

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014281.D
 Acq On : 20 Jun 2023 14:22
 Operator : KP/MD
 Sample : 03256-25
 Misc : 12.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TP6-5-4-10W

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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_Y\methods\82Y060923S.M

Title : SW846 8260

Signal : TIC: VY014281.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	16	rVB2	42578	60153	6.81%	1.057%
2	2.217	60	65	66	rBV	13819	19008	2.15%	0.334%
3	2.241	66	69	78	rVB	33870	52353	5.93%	0.920%
4	2.692	136	143	159	rVB2	17216	38817	4.40%	0.682%
5	2.900	170	177	186	rBV5	6973	16534	1.87%	0.291%
6	3.241	226	233	245	rVB3	8414	21537	2.44%	0.378%
7	3.942	337	348	362	rBV	37056	106034	12.01%	1.863%
8	4.192	378	389	401	rVB2	12827	37154	4.21%	0.653%
9	4.710	463	474	481	rBV5	3392	12415	1.41%	0.218%
10	6.978	836	846	857	rBV2	10649	31878	3.61%	0.560%
11	7.344	899	906	916	rBV7	4408	12281	1.39%	0.216%
12	7.716	957	967	972	rBV	129765	311357	35.27%	5.471%
13	7.783	972	978	989	rVB	224880	514913	58.33%	9.048%
14	8.136	1027	1036	1048	rBV	144059	323135	36.61%	5.678%
15	8.685	1118	1126	1137	rBV	336815	652683	73.94%	11.469%
16	9.185	1195	1208	1214	rBV5	6811	17340	1.96%	0.305%
17	10.179	1363	1371	1378	rBV	517035	882739	100.00%	15.512%
18	11.490	1578	1586	1598	rBV	450986	716875	81.21%	12.598%
19	11.691	1611	1619	1629	rBV10	3691	14092	1.60%	0.248%
20	12.026	1661	1674	1682	rBV10	3394	12311	1.39%	0.216%
21	12.227	1699	1707	1713	rBV4	9218	18421	2.09%	0.324%
22	12.331	1718	1724	1730	rVV	133650	224645	25.45%	3.948%
23	12.386	1730	1733	1741	rVB2	24097	36187	4.10%	0.636%
24	12.477	1741	1748	1755	rBV	322107	513379	58.16%	9.022%
25	12.544	1755	1759	1761	rVV3	22119	36337	4.12%	0.639%
26	12.581	1761	1765	1772	rVB	58915	97166	11.01%	1.707%
27	12.825	1795	1805	1812	rVV6	20919	51085	5.79%	0.898%
28	12.904	1812	1818	1824	rVV5	14159	29616	3.36%	0.520%
29	13.117	1848	1853	1859	rBV4	4666	10040	1.14%	0.176%
30	13.251	1868	1875	1877	rBV7	4328	9380	1.06%	0.165%
31	13.318	1880	1886	1890	rVV2	19088	34701	3.93%	0.610%
32	13.367	1891	1894	1897	rVV2	10450	14223	1.61%	0.250%
33	13.422	1897	1903	1912	rVV	336111	520827	59.00%	9.152%
34	13.526	1915	1920	1931	rVB2	13651	26023	2.95%	0.457%
35	13.623	1931	1936	1940	rBV2	12311	19883	2.25%	0.349%
36	14.074	2005	2010	2016	rBV2	9329	15186	1.72%	0.267%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_Y\methods\82Y060923S.M
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37	14.306	2041	2048	2051	rBV3	10958	22317	2.53%	0.392%
38	14.678	2101	2109	2114	rBV4	13179	28548	3.23%	0.502%
39	14.733	2114	2118	2125	rVB	11454	18831	2.13%	0.331%
40	14.940	2144	2152	2160	rVB2	29687	52190	5.91%	0.917%
41	15.233	2193	2200	2206	rBV	35470	58003	6.57%	1.019%

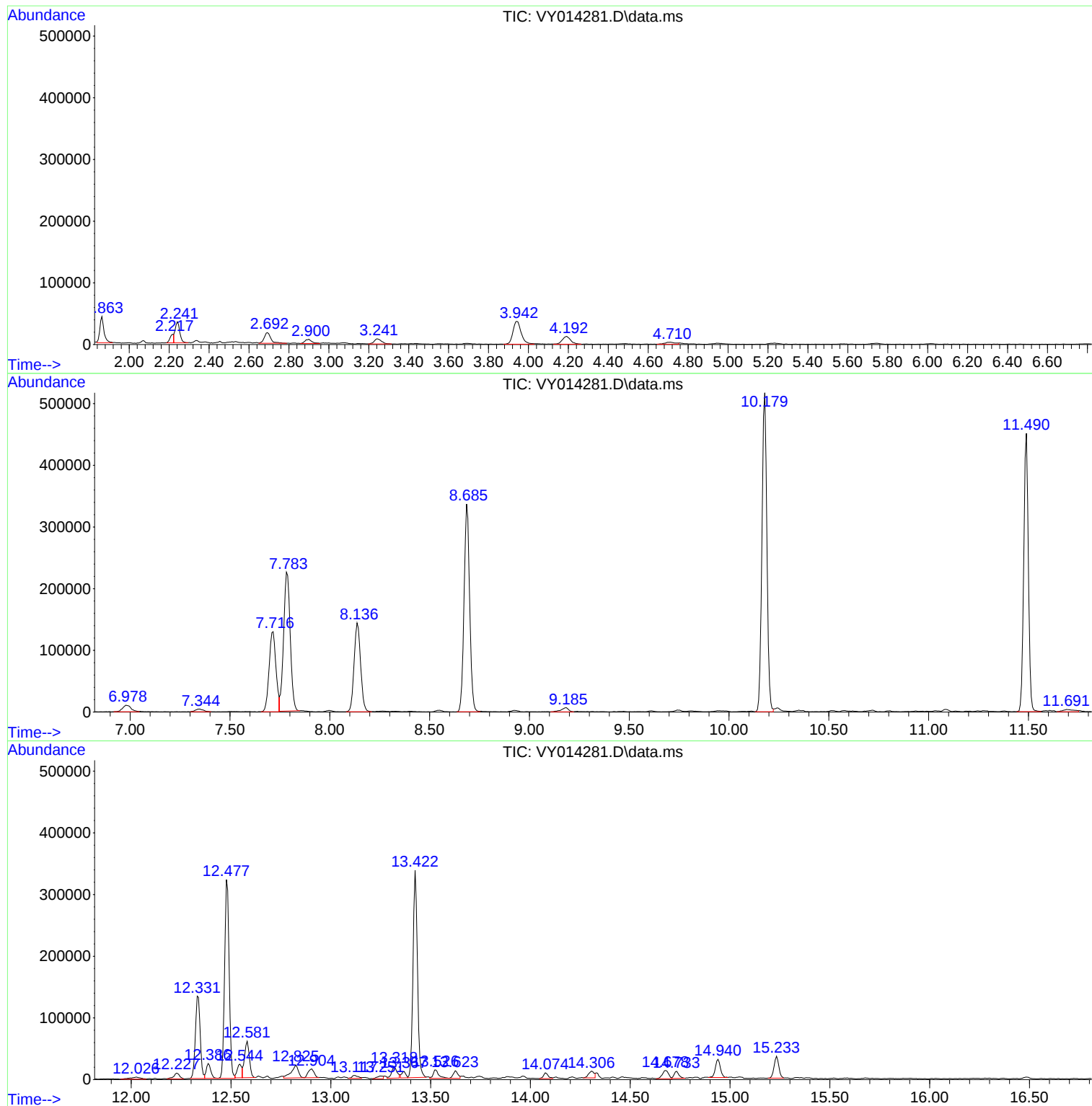
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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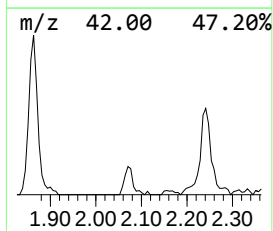
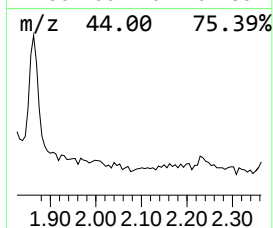
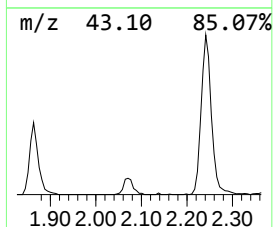
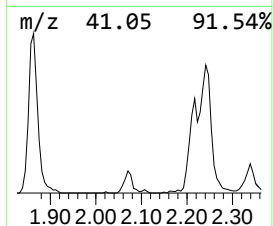
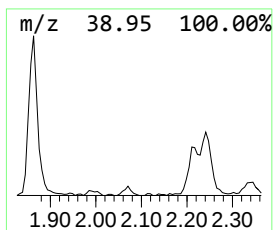
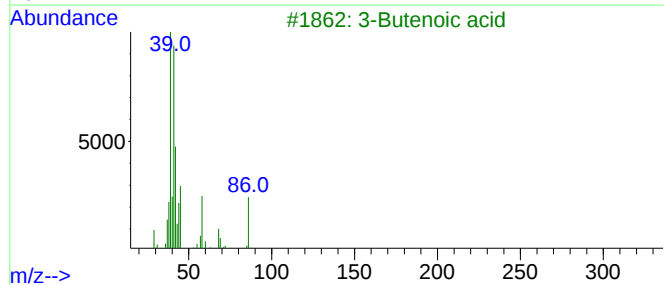
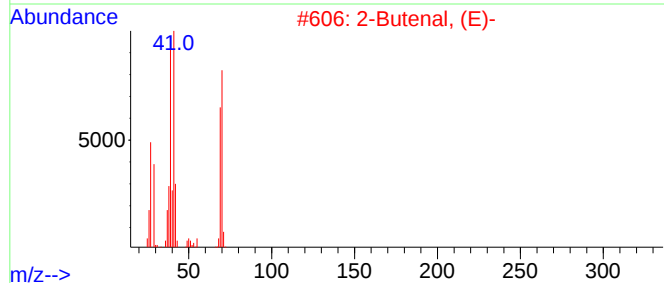
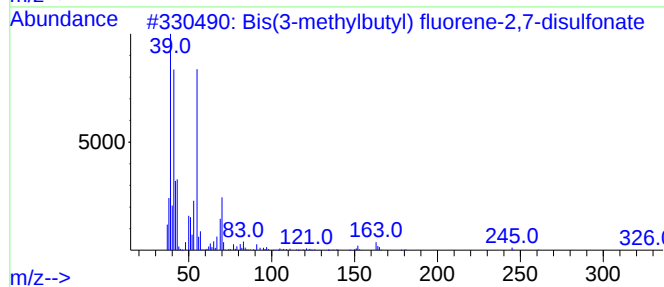
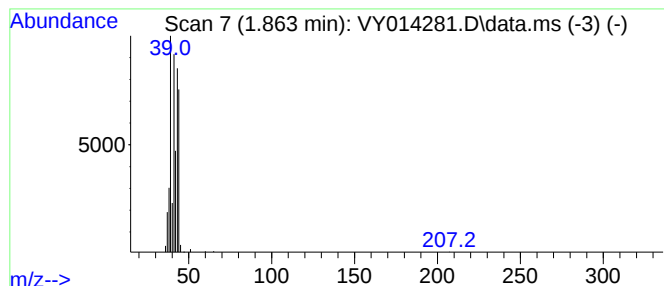
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Bis(3-methylbutyl) fluorene... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.863	5.84 ug/l	60153	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bis(3-methylbutyl) fluorene-2,7-...	466	C23H30O6S2	253664-95-8	64
2			2-Butenal, (E)-	70	C4H6O	000123-73-9	64
3			3-Butenoic acid	86	C4H6O2	000625-38-7	56
4			Imidazol-5(2H)-one, 4-amino-2-(2...	196	C7H8N4O3	318259-17-5	50
5			1-Propyne, 3-chloro-	74	C3H3Cl	000624-65-7	38



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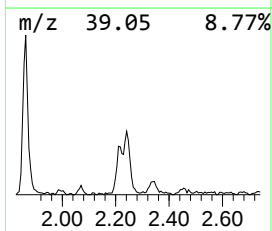
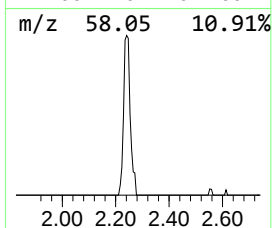
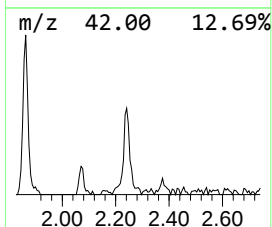
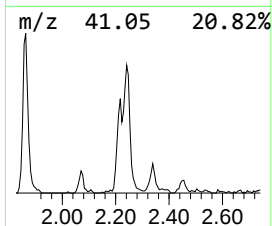
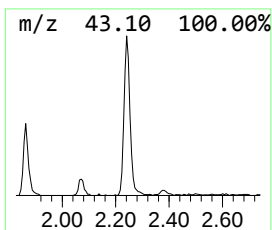
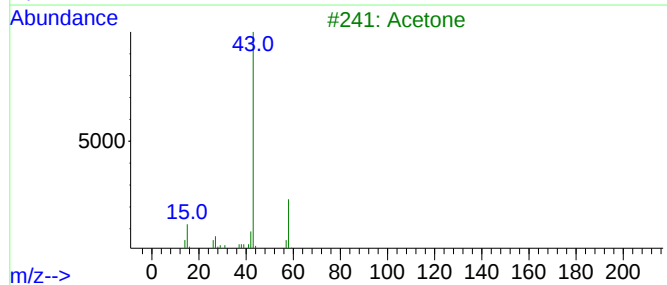
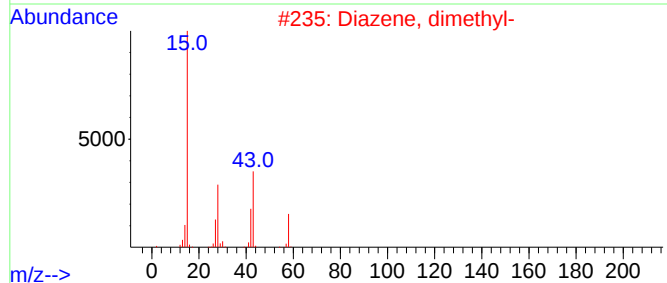
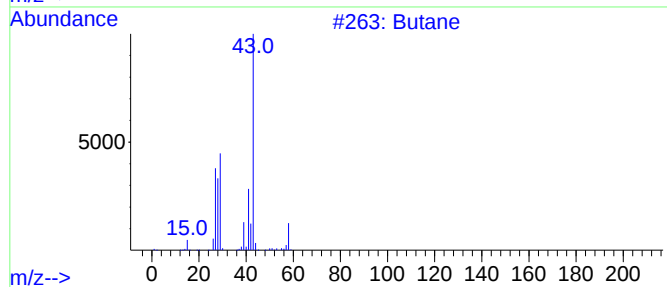
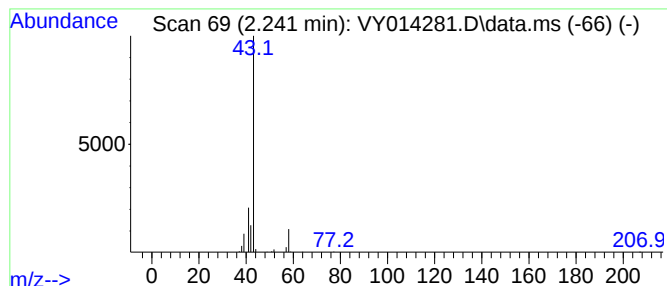
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Peak Number 2 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.241	5.08 ug/l	52353	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane	58	C4H10	000106-97-8	59
2			Diazene, dimethyl-	58	C2H6N2	000503-28-6	5
3			Acetone	58	C3H6O	000067-64-1	4
4			Carbamic acid, 4-pyridinyl-, (3,...	252	C12H16N2O4	107323-99-9	4
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	4



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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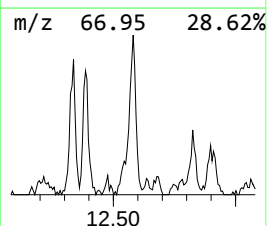
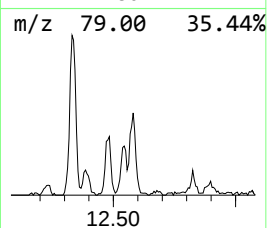
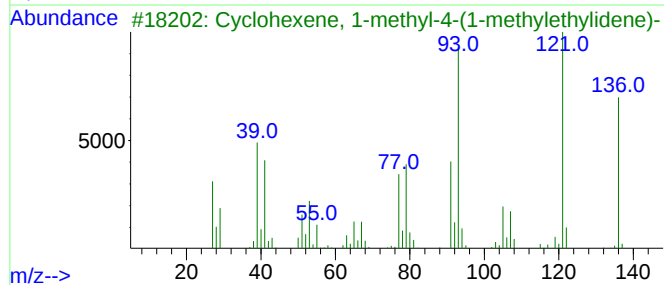
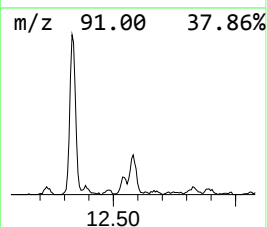
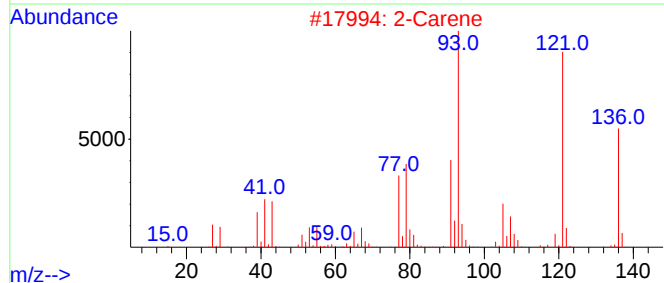
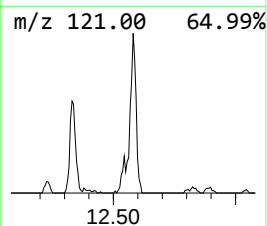
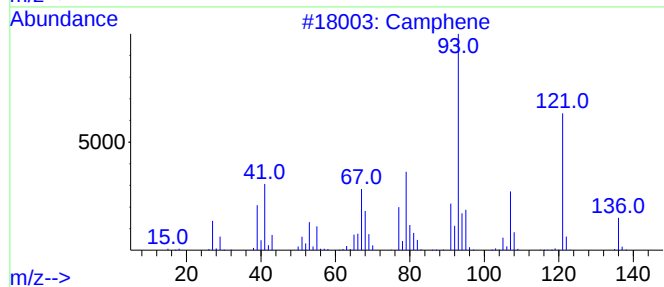
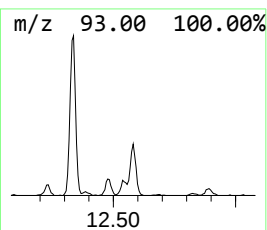
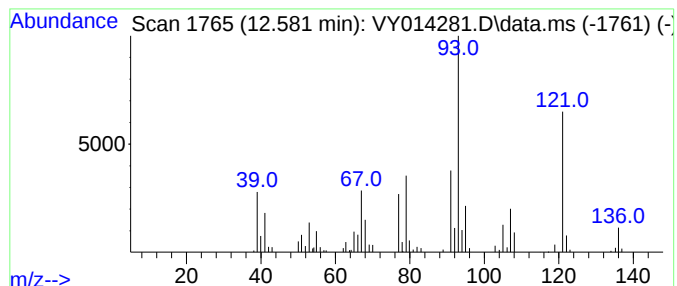
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Camphene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	9.33 ug/l	97166	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	91
2			2-Carene	136	C10H16	000554-61-0	83
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	81
4			(+)-4-Carene	136	C10H16	029050-33-7	74
5			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	74



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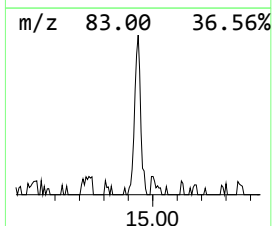
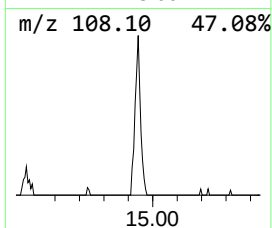
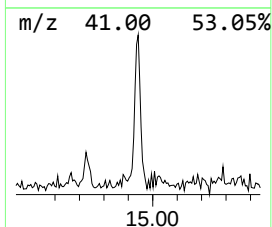
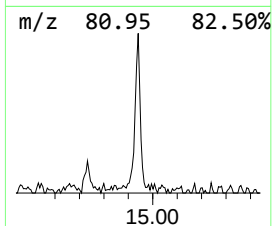
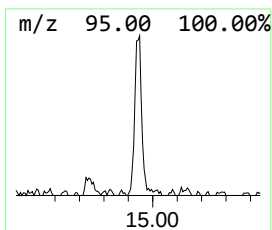
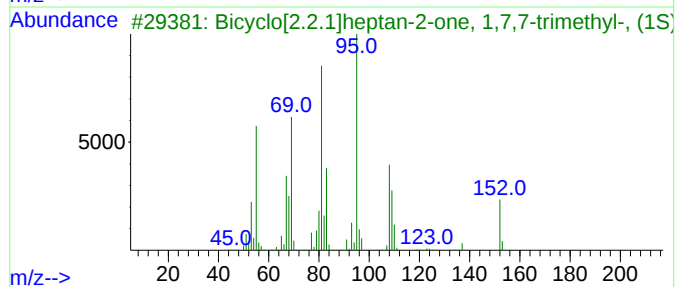
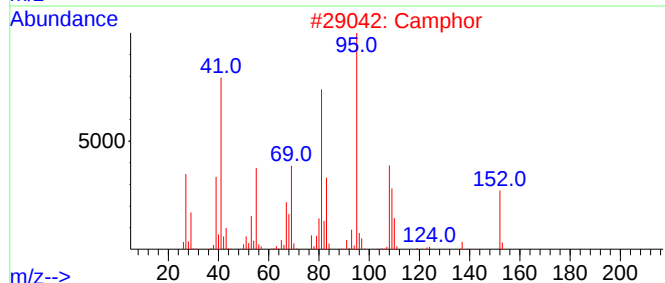
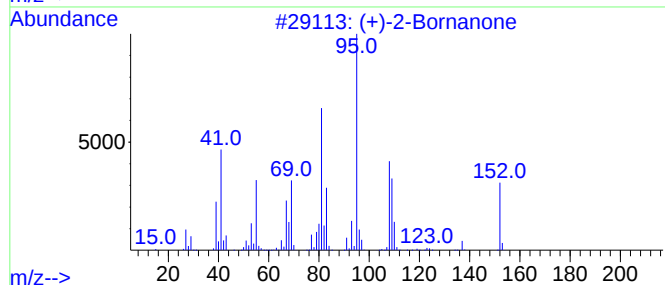
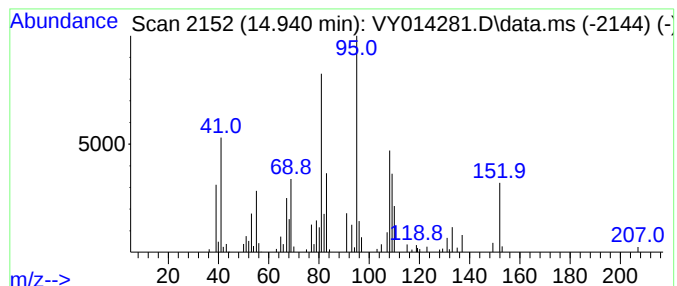
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (+)-2-Bornanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	5.01 ug/l	52190	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-2-Bornanone	152	C10H16O	000464-49-3	96
2			Camphor	152	C10H16O	000076-22-2	93
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	90
4			Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	46
5			4-Ethylcyclohexene	110	C8H14	003742-42-5	30



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bis(3-methylbut...	1.863	5.8	ug/l	60153	1	7.783	514913	50.0
Butane	2.241	5.1	ug/l	52353	1	7.783	514913	50.0
Camphene	12.581	9.3	ug/l	97166	4	13.422	520827	50.0
(+)-2-Bornanone	14.940	5.0	ug/l	52190	4	13.422	520827	50.0