

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062992.D
 Acq On : 24 Jan 2025 14:49
 Operator : MD/SY
 Sample : Q1174-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2934

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU062992.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.419	33	40	56	rBV3	22083	33082	9.98%	0.751%
2	1.567	81	86	92	rVB2	4213	4971	1.50%	0.113%
3	1.673	111	119	134	rBV3	36520	75120	22.66%	1.706%
4	1.827	163	167	180	rVB4	2962	4256	1.28%	0.097%
5	1.895	180	188	196	rBV2	8561	13472	4.06%	0.306%
6	2.020	219	227	238	rVB	19508	25801	7.78%	0.586%
7	2.679	422	432	446	rBV	46783	80816	24.38%	1.835%
8	2.804	460	471	483	rBV	53212	99285	29.95%	2.255%
9	2.904	495	502	517	rVB	17082	33891	10.22%	0.770%
10	3.129	558	572	580	rBV3	5166	14284	4.31%	0.324%
11	3.476	668	680	698	rVB2	15136	32817	9.90%	0.745%
12	3.997	824	842	857	rBV2	27855	66478	20.05%	1.510%
13	4.367	945	957	971	rBV6	3196	6949	2.10%	0.158%
14	4.772	1070	1083	1103	rBV6	23618	79243	23.90%	1.800%
15	5.158	1190	1203	1218	rBV	50671	110019	33.19%	2.499%
16	5.746	1373	1386	1402	rBV	83715	168783	50.91%	3.833%
17	5.853	1404	1419	1431	rBV2	120975	282707	85.28%	6.420%
18	6.287	1545	1554	1563	rBV3	4032	6715	2.03%	0.153%
19	6.348	1563	1573	1597	rVB	131518	244861	73.86%	5.561%
20	6.631	1649	1661	1681	rBV3	35573	70749	21.34%	1.607%
21	6.721	1681	1689	1694	rBV6	3789	5499	1.66%	0.125%
22	6.772	1695	1705	1723	rVB	77901	146811	44.29%	3.334%
23	6.872	1723	1736	1748	rBV3	9406	20527	6.19%	0.466%
24	7.245	1837	1852	1855	rBV6	4852	8425	2.54%	0.191%
25	7.312	1866	1873	1887	rVB8	4862	8958	2.70%	0.203%
26	7.618	1956	1968	1985	rBV	42716	74720	22.54%	1.697%
27	7.846	2024	2039	2058	rBV2	53828	132520	39.97%	3.010%
28	7.943	2058	2069	2082	rVV	180605	323596	97.61%	7.349%
29	8.010	2082	2090	2107	rVV	83240	154935	46.74%	3.519%
30	8.078	2107	2111	2122	rVB3	4210	6787	2.05%	0.154%
31	8.219	2144	2155	2167	rBV2	29318	50876	15.35%	1.155%
32	8.299	2167	2180	2192	rBV7	4414	13206	3.98%	0.300%
33	8.425	2212	2219	2224	rBV4	3053	3767	1.14%	0.086%
34	8.666	2282	2294	2333	rBV	126673	296381	89.40%	6.731%
35	9.061	2409	2417	2428	rVB6	3952	6597	1.99%	0.150%
36	9.434	2521	2533	2557	rVB	186169	331513	100.00%	7.529%

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Integrator: RTE

Smoothing : ON

Sampling : 1

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Stop Thrs : 0

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Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Title : TRACE VOA SFAM1.0

37	9.586	2568	2580	2590	rBV2	18907	32503	9.80%	0.738%
38	9.705	2604	2617	2632	rBV2	60862	109571	33.05%	2.488%
39	10.007	2700	2711	2714	rBV5	2520	4029	1.22%	0.092%
40	10.110	2734	2743	2765	rVB3	21976	46696	14.09%	1.060%
41	10.245	2776	2785	2800	rVB	8341	14708	4.44%	0.334%
42	10.704	2917	2928	2934	rBV7	3245	4962	1.50%	0.113%
43	10.753	2934	2943	2956	rVB3	67299	109005	32.88%	2.476%
44	10.888	2977	2985	2995	rBV3	4968	8066	2.43%	0.183%
45	11.000	3014	3020	3025	rBV4	2725	3794	1.14%	0.086%
46	11.090	3041	3048	3051	rBV4	3465	4052	1.22%	0.092%
47	11.119	3051	3057	3063	rVB6	3286	4801	1.45%	0.109%
48	11.467	3156	3165	3181	rVB3	14028	25332	7.64%	0.575%
49	11.573	3189	3198	3204	rBV4	4076	6701	2.02%	0.152%
50	11.743	3243	3251	3257	rBV8	4099	6491	1.96%	0.147%
51	11.807	3257	3271	3288	rVV	187267	329696	99.45%	7.488%
52	11.894	3290	3298	3310	rVB2	7669	13757	4.15%	0.312%
53	12.065	3338	3351	3353	rBV2	11548	16293	4.91%	0.370%
54	12.187	3378	3389	3405	rVB	166400	279097	84.19%	6.338%
55	12.450	3462	3471	3479	rBV	5637	9480	2.86%	0.215%
56	12.566	3500	3507	3512	rVB7	2619	3564	1.08%	0.081%
57	12.637	3523	3529	3536	rBV7	3094	3857	1.16%	0.088%
58	12.765	3561	3569	3578	rBV3	6689	9675	2.92%	0.220%
59	12.939	3613	3623	3630	rBV3	10146	16257	4.90%	0.369%
60	13.019	3640	3648	3656	rVB6	4371	7786	2.35%	0.177%
61	13.280	3716	3729	3744	rBV6	14782	33167	10.00%	0.753%
62	13.441	3772	3779	3795	rVB6	8218	13851	4.18%	0.315%
63	13.614	3826	3833	3840	rVB6	3462	4884	1.47%	0.111%
64	13.727	3859	3868	3879	rVB8	5564	8943	2.70%	0.203%
65	13.833	3890	3901	3908	rBV8	8063	16612	5.01%	0.377%
66	14.026	3952	3961	3970	rBV8	8923	14320	4.32%	0.325%
67	14.077	3973	3977	3987	rVB2	3710	4768	1.44%	0.108%
68	14.679	4150	4164	4170	rBV8	3015	5447	1.64%	0.124%
69	14.720	4170	4177	4183	rBV9	2727	4127	1.24%	0.094%
70	14.868	4216	4223	4230	rVB9	3049	4138	1.25%	0.094%
71	15.007	4258	4266	4272	rVB6	4688	6548	1.98%	0.149%
72	15.219	4324	4332	4342	rVB2	4249	6358	1.92%	0.144%
73	15.402	4382	4389	4399	rBV2	5364	7773	2.34%	0.177%
74	15.473	4399	4411	4431	rBV	54118	102642	30.96%	2.331%
75	15.868	4525	4534	4538	rBV10	2905	4455	1.34%	0.101%
76	15.907	4539	4546	4554	rVV10	4931	8087	2.44%	0.184%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Title : TRACE VOA SFAM1.0

77	15.990	4566	4572	4582	rVB9	4675	6214	1.87%	0.141%
78	16.074	4591	4598	4603	rBV8	3766	5071	1.53%	0.115%
79	16.251	4648	4653	4663	rBV8	2937	4112	1.24%	0.093%
80	16.399	4691	4699	4707	rBV7	5306	8727	2.63%	0.198%
81	16.441	4707	4712	4720	rVB9	3179	4471	1.35%	0.102%
82	16.756	4800	4810	4817	rBV4	10034	14250	4.30%	0.324%
83	16.871	4838	4846	4853	rBV4	2894	4691	1.42%	0.107%

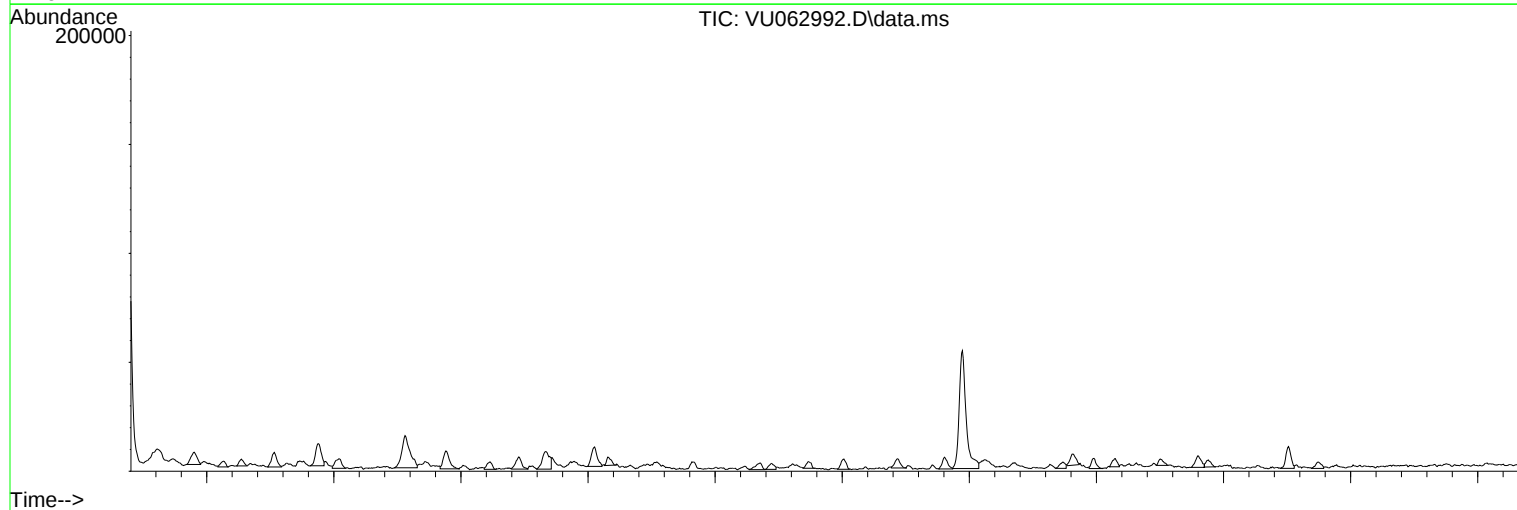
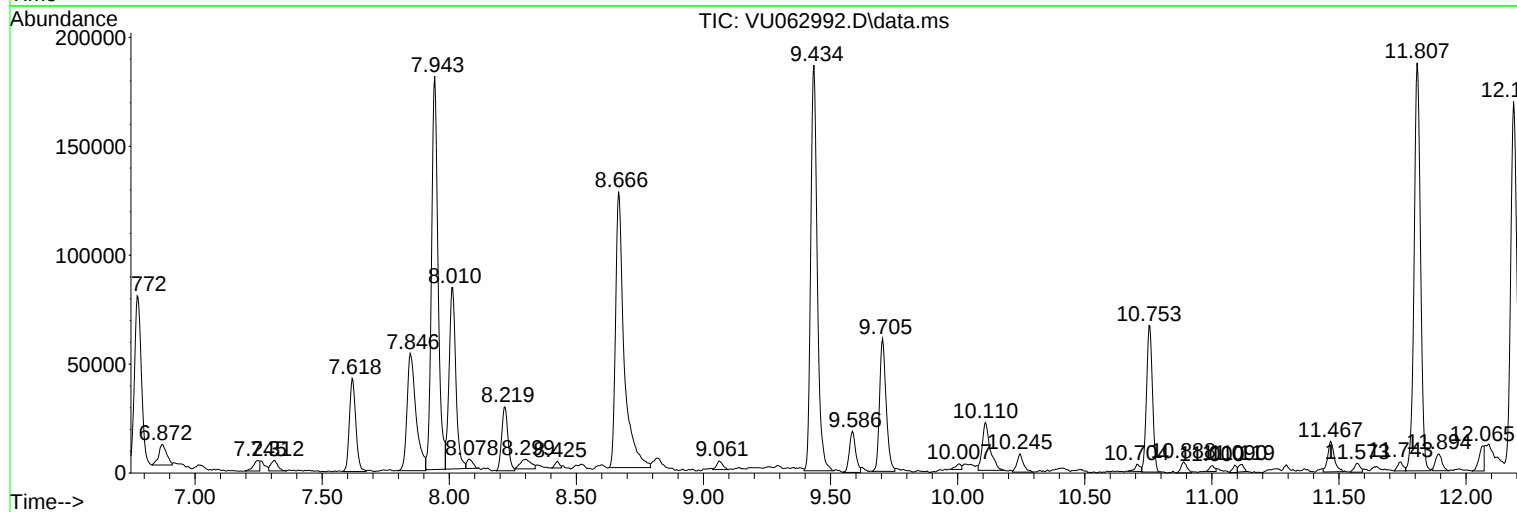
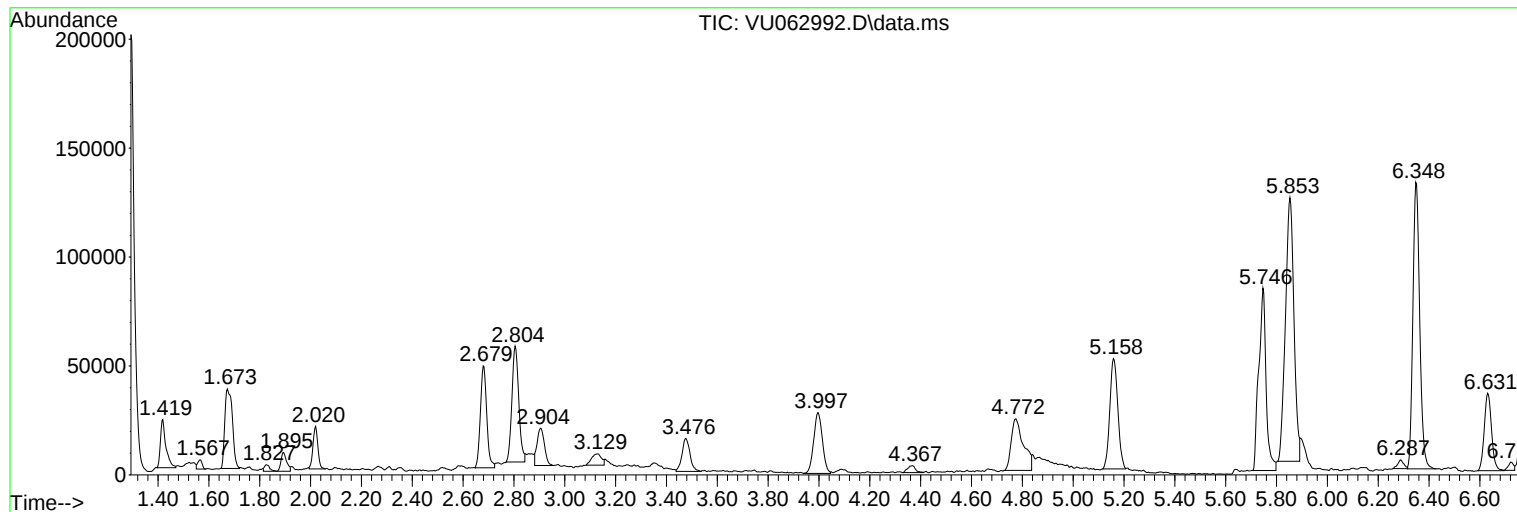
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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

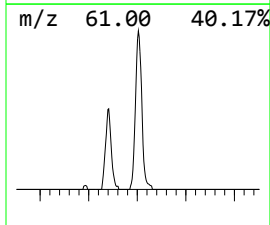
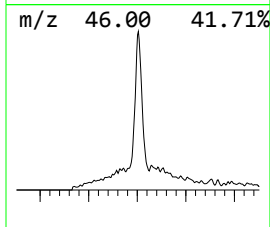
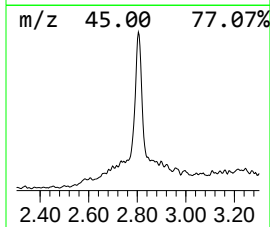
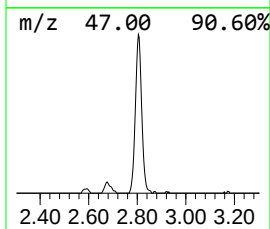
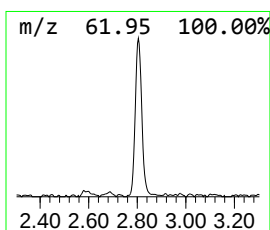
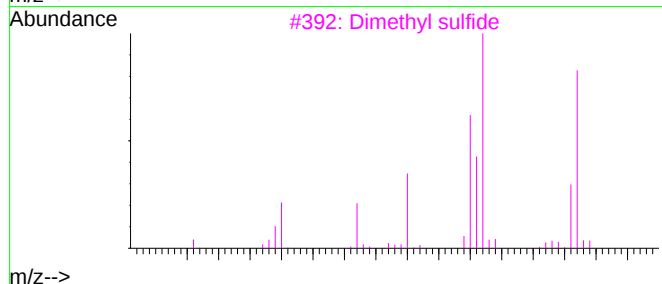
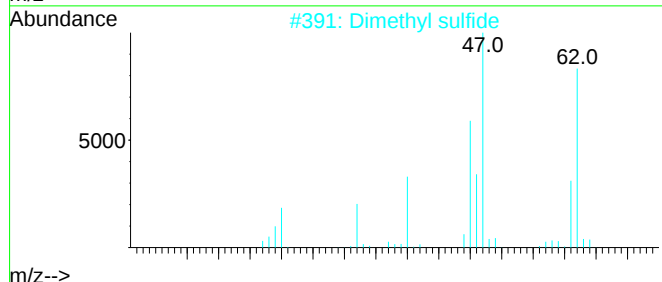
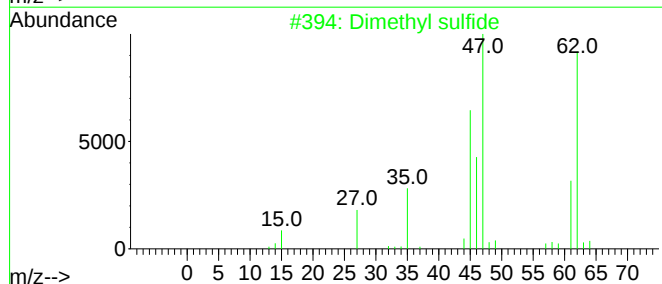
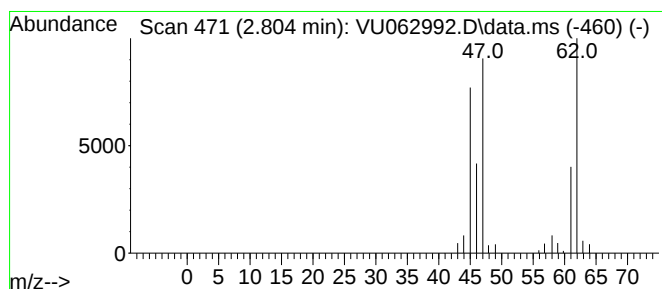
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.804	2.03 ug/L	99285	1,4-Difluorobenzene	6.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Dimethyl sulfide	62	C2H6S	000075-18-3	94
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	90
5	Dimethyl sulfide	62	C2H6S	000075-18-3	90



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Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

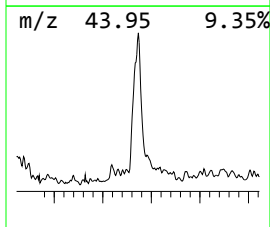
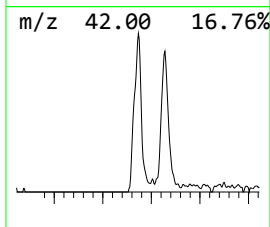
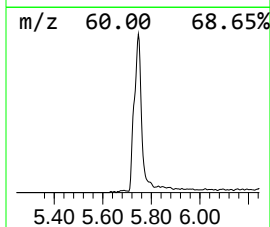
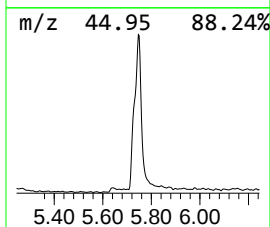
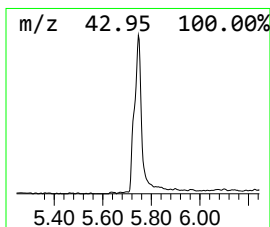
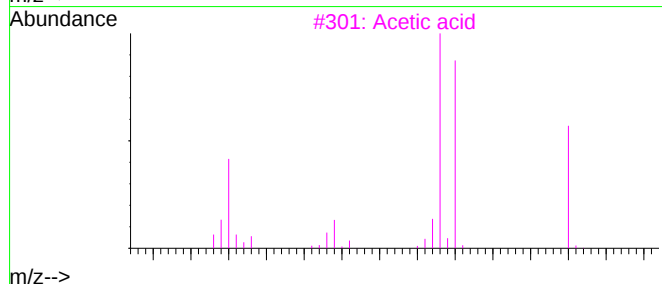
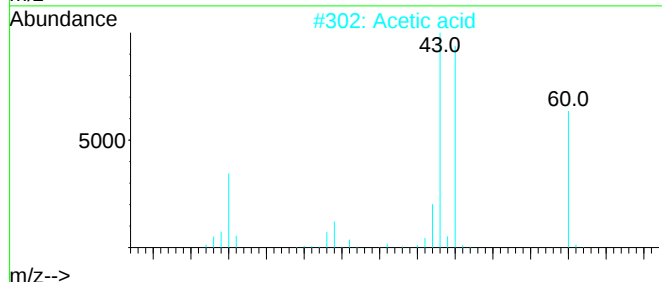
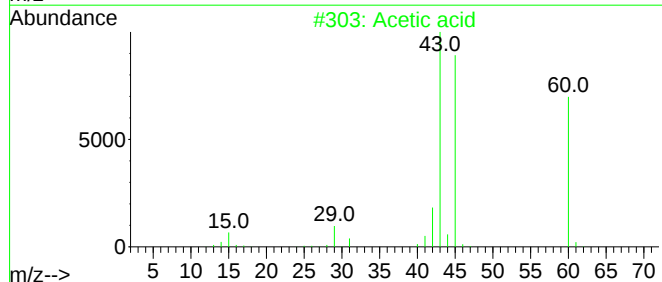
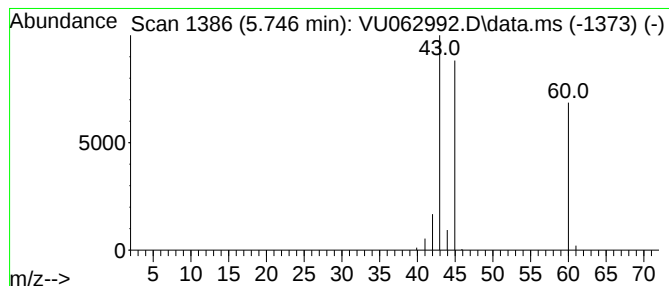
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Acetic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.746	3.45 ug/L	168783	1,4-Difluorobenzene	6.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	90
2	Acetic acid	60	C2H4O2	000064-19-7	83
3	Acetic acid	60	C2H4O2	000064-19-7	83
4	Acetic acid	60	C2H4O2	000064-19-7	83
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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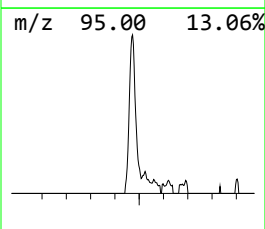
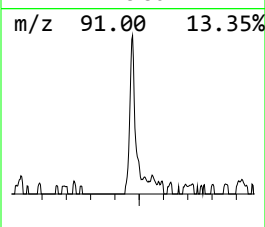
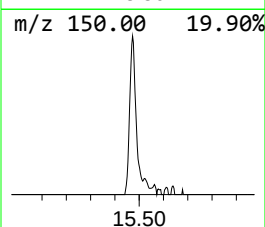
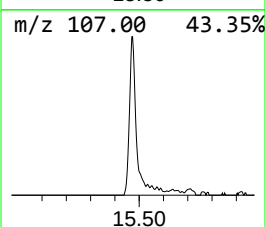
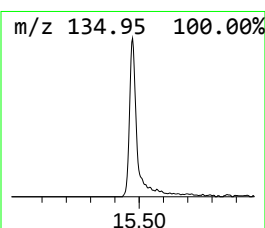
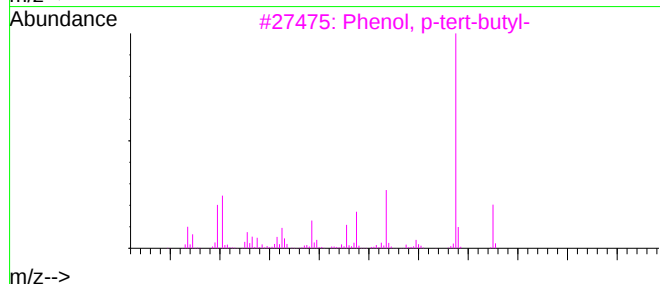
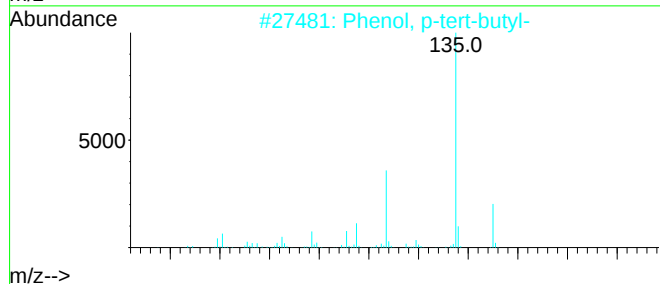
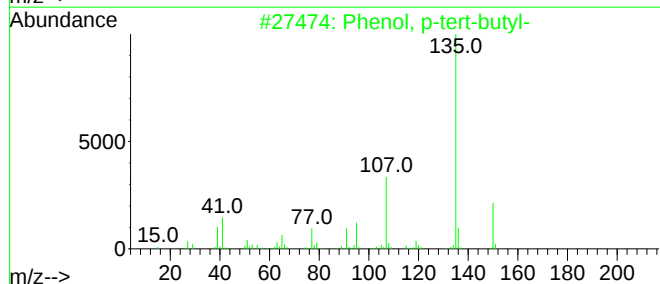
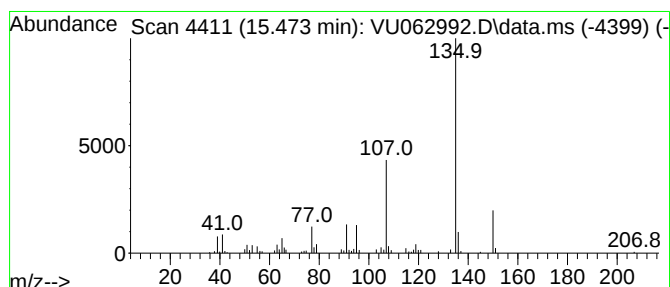
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.473	1.56 ug/L	102642	1,4-Dichlorobenzene-d4		11.807	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-		150	C10H14O	000098-54-4	97
2	Phenol, p-tert-butyl-		150	C10H14O	000098-54-4	97
3	Phenol, p-tert-butyl-		150	C10H14O	000098-54-4	93
4	Phenol, p-tert-butyl-		150	C10H14O	000098-54-4	93
5	Phenol, m-tert-butyl-		150	C10H14O	000585-34-2	91



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	2.804	2.0	ug/L	99285	1	6.351	244861	5.0
Acetic acid	5.746	3.5	ug/L	168783	1	6.351	244861	5.0
Phenol, p-tert-...	15.473	1.6	ug/L	102642	3	11.807	329696	5.0