

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061221.D
 Acq On : 20 Mar 2019 21:16
 Operator : VA/AP
 Sample : K2004-08
 Misc : 3.64g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(13.5-14.5)

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_D\METHOD\82D030719S.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	2.642	120	124	127	rBV2	8697	22022	1.61%	0.232%
2	3.213	178	182	185	rBV2	11668	27476	2.00%	0.290%
3	3.380	195	199	210	rBV	74933	203187	14.82%	2.144%
4	3.813	238	243	253	rVB2	32077	90927	6.63%	0.959%
5	4.699	327	333	341	rBV2	14176	42718	3.12%	0.451%
6	5.408	400	405	413	rBV4	5300	20727	1.51%	0.219%
7	6.914	552	558	565	rBV	272573	796579	58.10%	8.405%
8	7.032	565	570	583	rVB	388963	1107879	80.81%	11.689%
9	7.446	605	612	623	rBV	193253	521057	38.00%	5.498%
10	7.771	639	645	648	rBV2	7530	20351	1.48%	0.215%
11	8.214	684	690	701	rBV	519196	1371025	100.00%	14.466%
12	8.657	732	735	743	rVB2	12125	32190	2.35%	0.340%
13	9.543	821	825	828	rVB2	6216	15672	1.14%	0.165%
14	9.720	839	843	852	rVB2	11007	32646	2.38%	0.344%
15	10.399	904	912	919	rBV	588769	1329158	96.95%	14.024%
16	10.497	919	922	929	rVV2	40247	88172	6.43%	0.930%
17	10.655	933	938	947	rVB	95022	212173	15.48%	2.239%
18	10.901	960	963	970	rBV2	7818	19981	1.46%	0.211%
19	11.226	991	996	1001	rBV2	12287	39563	2.89%	0.417%
20	12.181	1089	1093	1096	rVB2	12911	25385	1.85%	0.268%
21	12.358	1107	1111	1120	rVB	697401	1135664	82.83%	11.982%
22	12.525	1123	1128	1132	rBV4	6913	16450	1.20%	0.174%
23	12.604	1132	1136	1138	rVV2	8287	18055	1.32%	0.190%
24	12.663	1139	1142	1147	rVV3	19633	41551	3.03%	0.438%
25	12.742	1147	1150	1156	rVB3	11394	20112	1.47%	0.212%
26	12.988	1171	1175	1179	rVV4	19607	36094	2.63%	0.381%
27	13.086	1182	1185	1188	rVB3	9196	16948	1.24%	0.179%
28	13.480	1220	1225	1228	rBV3	12272	26633	1.94%	0.281%
29	13.549	1228	1232	1238	rBV2	398454	651807	47.54%	6.877%
30	13.657	1240	1243	1246	rVV	132505	178584	13.03%	1.884%
31	13.923	1267	1270	1272	rVV	10586	17629	1.29%	0.186%
32	13.963	1272	1274	1276	rVB3	11847	16414	1.20%	0.173%
33	14.071	1281	1285	1287	rVV2	8331	18583	1.36%	0.196%
34	14.110	1287	1289	1292	rVV3	8172	16817	1.23%	0.177%

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35	14.199	1295	1298	1299	rVV2	13884	22507	1.64%	0.237%
36	14.317	1308	1310	1314	rVV2	13816	25572	1.87%	0.270%
37	14.435	1317	1322	1324	rVV4	26929	63708	4.65%	0.672%
38	14.514	1327	1330	1334	rVV	459065	592726	43.23%	6.254%
39	14.573	1334	1336	1339	rVV2	40004	59134	4.31%	0.624%
40	14.612	1339	1340	1345	rVB2	10899	17638	1.29%	0.186%
41	14.799	1357	1359	1360	rBV	12341	14866	1.08%	0.157%
42	14.839	1360	1363	1366	rVV	45061	70280	5.13%	0.742%
43	14.898	1366	1369	1371	rVV2	19945	38079	2.78%	0.402%
44	14.937	1371	1373	1378	rVB3	14288	23375	1.70%	0.247%
45	15.016	1378	1381	1386	rBV3	13054	33024	2.41%	0.348%
46	15.114	1389	1391	1395	rVB3	13327	20682	1.51%	0.218%
47	15.213	1398	1401	1405	rVB3	21605	40035	2.92%	0.422%
48	15.282	1405	1408	1410	rBV2	22508	33330	2.43%	0.352%
49	15.321	1410	1412	1415	rVB3	20645	35335	2.58%	0.373%
50	15.420	1420	1422	1426	rVB3	12189	22994	1.68%	0.243%
51	15.498	1429	1430	1433	rVB2	12449	17253	1.26%	0.182%
52	15.656	1443	1446	1447	rBV	12206	17351	1.27%	0.183%
53	15.685	1447	1449	1452	rVV3	15918	23663	1.73%	0.250%
54	15.735	1452	1454	1458	rVB3	17085	28033	2.04%	0.296%
55	15.794	1458	1460	1463	rBV4	9660	17052	1.24%	0.180%
56	16.119	1491	1493	1498	rVB	23410	30926	2.26%	0.326%

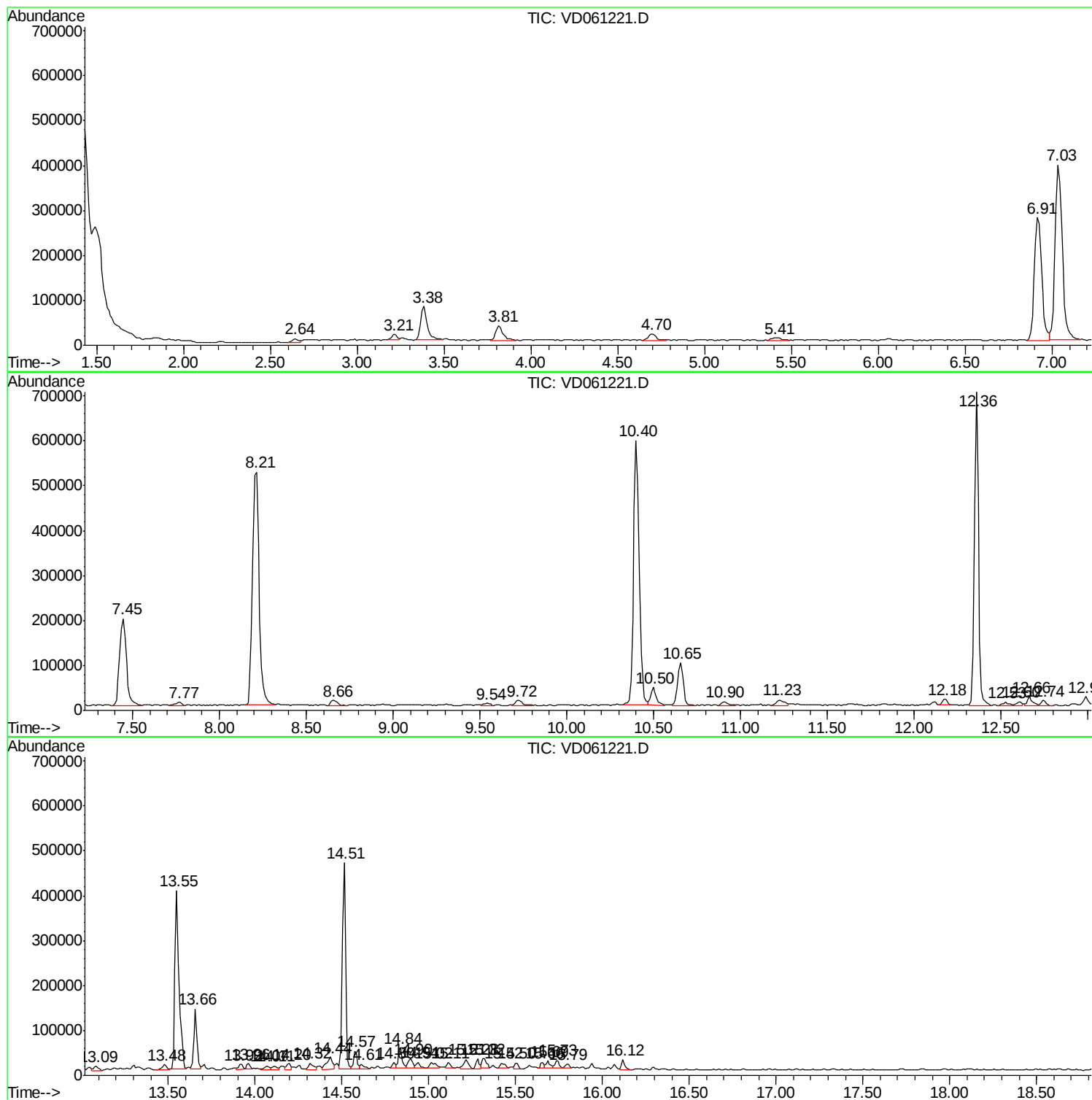
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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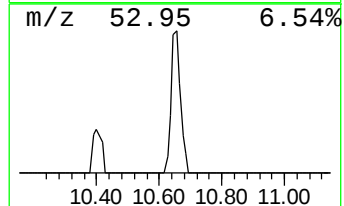
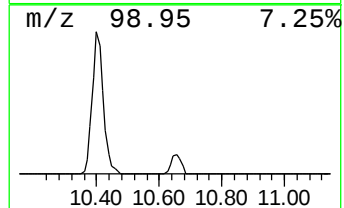
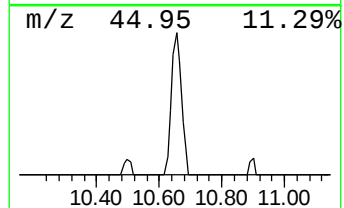
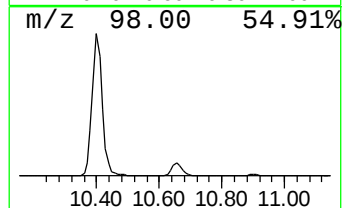
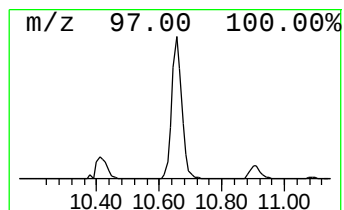
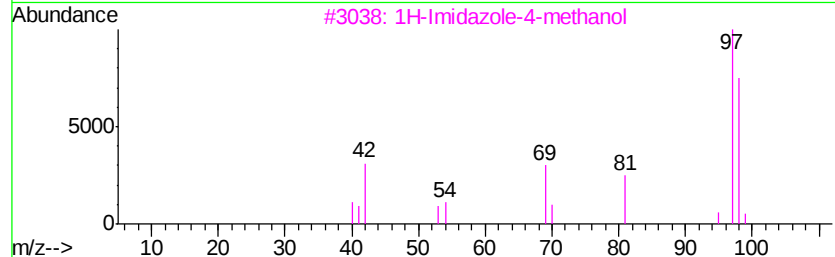
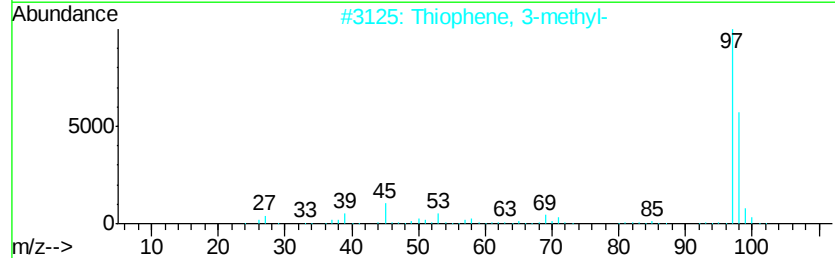
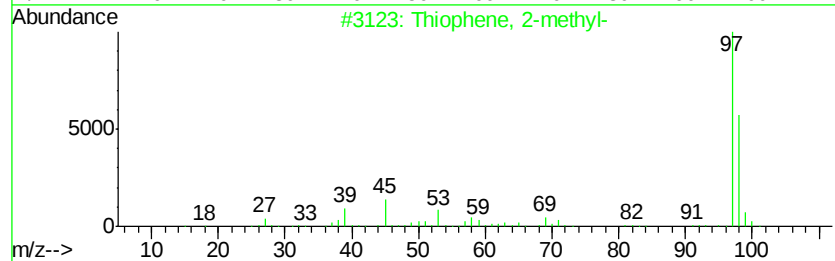
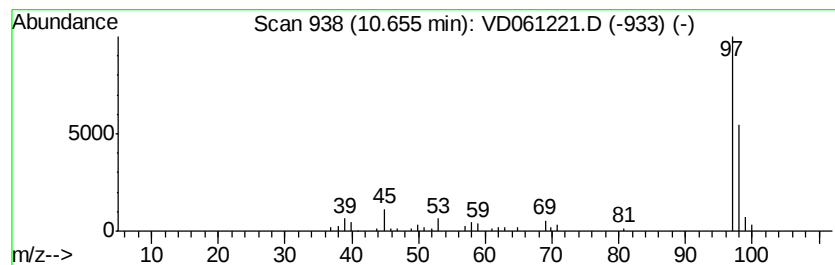
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260

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

Peak Number 1 Thiophene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	9.34 ug/l	212173	Chlorobenzene-d5	12.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2-methyl-	98	C5H6S	000554-14-3	94
2			Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3			1H-Imidazole-4-methanol	98	C4H6N2O	000822-55-9	64
4			Propennitrile, 3-ethoxy-2-(2-thi...	257	C10H11N03S2	1000267-97-5	38
5			Piperidine, 4-methyl-	99	C6H13N	000626-58-4	10



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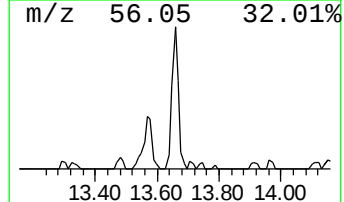
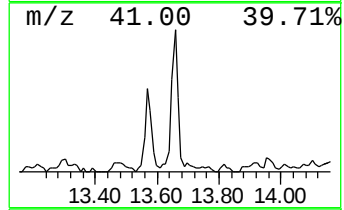
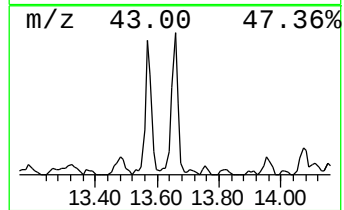
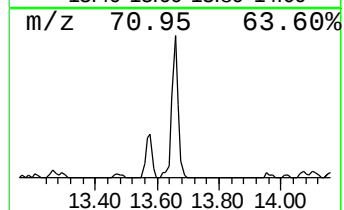
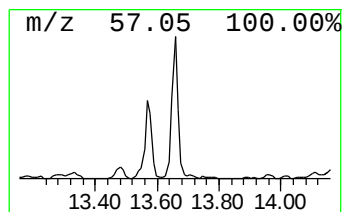
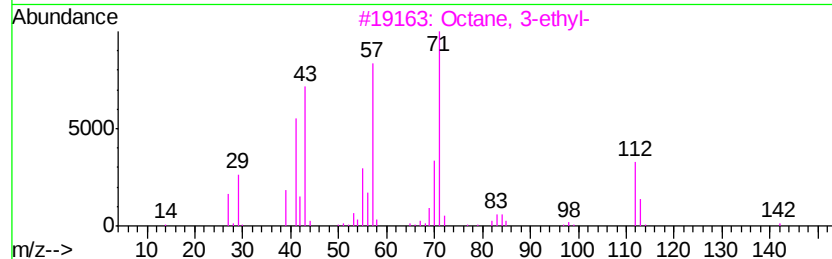
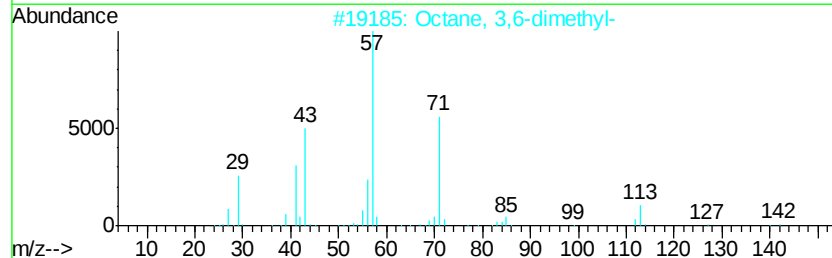
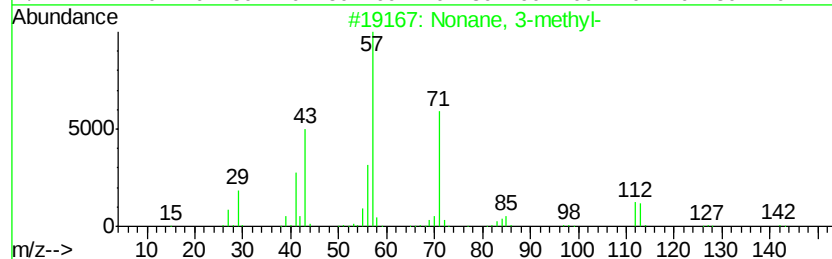
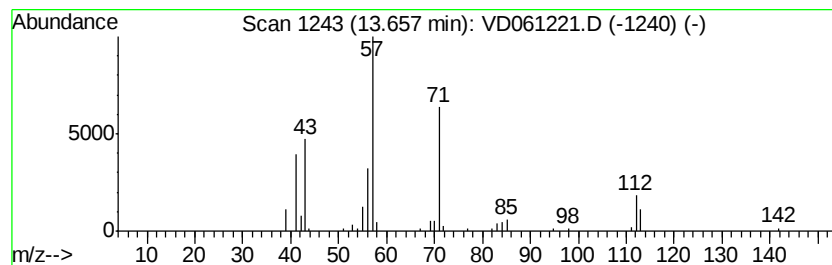
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	15.06 ug/l	178584	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3		Octane, 3-ethyl-	142	C10H22	005881-17-4	68
4		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59



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ALS Vial : 24 Sample Multiplier: 1

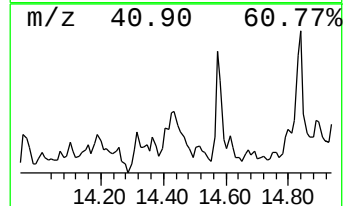
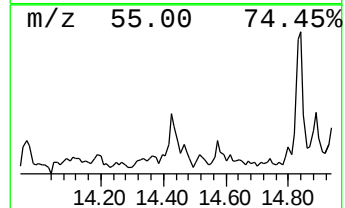
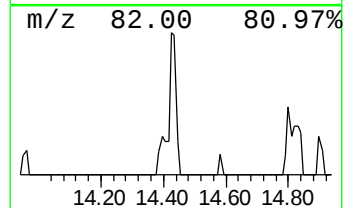
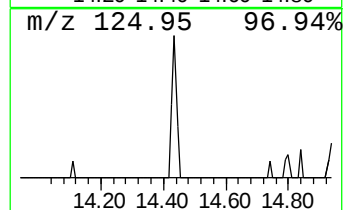
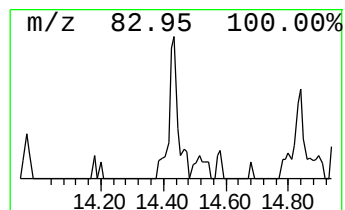
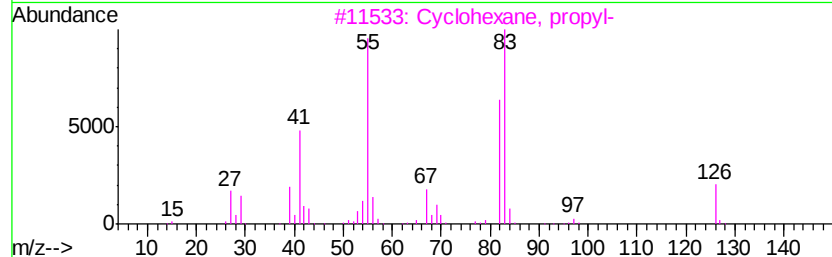
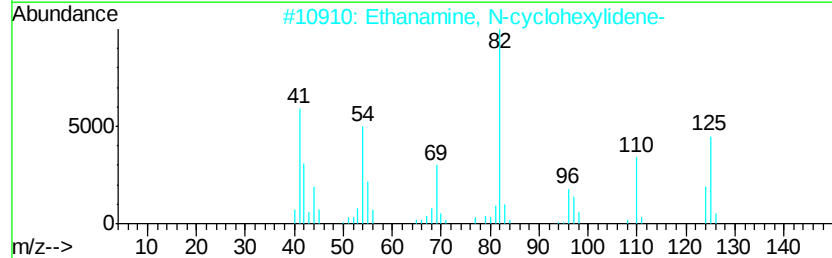
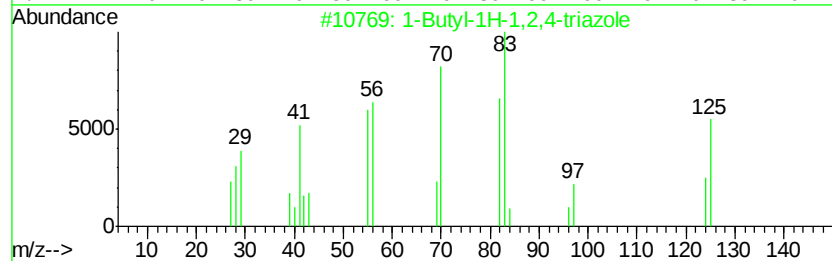
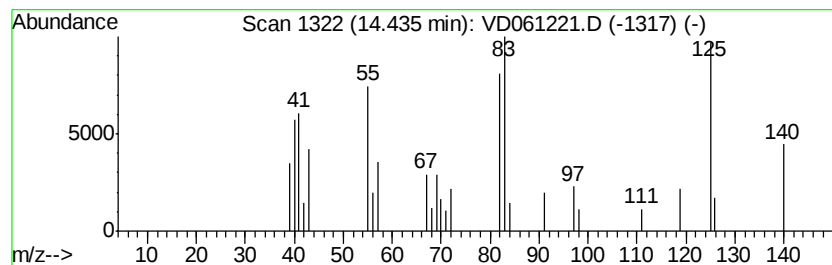
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ClientSampled :
SB-19B(13.5-14.5)

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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1-Butyl-1H-1,2,4-triazole Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	5.37 ug/l	63708	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Butyl-1H-1,2,4-triazole	125 C6H11N3	006086-22-2	53
2	Ethanamine, N-cyclohexylidene-	125 C8H15N	002201-14-1	43
3	Cyclohexane, propyl-	126 C9H18	001678-92-8	38
4	Cyclohexanone, 2,3-dimethyl-	126 C8H14O	013395-76-1	38
5	Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7	35



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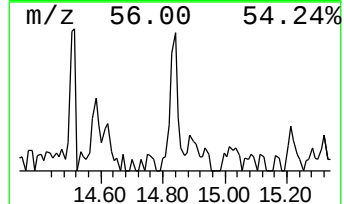
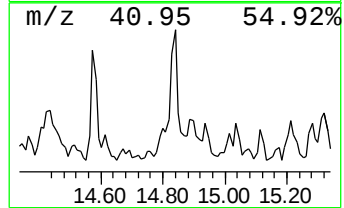
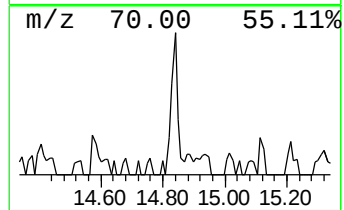
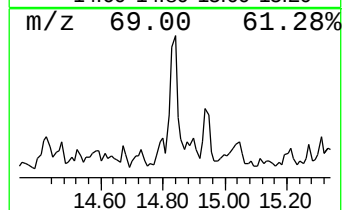
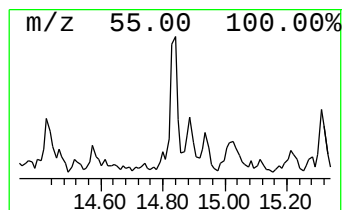
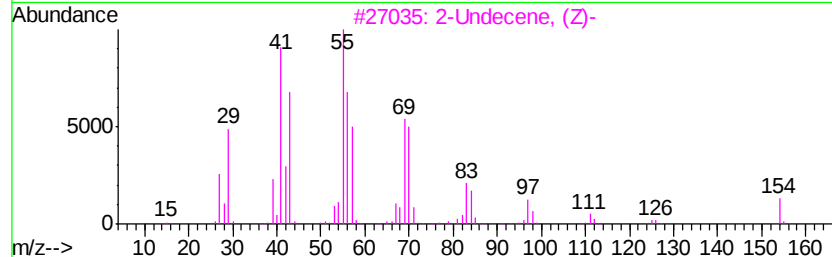
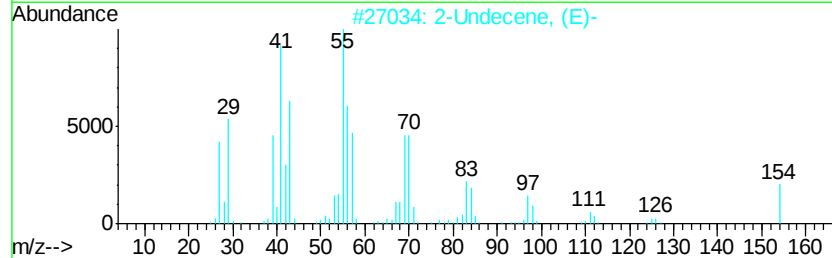
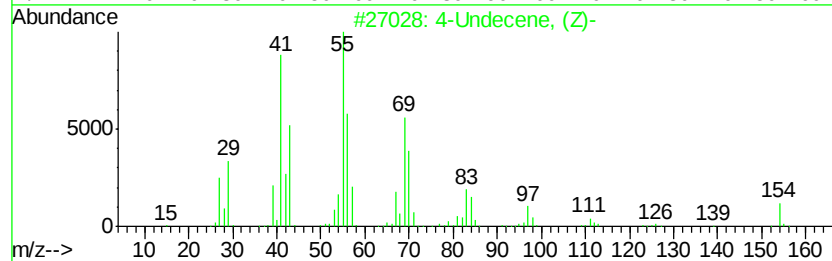
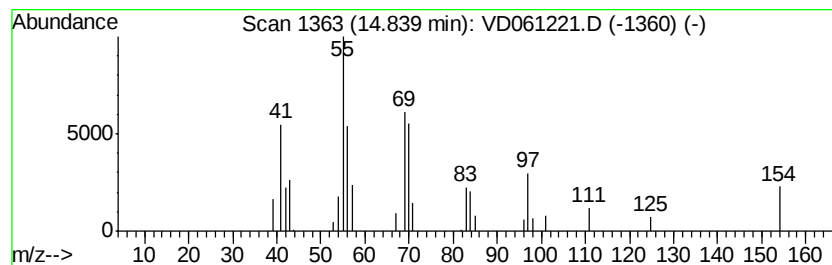
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Peak Number 4 4-Undecene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	5.93 ug/l	70280	1,4-Dichlorobenzene-d4	14.51
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Undecene, (Z)-	154 C11H22	000821-98-7	90
2	2-Undecene, (E)-	154 C11H22	000693-61-8	87
3	2-Undecene, (Z)-	154 C11H22	000821-96-5	86
4	5-Undecene, (E)-	154 C11H22	000764-97-6	83
5	3-Undecene, (Z)-	154 C11H22	000821-97-6	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophene, 2-methyl-	10.65	9.3	ug/l	212173	3	12.36	1135660	50.0
Nonane, 3-methyl-	13.66	15.1	ug/l	178584	4	14.51	592726	50.0
1-Butyl-1H-1,2,4-...	14.44	5.4	ug/l	63708	4	14.51	592726	50.0
4-Undecene, (Z)-	14.84	5.9	ug/l	70280	4	14.51	592726	50.0