.216	180	4331	0.451	ug/L	93
70) 1,2,4-trichlorobenzene	13.839	180	2839	0.375	ug/L	98
71) Naphthalene	14.097	128	4399m	0.435	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	2551	0.389	ug/L	96

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

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