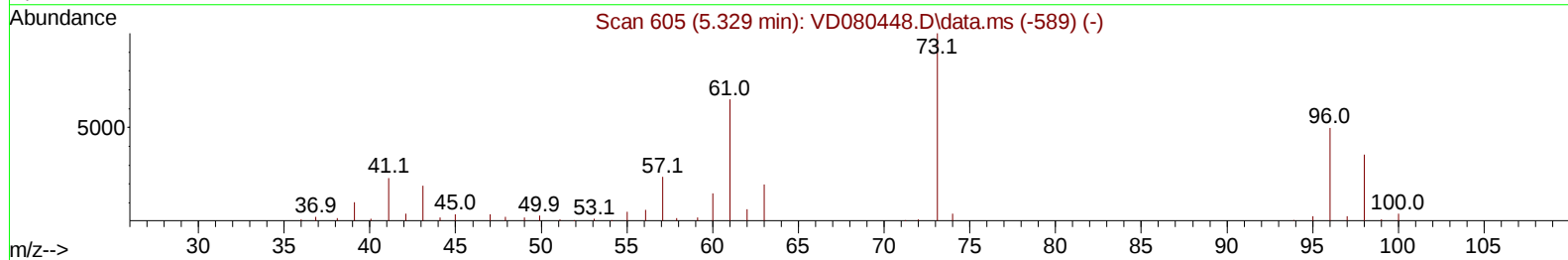
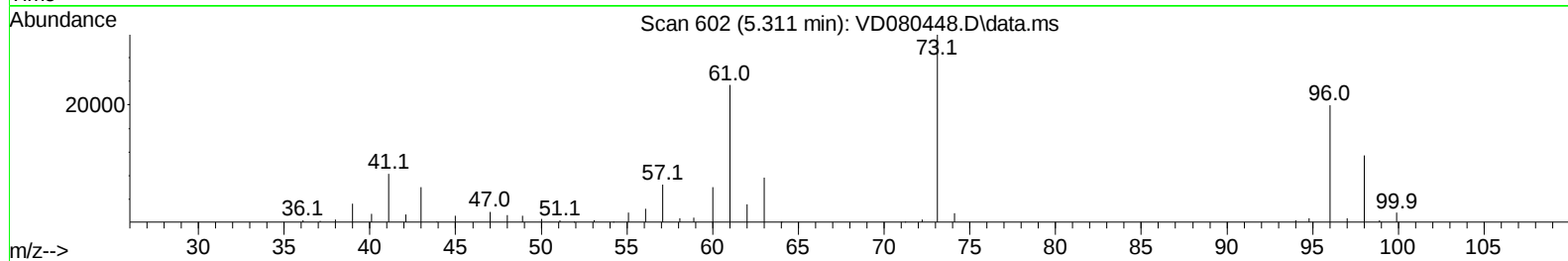
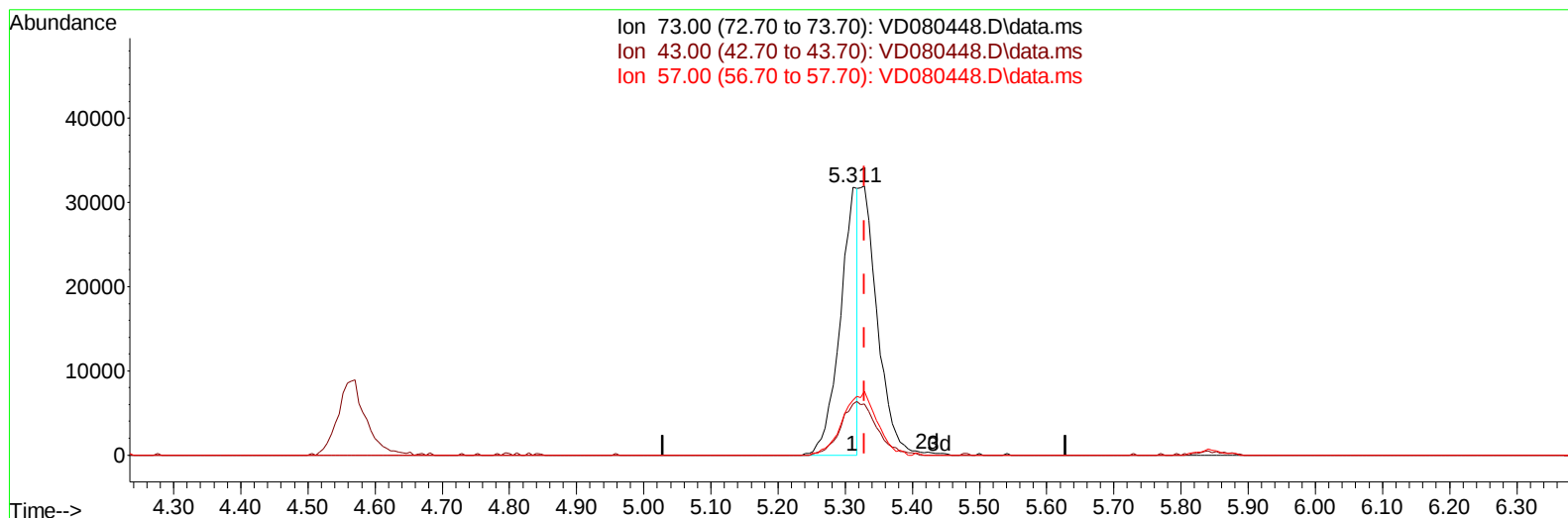


Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
Data File : VD080448.D
Acq On : 18 Jun 2025 10:28
Operator : RP/MD
Sample : VSTD02584
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 19 08:37:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 19 08:34:52 2025
Response via : Initial Calibration



TIC: VD080448.D\data.ms

(18) Methyl tert-butyl Ether (T)

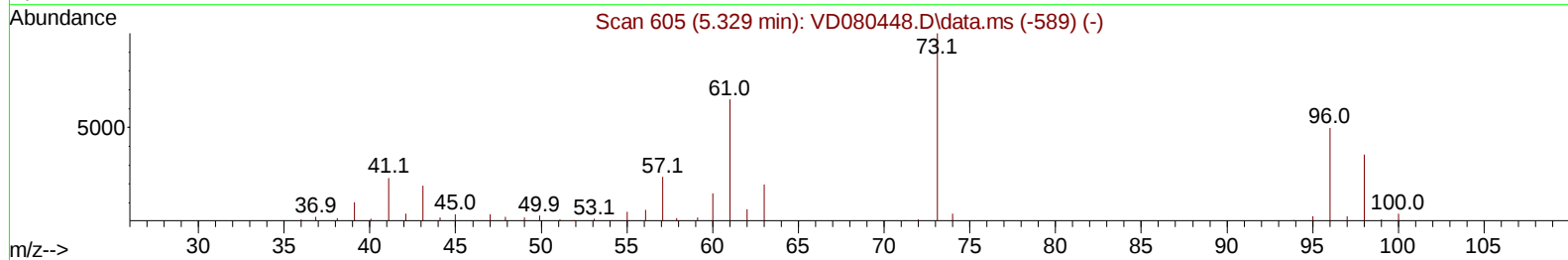
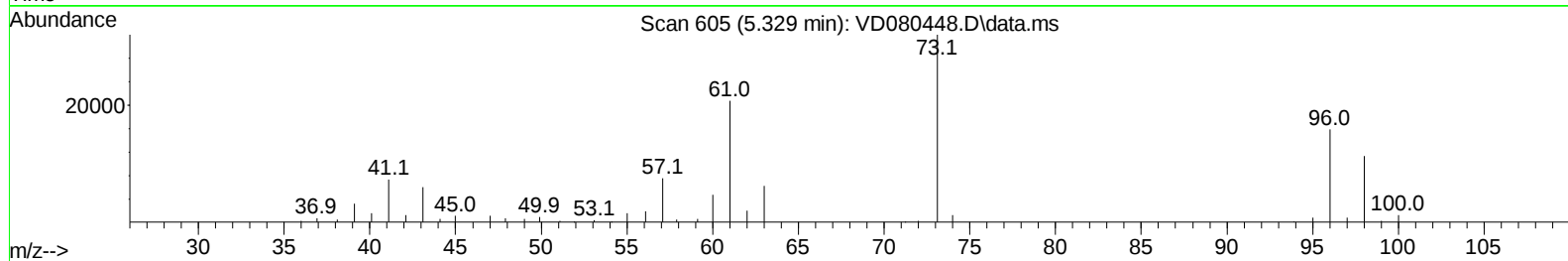
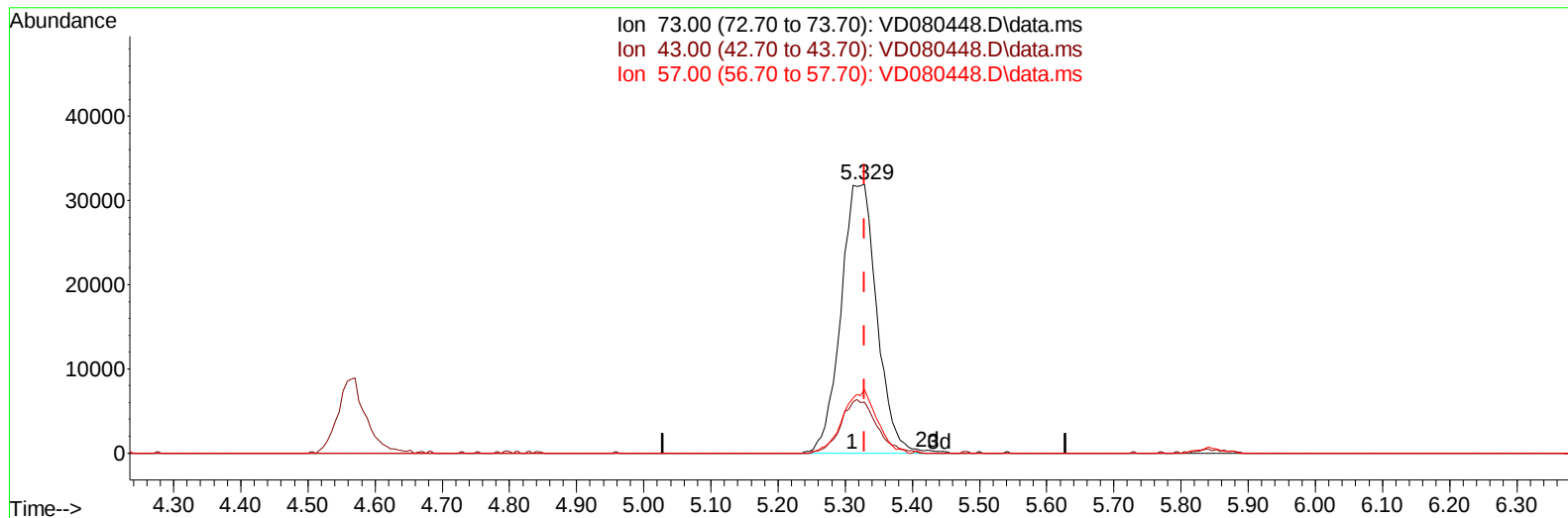
5.311min (-0.018) 10.68 ug/L

response 57970

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	19.80	40.40#
57.00	22.00	44.88#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061825\
Data File : VD080448.D
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Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 19 08:37:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 19 08:34:52 2025
Response via : Initial Calibration



TIC: VD080448.D\data.ms

(18) Methyl tert-butyl Ether (T)

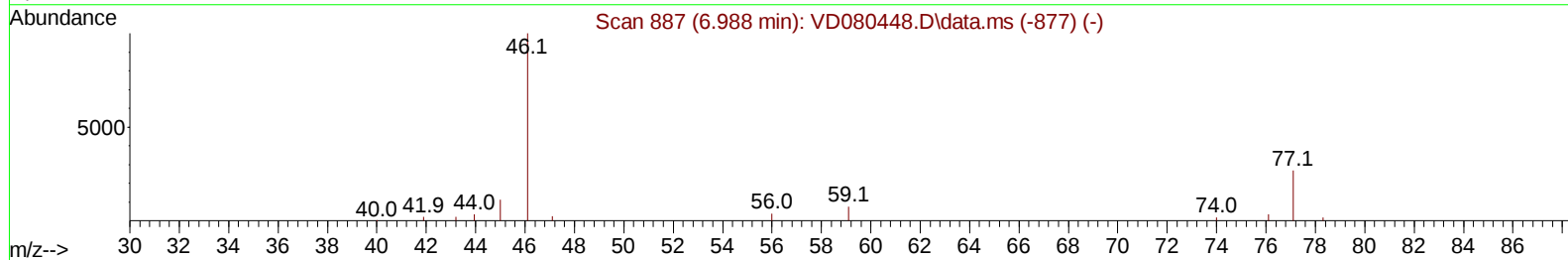
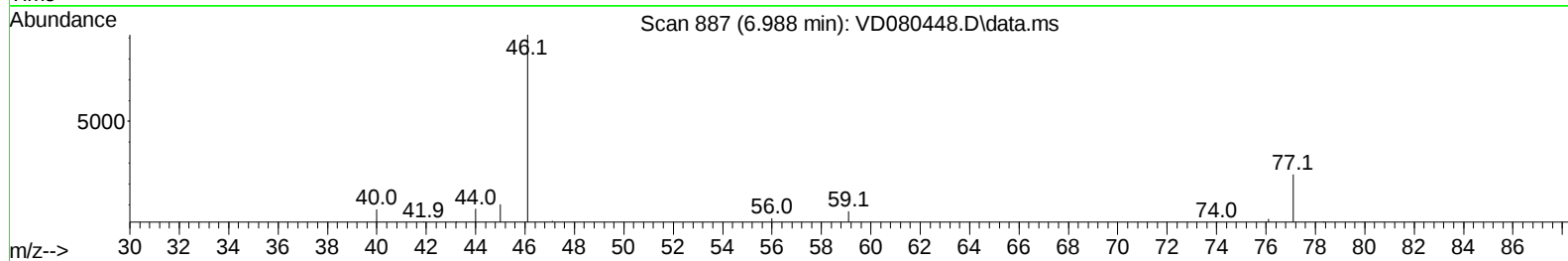
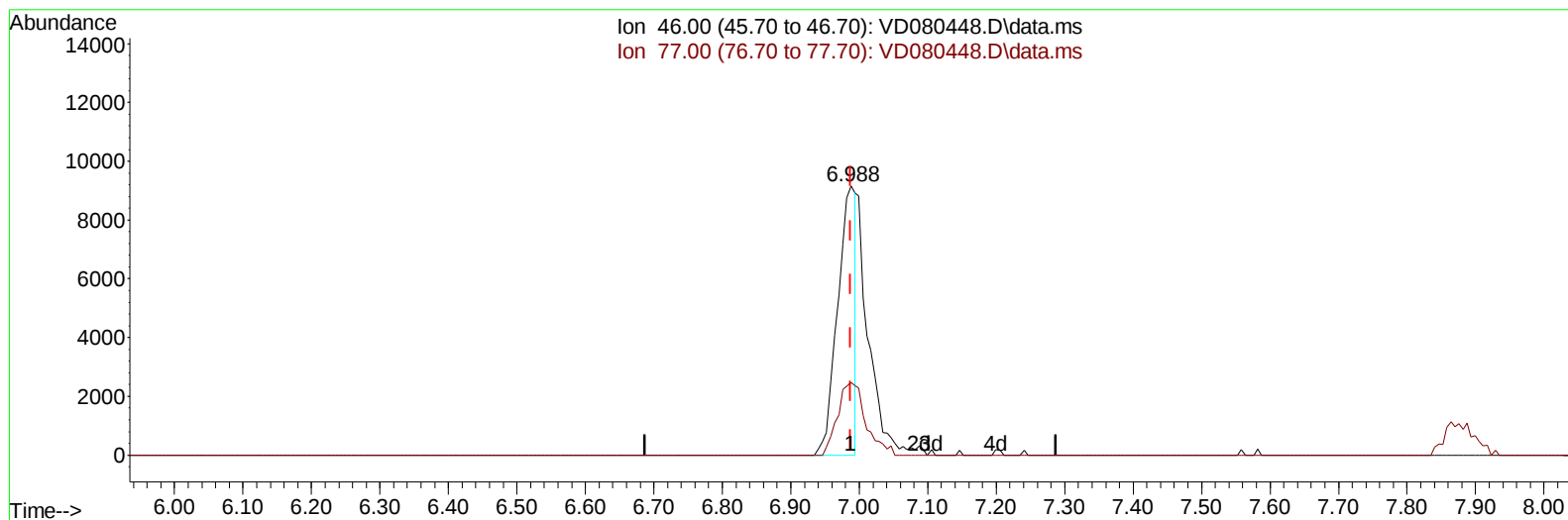
5.329min (0.000) 21.83 ug/L m

response 118461

Ion	Exp%	Act%
73.00	100.00	100.00
43.00	19.80	19.77
57.00	22.00	21.96
0.00	0.00	0.00

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Operator : RP/MD
Sample : VSTD02584
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 19 08:37:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 19 08:34:52 2025
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TIC: VD080448.D\data.ms

(21) 2-Butanone-d5 (S)

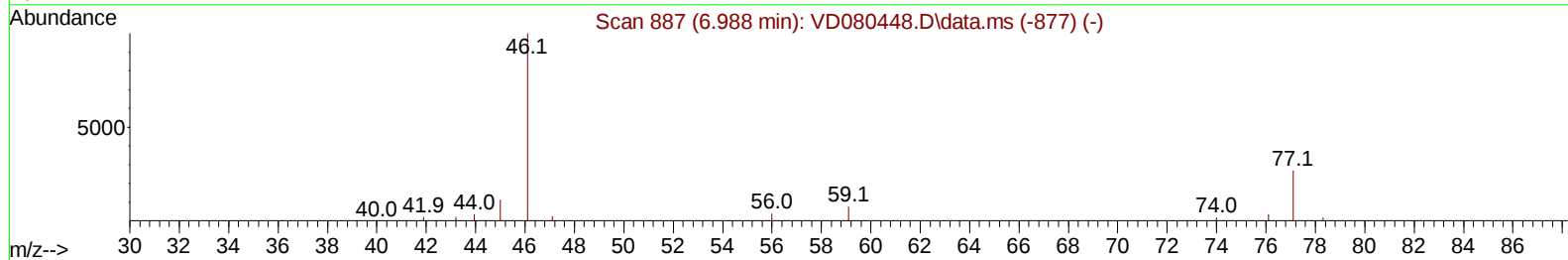
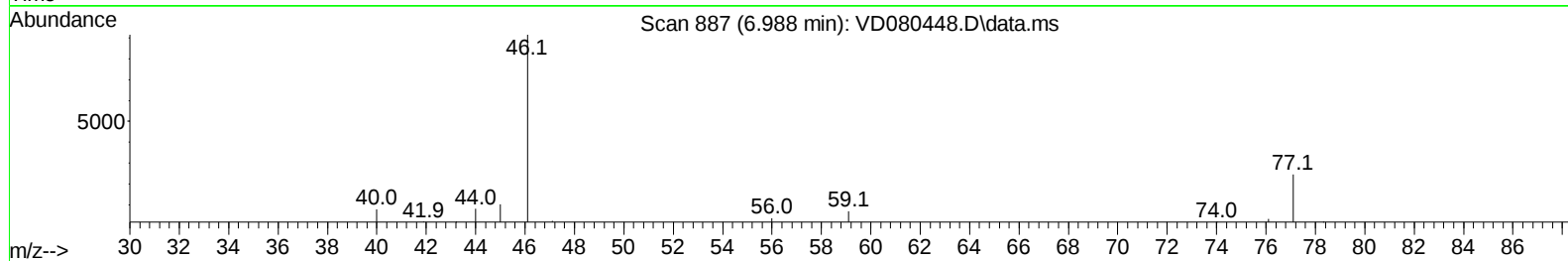
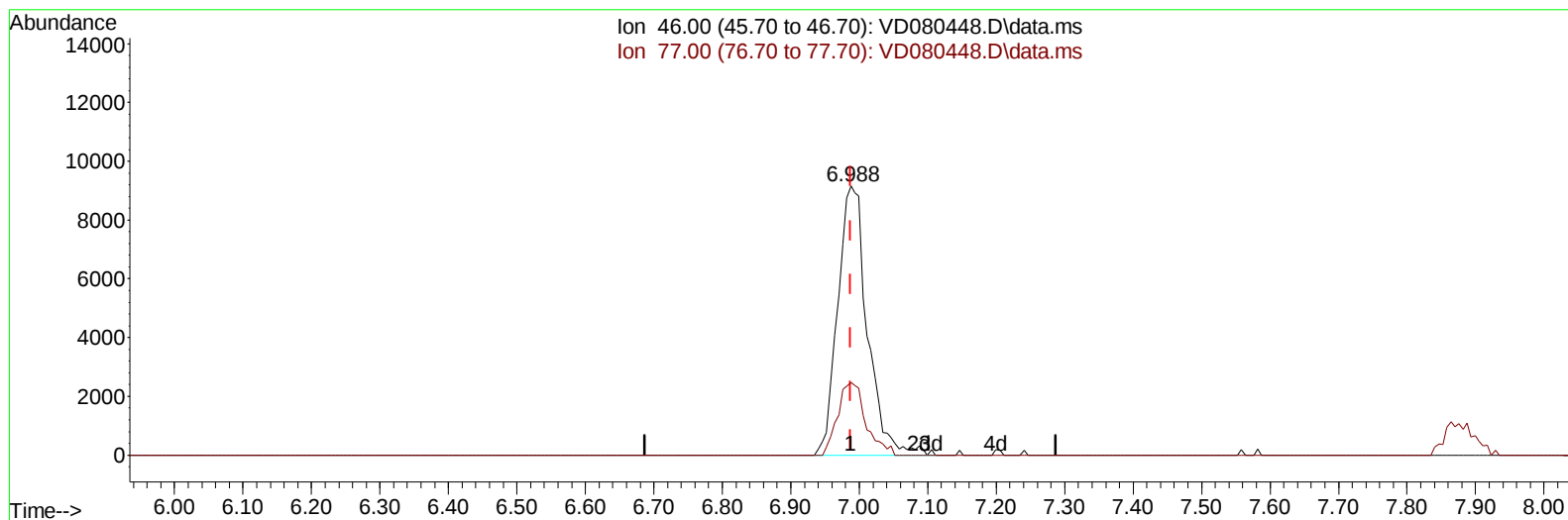
6.988min (0.000) 29.25 ug/L

response 16787

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.60	41.96#
0.00	0.00	0.00
0.00	0.00	0.00

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Operator : RP/MD
Sample : VSTD02584
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 19 08:37:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061825SMA.M
Quant Title : SFAM01.0
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TIC: VD080448.D\data.ms

(21) 2-Butanone-d5 (S)

6.988min (0.000) 48.02 ug/L m

response 27558

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.60	25.56
0.00	0.00	0.00
0.00	0.00	0.00

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 Quant Title : SFAM01.0
 QLast Update : Thu Jun 19 08:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.776	114	188692	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	185225	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.517	152	104522	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	75440	23.11	ug/L	0.00
7) Chloroethane-d5	2.805	69	66847	24.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	25977	23.04	ug/L	0.00
21) 2-Butanone-d5	6.988	46	27558m	48.02	ug/L	0.00
24) Chloroform-d	7.570	84	132157	24.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.229	65	68761	25.05	ug/L	0.00
32) Benzene-d6	8.205	84	259479	24.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.211	67	80272	23.93	ug/L	0.00
41) Toluene-d8	10.270	98	254836	25.81	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.529	79	36191	25.63	ug/L	0.00
47) 2-Hexanone-d5	10.876	63	25765	50.23	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.646	84	75672	25.24	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.811	152	95212	24.05	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.935	85	64646	21.55	ug/L	100
3) Chloromethane	2.147	50	62710	21.35	ug/L	100
5) Vinyl chloride	2.288	62	77864	22.37	ug/L	100
6) Bromomethane	2.700	94	45905	24.14	ug/L	100
8) Chloroethane	2.841	64	49328	21.11	ug/L	100
9) Trichlorofluoromethane	3.176	101	106886	22.92	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.970	101	67568	23.12	ug/L	100
12) 1,1-Dichloroethene	3.947	96	55322	22.04	ug/L	100
13) Acetone	4.023	43	21173	42.23	ug/L	100
14) Carbon disulfide	4.276	76	184592	21.84	ug/L	100
15) Methyl Acetate	4.570	43	25690	21.20	ug/L	100
16) Methylene chloride	4.805	84	63555	15.54	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	60463	21.65	ug/L	100
18) Methyl tert-butyl Ether	5.329	73	118461m	21.83	ug/L	
19) 1,1-Dichloroethane	6.117	63	105867	21.81	ug/L	100
20) cis-1,2-Dichloroethene	7.082	96	64498	21.77	ug/L	100
22) 2-Butanone	7.082	43	30534	44.60	ug/L	100
23) Bromochloromethane	7.423	128	35331	23.03	ug/L	100
25) Chloroform	7.593	83	124465	22.90	ug/L	100
27) 1,2-Dichloroethane	8.329	62	70847	22.83	ug/L	100
29) Cyclohexane	7.876	56	89418	22.57	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	100870	22.24	ug/L	100
31) Carbon tetrachloride	7.999	117	93700	22.14	ug/L	100
33) Benzene	8.252	78	250517	22.64	ug/L	100
34) Trichloroethene	9.029	95	66481	21.49	ug/L	100
35) Methylcyclohexane	9.276	83	103633	22.77	ug/L	100
37) 1,2-Dichloropropane	9.305	63	67919	22.35	ug/L	100
38) Bromodichloromethane	9.582	83	85167	21.63	ug/L	100
39) cis-1,3-Dichloropropene	10.017	75	99942	22.15	ug/L	100
40) 4-Methyl-2-pentanone	10.158	43	71213	46.47	ug/L	100
42) Toluene	10.335	91	280925	23.19	ug/L	100

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

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

44) trans-1,3-Dichloropropene	10.552	75	88392	22.71	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	54566	22.00	ug/L	100
46) Tetrachloroethene	10.811	164	62071	22.90	ug/L	100
48) 2-Hexanone	10.917	43	52629	46.94	ug/L	100
49) Dibromochloromethane	11.076	129	67459	22.82	ug/L	100
50) 1,2-Dibromoethane	11.176	107	52799	22.54	ug/L	100
51) Chlorobenzene	11.605	112	182559	22.08	ug/L	100
52) Ethylbenzene	11.681	91	298688	22.98	ug/L	100
53) m,p-Xylene	11.793	106	118939	23.66	ug/L	100
54) o-Xylene	12.117	106	110123	22.89	ug/L	100
55) Styrene	12.134	104	205246	23.93	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.670	83	65551	22.77	ug/L	100
59) Bromoform	12.299	173	47067	22.18	ug/L	100
60) Isopropylbenzene	12.417	105	296328	22.17	ug/L	100
61) 1,2,3-Trichloropropane	12.723	75	44718	21.45	ug/L	100
62) 1,3,5-Trimethylbenzene	12.905	105	228226	21.88	ug/L	100
63) 1,2,4-Trimethylbenzene	13.211	105	228944	22.20	ug/L	100
64) 1,3-Dichlorobenzene	13.458	146	153292	21.94	ug/L	100
65) 1,4-Dichlorobenzene	13.534	146	159716	22.01	ug/L	100
67) 1,2-Dichlorobenzene	13.828	146	140760	21.71	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.440	75	9616	20.37	ug/L	100
69) 1,3,5-Trichlorobenzene	14.593	180	100377	20.93	ug/L	100
70) 1,2,4-trichlorobenzene	15.093	180	84750	21.00	ug/L	100
71) Naphthalene	15.328	128	149919	20.90	ug/L	100
72) 1,2,3-Trichlorobenzene	15.517	180	81594	21.84	ug/L	100

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

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