

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\
 Data File : VV010566.D
 Acq On : 29 Apr 2019 23:35
 Operator : SY/MD
 Sample : K2590-07
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X98

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	17	rVB	109117	107923	15.45%	1.663%
2	1.222	35	41	49	rVB2	18717	19662	2.82%	0.303%
3	1.319	62	71	88	rVB	81369	94475	13.53%	1.456%
4	1.499	113	127	128	rBV7	7787	10901	1.56%	0.168%
5	1.512	129	131	139	rVB4	9582	7507	1.07%	0.116%
6	1.566	139	148	164	rBV	49178	64546	9.24%	0.995%
7	2.126	308	322	333	rBV	132866	192959	27.63%	2.973%
8	2.190	333	342	355	rVB	21326	32787	4.69%	0.505%
9	2.315	370	381	394	rVB2	13390	23173	3.32%	0.357%
10	2.653	474	486	505	rBV	7313	17898	2.56%	0.276%
11	3.933	871	884	909	rBV	86164	222230	31.82%	3.425%
12	4.129	933	945	974	rVB2	46018	110686	15.85%	1.706%
13	4.399	1011	1029	1062	rVB2	125473	320876	45.94%	4.945%
14	5.093	1228	1245	1271	rBV3	281930	698429	100.00%	10.763%
15	5.663	1407	1422	1451	rBV	217279	453007	64.86%	6.981%
16	5.958	1500	1514	1530	rBV2	108707	217390	31.13%	3.350%
17	6.116	1549	1563	1581	rBV	160010	316212	45.27%	4.873%
18	7.029	1835	1847	1865	rBV2	76463	137127	19.63%	2.113%
19	7.357	1936	1949	1965	rBV	335417	603554	86.42%	9.301%
20	7.666	2033	2045	2062	rBV	45961	78287	11.21%	1.206%
21	8.019	2147	2155	2171	rVB3	20970	36516	5.23%	0.563%
22	8.132	2179	2190	2206	rBV	352879	593159	84.93%	9.140%
23	8.894	2411	2427	2445	rBV	329756	562460	80.53%	8.667%
24	10.261	2841	2852	2868	rBV	127530	201059	28.79%	3.098%
25	10.424	2891	2903	2913	rBV3	10390	17499	2.51%	0.270%
26	11.138	3114	3125	3134	rBV2	12382	18380	2.63%	0.283%
27	11.296	3161	3174	3196	rBV	324029	518757	74.27%	7.994%
28	11.579	3251	3262	3279	rBV	92373	171983	24.62%	2.650%
29	11.672	3280	3291	3307	rVB	379345	613843	87.89%	9.459%
30	12.293	3473	3484	3495	rBV4	4364	7025	1.01%	0.108%
31	12.720	3604	3617	3627	rBV9	6507	10516	1.51%	0.162%
32	17.437	5081	5084	5089	rVB	14081	8532	1.22%	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

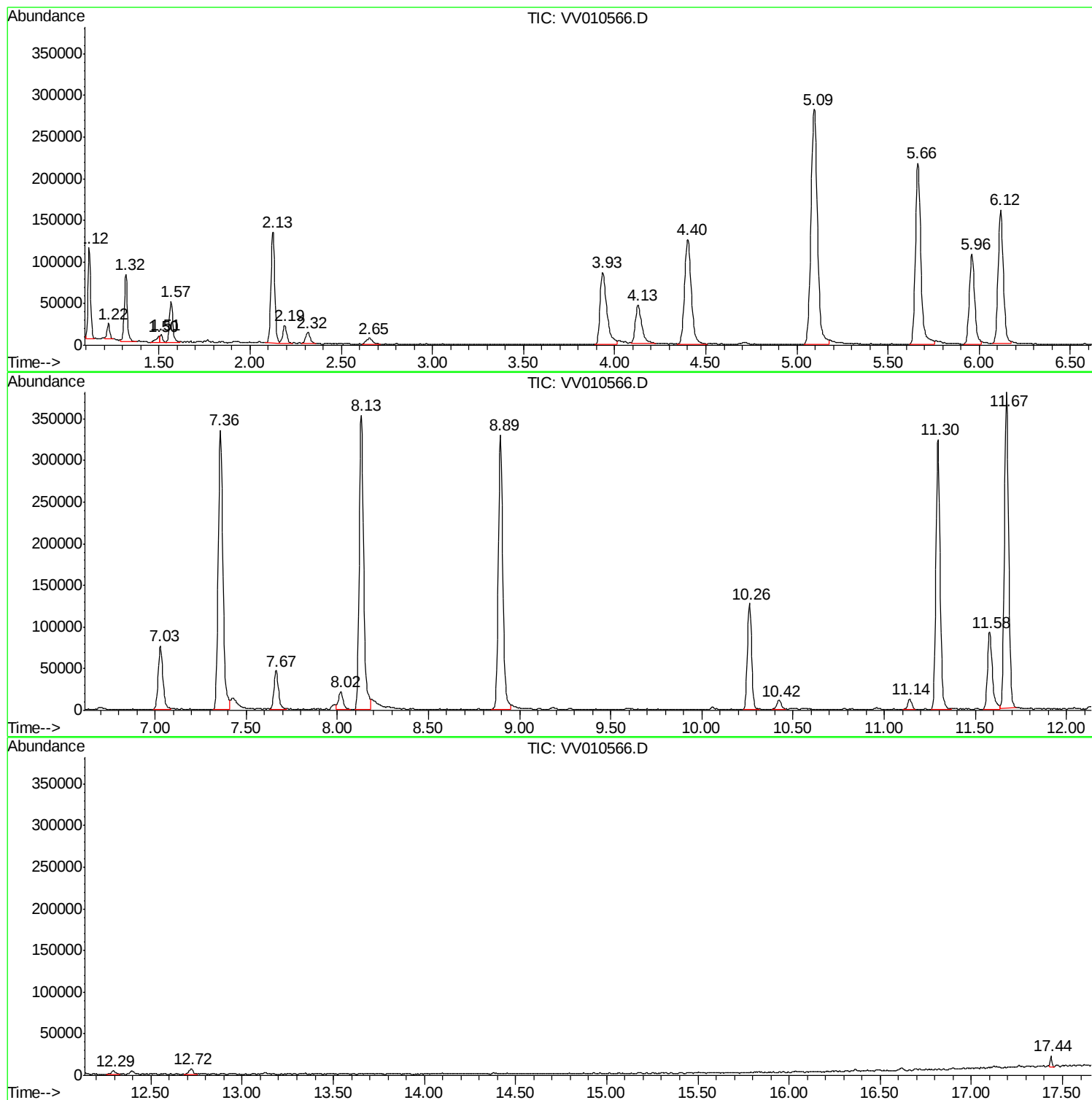
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0

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



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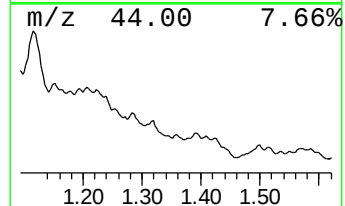
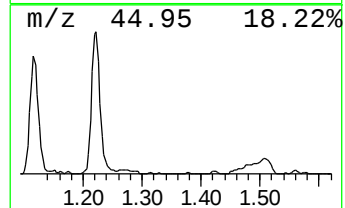
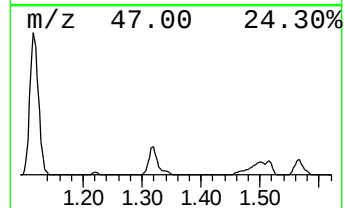
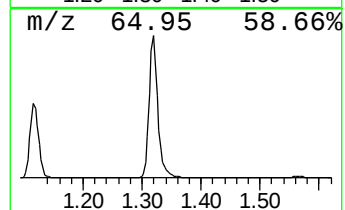
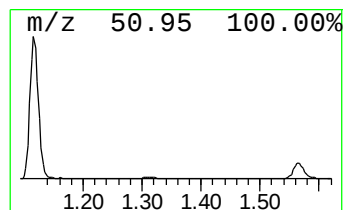
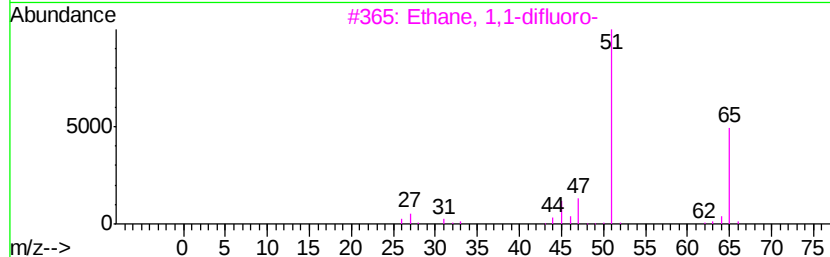
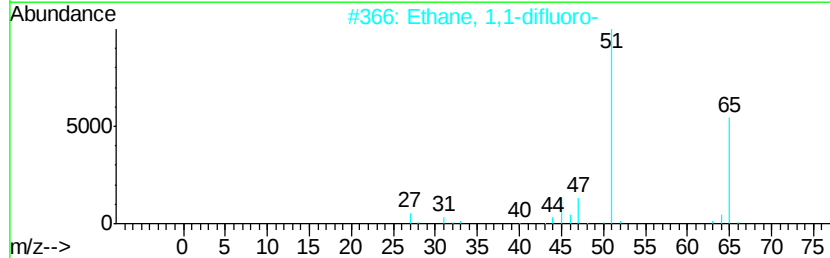
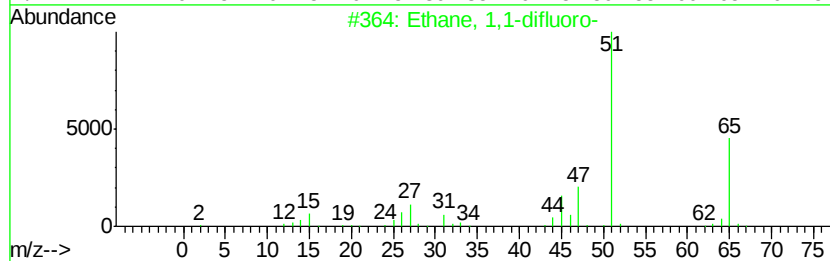
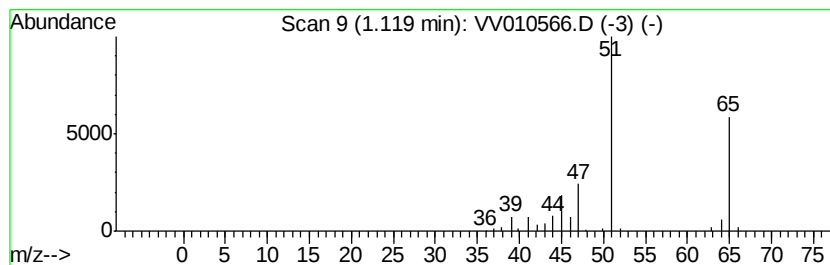
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.12	1.19 ug/L	107923	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			Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5			Propiolonitrile	51	C3HN	001070-71-9	3



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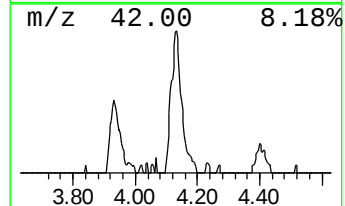
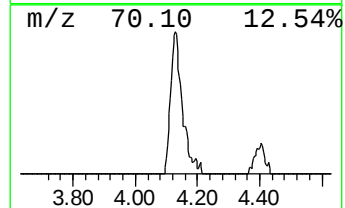
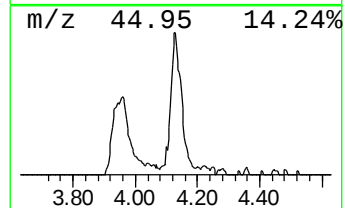
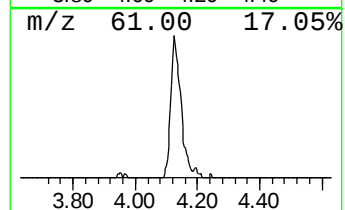
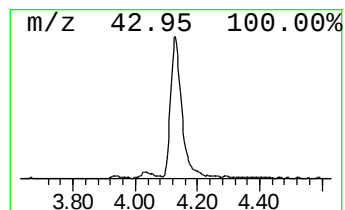
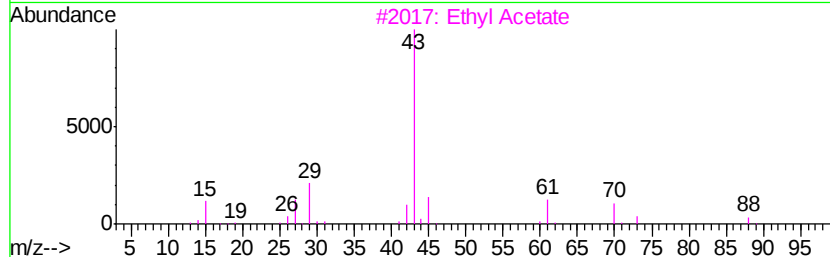
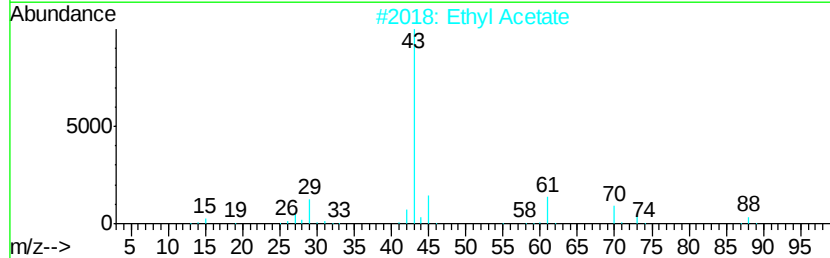
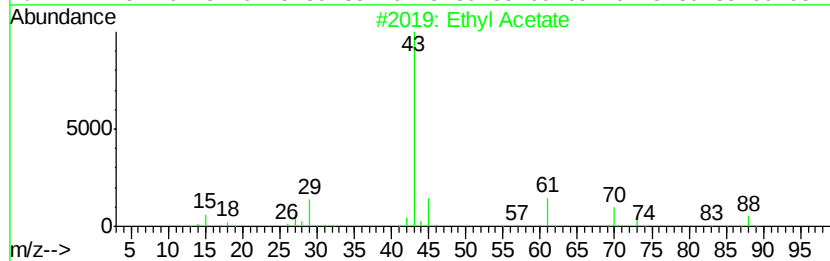
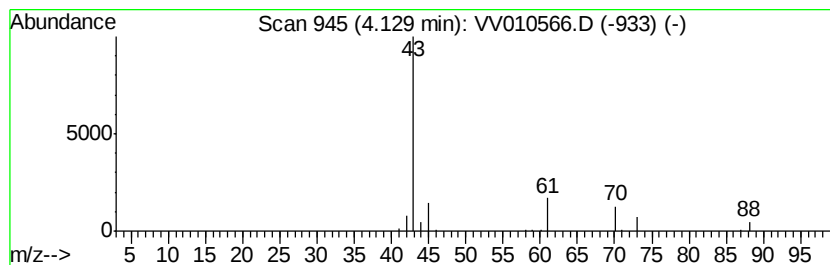
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethyl Acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.13	1.22 ug/L	110686	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	78
4		Ethyl Acetate	88	C4H8O2	000141-78-6	78
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38



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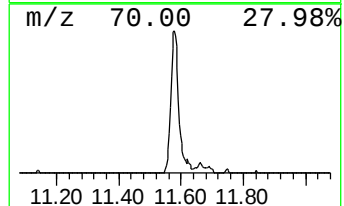
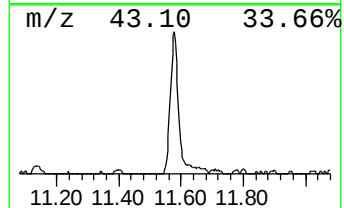
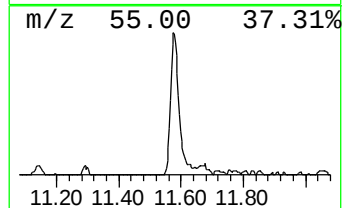
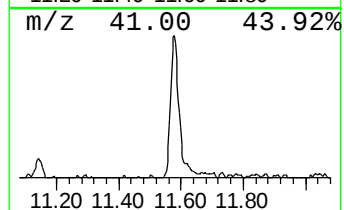
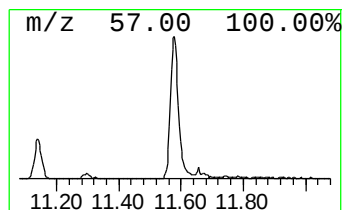
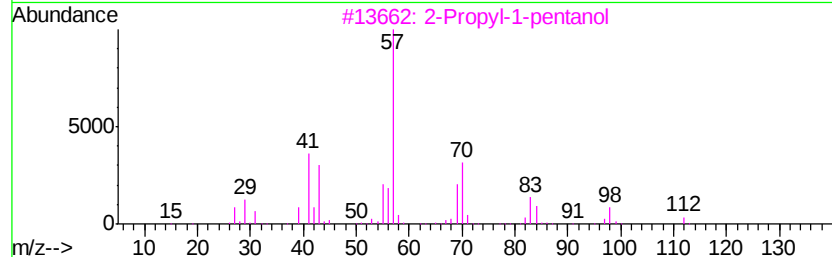
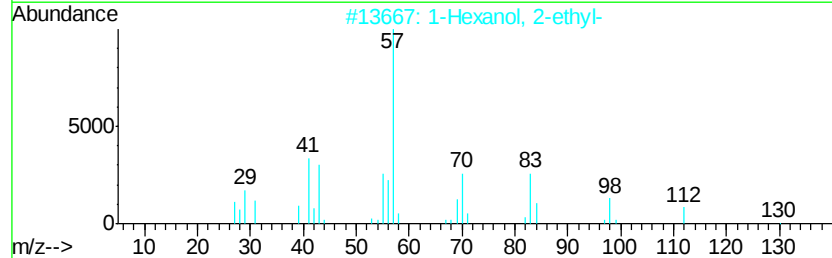
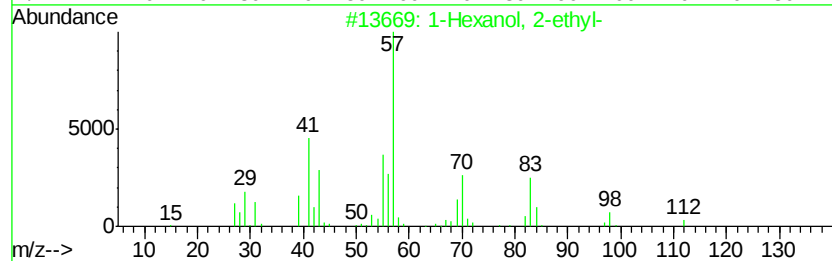
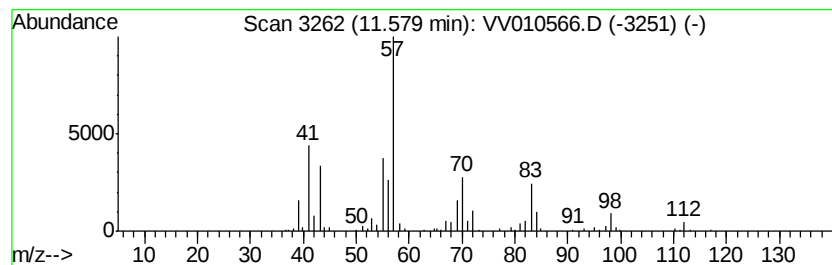
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	1.66 ug/L	171983	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53



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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
Ethane, 1,1-diflu...	1.12	1.2	ug/L	107923	1	5.66	453007	5.0
Ethyl Acetate	4.13	1.2	ug/L	110686	1	5.66	453007	5.0
1-Hexanol, 2-ethyl-	11.58	1.7	ug/L	171983	3	11.30	518757	5.0