

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061851.D
 Acq On : 5 Mar 2019 18:03
 Operator : VA/AP
 Sample : K1712-15
 Misc : 6.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-2-3

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_F\METHODS\82F030419S.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	1.075	41	45	48	rBV4	6164	13111	1.39%	0.181%
2	2.179	153	157	159	rBV2	9998	19975	2.11%	0.276%
3	2.238	159	163	170	rVV3	17437	64271	6.80%	0.889%
4	2.386	174	178	184	rVB5	7480	16571	1.75%	0.229%
5	4.033	336	345	348	rBV	31407	110416	11.67%	1.527%
6	4.122	348	354	362	rVB	111663	365014	38.60%	5.049%
7	4.427	374	385	394	rBV	41061	184901	19.55%	2.558%
8	4.871	419	430	441	rBV2	279446	945751	100.00%	13.082%
9	5.601	497	504	515	rBV	337199	915335	96.78%	12.661%
10	7.553	696	702	714	rBV	298594	706103	74.66%	9.767%
11	8.017	746	749	753	rBV2	4904	11782	1.25%	0.163%
12	9.634	910	913	918	rBV3	3882	10086	1.07%	0.140%
13	9.772	921	927	937	rBV	350250	816338	86.32%	11.292%
14	10.669	1013	1018	1026	rVB2	14206	33893	3.58%	0.469%
15	10.847	1030	1036	1047	rVV	375836	749723	79.27%	10.370%
16	11.162	1064	1068	1070	rBV2	40055	76387	8.08%	1.057%
17	11.221	1070	1074	1080	rVB	162333	317785	33.60%	4.396%
18	11.409	1089	1093	1104	rBV	225079	392183	41.47%	5.425%
19	11.557	1104	1108	1114	rVV	21405	45843	4.85%	0.634%
20	12.198	1168	1173	1178	rBV5	7731	16882	1.79%	0.234%
21	12.286	1178	1182	1191	rBV	266560	403542	42.67%	5.582%
22	12.464	1197	1200	1205	rBV	28423	44953	4.75%	0.622%
23	12.553	1205	1209	1221	rVB	375000	601731	63.62%	8.323%
24	12.898	1241	1244	1249	rBV	53344	79261	8.38%	1.096%
25	13.292	1281	1284	1287	rVB2	6742	12617	1.33%	0.175%
26	13.785	1330	1334	1339	rBV	45948	78543	8.30%	1.086%
27	13.884	1341	1344	1350	rVV3	20617	38445	4.07%	0.532%
28	14.426	1396	1399	1407	rVB3	26511	63109	6.67%	0.873%
29	16.004	1558	1559	1560	rBV	26003	18942	2.00%	0.262%
30	16.024	1560	1561	1563	rVB	124277	75943	8.03%	1.050%

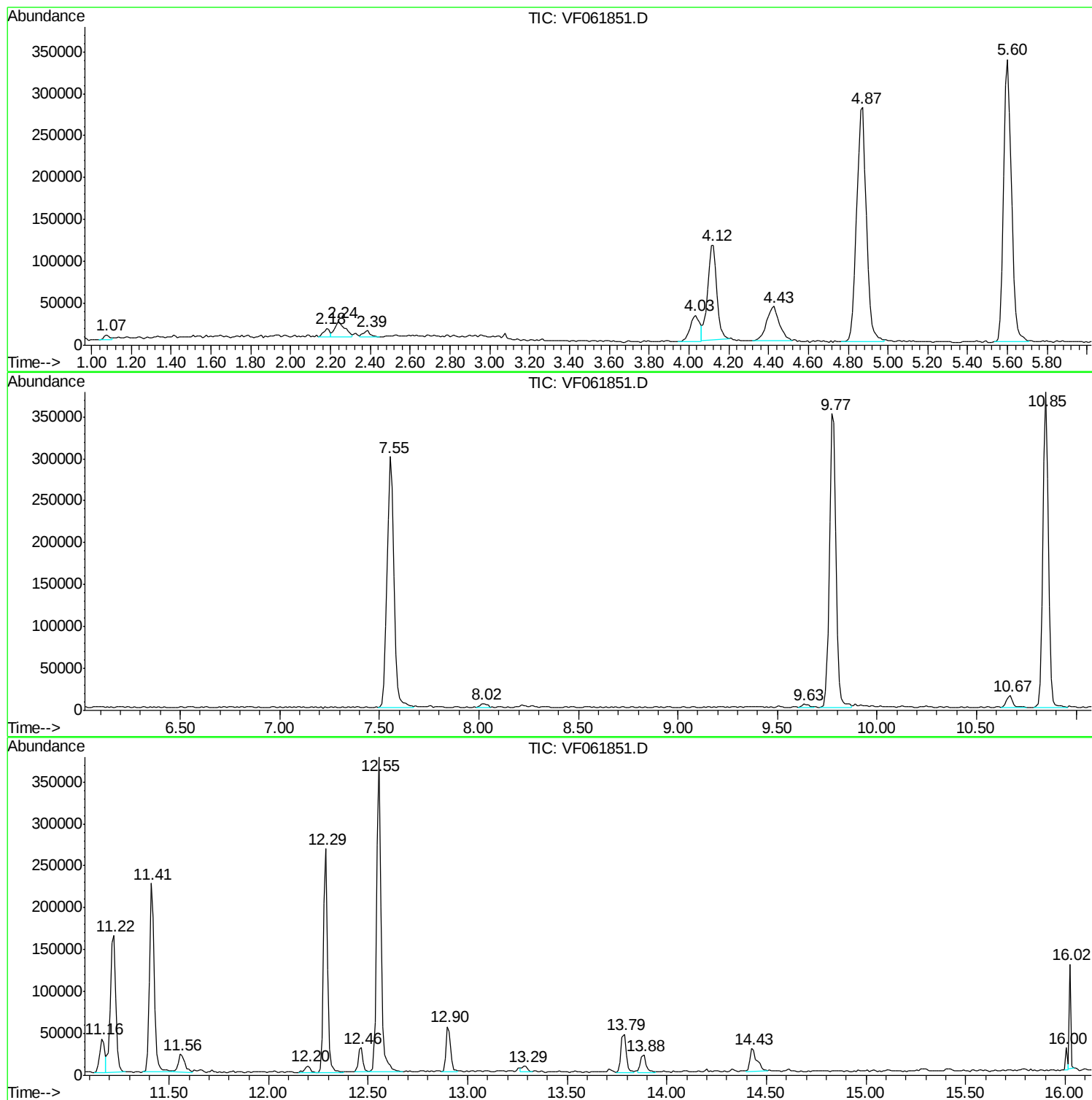
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
Quant Title : SW846 8260

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



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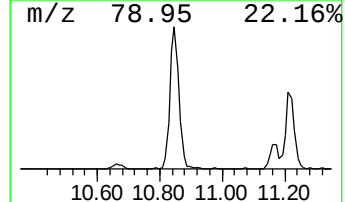
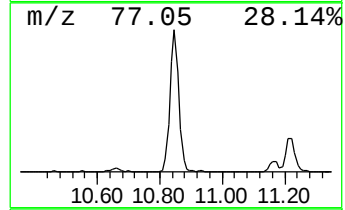
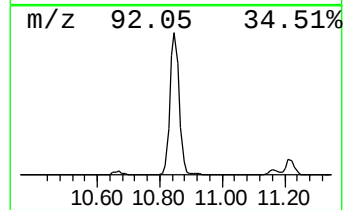
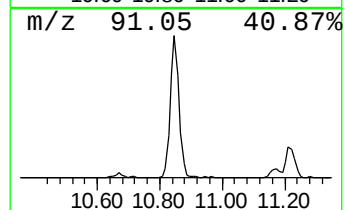
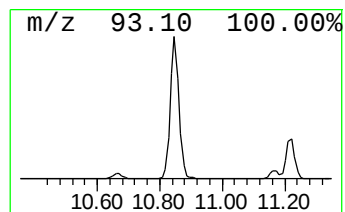
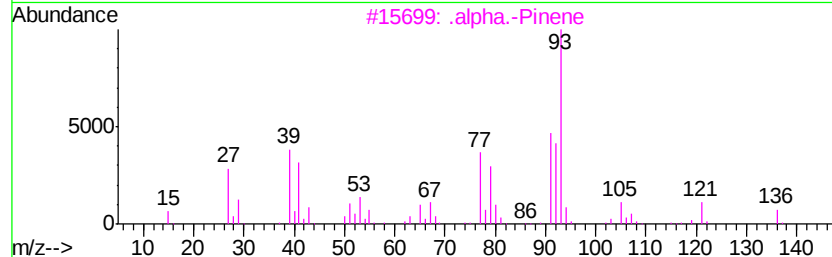
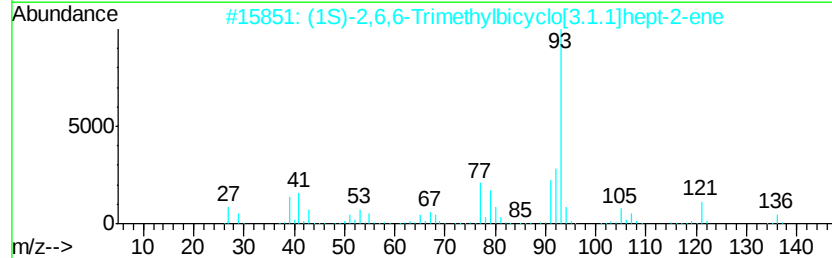
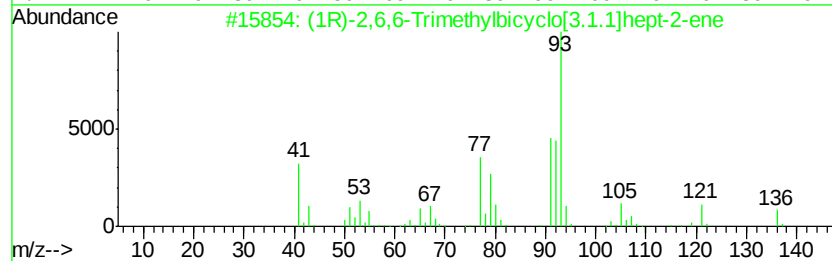
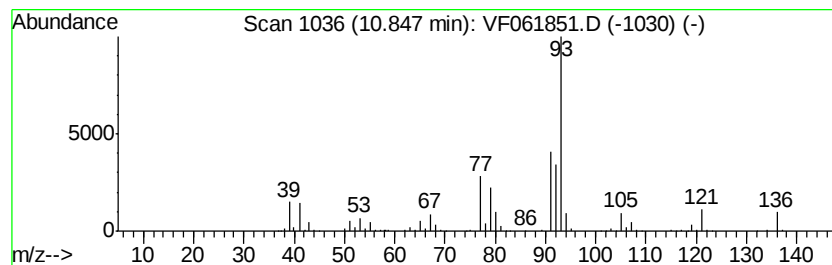
Instrument :
MSVOA_F
ClientSampled :
Z-2-3

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Quant Title : SW846 8260

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

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.85	45.92 ug/l	749723	Chlorobenzene-d5	9.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94	
2	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	94	
3	.alpha.-Pinene	136	C10H16	000080-56-8	94	
4	Tricyclo[2.2.1.0(2,6)]heptane, 1-methyl-	136	C10H16	000508-32-7	91	
5	.gamma.-Terpinene	136	C10H16	000099-85-4	87	



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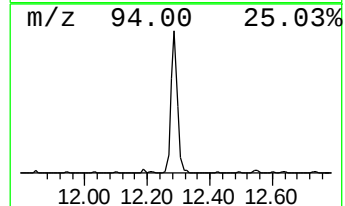
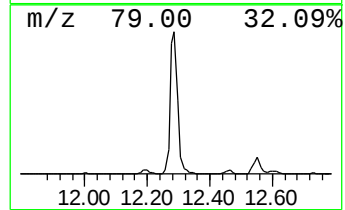
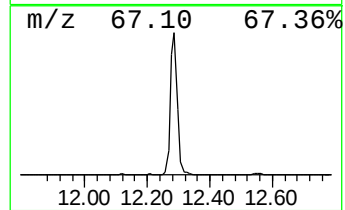
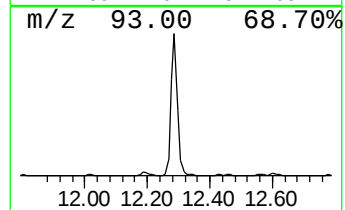
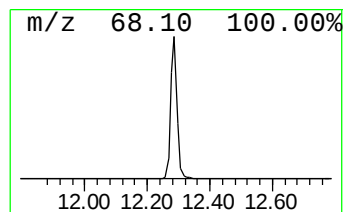
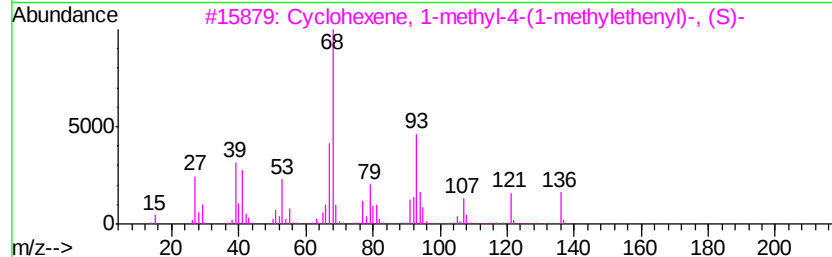
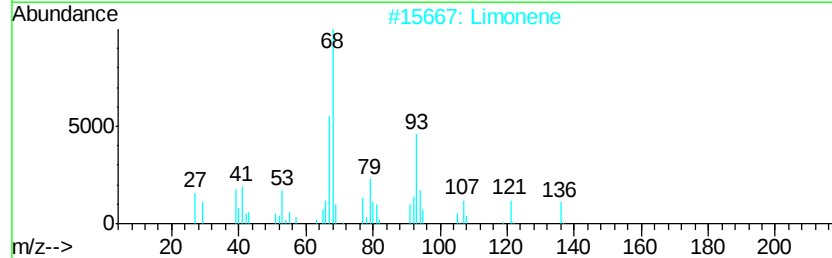
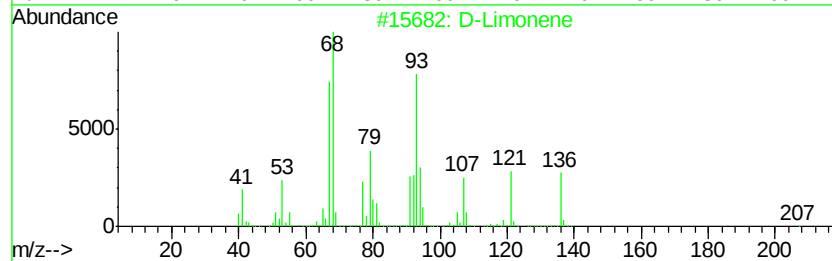
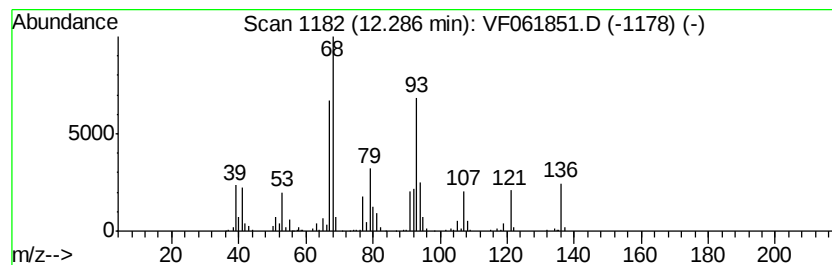
Instrument :
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Peak Number 5 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	33.53 ug/l	403542	1,4-Dichlorobenzene-d4	12.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Limonene	136 C10H16	005989-27-5	98
2	Limonene	136 C10H16	000138-86-3	87
3	Cyclohexene, 1-methyl-4-(1-methyl-...	136 C10H16	005989-54-8	64
4	Cyclobutane, 1,3-diisopropenyl-,...	136 C10H16	1000152-89-6	59
5	Cyclohexene, 1-methyl-5-(1-methyl-...	136 C10H16	001461-27-4	52



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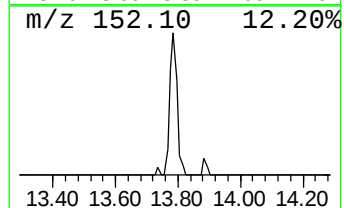
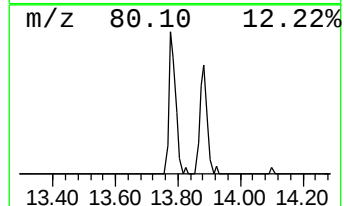
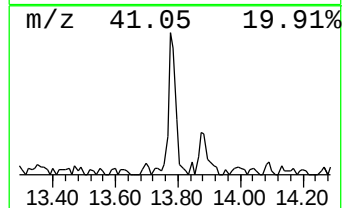
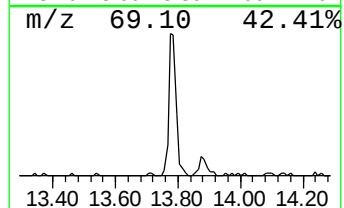
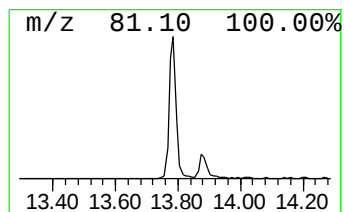
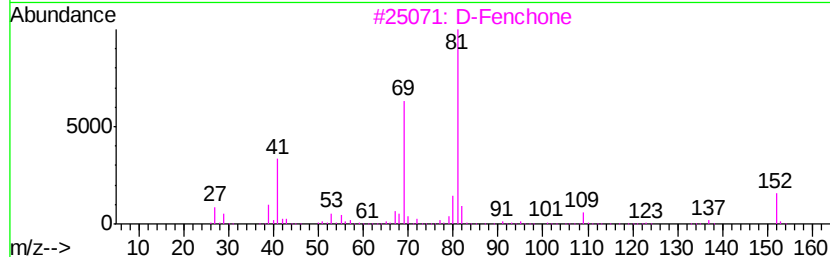
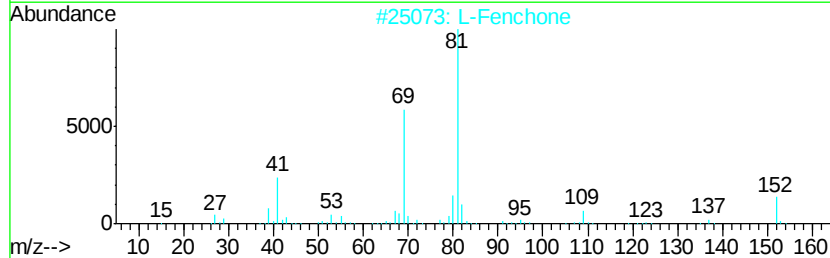
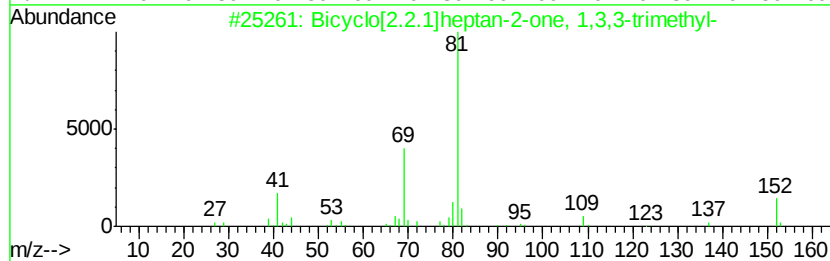
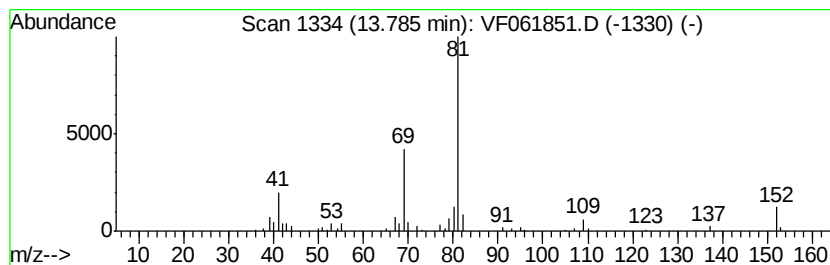
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Peak Number 7 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	6.53 ug/l	78543	1,4-Dichlorobenzene-d4	12.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	94
2			L-Fenchone	152	C10H16O	007787-20-4	94
3			D-Fenchone	152	C10H16O	004695-62-9	91
4			1-[4-(4-tert-Butyl-spirocyclohex...	371	C20H28F3N02	1000301-43-3	40
5			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	36



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	10.85	45.9	ug/l	749723	3	9.78	816338	50.0
Camphene	11.22	26.4	ug/l	317785	4	12.55	601731	50.0
D-Limonene	12.29	33.5	ug/l	403542	4	12.55	601731	50.0
Cyclohexene, 1-me...	12.90	6.6	ug/l	79261	4	12.55	601731	50.0
Bicyclo[2.2.1]hep...	13.79	6.5	ug/l	78543	4	12.55	601731	50.0