

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112619\
 Data File : VY000802.D
 Acq On : 26 Nov 2019 14:35
 Operator : SY/MD
 Sample : K6054-04
 Misc : 6.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-28

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_Y\METHODS\82Y103019S.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	1.865	18	21	29	rVB	19337	30416	2.03%	0.290%
2	4.718	479	489	501	rBV2	31071	93516	6.24%	0.891%
3	7.730	973	983	989	rBV2	197413	471012	31.42%	4.487%
4	7.803	989	995	1008	rVB	337718	761174	50.77%	7.250%
5	8.151	1043	1052	1062	rVB	211872	462114	30.82%	4.402%
6	8.699	1133	1142	1153	rBV	562043	1103937	73.63%	10.515%
7	10.181	1377	1385	1393	rBV	873233	1499227	100.00%	14.280%
8	11.485	1591	1599	1611	rVB	763807	1267812	84.56%	12.076%
9	12.333	1730	1738	1744	rBV2	99028	165812	11.06%	1.579%
10	12.479	1751	1762	1774	rBV	624740	1009523	67.34%	9.616%
11	12.583	1775	1779	1783	rVB4	11476	20736	1.38%	0.198%
12	12.888	1822	1829	1836	rVB2	131636	211977	14.14%	2.019%
13	13.339	1894	1903	1910	rBV5	22576	57674	3.85%	0.549%
14	13.424	1910	1917	1926	rVB	740070	1161667	77.48%	11.065%
15	13.625	1946	1950	1954	rBV4	12372	20278	1.35%	0.193%
16	13.967	2002	2006	2011	rVB5	9981	16689	1.11%	0.159%
17	14.076	2017	2024	2031	rVB9	10495	23188	1.55%	0.221%
18	14.552	2086	2102	2116	rVB6	57189	235535	15.71%	2.244%
19	14.686	2116	2124	2129	rBV5	21085	43591	2.91%	0.415%
20	14.832	2142	2148	2153	rBV7	12312	21284	1.42%	0.203%
21	14.936	2160	2165	2172	rBV8	7851	18648	1.24%	0.178%
22	15.235	2206	2214	2224	rBV	348954	625405	41.72%	5.957%
23	15.332	2225	2230	2234	rVB6	8822	18992	1.27%	0.181%
24	15.527	2256	2262	2266	rBV6	9888	19676	1.31%	0.187%
25	15.722	2290	2294	2298	rVB6	9371	16143	1.08%	0.154%
26	16.033	2338	2345	2351	rBV9	7112	16760	1.12%	0.160%
27	16.228	2370	2377	2380	rBV5	12881	27433	1.83%	0.261%
28	16.289	2380	2387	2396	rVB	254429	501835	33.47%	4.780%
29	16.484	2411	2419	2426	rBV	259495	534273	35.64%	5.089%
30	16.747	2452	2462	2470	rBV7	12919	42099	2.81%	0.401%

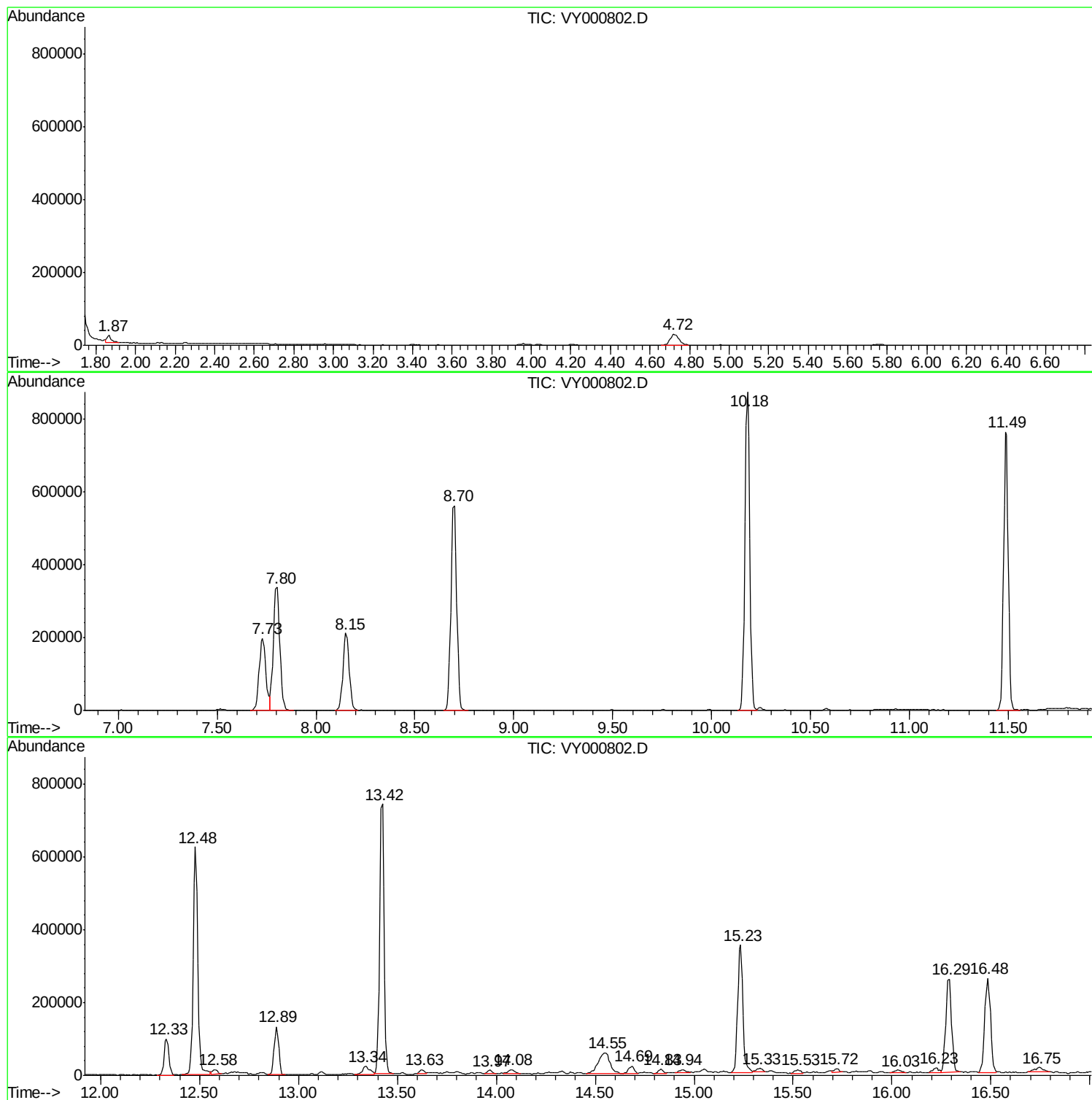
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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



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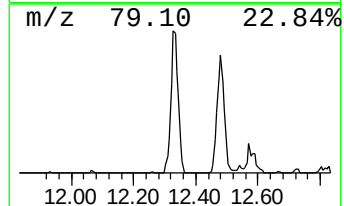
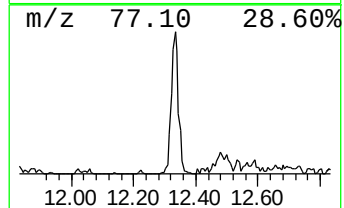
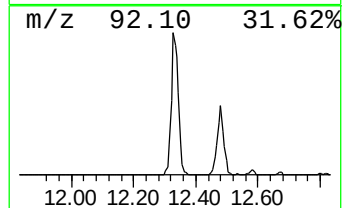
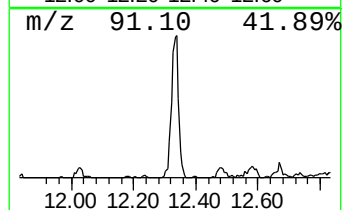
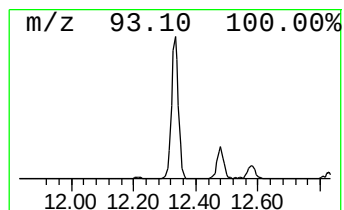
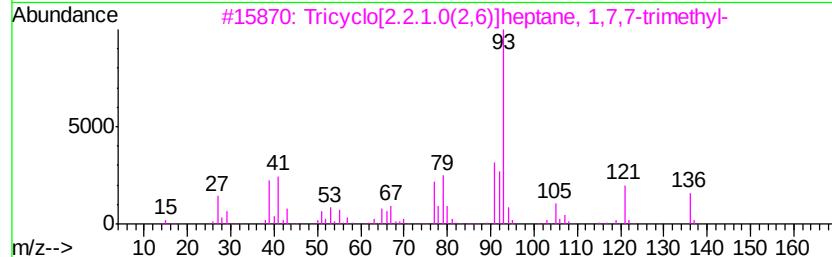
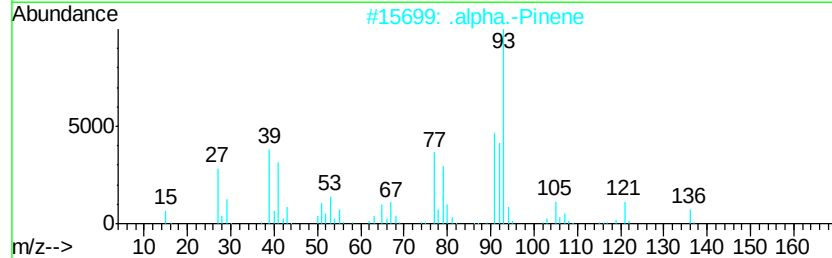
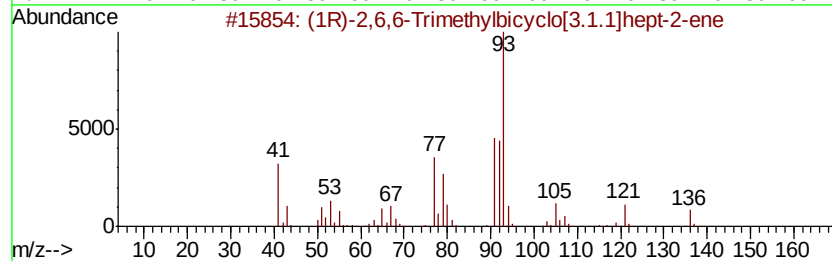
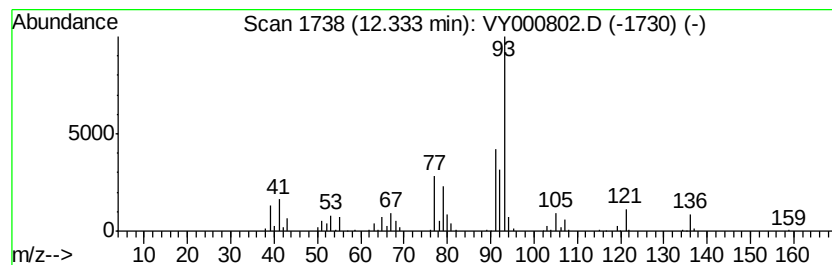
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.33	6.54 ug/l	165812	Chlorobenzene-d5	11.49	
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	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-	136	C10H16	000508-32-7	87
4	3-Carene	136	C10H16	013466-78-9	87
5	Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-	136	C10H16	000488-97-1	86



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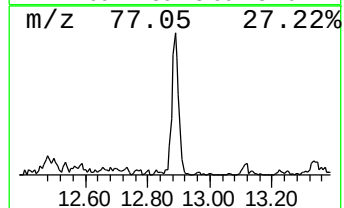
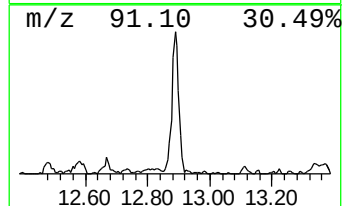
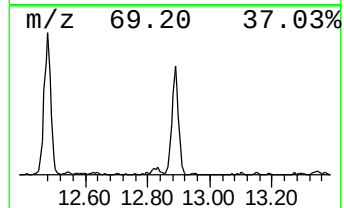
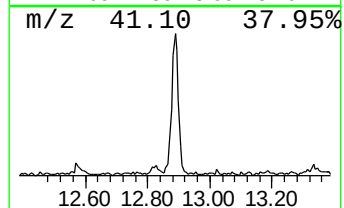
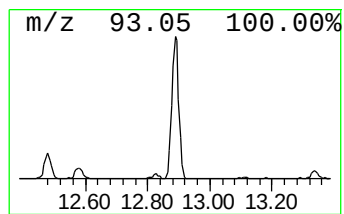
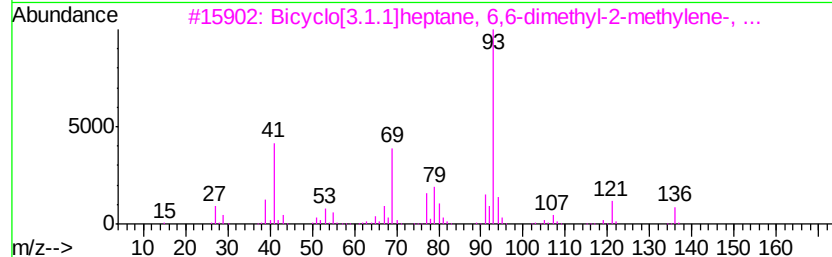
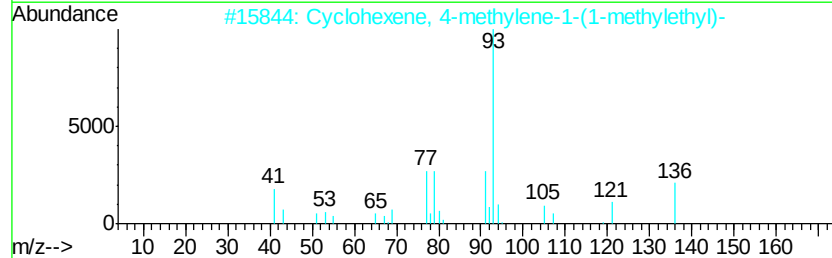
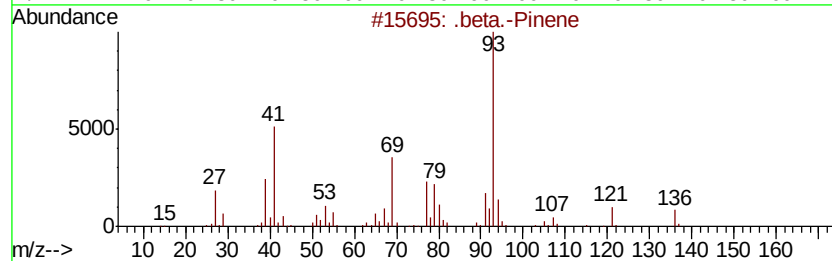
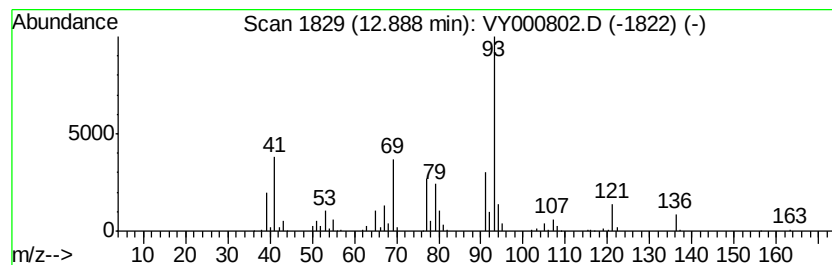
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 .beta.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	9.12 ug/l	211977	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Pinene	136 C10H16	000127-91-3 95
2		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91
3		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 90
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 90
5		.alpha.-Pinene	136 C10H16	000080-56-8 90



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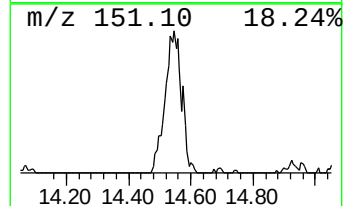
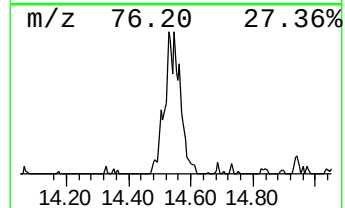
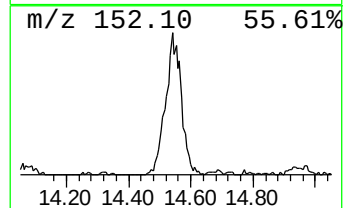
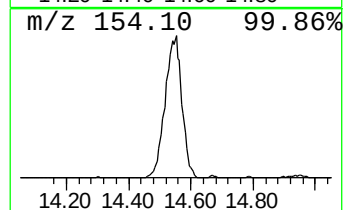
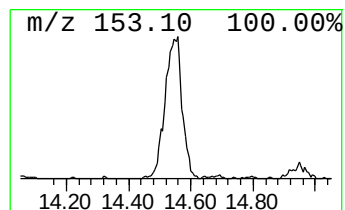
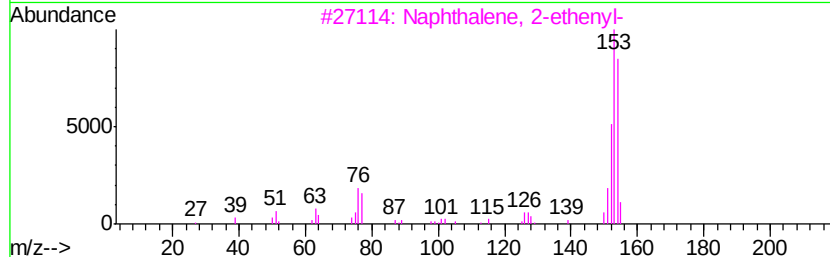
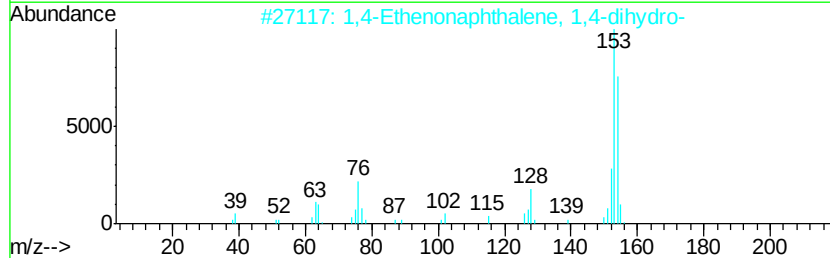
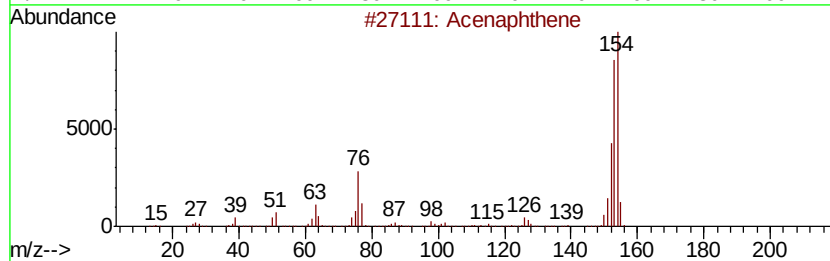
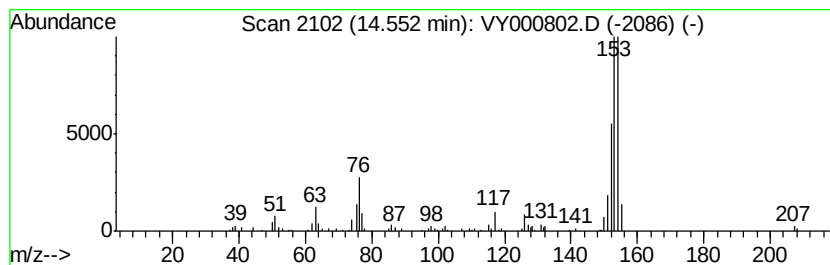
Instrument :
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Quant Title : SW846 8260

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

Peak Number 3 Acenaphthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	10.14 ug/l	235535	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Acenaphthene	154 C12H10	000083-32-9	89
2	1,4-Ethenonaphthalene, 1,4-dihydro-	154 C12H10	007322-47-6	64
3	Naphthalene, 2-ethenyl-	154 C12H10	000827-54-3	58
4	2,3,4-Trihydroxybenzaldehyde	154 C7H6O4	002144-08-3	52
5	Biphenyl	154 C12H10	000092-52-4	49



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ALS Vial : 11 Sample Multiplier: 1

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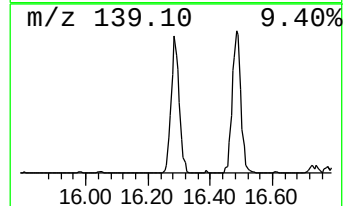
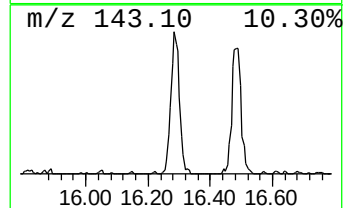
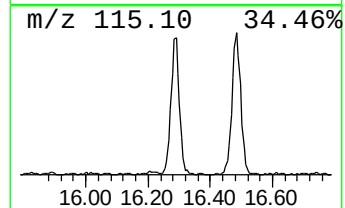
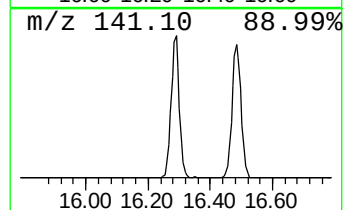
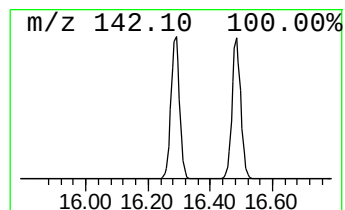
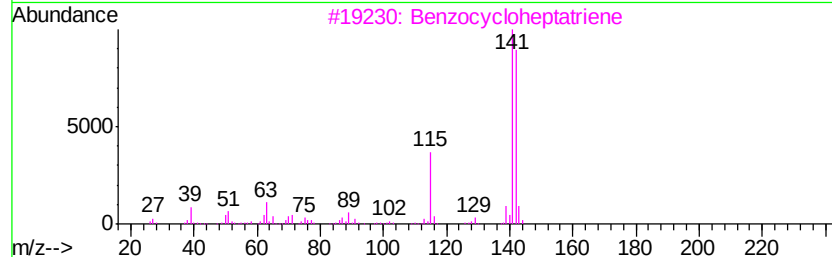
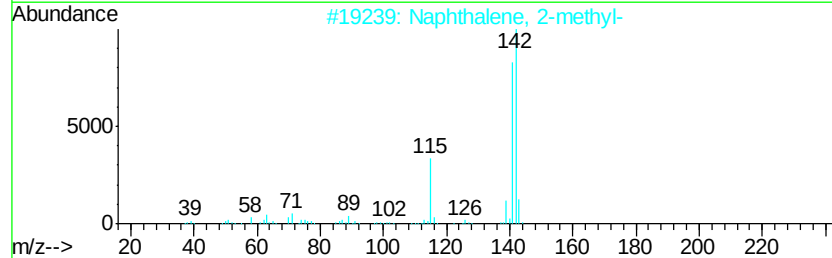
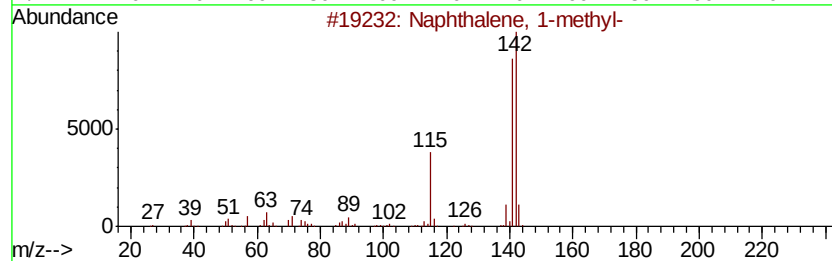
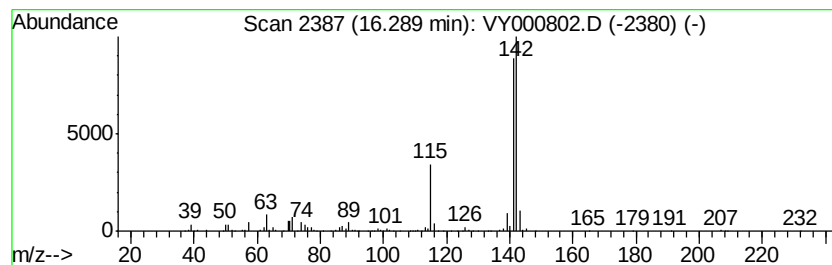
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	21.60 ug/l	501835	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	78
5		Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	64



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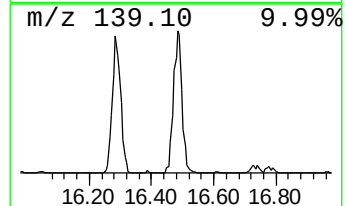
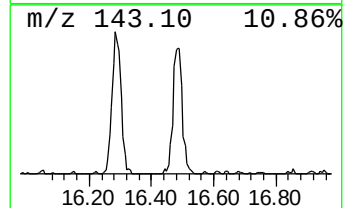
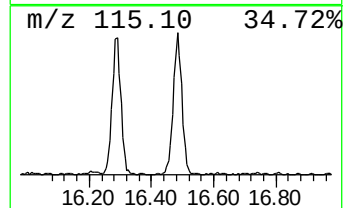
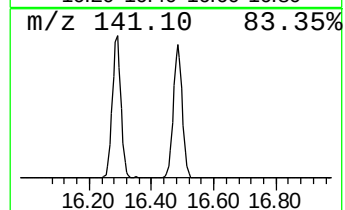
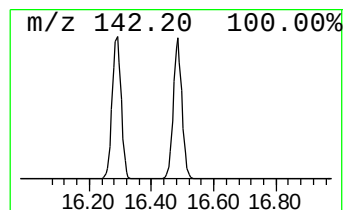
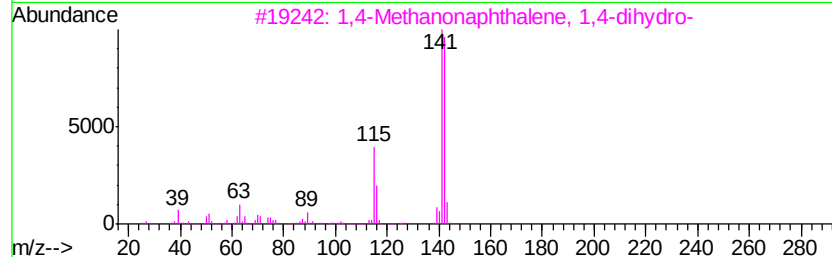
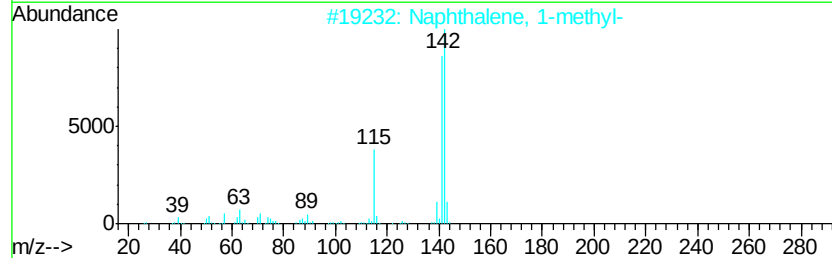
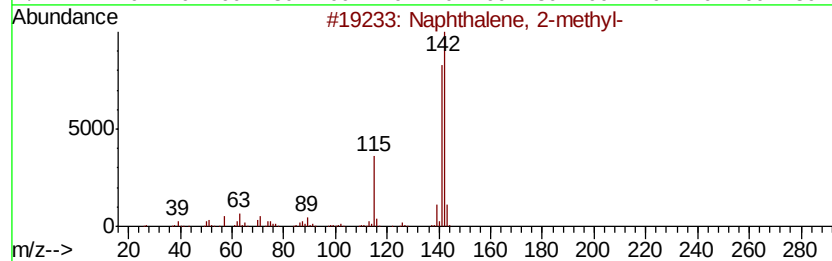
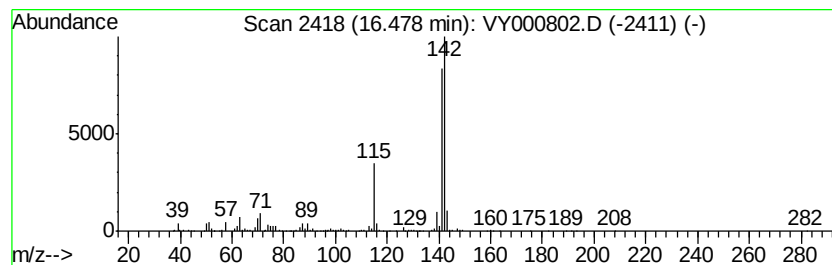
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	23.00 ug/l	534273	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	93
4		Benzocycloheptatriene	142	C11H10	000264-09-5	86
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.33	6.5	ug/l	165812	3	11.49	1267810	50.0
.beta.-Pinene	12.89	9.1	ug/l	211977	4	13.42	1161670	50.0
Acenaphthene	14.55	10.1	ug/l	235535	4	13.42	1161670	50.0
Naphthalene, 1-me...	16.29	21.6	ug/l	501835	4	13.42	1161670	50.0
Naphthalene, 2-me...	16.48	23.0	ug/l	534273	4	13.42	1161670	50.0