

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051525.D
 Acq On : 27 Oct 2022 01:16
 Operator : JC/MD
 Sample : N5300-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA91

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

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU051525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.472	32	41	51	rBV	161538	304822	26.92%	3.064%
2	1.597	75	80	85	rBV	132890	142876	12.62%	1.436%
3	1.909	171	177	189	rVB	110857	148747	13.14%	1.495%
4	2.565	369	381	394	rBV2	188574	306495	27.07%	3.081%
5	2.755	432	440	450	rBV	12934	24046	2.12%	0.242%
6	3.186	559	574	592	rVB	12399	29947	2.65%	0.301%
7	3.861	760	784	786	rBV	14060	39249	3.47%	0.395%
8	3.993	811	825	840	rBV3	7759	18093	1.60%	0.182%
9	4.620	1008	1020	1056	rBV	197997	496126	43.82%	4.988%
10	5.060	1140	1157	1179	rBV	183438	405570	35.82%	4.077%
11	5.723	1342	1363	1377	rBV2	368692	982066	86.74%	9.873%
12	6.247	1513	1526	1545	rBV	316319	608588	53.75%	6.118%
13	6.690	1648	1664	1681	rBV	235836	460964	40.71%	4.634%
14	7.565	1920	1936	1951	rBV	84580	151485	13.38%	1.523%
15	7.896	2026	2039	2054	rBV	407303	700077	61.83%	7.038%
16	7.970	2056	2062	2079	rVB3	10065	19376	1.71%	0.195%
17	8.179	2115	2127	2141	rBV2	51533	89693	7.92%	0.902%
18	8.632	2254	2268	2308	rBV2	585553	1132187	100.00%	11.382%
19	9.414	2495	2511	2548	rBV	468517	869427	76.79%	8.741%
20	9.571	2548	2560	2571	rBV3	13569	23975	2.12%	0.241%
21	9.694	2587	2598	2608	rBV3	15579	26916	2.38%	0.271%
22	9.838	2632	2643	2653	rBV4	8238	12598	1.11%	0.127%
23	10.099	2714	2724	2735	rBV	21129	35940	3.17%	0.361%
24	10.587	2867	2876	2889	rBV8	8740	18656	1.65%	0.188%
25	10.658	2889	2898	2910	rVV3	14801	23766	2.10%	0.239%
26	10.755	2912	2928	2943	rVV	205323	341220	30.14%	3.430%
27	10.883	2956	2968	2982	rBV6	36633	72073	6.37%	0.725%
28	11.230	3065	3076	3087	rBV3	10810	17480	1.54%	0.176%
29	11.346	3102	3112	3122	rVB3	16796	27888	2.46%	0.280%
30	11.468	3140	3150	3162	rVB4	10002	16433	1.45%	0.165%
31	11.809	3242	3256	3274	rBV	436551	735098	64.93%	7.390%
32	11.893	3275	3282	3295	rVB4	8850	16481	1.46%	0.166%
33	12.060	3325	3334	3340	rBV4	11582	20912	1.85%	0.210%
34	12.092	3341	3344	3356	rVB3	13403	17672	1.56%	0.178%
35	12.192	3362	3375	3402	rVB	389839	643127	56.80%	6.465%
36	12.857	3573	3582	3603	rVB2	38150	63691	5.63%	0.640%

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37	13.012	3622	3630	3644	rVB2	6069	13069	1.15%	0.131%
38	13.603	3805	3814	3823	rBV3	14984	25403	2.24%	0.255%
39	13.848	3881	3890	3904	rBV3	20038	33924	3.00%	0.341%
40	13.947	3907	3921	3926	rBV4	17806	32359	2.86%	0.325%
41	13.992	3926	3935	3949	rVB3	45075	80600	7.12%	0.810%
42	14.092	3956	3966	3978	rBV3	14036	30290	2.68%	0.305%
43	14.279	4010	4024	4040	rBV3	8031	23233	2.05%	0.234%
44	14.555	4095	4110	4120	rBV	11438	22317	1.97%	0.224%
45	14.899	4207	4217	4226	rVV3	25066	39343	3.47%	0.396%
46	14.973	4231	4240	4255	rBV6	24894	54262	4.79%	0.546%
47	15.073	4255	4271	4281	rVV2	128257	231505	20.45%	2.327%
48	15.124	4281	4287	4302	rVB6	23476	46262	4.09%	0.465%
49	15.266	4322	4331	4341	rBV7	27616	47701	4.21%	0.480%
50	15.320	4341	4348	4356	rVB3	10886	17733	1.57%	0.178%
51	15.549	4410	4419	4430	rVB2	20398	34751	3.07%	0.349%
52	15.787	4482	4493	4509	rBV10	14384	34032	3.01%	0.342%
53	16.414	4681	4688	4696	rBV7	7626	11587	1.02%	0.116%
54	16.677	4765	4770	4786	rVB7	9744	18752	1.66%	0.189%
55	16.764	4790	4797	4808	rVB7	18631	29558	2.61%	0.297%
56	16.886	4825	4835	4845	rBV3	37982	60447	5.34%	0.608%
57	16.941	4846	4852	4866	rVB3	9314	16183	1.43%	0.163%

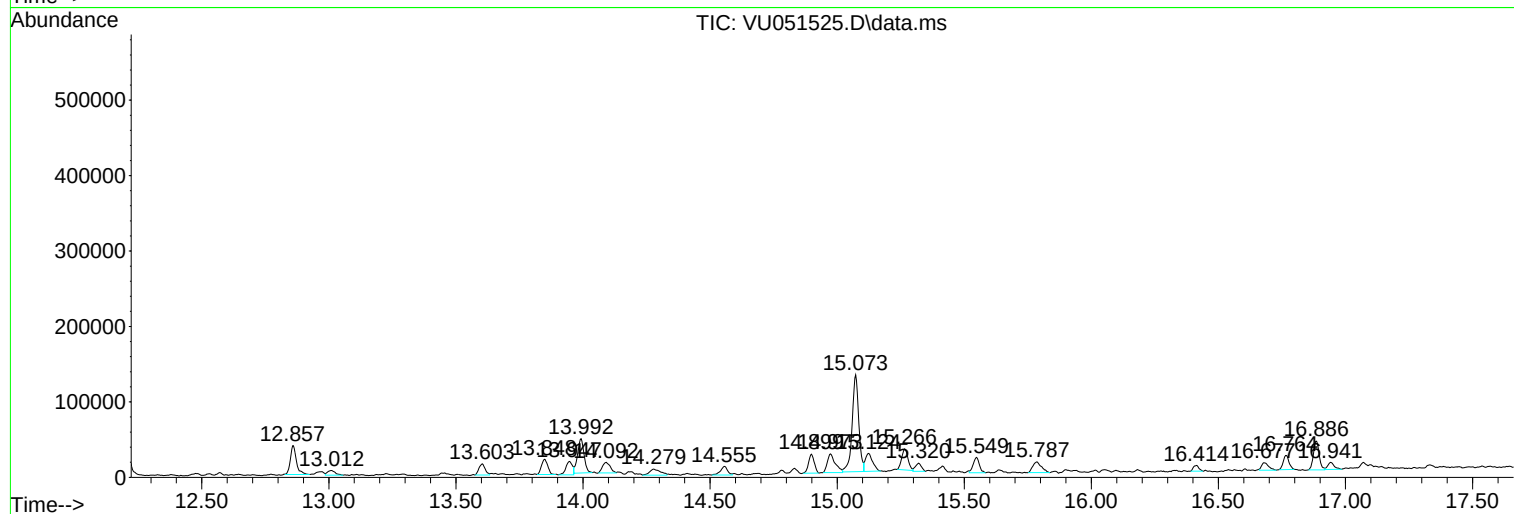
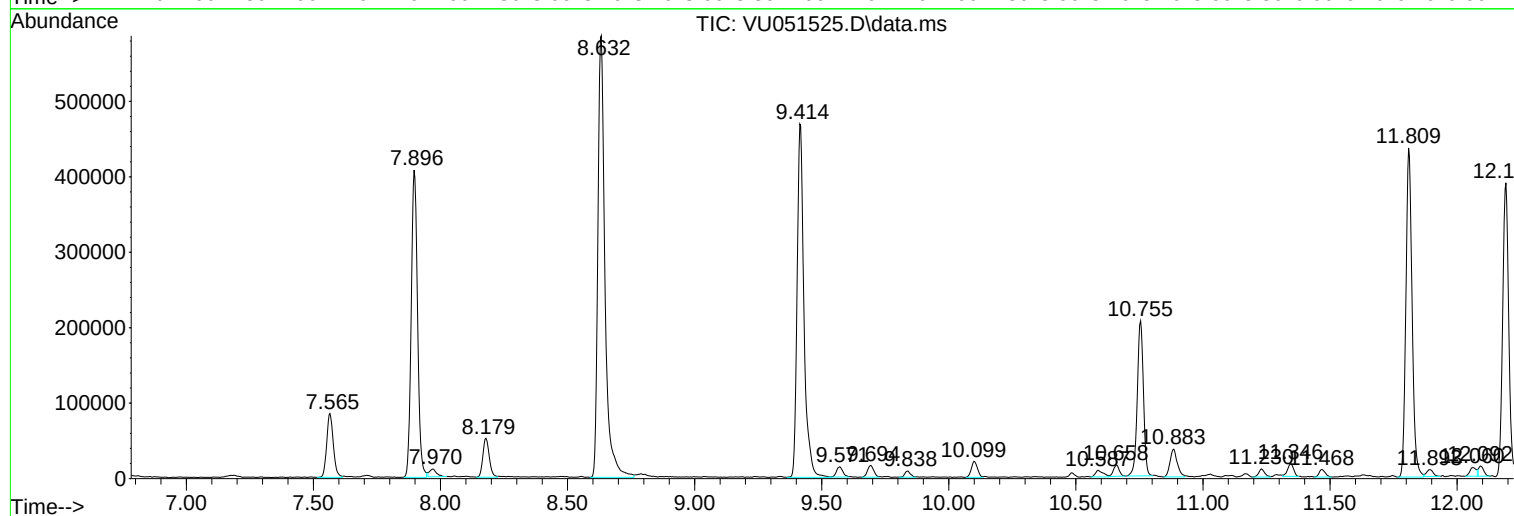
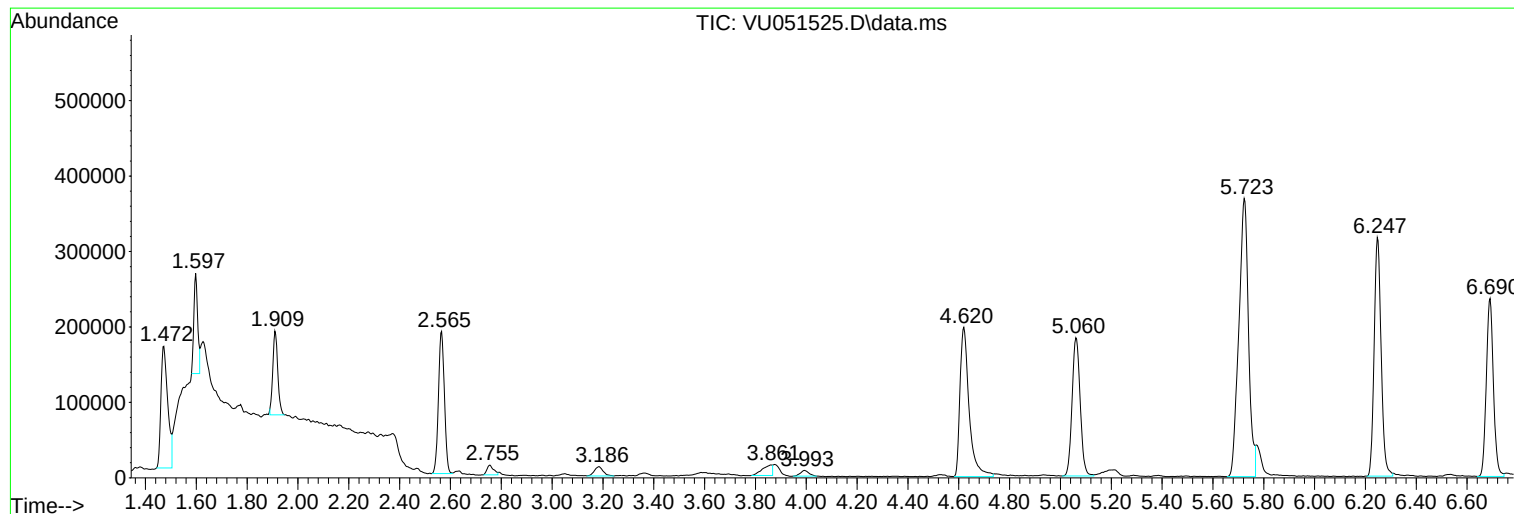
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Quant Title : TRACE VOA SFAM1.0

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



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Instrument :
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ClientSampleId :
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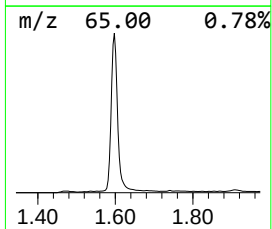
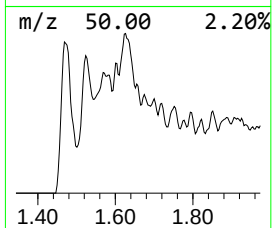
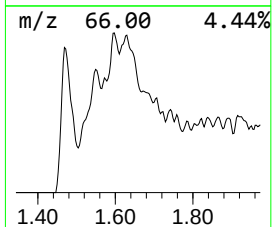
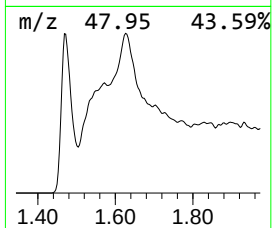
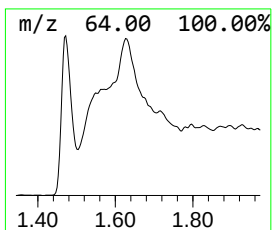
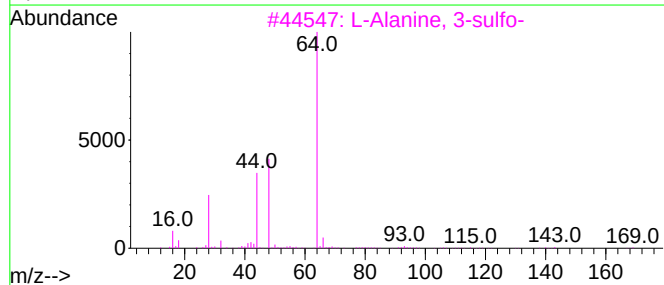
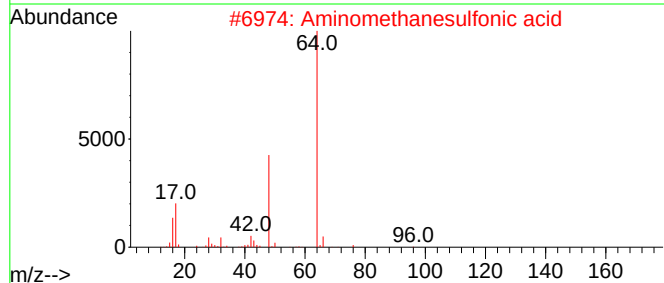
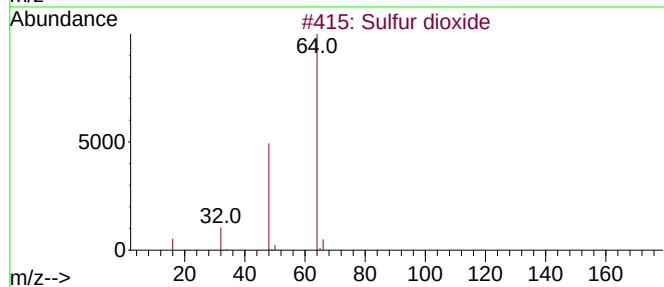
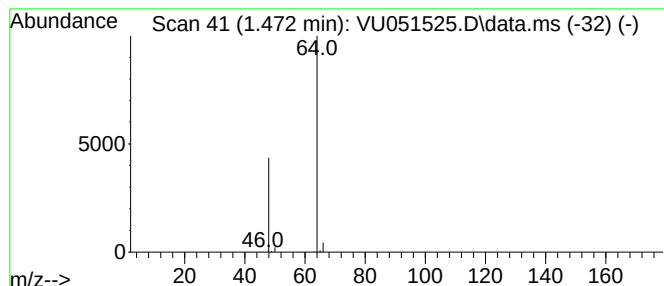
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.472	2.50 ug/L	304822	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5			Sulfur dioxide	64	O2S	007446-09-5	4



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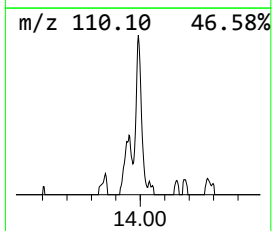
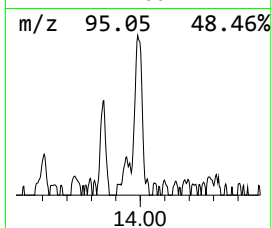
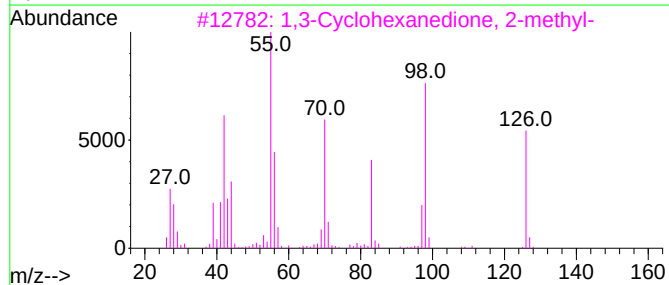
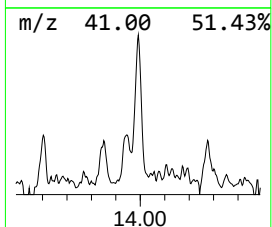
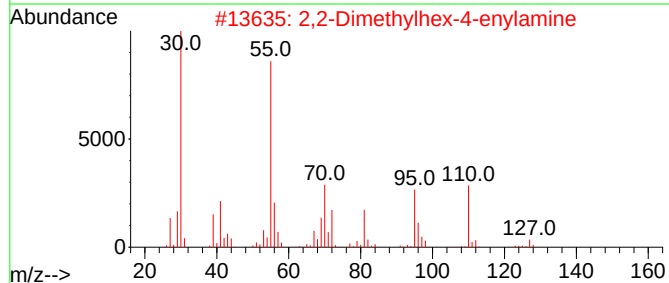
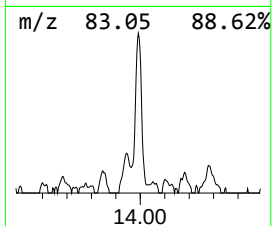
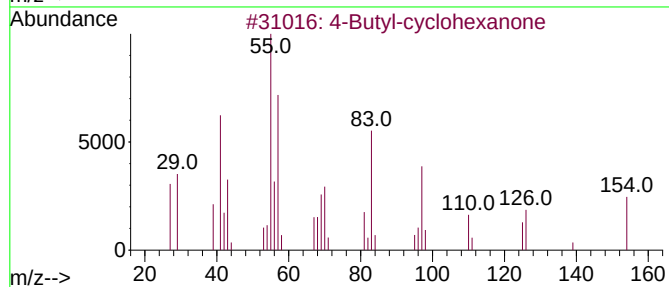
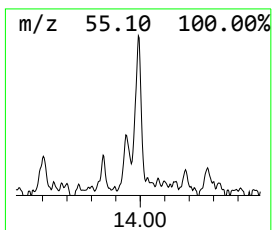
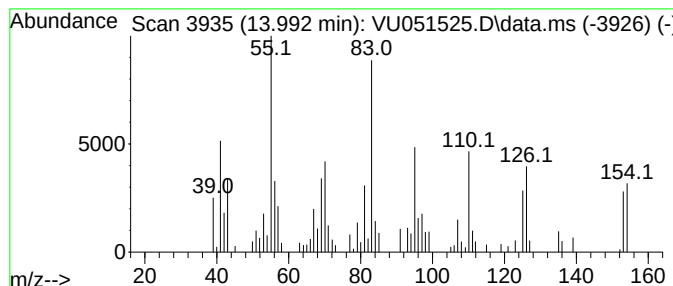
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4-Butyl-cyclohexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.992	0.55 ug/L	80600	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	76
2			2,2-Dimethylhex-4-enylamine	127	C8H17N	133885-74-2	25
3			1,3-Cyclohexanedione, 2-methyl-	126	C7H10O2	001193-55-1	18
4			trans--4-Nonene	126	C9H18	010405-85-3	18
5			1-ethoxy-2,4-hexadiene	126	C8H14O	1000365-96-5	15



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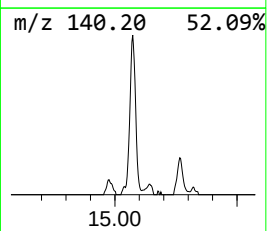
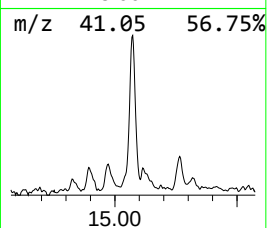
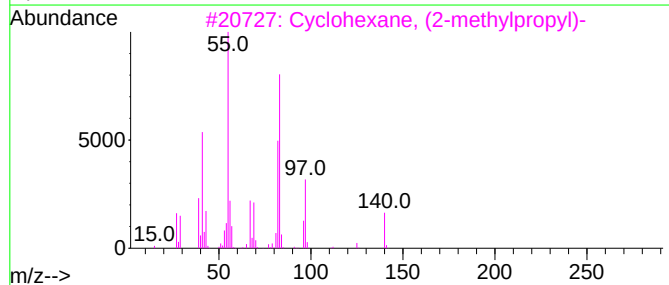
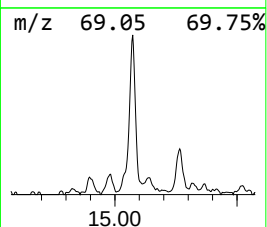
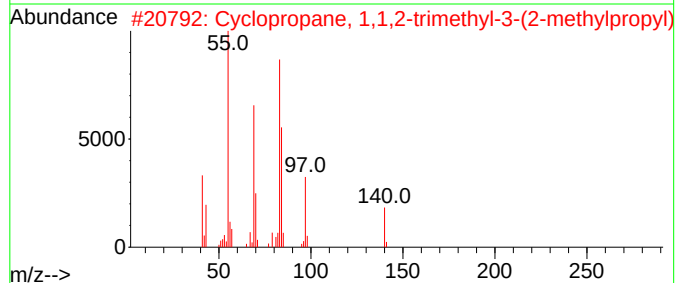
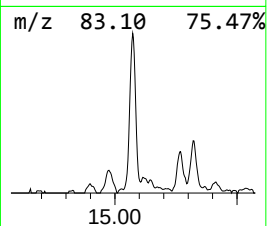
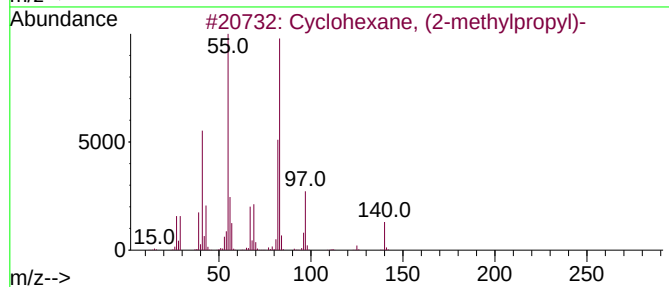
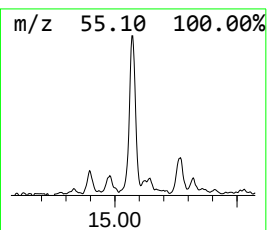
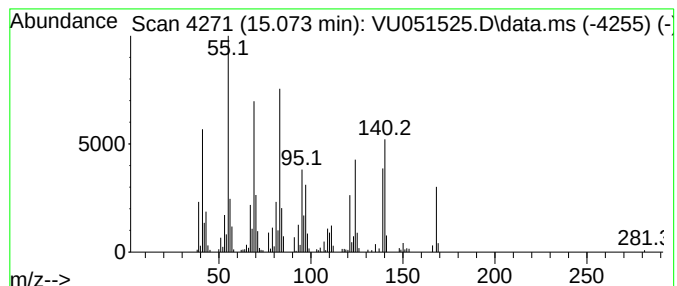
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 (DEL) Alkane: Cyclic15.073 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.073	1.57 ug/L	231505	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	46
2			Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	41
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
4			2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	38
5			2,4-Dimethoxypyrimidine	140	C6H8N2O2	003551-55-1	30



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.472	2.5	ug/L	304822	1	6.247	608588	5.0
4-Butyl-cyclohe...	13.992	0.6	ug/L	80600	3	11.809	735098	5.0
(DEL) Alkane: C...	15.073	1.6	ug/L	231505	3	11.809	735098	5.0