

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\
 Data File : VV010567.D
 Acq On : 30 Apr 2019 00:00
 Operator : SY/MD
 Sample : K2590-08
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X99

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\SOMVTR042719WMA.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	18	rVB	114775	115933	16.35%	1.684%
2	1.222	36	41	54	rVB2	18983	20552	2.90%	0.299%
3	1.319	62	71	87	rVB	86308	95100	13.41%	1.381%
4	1.508	115	130	135	rBV9	8237	13956	1.97%	0.203%
5	1.566	139	148	162	rBV	48944	62588	8.82%	0.909%
6	2.126	310	322	333	rBV	139223	192830	27.19%	2.801%
7	2.190	334	342	350	rVB	19494	26327	3.71%	0.382%
8	2.315	370	381	392	rVB	22706	40370	5.69%	0.586%
9	2.653	470	486	506	rBV	37354	83820	11.82%	1.217%
10	3.936	870	885	911	rBV2	83004	243029	34.27%	3.530%
11	4.129	931	945	964	rBV2	35078	86410	12.18%	1.255%
12	4.399	1012	1029	1058	rBV	122680	324047	45.69%	4.707%
13	5.093	1224	1245	1274	rBV4	282078	709215	100.00%	10.301%
14	5.663	1406	1422	1439	rBV	232294	472608	66.64%	6.864%
15	5.958	1501	1514	1534	rBV	182436	363343	51.23%	5.277%
16	6.116	1549	1563	1582	rBV	158271	319310	45.02%	4.638%
17	7.029	1835	1847	1860	rBV3	77873	138489	19.53%	2.011%
18	7.360	1936	1950	1967	rBV	342629	621824	87.68%	9.032%
19	7.428	1967	1971	1984	rVB2	13216	23902	3.37%	0.347%
20	7.663	2033	2044	2058	rBV	47304	78730	11.10%	1.143%
21	7.984	2132	2144	2147	rBV2	5313	8562	1.21%	0.124%
22	8.016	2149	2154	2164	rVB6	11454	17121	2.41%	0.249%
23	8.132	2178	2190	2206	rBV	347500	592877	83.60%	8.611%
24	8.894	2409	2427	2460	rBV	360342	619512	87.35%	8.998%
25	10.260	2838	2852	2871	rBV2	130866	204165	28.79%	2.965%
26	10.424	2891	2903	2912	rBV4	11601	20225	2.85%	0.294%
27	11.141	3116	3126	3137	rBV2	11702	18619	2.63%	0.270%
28	11.296	3161	3174	3192	rBV	342993	554561	78.19%	8.055%
29	11.579	3251	3262	3279	rBV	93527	170697	24.07%	2.479%
30	11.672	3279	3291	3311	rVB	389998	627892	88.53%	9.120%
31	12.296	3473	3485	3492	rBV5	5225	9374	1.32%	0.136%
32	12.717	3608	3616	3627	rBV6	6710	9039	1.27%	0.131%

LSC Area Percent Report

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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

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Title : TRACE VOA SOM01.0

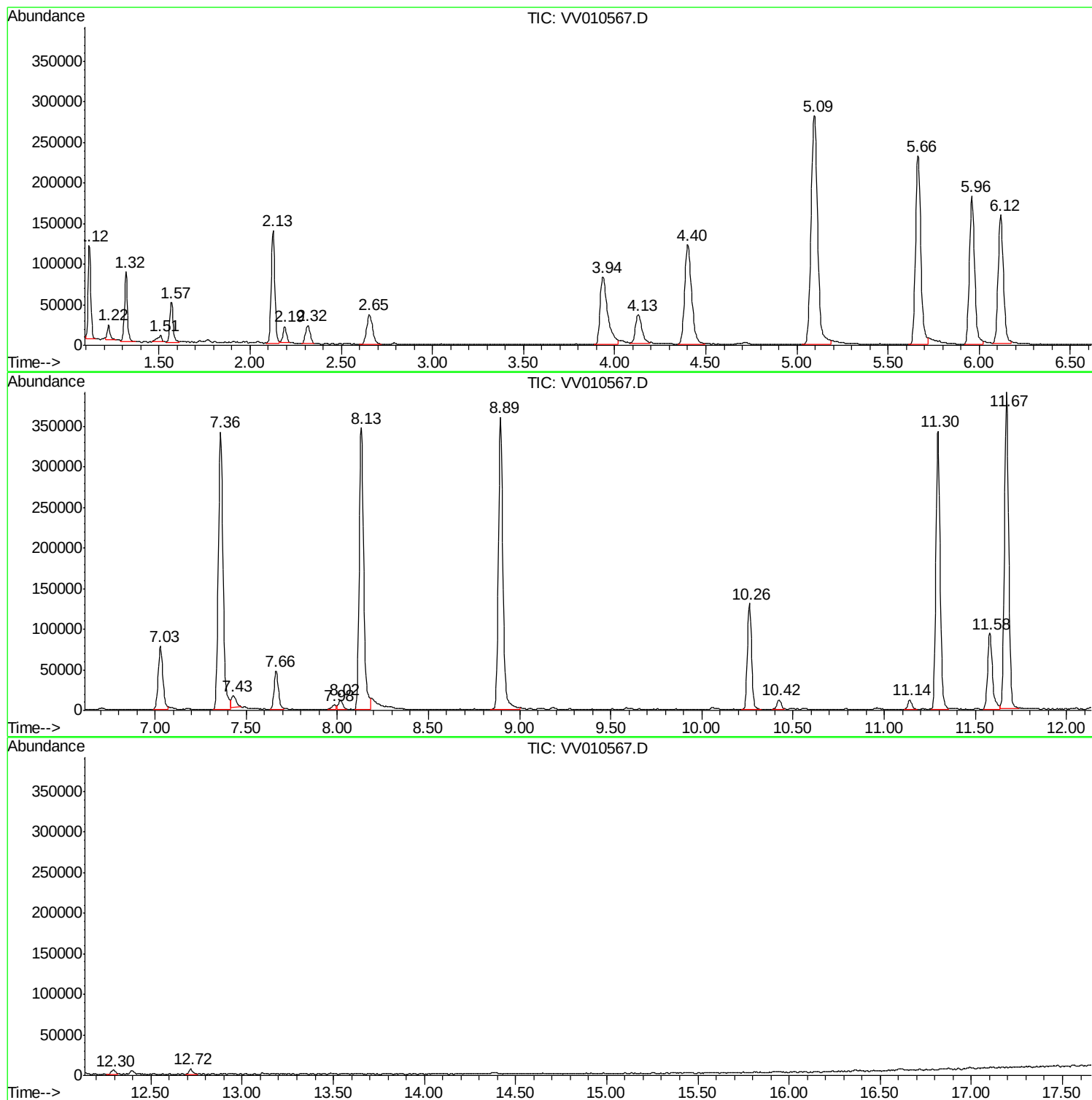
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0

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



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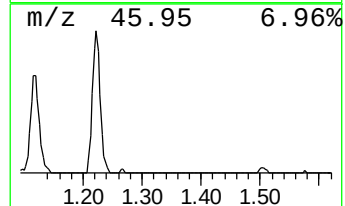
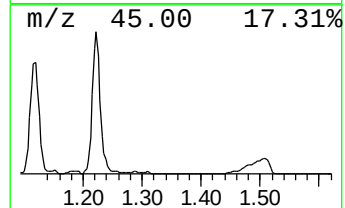
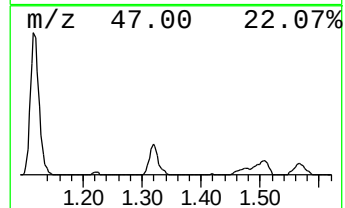
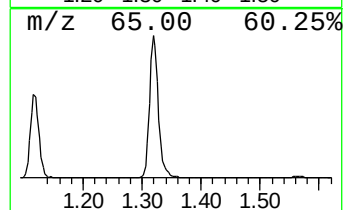
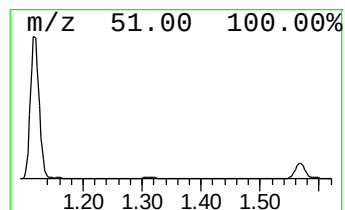
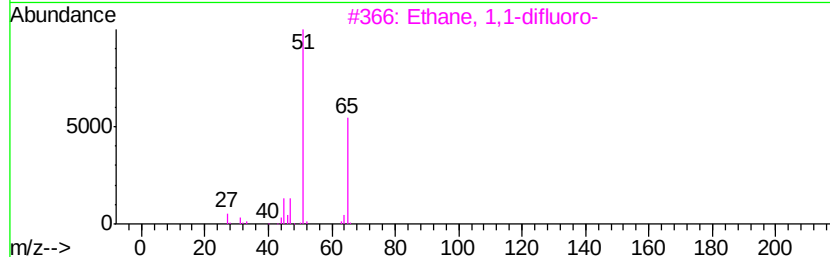
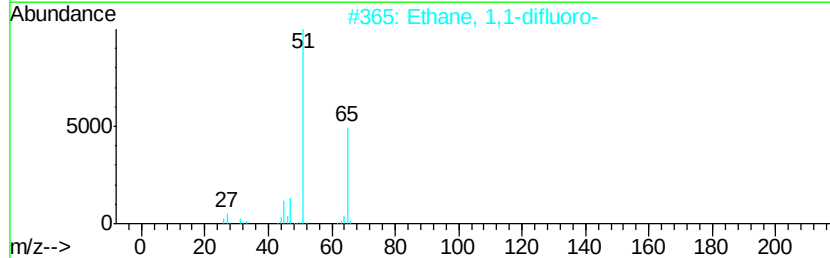
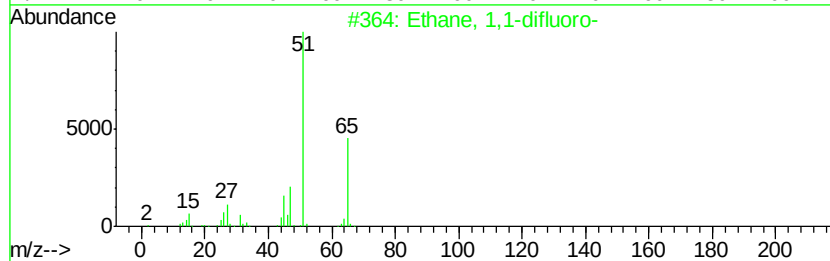
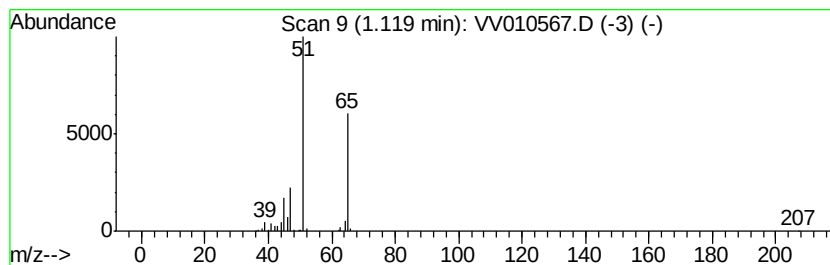
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.23 ug/L	115933	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3			Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4			Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	12
5			Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	10



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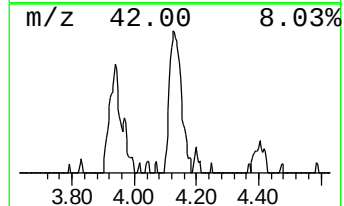
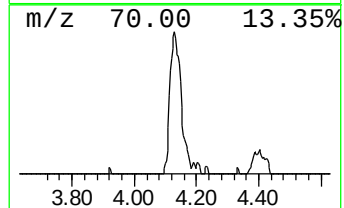
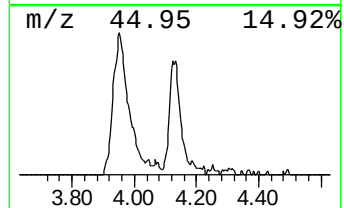
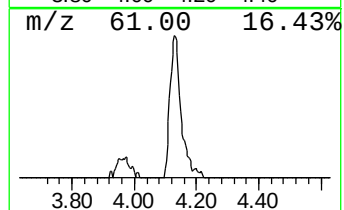
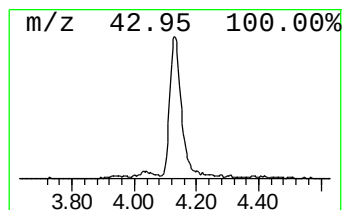
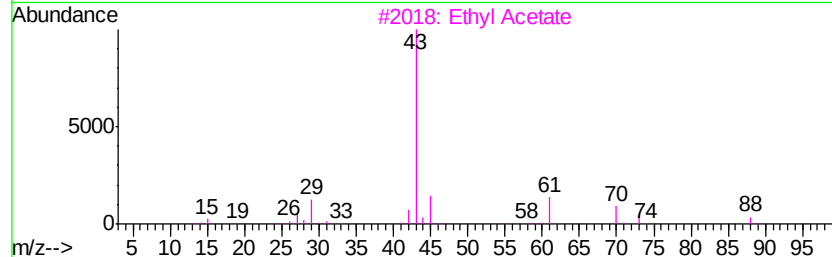
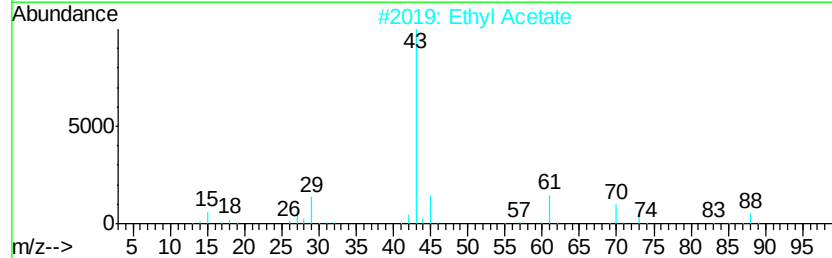
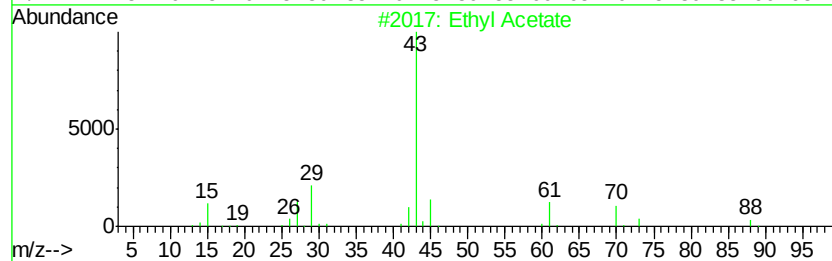
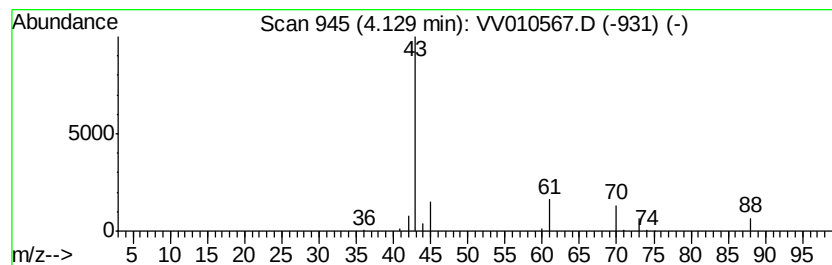
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethyl Acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	0.91 ug/L	86410	1,4-Difluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate		88	C4H8O2	000141-78-6	90
2	Ethyl Acetate		88	C4H8O2	000141-78-6	90
3	Ethyl Acetate		88	C4H8O2	000141-78-6	90
4	Ethyl Acetate		88	C4H8O2	000141-78-6	90
5	CH3C(O)CH2CH2OH		88	C4H8O2	000590-90-9	64



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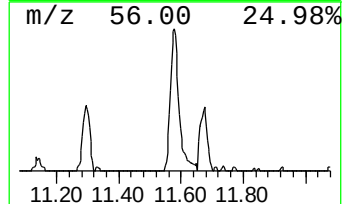
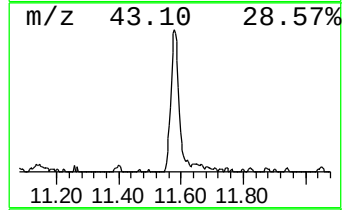
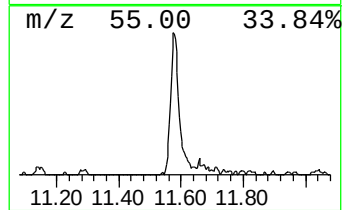
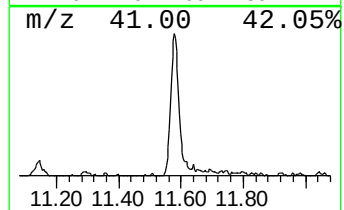
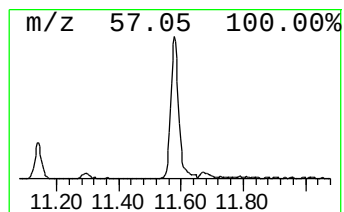
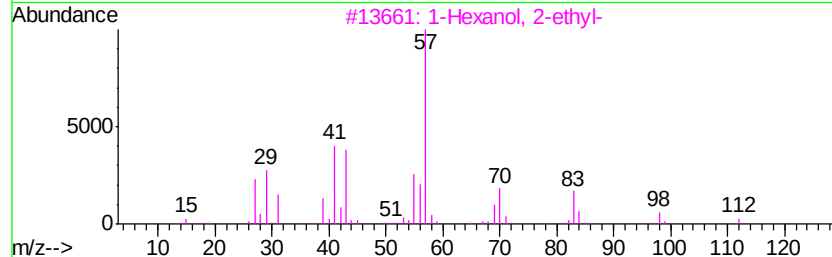
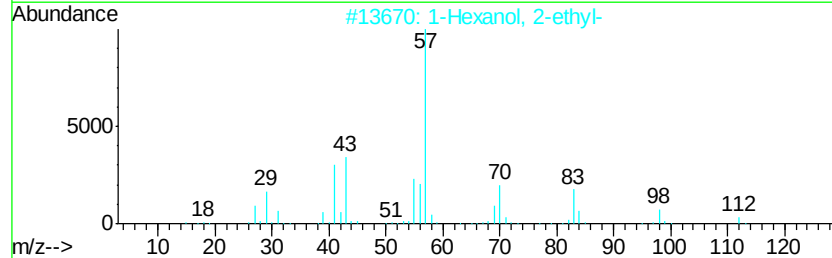
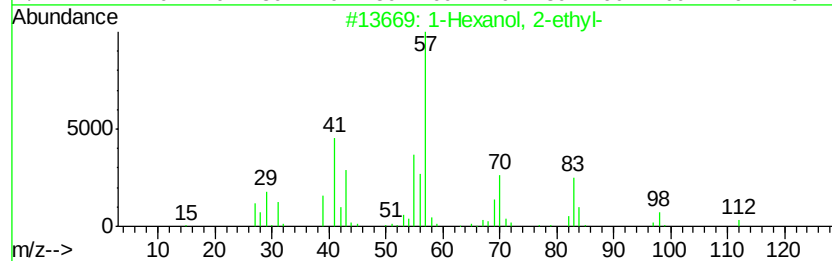
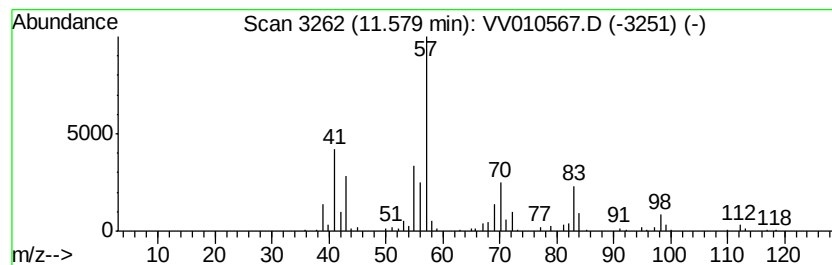
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.58	1.54 ug/L	170697	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53



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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
Ethane, 1,1-diflu...	1.12	1.2	ug/L	115933	1	5.66	472608	5.0
Ethyl Acetate	4.13	0.9	ug/L	86410	1	5.66	472608	5.0
1-Hexanol, 2-ethyl-	11.58	1.5	ug/L	170697	3	11.30	554561	5.0