

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\
 Data File : VV007653.D
 Acq On : 20 Sep 2018 14:03
 Operator : SY/MD
 Sample : J4900-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A3ZE5

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_V\METHOD\SOMVTR091918WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.139	12	15	27	rVB	5092	5365	1.31%	0.171%
2	1.319	62	71	83	rBV	32300	37119	9.07%	1.182%
3	1.431	99	106	113	rVB	55694	61105	14.94%	1.945%
4	1.586	146	154	164	rVB	32076	38398	9.39%	1.222%
5	1.959	263	270	278	rVB	9170	12157	2.97%	0.387%
6	2.135	315	325	336	rBV	74939	105861	25.88%	3.370%
7	2.203	341	346	357	rVB	4379	7853	1.92%	0.250%
8	2.541	442	451	469	rVB	25110	40879	9.99%	1.301%
9	3.962	878	893	899	rBV	31308	73274	17.91%	2.332%
10	4.029	901	914	971	rVB	97554	409119	100.00%	13.022%
11	4.405	1015	1031	1048	rBV	47518	110351	26.97%	3.512%
12	5.100	1230	1247	1266	rBV3	107927	254438	62.19%	8.099%
13	5.669	1410	1424	1440	rBV	104925	205504	50.23%	6.541%
14	6.126	1553	1566	1583	rBV	59305	118987	29.08%	3.787%
15	6.341	1621	1633	1649	rBV3	3826	8230	2.01%	0.262%
16	6.434	1653	1662	1674	rVV5	4456	8047	1.97%	0.256%
17	7.036	1838	1849	1869	rBV	30855	54898	13.42%	1.747%
18	7.286	1917	1927	1938	rBV3	5156	10064	2.46%	0.320%
19	7.364	1939	1951	1967	rVV	132706	232950	56.94%	7.415%
20	7.438	1968	1974	1996	rVB4	4704	9492	2.32%	0.302%
21	7.669	2031	2046	2062	rBV2	18005	32254	7.88%	1.027%
22	7.991	2133	2146	2159	rBV2	13321	33985	8.31%	1.082%
23	8.145	2183	2194	2229	rVV2	115207	261290	63.87%	8.317%
24	8.293	2230	2240	2252	rVV2	41382	75681	18.50%	2.409%
25	8.354	2254	2259	2286	rVB2	8188	17445	4.26%	0.555%
26	8.900	2417	2429	2461	rBV	148409	253567	61.98%	8.071%
27	9.109	2486	2494	2510	rVB3	3767	5726	1.40%	0.182%
28	9.601	2638	2647	2662	rBV3	7600	13937	3.41%	0.444%
29	9.746	2684	2692	2706	rBV5	2541	5076	1.24%	0.162%
30	9.859	2719	2727	2739	rBV5	3793	6286	1.54%	0.200%
31	10.267	2843	2854	2871	rBV	46869	74666	18.25%	2.377%
32	10.434	2892	2906	2929	rBV2	15044	38813	9.49%	1.235%
33	11.299	3163	3175	3199	rBV	165872	272583	66.63%	8.676%
34	11.675	3281	3292	3314	rVB	141919	234522	57.32%	7.465%

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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

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Title : TRACE VOA SOM01.0

35	12.305	3473	3488	3497	rBV2	3110	5507	1.35%	0.175%
36	12.399	3506	3517	3527	rBV5	3758	6250	1.53%	0.199%

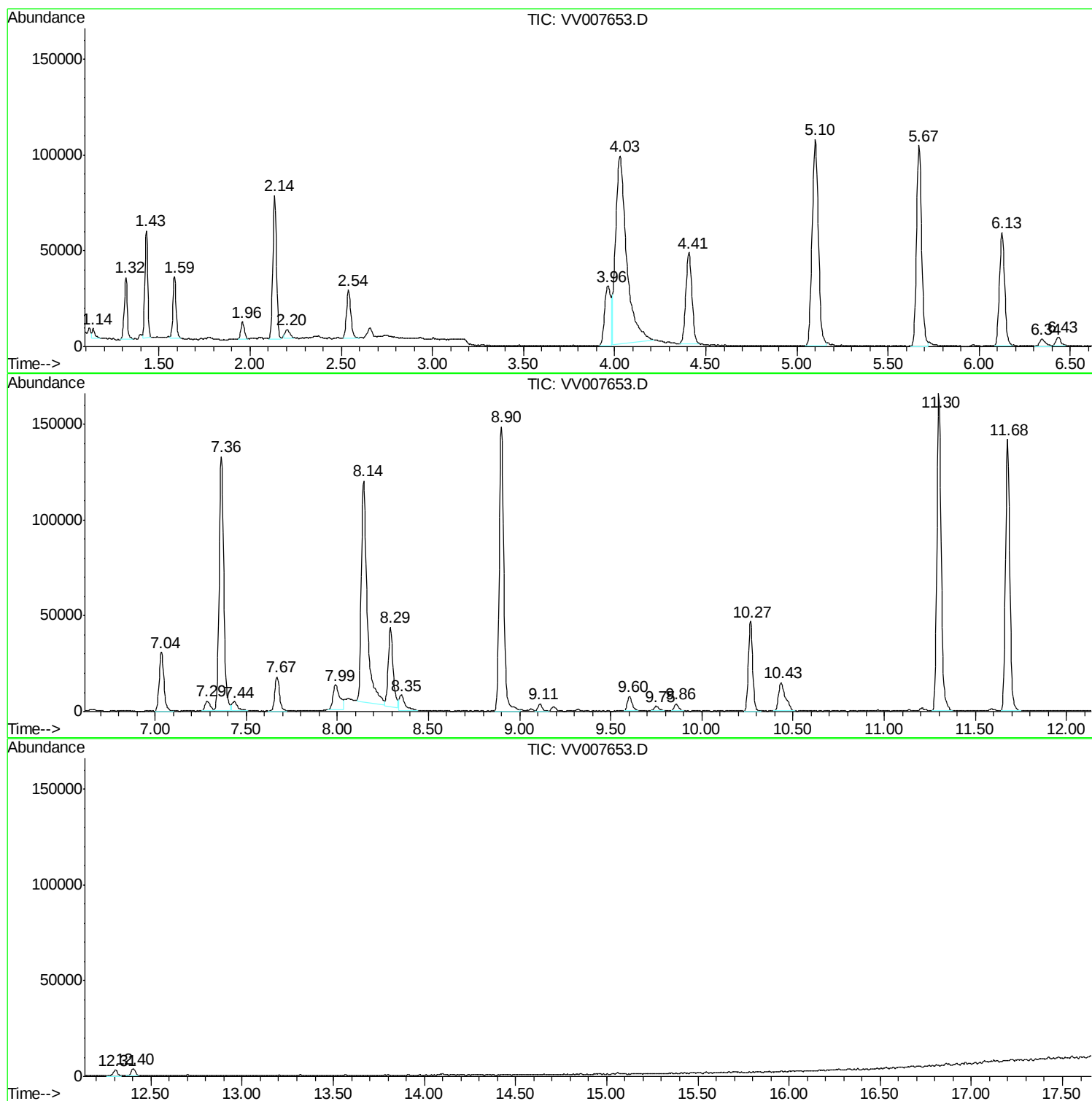
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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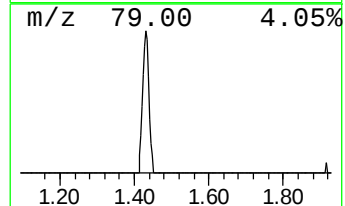
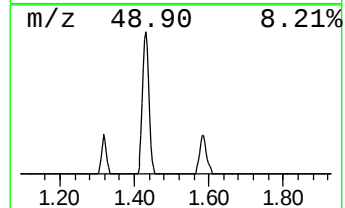
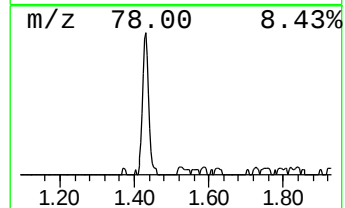
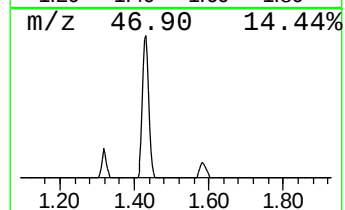
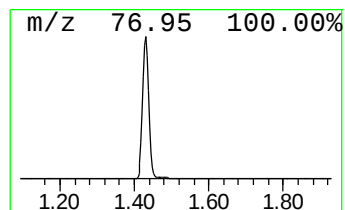
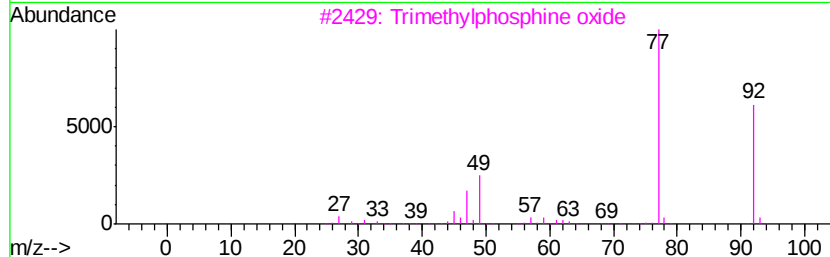
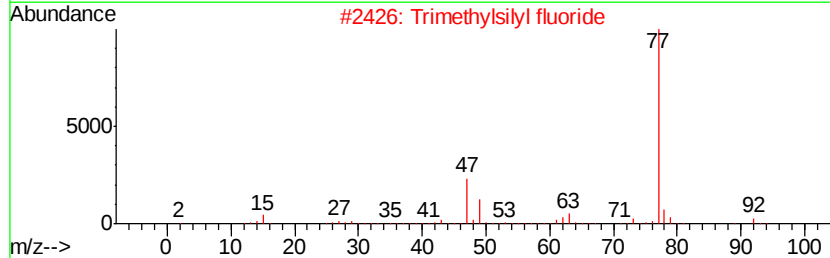
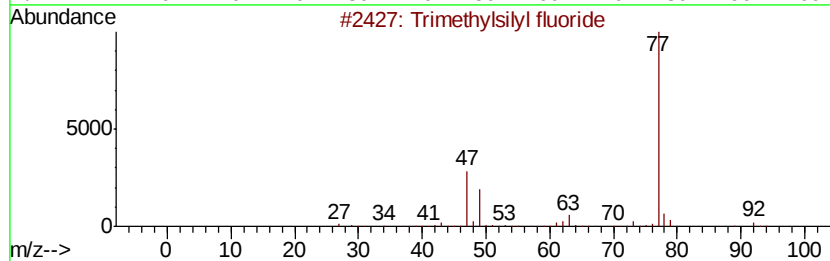
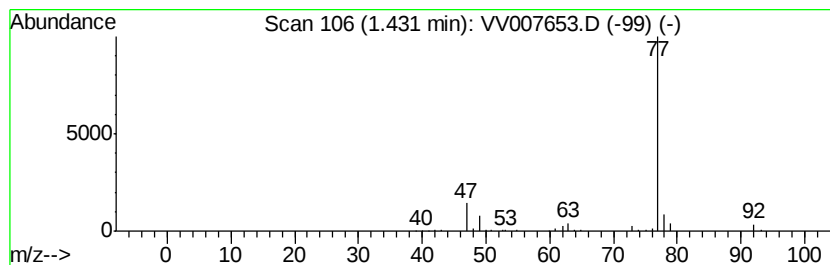
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Trimethylsilyl fluoride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	1.49 ug/L	61105	1,4-Difluorobenzene	5.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	91
2			Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	91
3			Trimethylphosphine oxide	92	C3H9OP	000676-96-0	38
4			Propane, 1,2-dichloro-2-methyl-	126	C4H8Cl2	000594-37-6	9
5			Silanediol, dimethyl-	92	C2H8O2Si	001066-42-8	4



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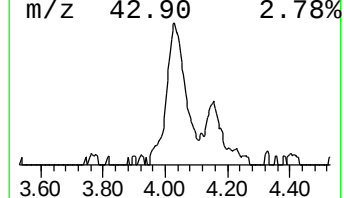
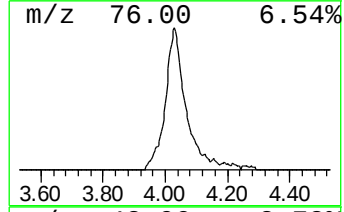
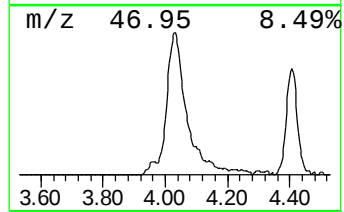
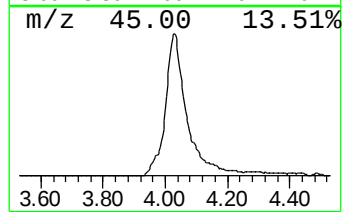
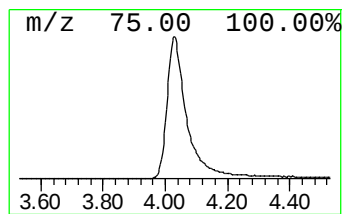
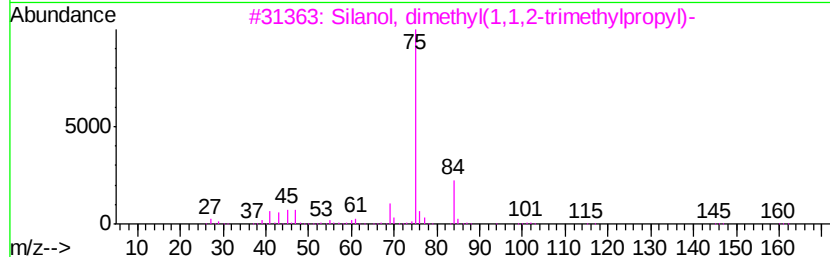
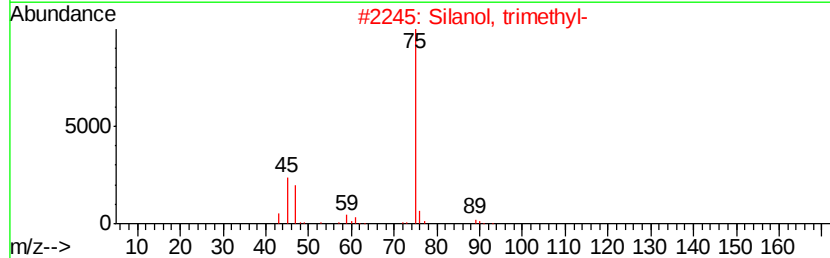
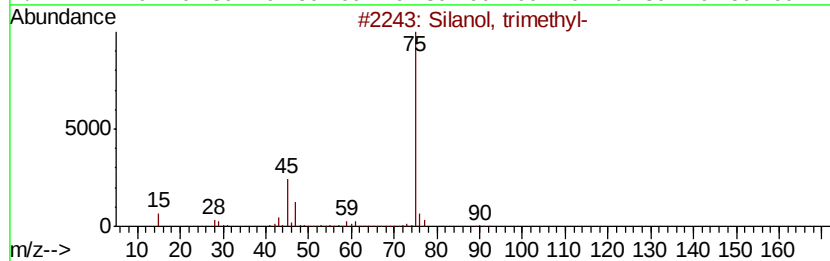
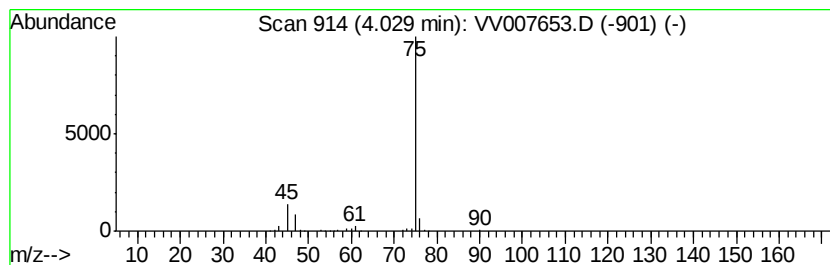
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	9.95 ug/L	409119	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2		Silanol, trimethyl-	90	C3H10OSi	001066-40-6	74
3		Silanol, dimethyl(1,1,2-trimethylpropyl)-	160	C8H20OSi	055644-10-5	64
4		Silanol, trimethyl-	90	C3H10OSi	001066-40-6	64
5		tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	38



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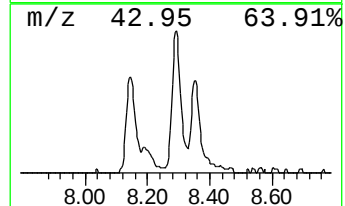
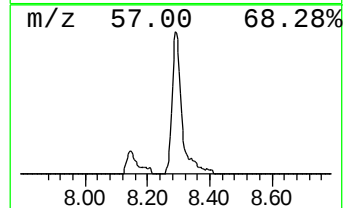
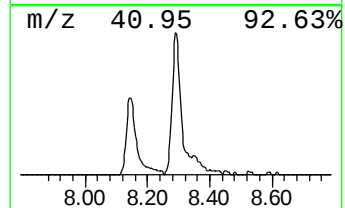
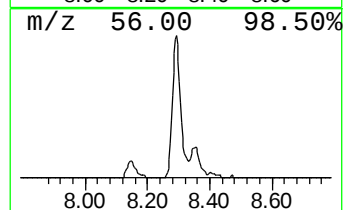
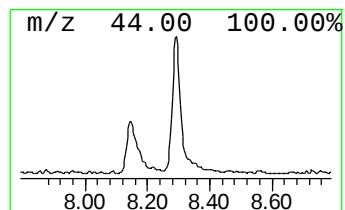
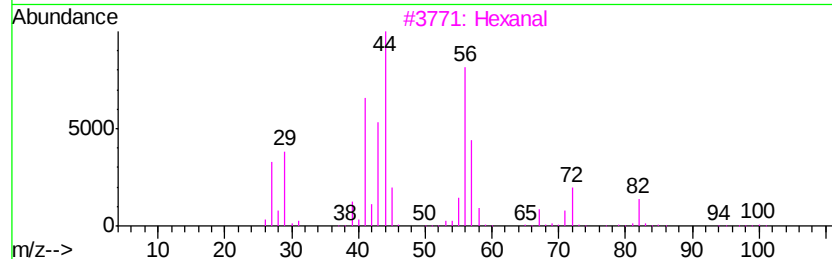
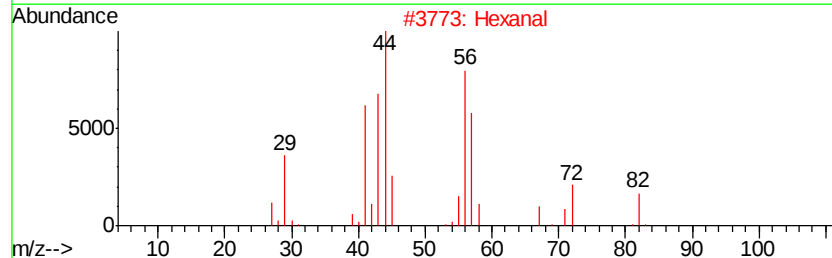
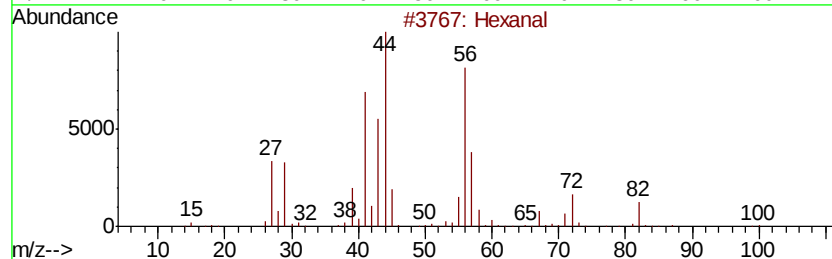
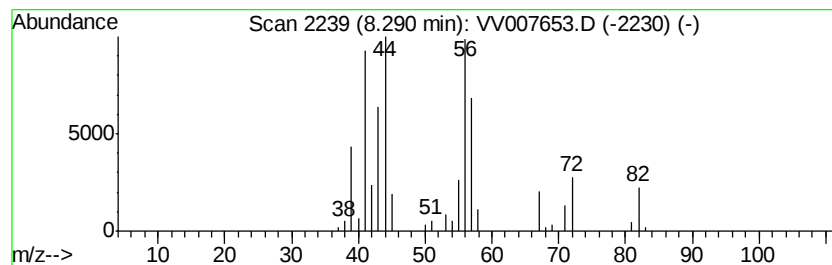
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	1.49 ug/L	75681	Chlorobenzene-d5	8.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	64
2		Hexanal	100	C6H12O	000066-25-1	64
3		Hexanal	100	C6H12O	000066-25-1	59
4		Hexanal	100	C6H12O	000066-25-1	53
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Trimethylsilyl fl...	1.43	1.5	ug/L	61105	1	5.67	205504	5.0
Silanol, trimethyl-	4.03	9.9	ug/L	409119	1	5.67	205504	5.0
Hexanal	8.29	1.5	ug/L	75681	2	8.90	253567	5.0