

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011245.D
 Acq On : 06 Jun 2019 15:21
 Operator : SY/MD
 Sample : K3230-05
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 TB-190604

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\SOMVTR060419WMA.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	1.116	3	8	14	rVB2	21333	20191	3.12%	0.348%
2	1.225	35	42	56	rVB2	81512	98069	15.17%	1.690%
3	1.319	62	71	81	rBV	112149	125661	19.44%	2.166%
4	1.508	110	130	136	rBV8	38130	110343	17.07%	1.902%
5	1.563	140	147	156	rVB	78440	91742	14.19%	1.581%
6	2.122	311	321	333	rBV	171888	239884	37.12%	4.135%
7	2.190	335	342	353	rVB	16873	26320	4.07%	0.454%
8	3.939	874	886	909	rBV	84565	218252	33.77%	3.762%
9	4.138	937	948	957	rBV2	9341	19679	3.04%	0.339%
10	4.399	1010	1029	1048	rBV	106677	267082	41.32%	4.604%
11	5.090	1227	1244	1278	rBV2	260431	646301	100.00%	11.141%
12	5.662	1408	1422	1439	rBV	197018	396180	61.30%	6.829%
13	6.116	1549	1563	1583	rBV	149005	303964	47.03%	5.240%
14	6.341	1622	1633	1639	rBV4	5133	9694	1.50%	0.167%
15	7.029	1831	1847	1860	rBV2	72798	130726	20.23%	2.253%
16	7.357	1936	1949	1963	rBV	304697	537989	83.24%	9.274%
17	7.431	1963	1972	1997	rVB	47447	92500	14.31%	1.594%
18	7.662	2034	2044	2057	rBV	43255	72738	11.25%	1.254%
19	7.903	2106	2119	2127	rBV10	3976	7180	1.11%	0.124%
20	8.132	2179	2190	2217	rBV	336477	576818	89.25%	9.943%
21	8.283	2227	2237	2250	rBV2	51719	87261	13.50%	1.504%
22	8.894	2413	2427	2450	rBV	290184	490308	75.86%	8.452%
23	9.055	2468	2477	2489	rVB3	9740	16988	2.63%	0.293%
24	9.183	2507	2517	2529	rVB3	11184	21206	3.28%	0.366%
25	9.601	2633	2647	2669	rBV4	39934	85535	13.23%	1.474%
26	9.852	2713	2725	2740	rBV10	12195	25558	3.95%	0.441%
27	10.260	2842	2852	2871	rVB2	97754	154732	23.94%	2.667%
28	10.421	2897	2902	2915	rVB4	5983	8303	1.28%	0.143%
29	11.132	3116	3123	3131	rBV10	4291	6930	1.07%	0.119%
30	11.199	3136	3144	3150	rBV8	7665	13144	2.03%	0.227%
31	11.296	3162	3174	3196	rVB	250329	424870	65.74%	7.324%
32	11.672	3278	3291	3309	rVB	258107	426814	66.04%	7.357%
33	12.395	3505	3516	3528	rBV5	16670	30378	4.70%	0.524%
34	12.514	3543	3553	3569	rVB5	5742	11364	1.76%	0.196%

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : TRACE VOA SOM01.0

35	12.929	3674	3682	3689	rBV9	4029	6652	1.03%	0.115%
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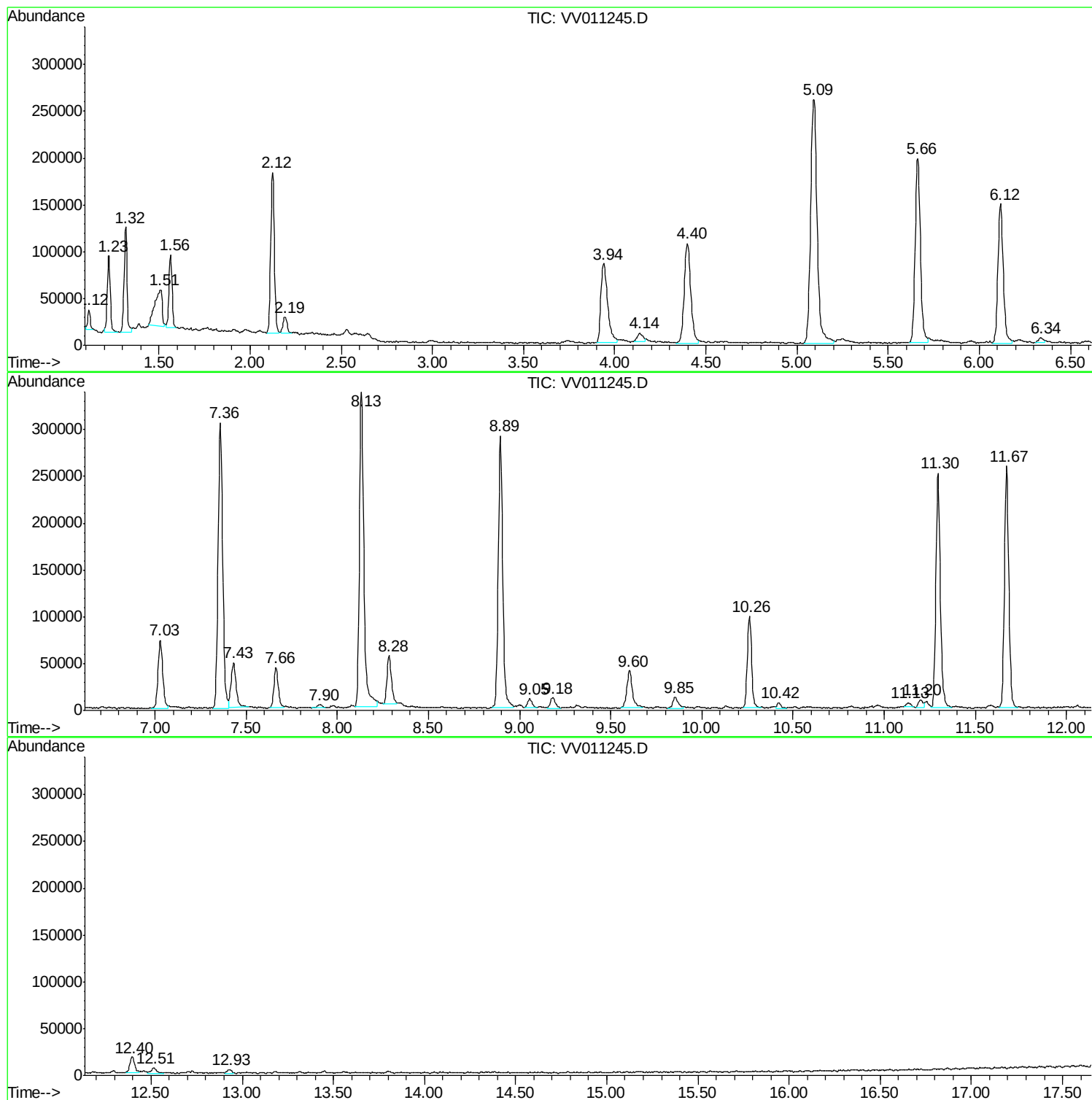
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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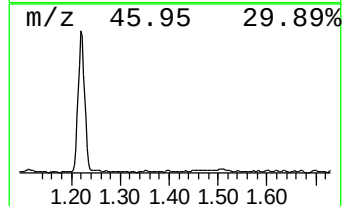
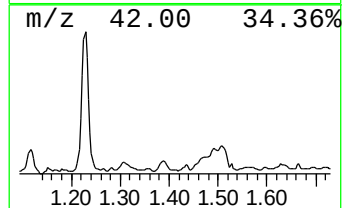
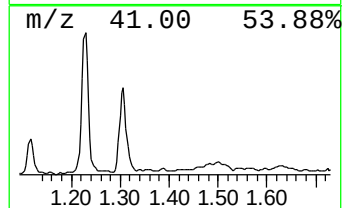
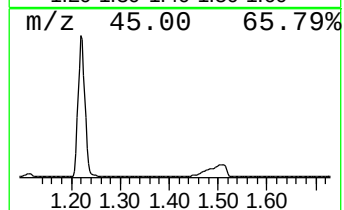
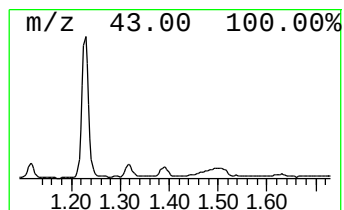
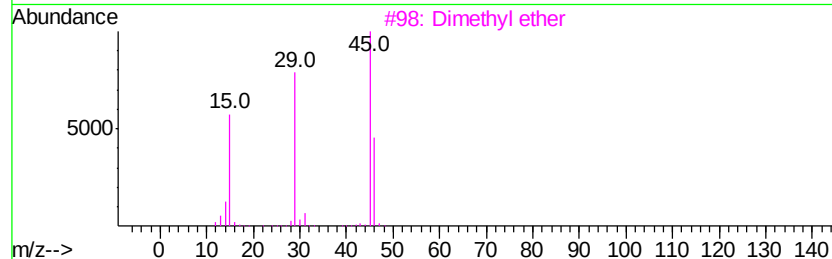
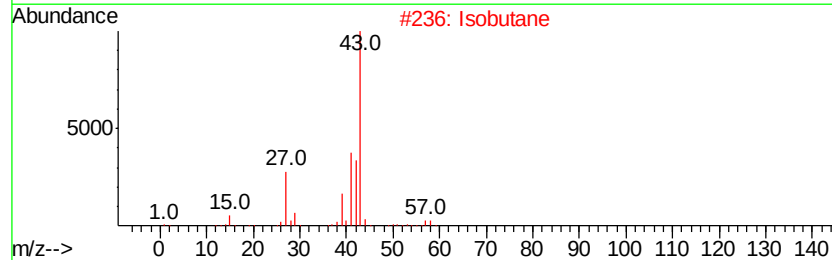
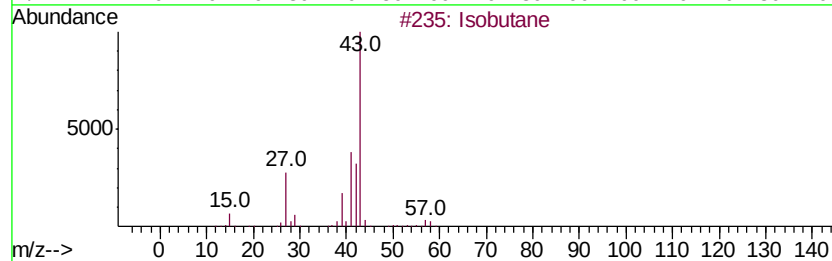
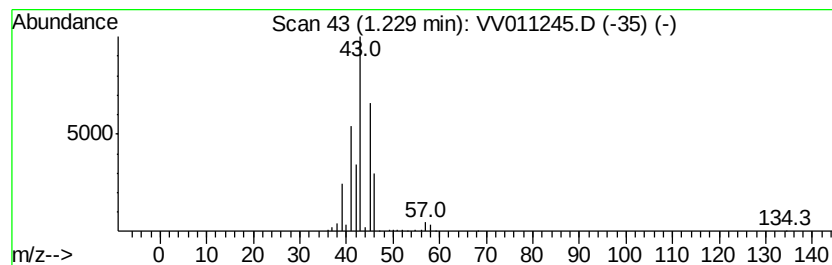
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	1.24 ug/L	98069	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	14
2			Isobutane	58	C4H10	000075-28-5	10
3			Dimethyl ether	46	C2H6O	000115-10-6	9
4			Dimethyl ether	46	C2H6O	000115-10-6	9
5			Isobutane	58	C4H10	000075-28-5	7



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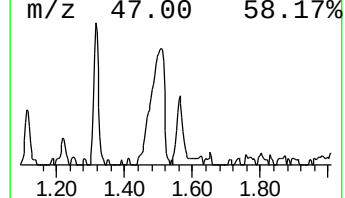
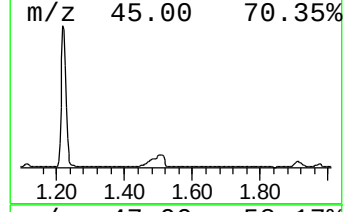
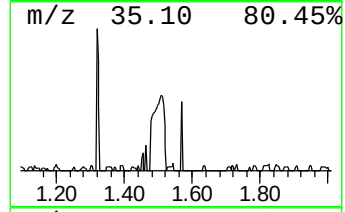
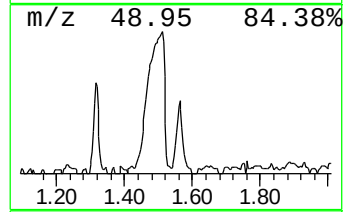
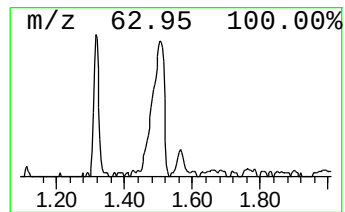
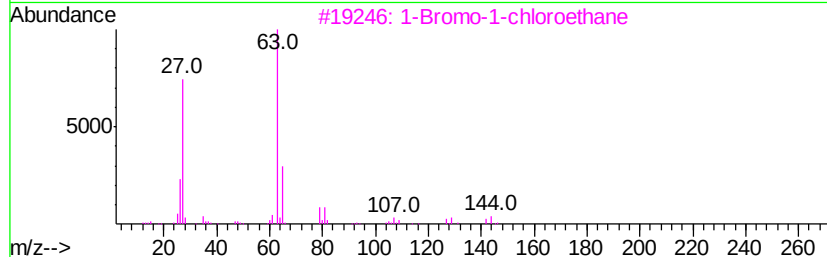
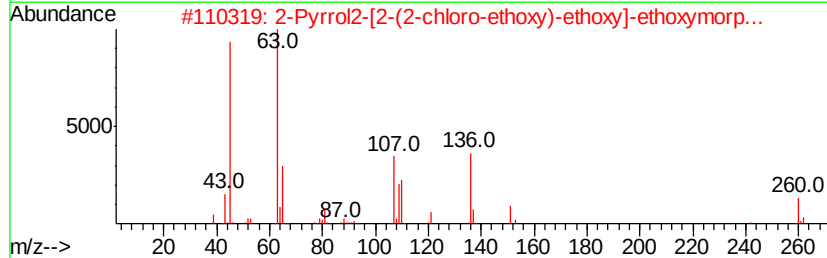
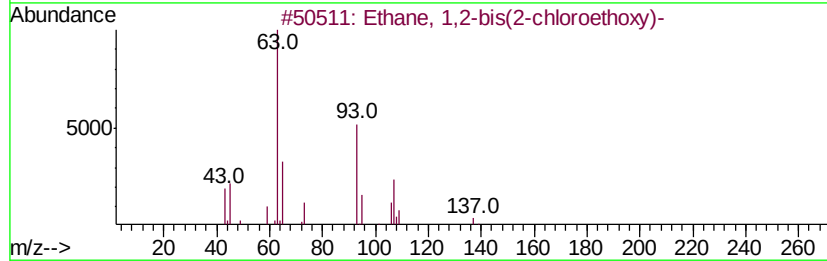
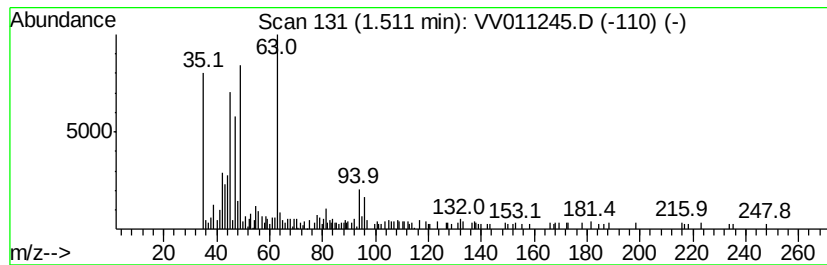
Instrument :
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ClientSampled :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.51	1.39 ug/L	110343	1,4-Difluorobenzene	5.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-bis(2-chloroethoxy)-	186	C6H12Cl2O2	000112-26-5	23
2	2-Pyrrol2-[2-(2-chloro-ethoxy)-e...	260	C12H17ClO4	1000317-43-5	17
3	1-Bromo-1-chloroethane	142	C2H4BrCl	000593-96-4	14
4	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	14
5	Ethane, 1-bromo-2-chloro-	142	C2H4BrCl	000107-04-0	14



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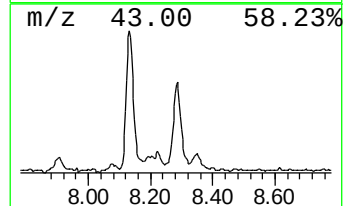
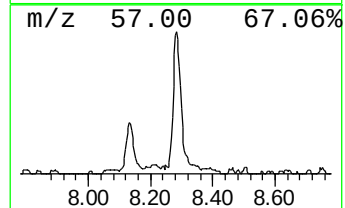
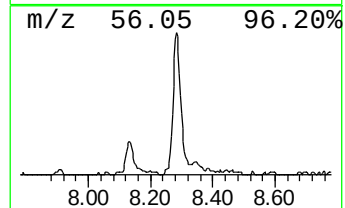
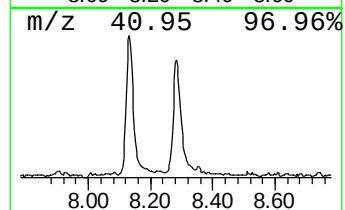
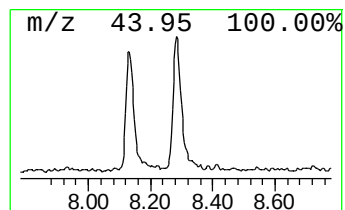
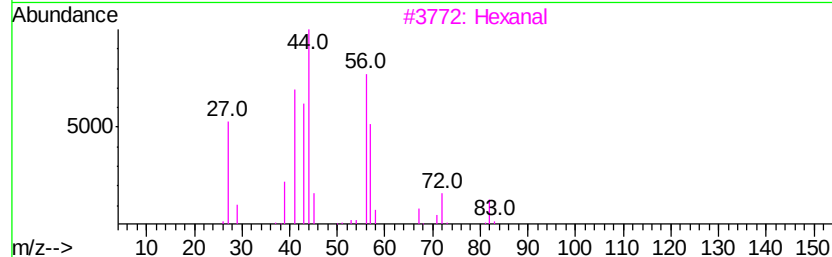
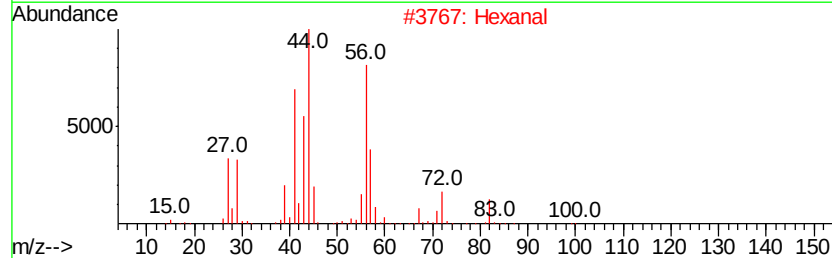
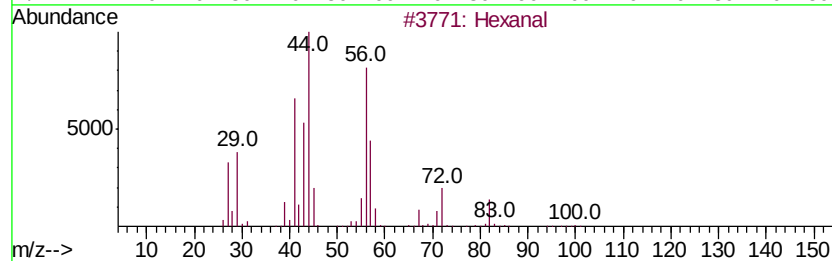
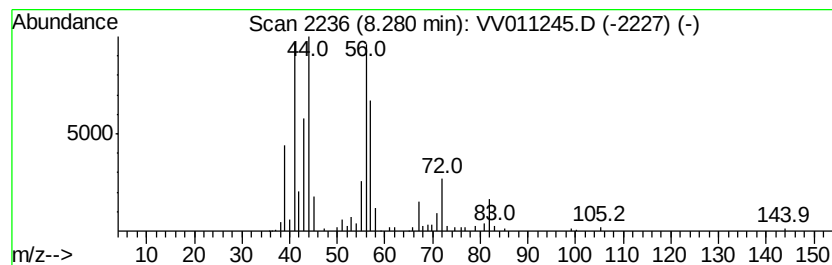
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.89 ug/L	87261	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	72
2		Hexanal	100	C6H12O	000066-25-1	72
3		Hexanal	100	C6H12O	000066-25-1	64
4		Hexanal	100	C6H12O	000066-25-1	59
5		Butanal	72	C4H8O	000123-72-8	27



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.23	1.2	ug/L	98069	1	5.66	396180	5.0
unknown-01	1.51	1.4	ug/L	110343	1	5.66	396180	5.0
Hexanal	8.28	0.9	ug/L	87261	2	8.89	490308	5.0