

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100320\
 Data File : VU040481.D
 Acq On : 03 Oct 2020 15:55
 Operator : SY/MD
 Sample : L4185-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AT1

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_U\METHOD\SOMUTR092920WMA.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	1.526	52	58	66	rBV	11925	12951	2.50%	0.295%
2	1.607	73	83	97	rVB	50279	55681	10.74%	1.269%
3	1.925	173	182	195	rBV	41488	53176	10.26%	1.212%
4	2.581	374	386	401	rBV	84988	139949	27.00%	3.191%
5	2.668	401	413	437	rVV	10178	34812	6.72%	0.794%
6	3.604	693	704	718	rVB4	3234	7835	1.51%	0.179%
7	3.719	727	740	751	rBV7	2837	6010	1.16%	0.137%
8	3.980	807	821	834	rBV3	2088	5292	1.02%	0.121%
9	4.661	1015	1033	1070	rBV	60293	222045	42.84%	5.062%
10	4.829	1070	1085	1125	rVB	89021	234890	45.32%	5.355%
11	5.083	1148	1164	1193	rBV2	94659	225120	43.44%	5.132%
12	5.742	1348	1369	1399	rBV3	157225	415232	80.12%	9.467%
13	6.263	1515	1531	1548	rBV	170764	323046	62.33%	7.365%
14	6.703	1655	1668	1689	rVB2	101106	197947	38.20%	4.513%
15	7.574	1925	1939	1956	rBV	49509	88404	17.06%	2.015%
16	7.722	1974	1985	1996	rBV4	4874	8756	1.69%	0.200%
17	7.906	2028	2042	2055	rBV	178920	303176	58.50%	6.912%
18	7.976	2055	2064	2080	rVB2	29898	51480	9.93%	1.174%
19	8.185	2117	2129	2143	rBV	34606	57739	11.14%	1.316%
20	8.642	2256	2271	2298	rBV	273734	518253	100.00%	11.816%
21	8.790	2307	2317	2329	rBV3	29324	52435	10.12%	1.195%
22	9.420	2500	2513	2535	rBV	252746	417929	80.64%	9.528%
23	10.234	2755	2766	2777	rBV6	3357	5868	1.13%	0.134%
24	10.754	2915	2928	2944	rVB	81596	131783	25.43%	3.004%
25	10.889	2961	2970	2979	rBV3	5082	7924	1.53%	0.181%
26	11.471	3141	3151	3163	rBV6	3733	7157	1.38%	0.163%
27	11.616	3188	3196	3209	rVB5	5742	8884	1.71%	0.203%
28	11.680	3209	3216	3225	rBV4	4339	6034	1.16%	0.138%
29	11.809	3243	3256	3273	rVB	241205	380291	73.38%	8.670%
30	12.060	3323	3334	3348	rBV5	13832	29557	5.70%	0.674%
31	12.188	3362	3374	3386	rVB	185822	297329	57.37%	6.779%
32	12.767	3544	3554	3562	rBV	3555	5419	1.05%	0.124%
33	12.880	3579	3589	3603	rBV5	10866	15758	3.04%	0.359%
34	13.201	3675	3689	3698	rBV	38658	58047	11.20%	1.323%

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_U\METHOD\SOMUTR092920WMA.M
Title : TRACE VOA SOM01.0

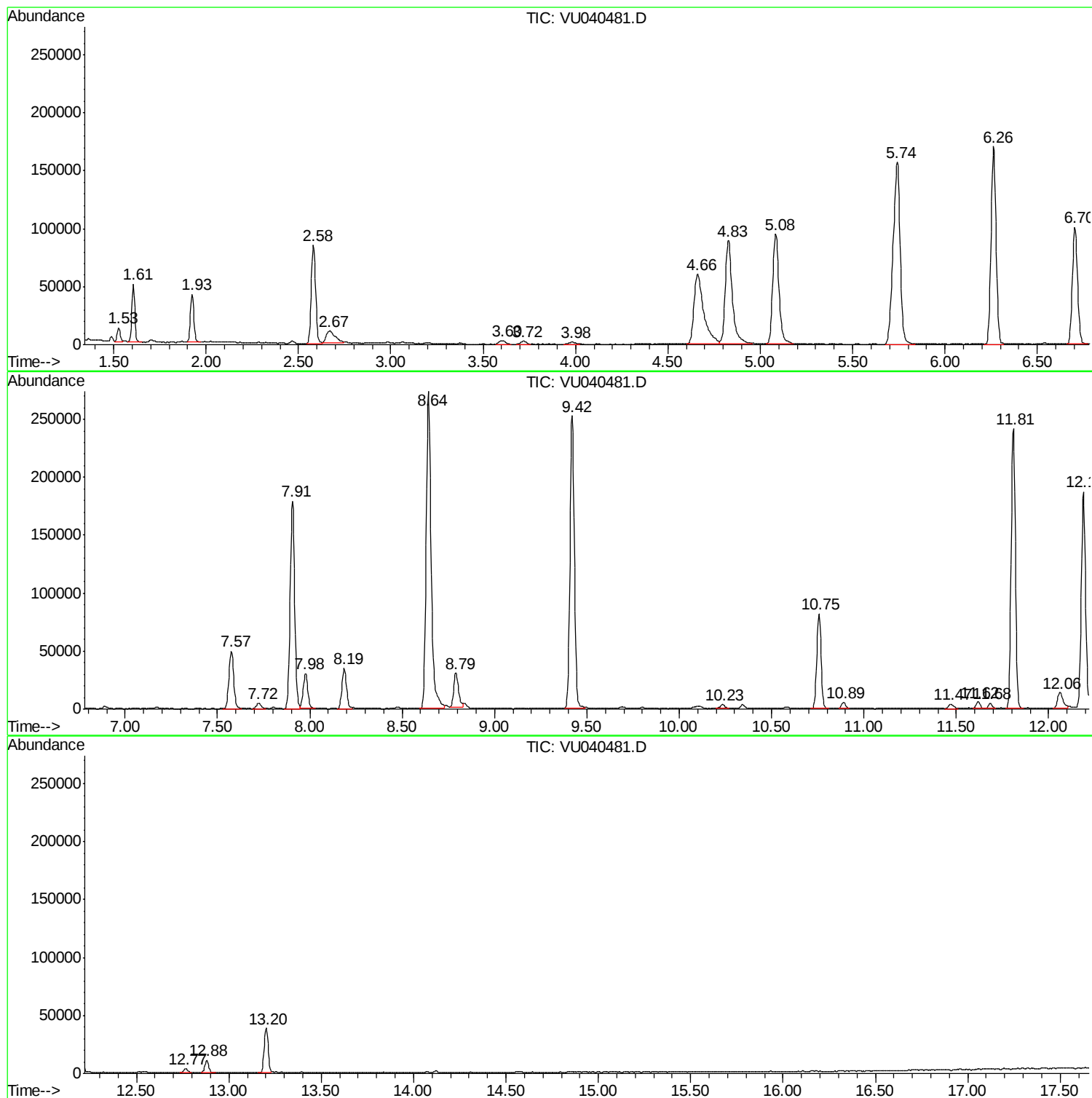
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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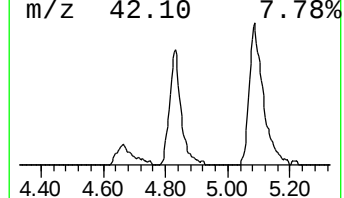
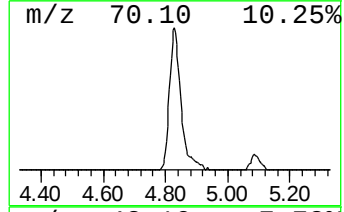
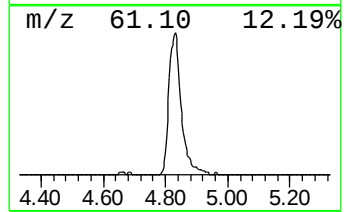
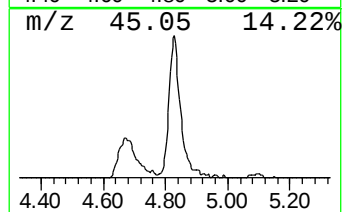
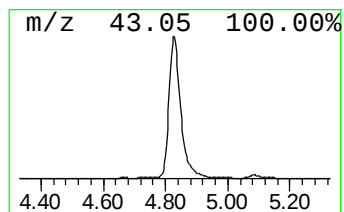
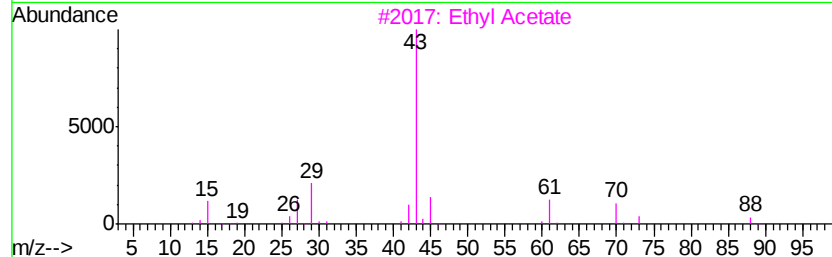
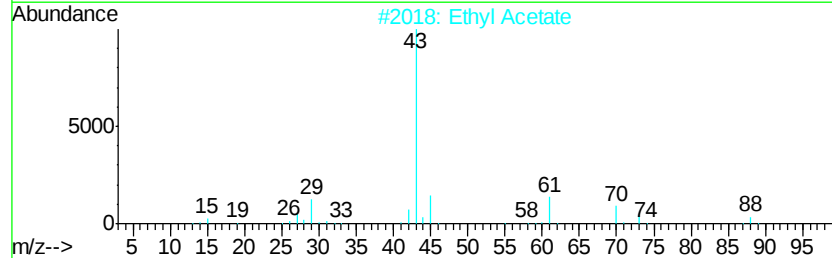
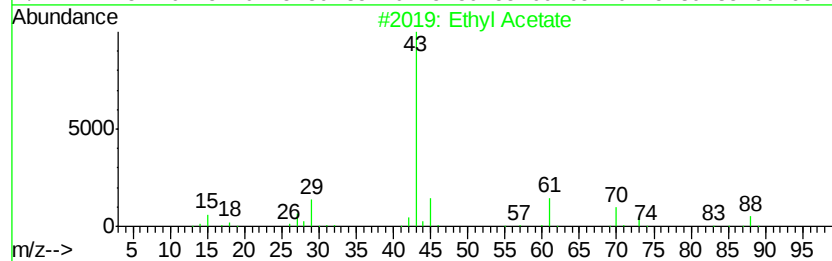
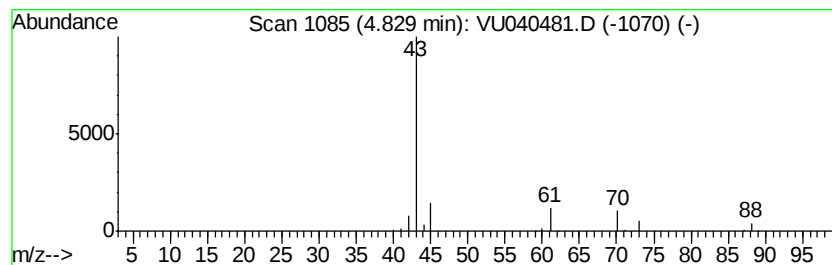
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	3.64 ug/L	234890	1,4-Difluorobenzene	6.26

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	64
5			CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	53



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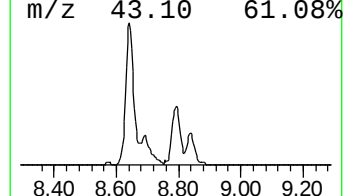
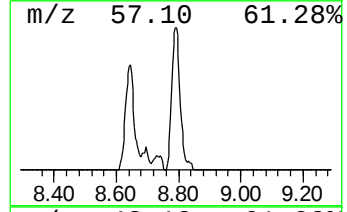
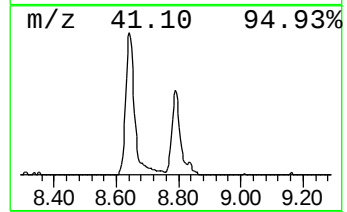
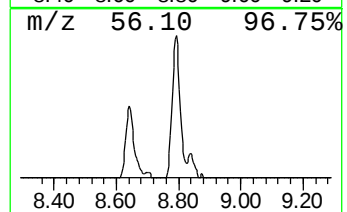
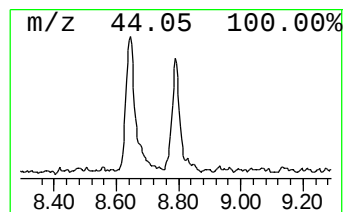
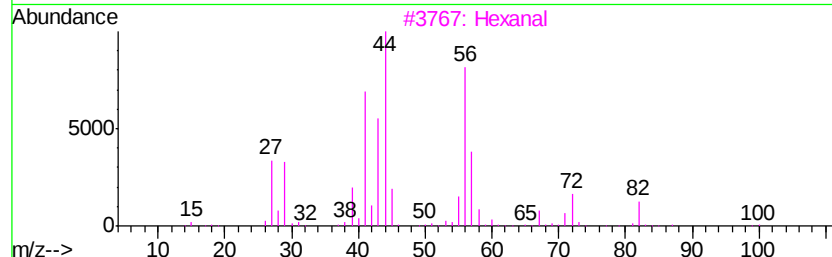
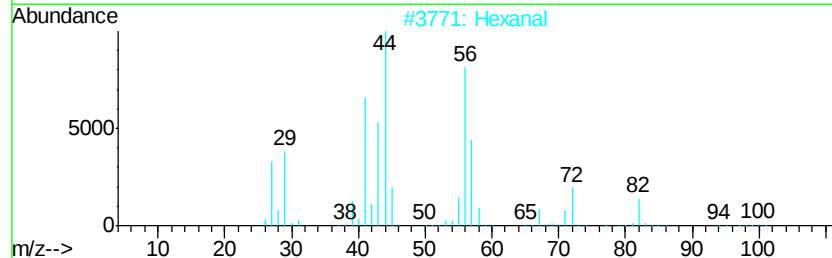
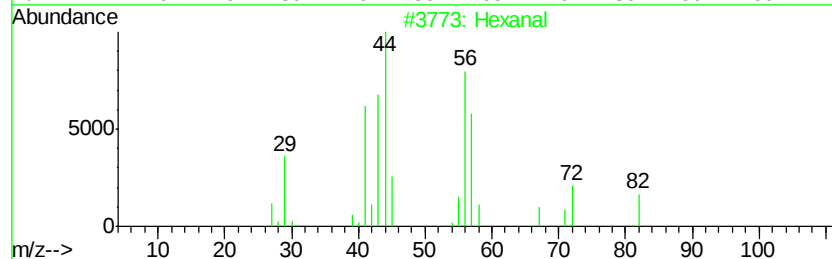
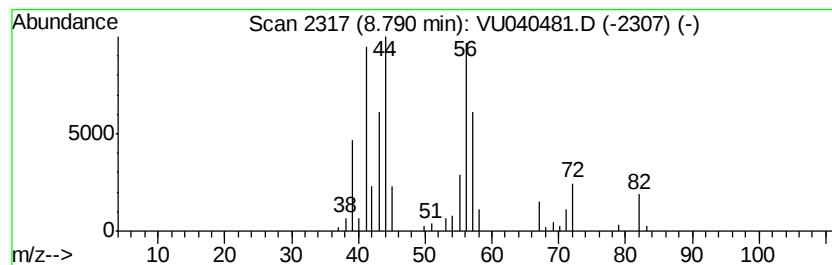
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	0.63 ug/L	52435	Chlorobenzene-d5	9.42

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	43



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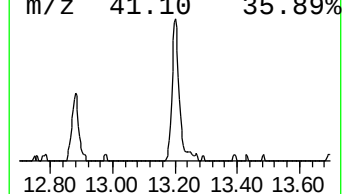
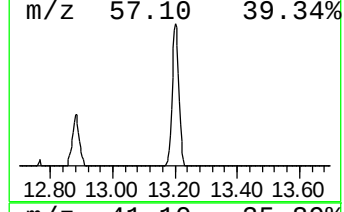
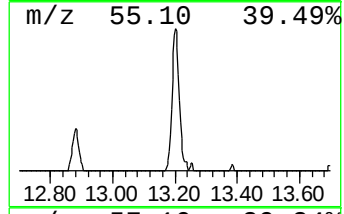
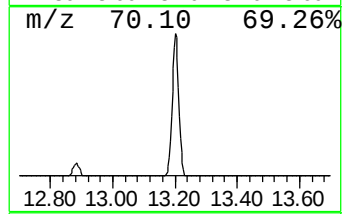
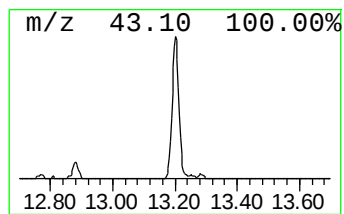
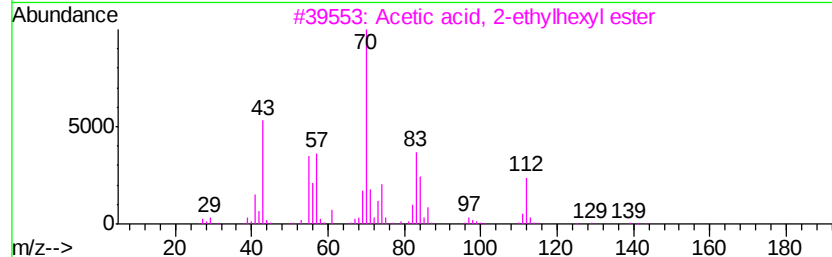
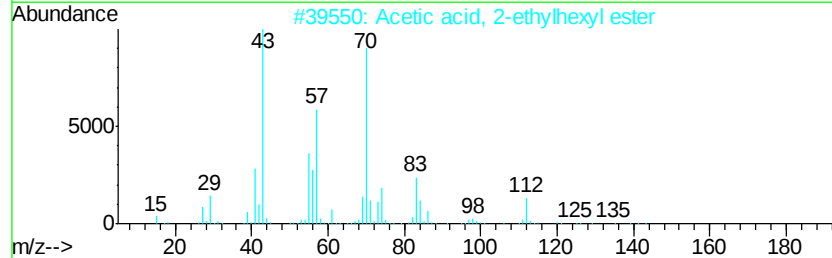
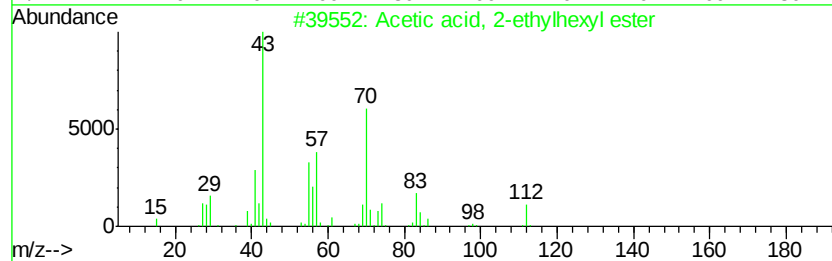
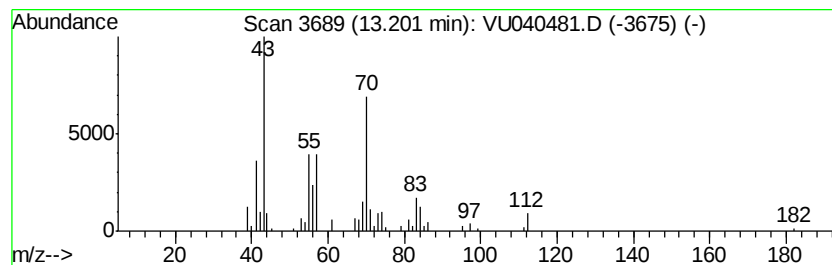
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Acetic acid, 2-ethylhexyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	0.76 ug/L	58047	1,4-Dichlorobenzene-d4	11.81

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90
2			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	80
3			Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	72
4			3-Methylheptyl acetate	172	C10H20O2	072218-58-7	59
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59



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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
Ethyl Acetate	4.83	3.6	ug/L	234890	1	6.26	323046	5.0
Hexanal	8.79	0.6	ug/L	52435	2	9.42	417929	5.0
Acetic acid, 2-et...	13.20	0.8	ug/L	58047	3	11.81	380291	5.0