

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
 Data File : VX005694.D
 Acq On : 30 Oct 2018 16:20
 Operator : JC/MD
 Sample : J5194-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-05-102618-C

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 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_X\METHOD\82X102418W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.605	68	74	78	rVB6	6453	12720	1.30%	0.149%
2	2.190	166	170	180	rVB2	13013	19678	2.00%	0.231%
3	2.446	206	212	219	rVB	31178	49372	5.03%	0.579%
4	2.775	259	266	272	rBV2	9431	18006	1.83%	0.211%
5	2.861	274	280	289	rVB	12569	24674	2.51%	0.289%
6	5.507	700	714	728	rBV2	127945	370861	37.78%	4.346%
7	5.665	728	740	757	rBV2	231590	640334	65.22%	7.504%
8	6.067	794	806	817	rBV	147645	376890	38.39%	4.417%
9	6.458	859	870	883	rBV3	119885	315413	32.13%	3.696%
10	6.866	926	937	960	rBV2	331609	792915	80.77%	9.292%
11	7.683	1062	1071	1076	rBV4	10282	29663	3.02%	0.348%
12	7.732	1076	1079	1085	rVB	6656	11236	1.14%	0.132%
13	7.884	1095	1104	1116	rBV	148286	255281	26.00%	2.992%
14	8.622	1219	1225	1233	rBV	6202	13024	1.33%	0.153%
15	8.713	1234	1240	1248	rVV	619418	981737	100.00%	11.505%
16	8.780	1248	1251	1263	rVB2	12421	26830	2.73%	0.314%
17	9.408	1350	1354	1358	rVB	12750	15686	1.60%	0.184%
18	9.542	1371	1376	1380	rBV	68292	95653	9.74%	1.121%
19	9.585	1380	1383	1388	rVV2	33206	53980	5.50%	0.633%
20	9.640	1388	1392	1403	rVB	23670	35172	3.58%	0.412%
21	9.969	1441	1446	1457	rBV	74086	102931	10.48%	1.206%
22	10.116	1462	1470	1482	rBV	617888	867002	88.31%	10.161%
23	10.353	1503	1509	1518	rVB	13552	21170	2.16%	0.248%
24	10.701	1561	1566	1570	rBV	14610	19571	1.99%	0.229%
25	11.140	1632	1638	1652	rBV	518877	665001	67.74%	7.793%
26	11.359	1668	1674	1680	rBV	7804	10053	1.02%	0.118%
27	11.432	1680	1686	1694	rVV	27988	52070	5.30%	0.610%
28	11.506	1694	1698	1708	rVB2	17590	24412	2.49%	0.286%
29	11.670	1715	1725	1731	rBV	27193	40448	4.12%	0.474%
30	11.810	1743	1748	1753	rVB	68091	90669	9.24%	1.063%
31	12.024	1779	1783	1786	rBV	8208	9866	1.00%	0.116%
32	12.079	1786	1792	1798	rVV	690034	849879	86.57%	9.960%
33	12.140	1798	1802	1810	rVB	52864	69814	7.11%	0.818%
34	12.298	1820	1828	1831	rBV	37520	58038	5.91%	0.680%

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35	12.371	1836	1840	1850	rVB3	28719	46169	4.70%	0.541%
36	12.463	1850	1855	1859	rBV	6748	9901	1.01%	0.116%
37	12.518	1859	1864	1869	rVB	19374	23898	2.43%	0.280%
38	12.585	1869	1875	1877	rBV	22869	28753	2.93%	0.337%
39	12.609	1877	1879	1883	rVV	23350	28486	2.90%	0.334%
40	12.670	1883	1889	1892	rVV	31464	46629	4.75%	0.546%
41	12.700	1892	1894	1898	rVB	9277	9919	1.01%	0.116%
42	12.755	1898	1903	1911	rBV3	26297	48173	4.91%	0.565%
43	12.902	1922	1927	1933	rVB2	21140	31132	3.17%	0.365%
44	12.975	1933	1939	1943	rBV	18984	25592	2.61%	0.300%
45	13.017	1943	1946	1951	rVB	39773	47262	4.81%	0.554%
46	13.200	1972	1976	1977	rBV2	7977	11037	1.12%	0.129%
47	13.225	1977	1980	1984	rVB	33095	39446	4.02%	0.462%
48	13.310	1990	1994	1996	rBV2	9156	12893	1.31%	0.151%
49	13.347	1996	2000	2006	rVB2	105936	147278	15.00%	1.726%
50	13.481	2016	2022	2028	rBV	110106	136538	13.91%	1.600%
51	13.560	2031	2035	2038	rVV2	7807	10533	1.07%	0.123%
52	13.603	2038	2042	2045	rVV	15028	22215	2.26%	0.260%
53	13.639	2045	2048	2054	rVV3	21942	45023	4.59%	0.528%
54	13.700	2054	2058	2059	rVV4	11057	17199	1.75%	0.202%
55	13.719	2059	2061	2067	rVB2	23464	33403	3.40%	0.391%
56	13.834	2072	2080	2088	rVB2	19179	32014	3.26%	0.375%
57	13.914	2088	2093	2097	rVB	33855	44839	4.57%	0.525%
58	13.987	2097	2105	2109	rBV2	40215	58756	5.98%	0.689%
59	14.029	2109	2112	2116	rVB2	11567	13801	1.41%	0.162%
60	14.133	2124	2129	2133	rBV	23412	30575	3.11%	0.358%
61	14.286	2147	2154	2161	rBV	96992	154490	15.74%	1.810%
62	14.377	2166	2169	2174	rVV	10474	14343	1.46%	0.168%
63	14.432	2174	2178	2182	rVB2	25720	32614	3.32%	0.382%
64	14.542	2190	2196	2201	rBV2	70817	94913	9.67%	1.112%
65	14.694	2214	2221	2225	rBV2	41552	80437	8.19%	0.943%
66	14.731	2225	2227	2232	rVB2	16557	18936	1.93%	0.222%
67	14.840	2240	2245	2248	rBV	24604	31063	3.16%	0.364%
68	14.962	2261	2265	2272	rVV4	8885	17996	1.83%	0.211%
69	15.249	2306	2312	2315	rBV2	19579	32247	3.28%	0.378%
70	15.547	2356	2361	2366	rBV4	9591	16408	1.67%	0.192%
71	15.688	2378	2384	2388	rBV3	9770	18088	1.84%	0.212%

LSC Area Percent Report

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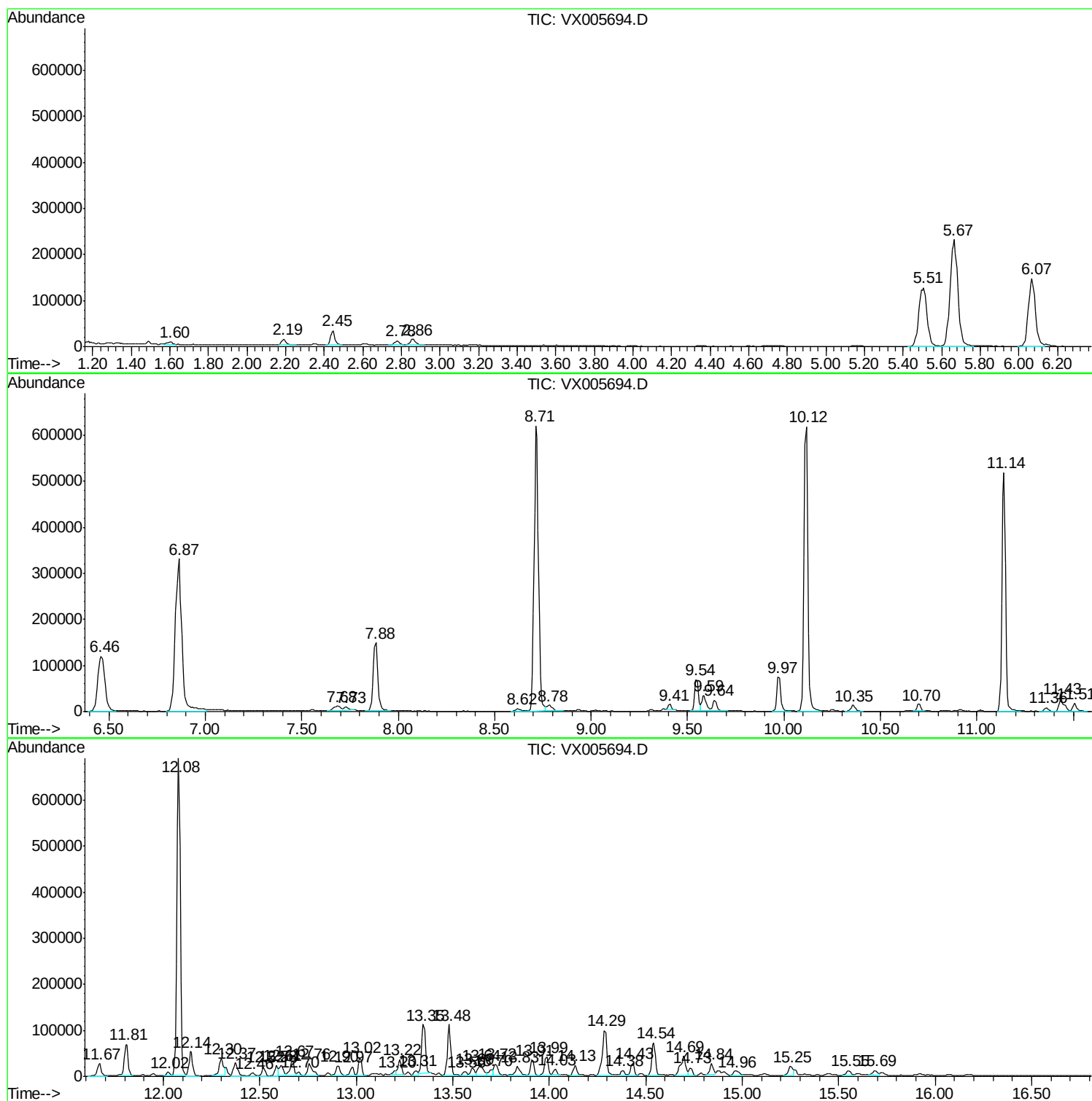
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260

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



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampled :
HR-05-102618-C

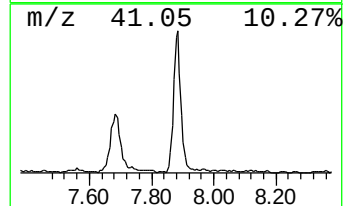
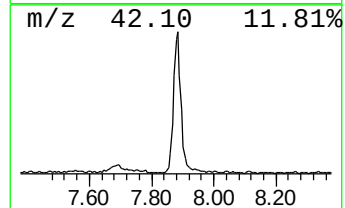
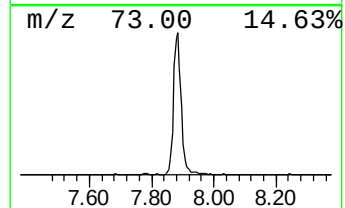
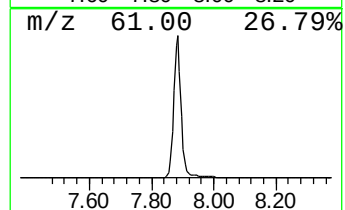
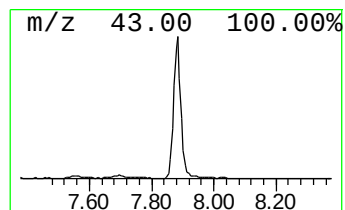
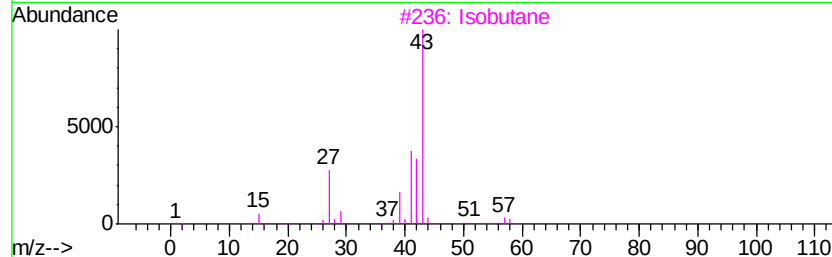
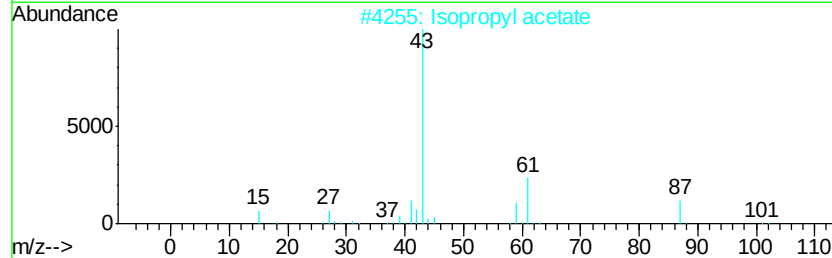
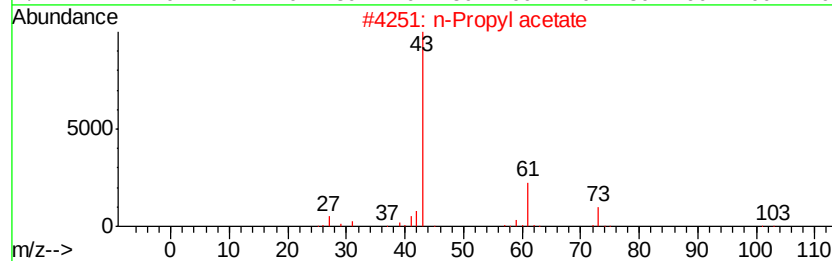
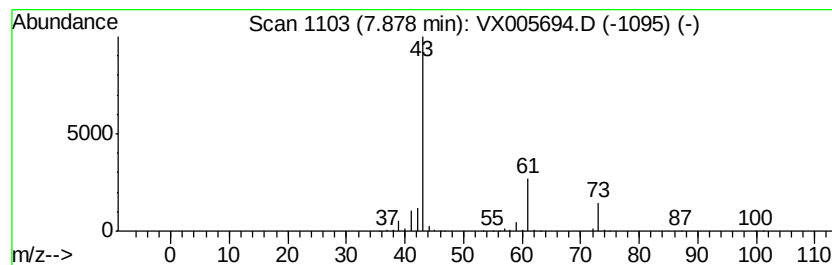
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Quant Title : SW846 8260

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

Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	16.10 ug/l	255281	1,4-Difluorobenzene	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2		Isopropyl acetate	102	C5H10O2	000108-21-4	36
3		Isobutane	58	C4H10	000075-28-5	9
4		Isobutyl acetate	116	C6H12O2	000110-19-0	9
5		Isobutylamine	73	C4H11N	000078-81-9	7



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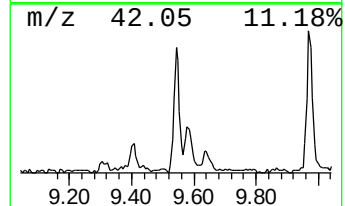
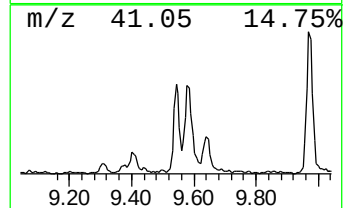
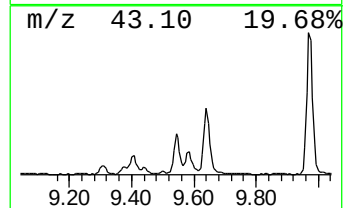
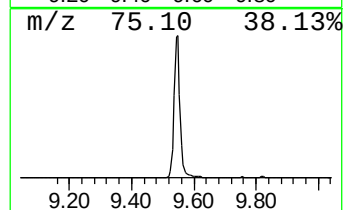
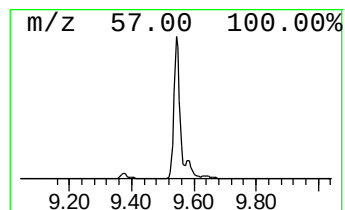
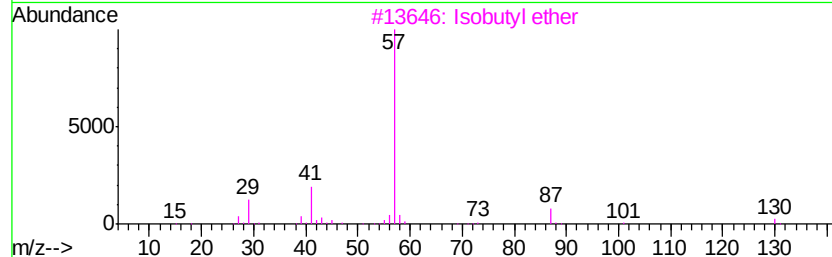
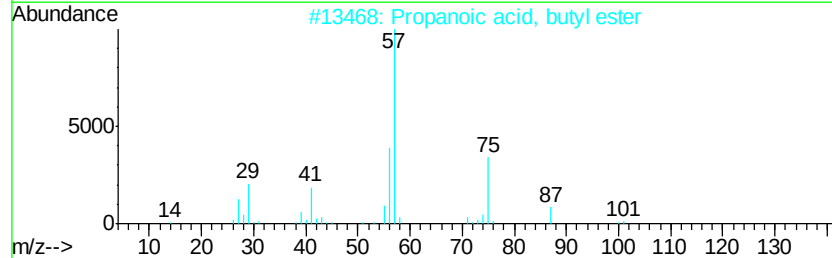
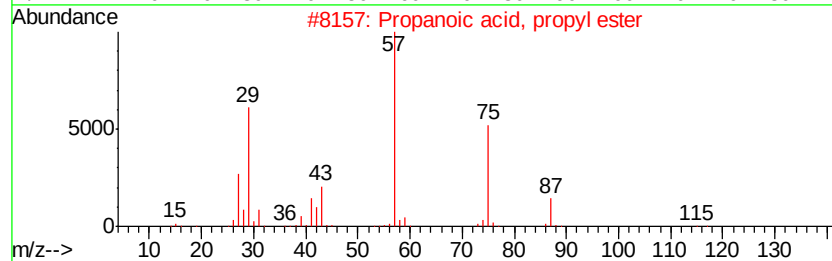
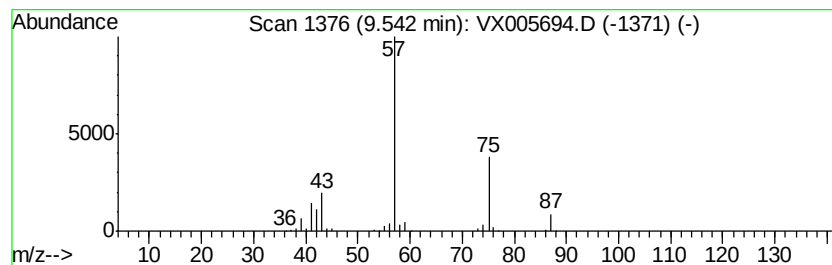
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, propyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.52 ug/l	95653	Chlorobenzene-d5	10.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83	
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38	
3	Isobutyl ether	130	C8H18O	000628-55-7	12	
4	Trimethylaluminum	72	C3H9Al	000075-24-1	9	
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9	



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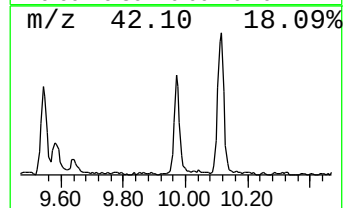
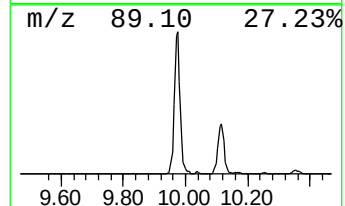
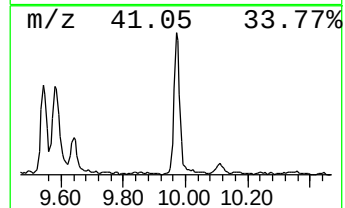
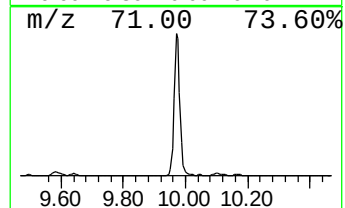
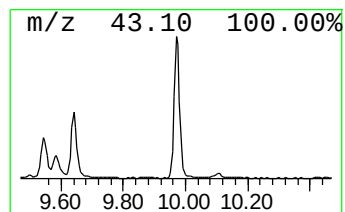
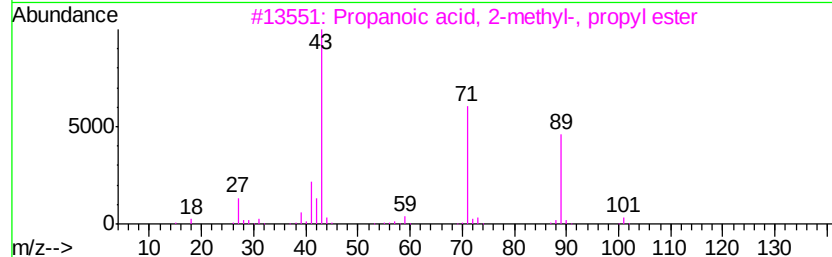
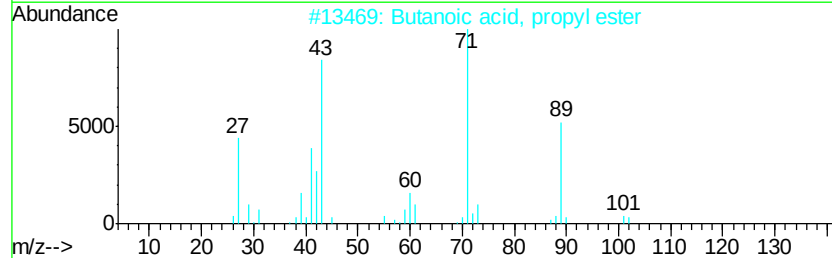
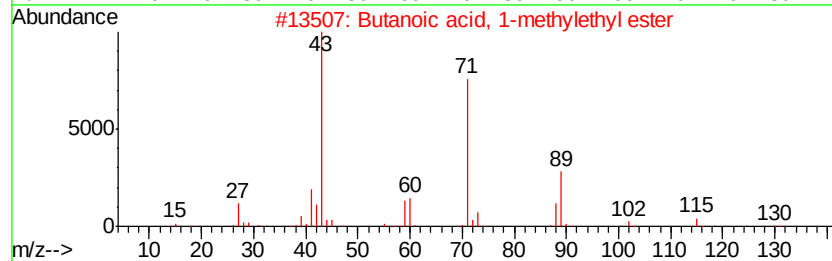
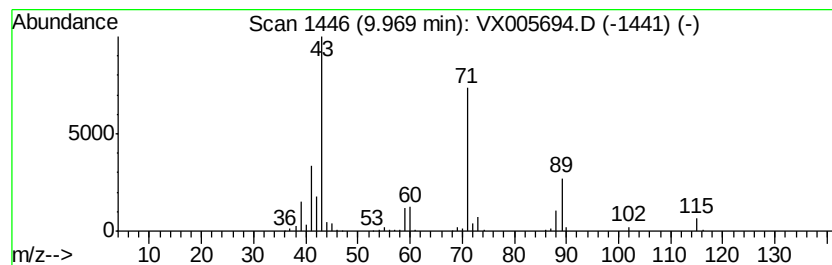
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Peak Number 3 Butanoic acid, 1-methylethy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	5.94 ug/l	102931	Chlorobenzene-d5	10.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2		Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
3		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
4		Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72
5		Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	64



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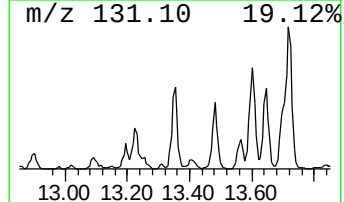
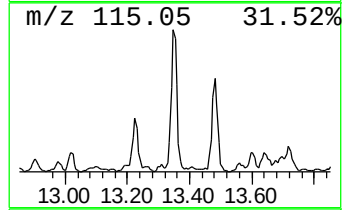
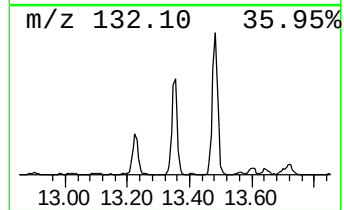
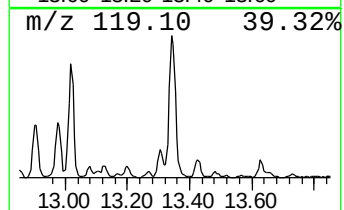
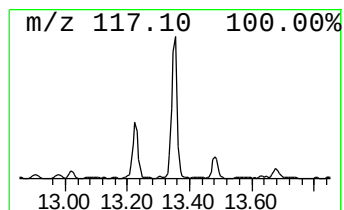
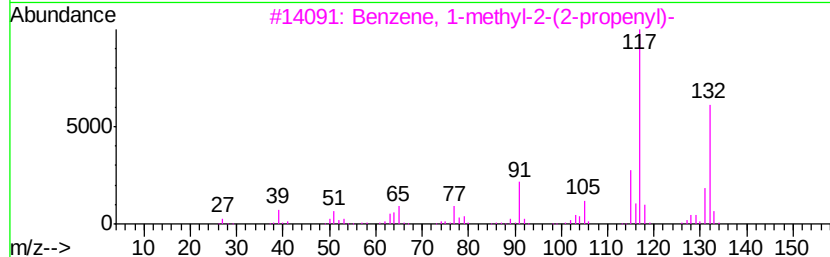
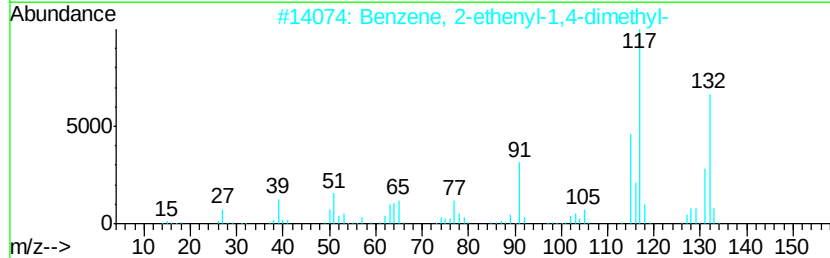
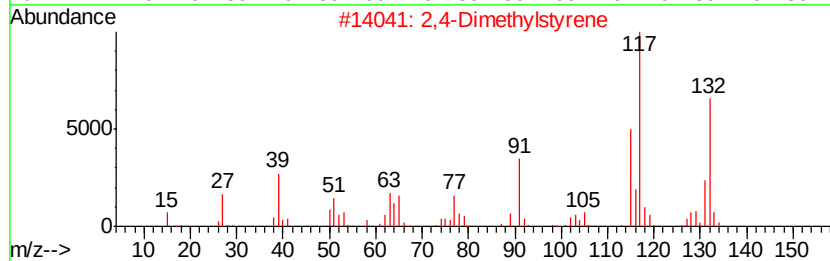
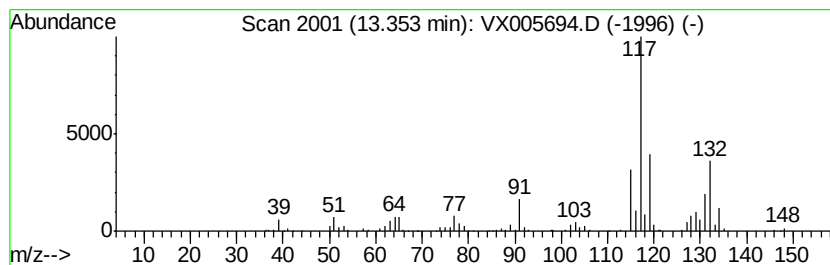
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Peak Number 4 2,4-Dimethylstyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	8.66 ug/l	147278	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4-Dimethylstyrene	132 C10H12	002234-20-0	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132 C10H12	002039-89-6	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132 C10H12	001587-04-8	70
4	3-Phenylbut-1-ene	132 C10H12	000934-10-1	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132 C10H12	000824-22-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
Data File : VX005694.D
Acq On : 30 Oct 2018 16:20
Operator : JC/MD
Sample : J5194-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

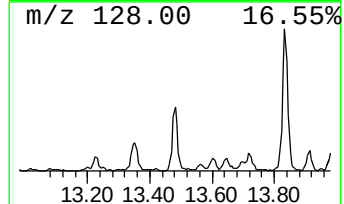
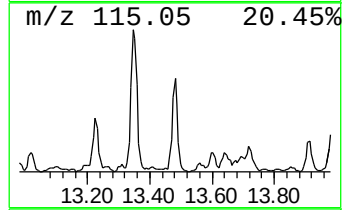
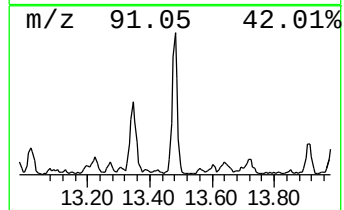
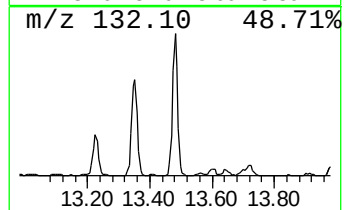
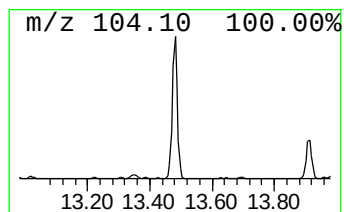
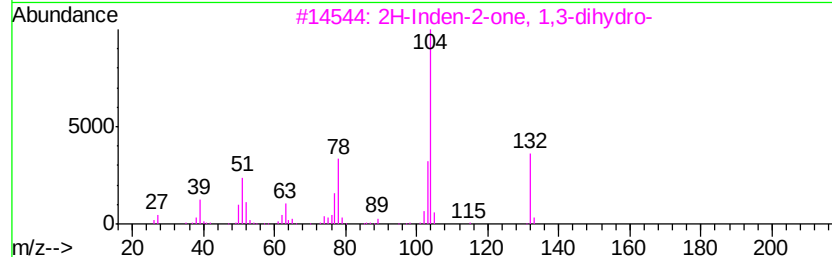
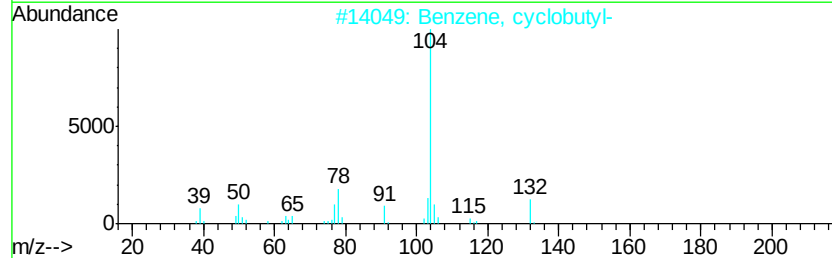
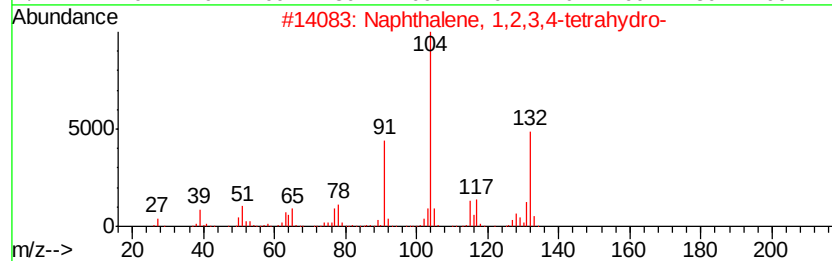
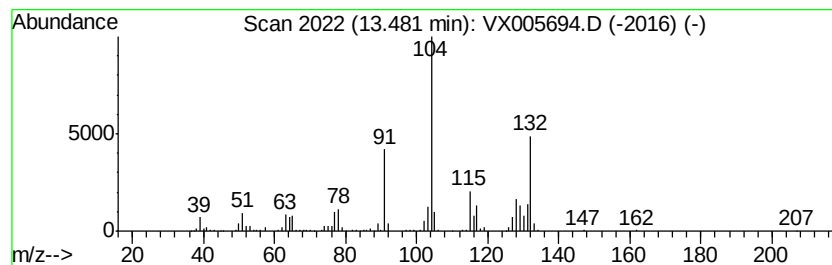
Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.48	8.03 ug/l	136538	1,4-Dichlorobenzene-d4	12.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2		Benzene, cyclobutyl-	132	C10H12	004392-30-7	50
3		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47
4		N-Ethylbenzimidoyl bromide	211	C9H10BrN	041182-87-0	38
5		2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
Data File : VX005694.D
Acq On : 30 Oct 2018 16:20
Operator : JC/MD
Sample : J5194-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

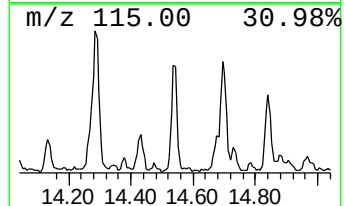
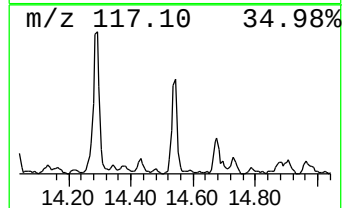
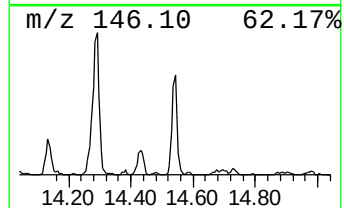
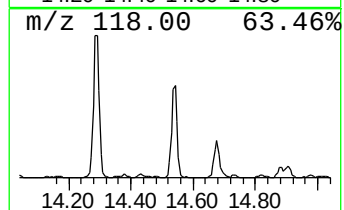
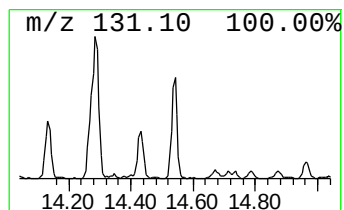
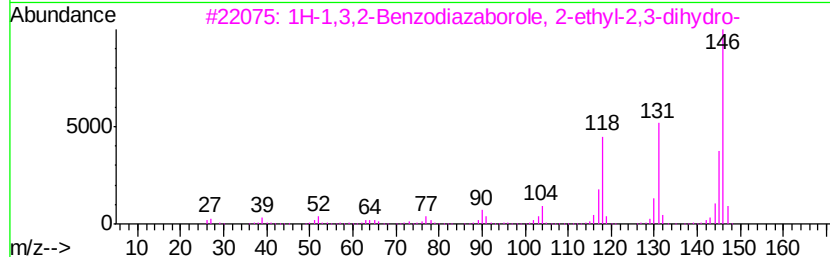
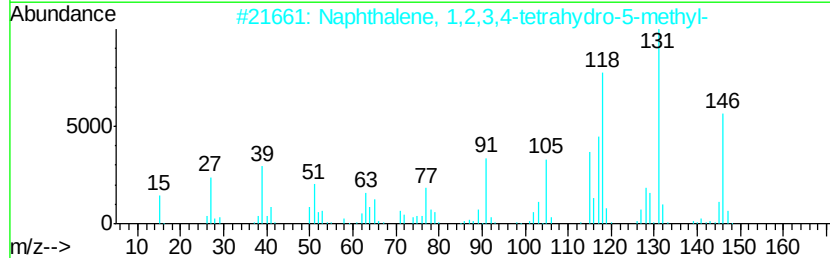
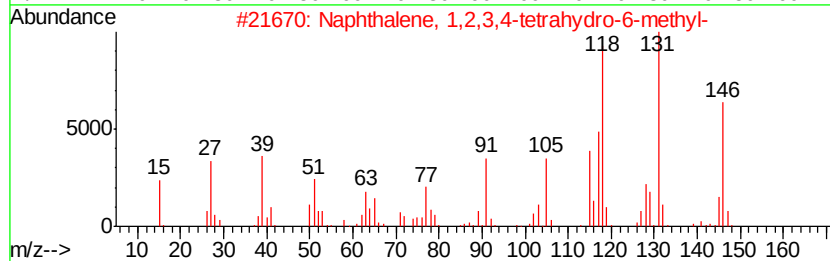
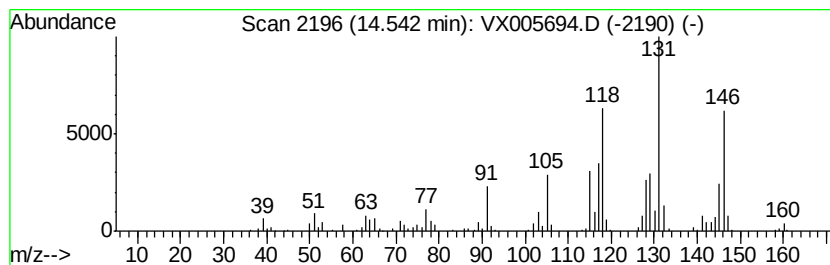
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	5.58 ug/l	94913	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	90
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX103018\
Data File : VX005694.D
Acq On : 30 Oct 2018 16:20
Operator : JC/MD
Sample : J5194-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
HR-05-102618-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Propyl acetate	7.88	16.1	ug/l	255281	2	6.87	792915	50.0
Propanoic acid, p...	9.54	5.5	ug/l	95653	3	10.12	867002	50.0
Butanoic acid, 1-...	9.97	5.9	ug/l	102931	3	10.12	867002	50.0
2,4-Dimethylstyrene	13.35	8.7	ug/l	147278	4	12.08	849879	50.0
Naphthalene, 1,2,...	13.48	8.0	ug/l	136538	4	12.08	849879	50.0
Naphthalene, 1,2,...	14.54	5.6	ug/l	94913	4	12.08	849879	50.0