

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073806.D
 Acq On : 07 Jul 2022 13:59
 Operator : VA/SY
 Sample : N3562-10
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11B

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_D\Method\82D070622S.M
 Title : SW846 8260

Signal : TIC: VD073806.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.403	416	422	434	rVB3	5374	15020	1.23%	0.217%
2	4.956	507	516	525	rBV3	8860	28177	2.30%	0.408%
3	7.908	1009	1018	1023	rBV	109257	257973	21.08%	3.734%
4	7.973	1023	1029	1037	rVB2	160273	359746	29.40%	5.207%
5	8.320	1079	1088	1101	rVB	110605	253833	20.74%	3.674%
6	8.855	1171	1179	1188	rBV	276802	567120	46.34%	8.208%
7	10.332	1422	1430	1437	rBV	430032	795824	65.03%	11.518%
8	10.396	1437	1441	1449	rVB2	14542	27745	2.27%	0.402%
9	11.632	1644	1651	1662	rBV	396742	712202	58.20%	10.308%
10	11.732	1662	1668	1674	rVB3	19613	30109	2.46%	0.436%
11	11.843	1681	1687	1696	rVB2	26748	51805	4.23%	0.750%
12	12.167	1732	1742	1749	rBV	28501	62153	5.08%	0.900%
13	12.473	1788	1794	1803	rBV2	47461	85395	6.98%	1.236%
14	12.620	1812	1819	1828	rVB	335918	549954	44.94%	7.960%
15	12.808	1844	1851	1856	rVB3	9348	19142	1.56%	0.277%
16	12.867	1856	1861	1864	rBV3	9350	15380	1.26%	0.223%
17	12.902	1864	1867	1869	rVV3	11598	15638	1.28%	0.226%
18	12.943	1869	1874	1880	rVB2	35253	64763	5.29%	0.937%
19	13.108	1895	1902	1909	rBV2	15004	29856	2.44%	0.432%
20	13.255	1921	1927	1933	rVB	67037	105383	8.61%	1.525%
21	13.479	1955	1965	1972	rVV9	17489	56057	4.58%	0.811%
22	13.561	1972	1979	1988	rVB	396966	693224	56.65%	10.033%
23	13.761	2001	2013	2016	rBV2	44499	89914	7.35%	1.301%
24	13.879	2027	2033	2038	rBV3	25290	38959	3.18%	0.564%
25	14.014	2052	2056	2058	rBV4	11061	15661	1.28%	0.227%
26	14.043	2058	2061	2065	rVV5	11608	16744	1.37%	0.242%
27	14.102	2065	2071	2075	rVB3	21266	38095	3.11%	0.551%
28	14.208	2085	2089	2095	rVB4	17215	28362	2.32%	0.410%
29	14.343	2106	2112	2114	rBV5	7325	12847	1.05%	0.186%
30	14.396	2116	2121	2123	rVV6	13708	27157	2.22%	0.393%
31	14.426	2123	2126	2129	rVV5	16353	28421	2.32%	0.411%
32	14.467	2129	2133	2136	rVV4	13679	23582	1.93%	0.341%
33	14.502	2136	2139	2143	rVV6	10138	17543	1.43%	0.254%
34	14.549	2143	2147	2154	rVB8	10453	19256	1.57%	0.279%
35	14.696	2167	2172	2175	rBV3	11926	20089	1.64%	0.291%
36	14.732	2175	2178	2184	rVB6	17665	25697	2.10%	0.372%

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37	14.808	2184	2191	2197	rBV6	28337	65124	5.32%	0.943%
38	15.079	2232	2237	2245	rVB9	11011	21941	1.79%	0.318%
39	15.190	2249	2256	2261	rBV9	6344	15786	1.29%	0.228%
40	15.379	2277	2288	2299	rBV	660077	1223770	100.00%	17.712%
41	15.479	2299	2305	2313	rBV	28453	57904	4.73%	0.838%
42	16.467	2466	2473	2482	rBV	95767	206525	16.88%	2.989%
43	16.679	2500	2509	2520	rVB2	47934	119382	9.76%	1.728%

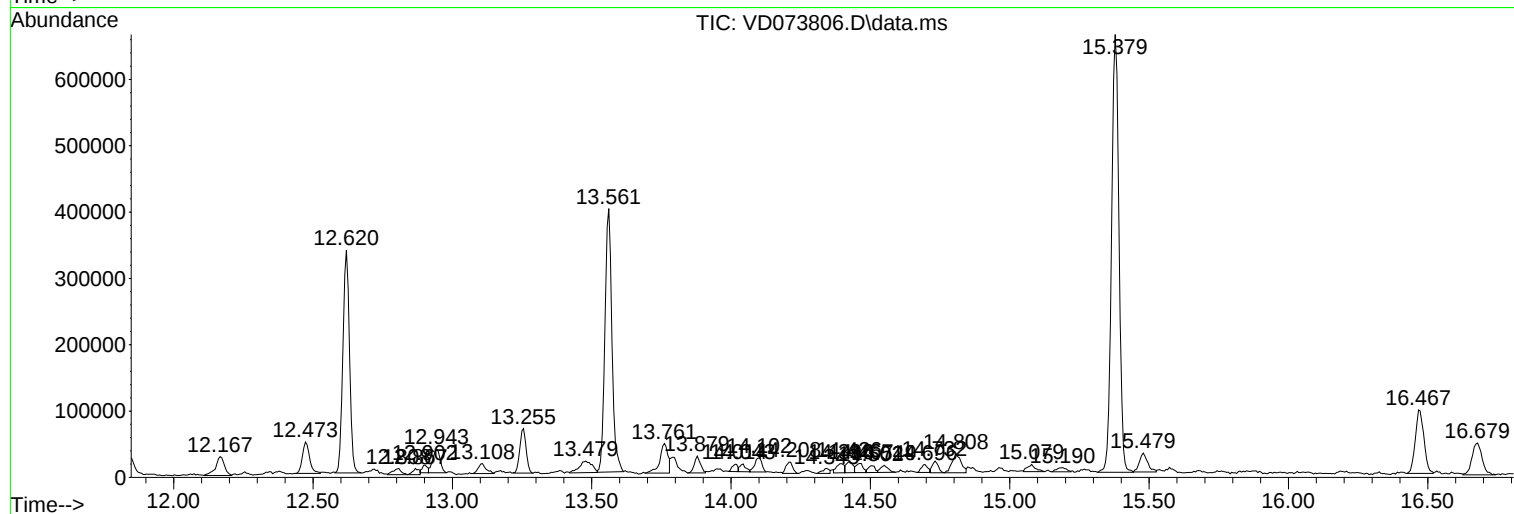
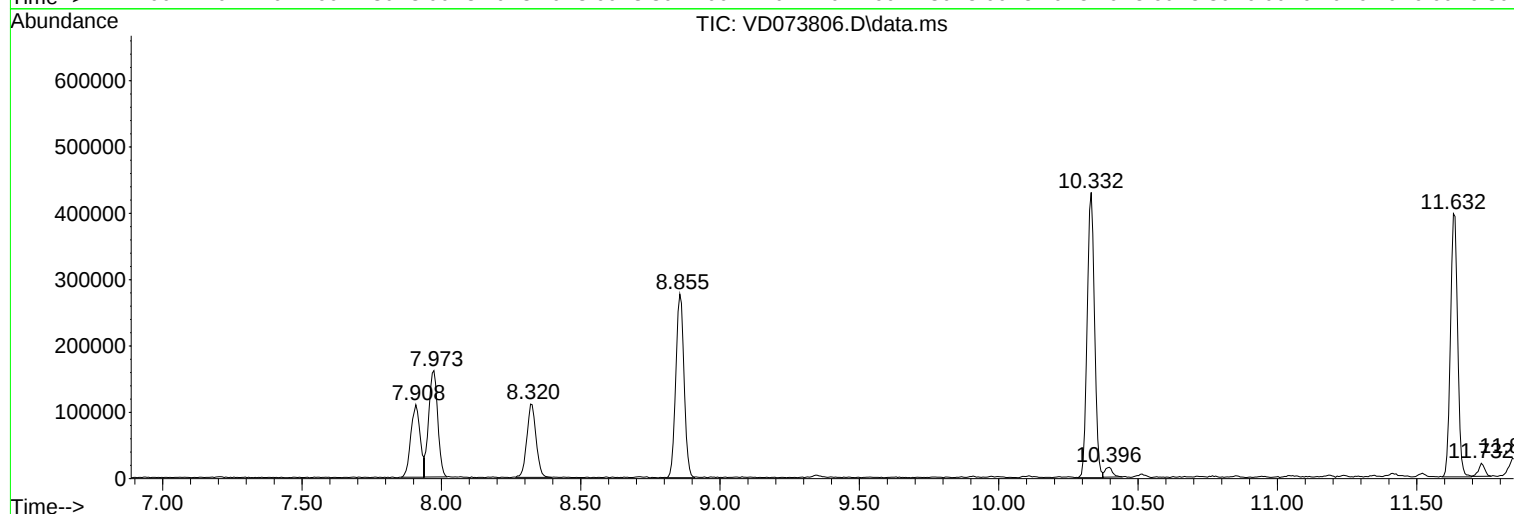
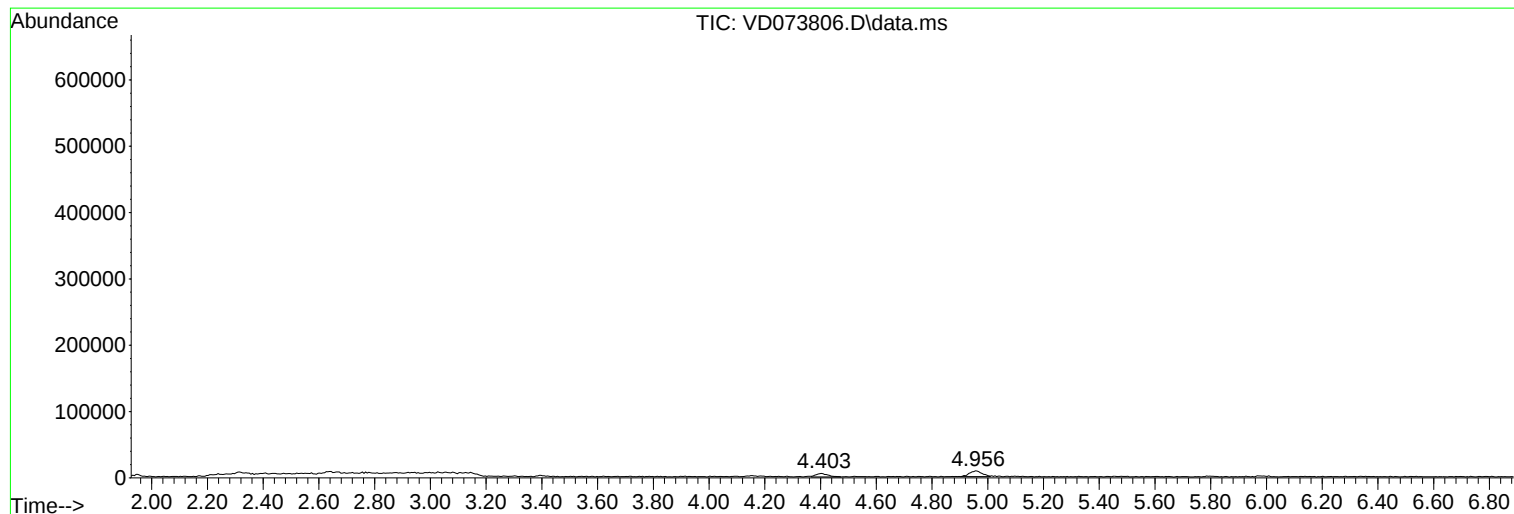
Sum of corrected areas: 6909258

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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



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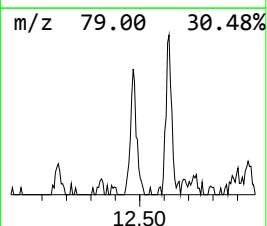
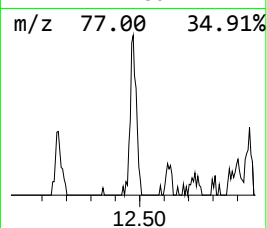
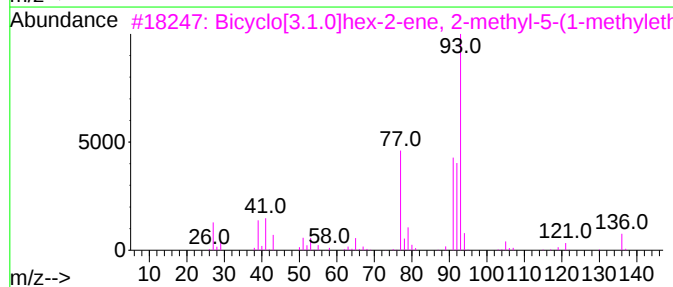
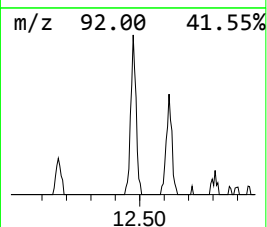
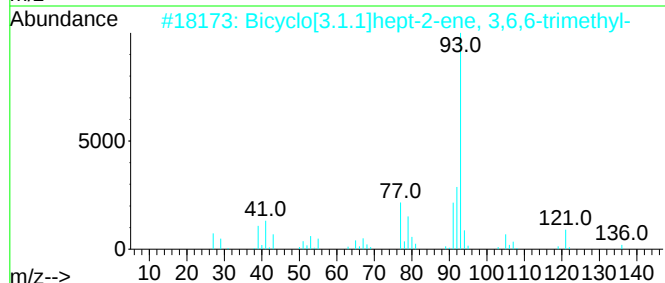
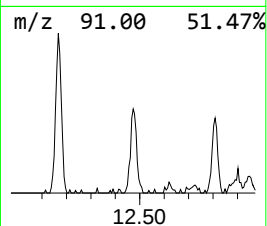
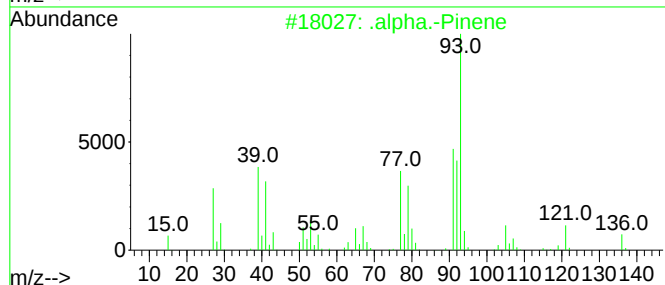
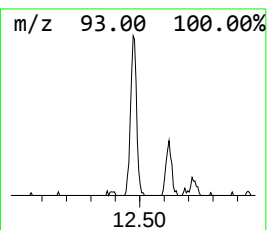
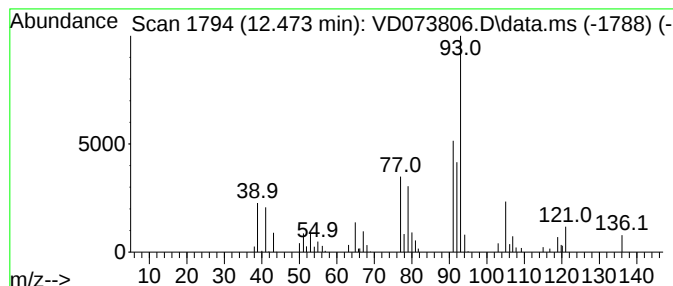
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.473	6.00 ug/l	85395	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	93
2			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	86
3			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	64
4			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	64
5			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	64



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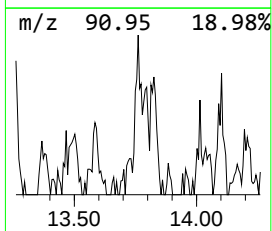
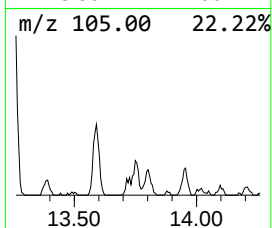
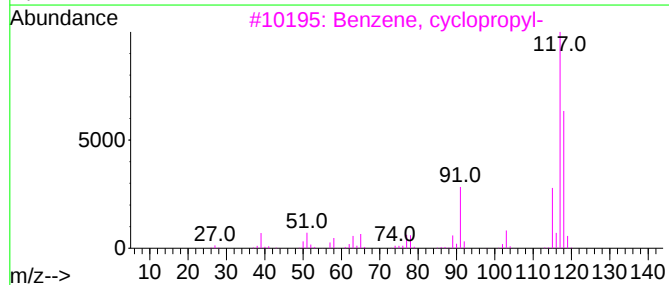
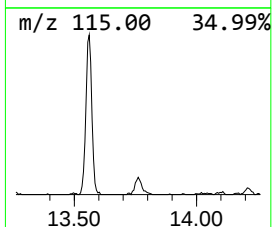
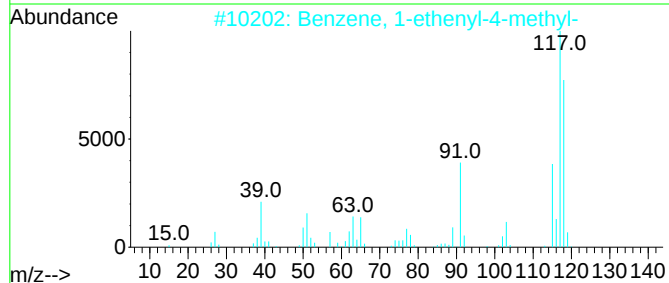
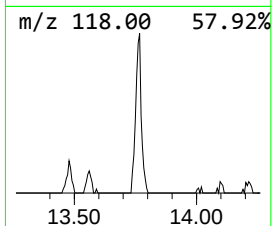
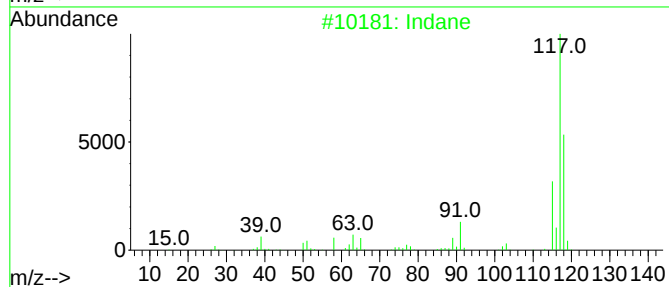
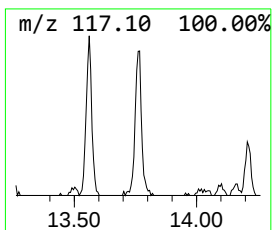
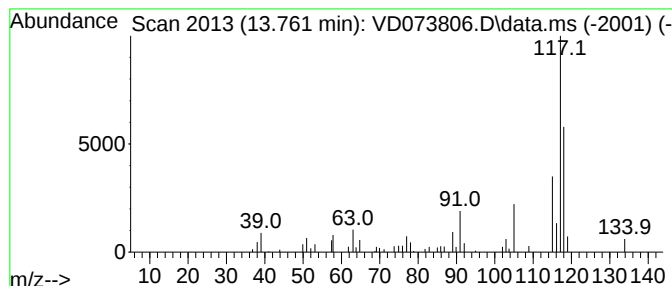
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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

Peak Number 2 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.761	6.49 ug/l	89914	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	76
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	70



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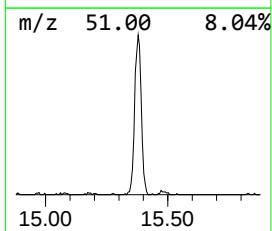
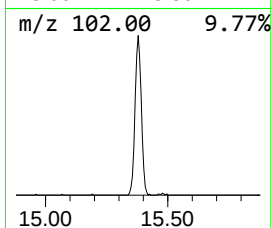
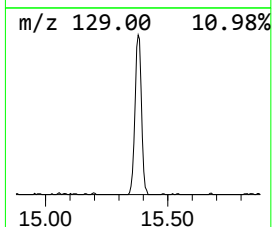
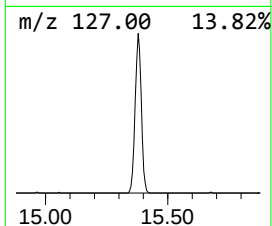
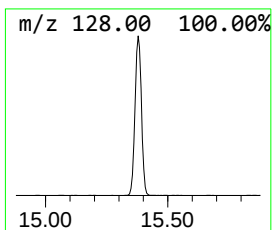
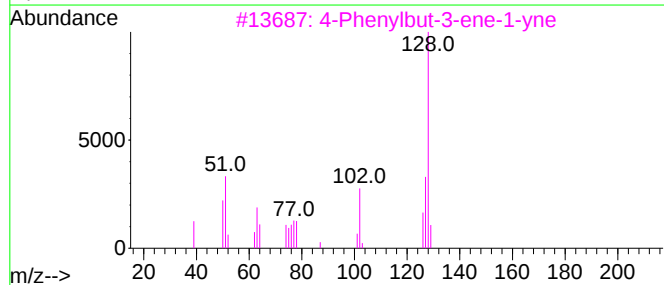
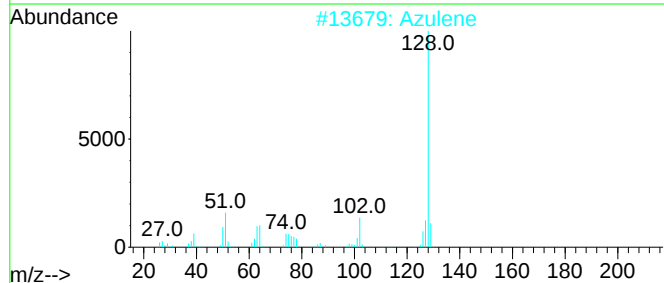
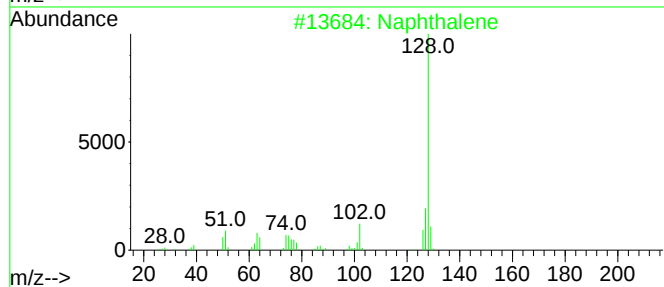
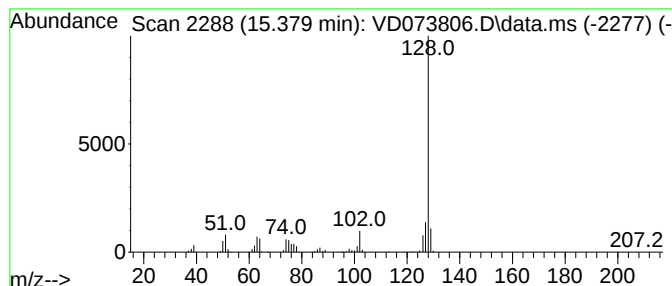
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.379	88.27 ug/l	1223770	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	97
2			Azulene	128	C10H8	000275-51-4	94
3			4-Phenylbut-3-ene-1-yne	128	C10H8	1000222-12-0	72
4			1,3-Dicyanobenzene	128	C8H4N2	000626-17-5	59
5			1,4-Benzenedicarbonitrile	128	C8H4N2	000623-26-7	59



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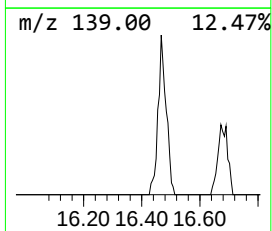
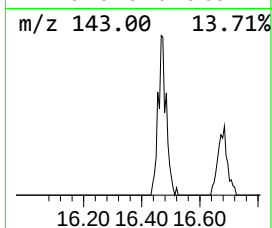
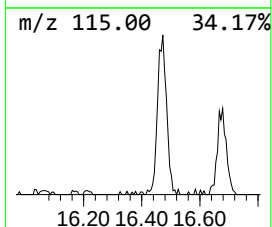
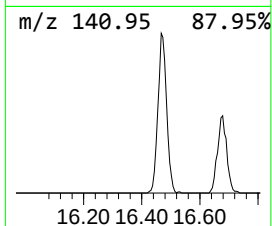
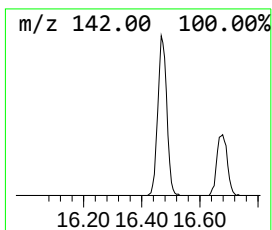
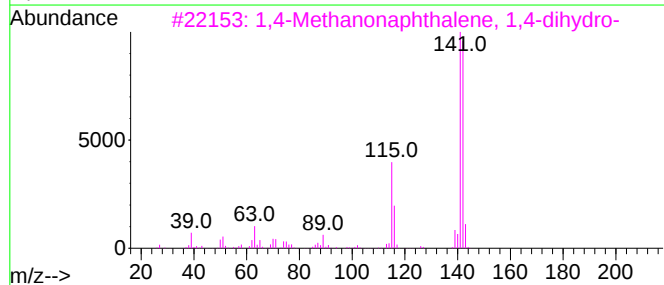
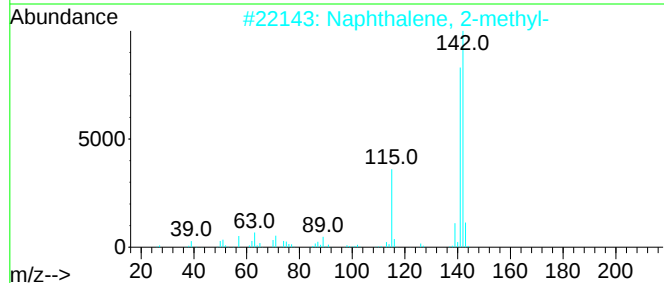
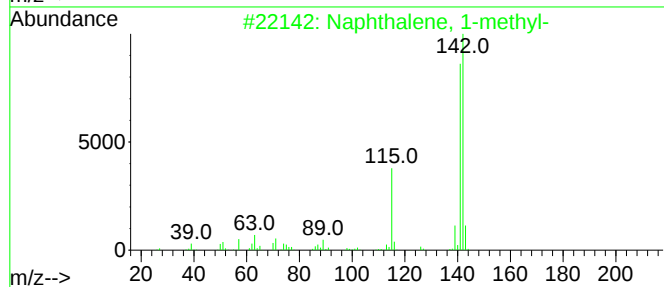
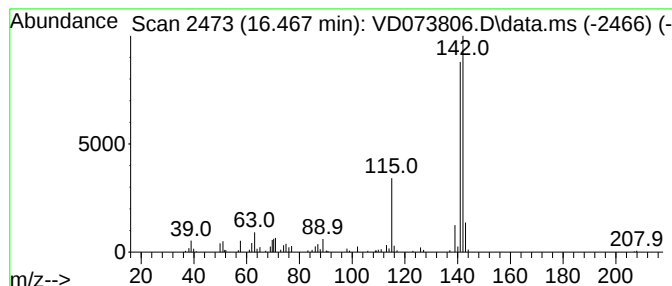
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.467	14.90 ug/l	206525	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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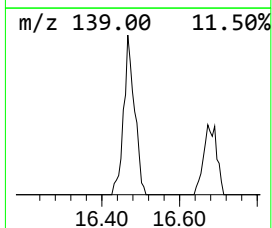
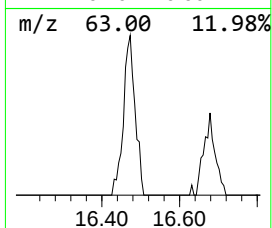
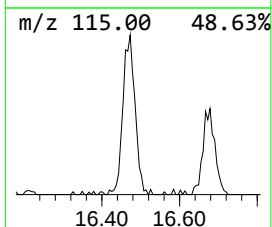
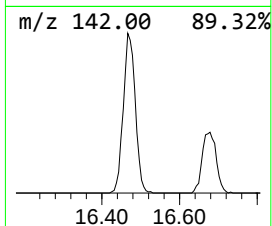
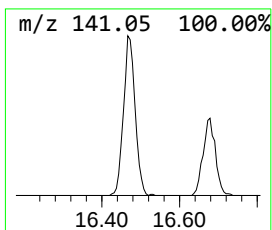
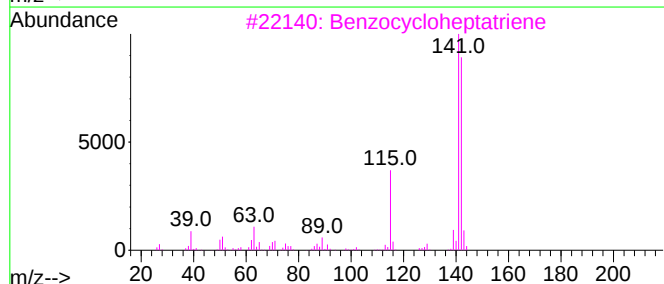
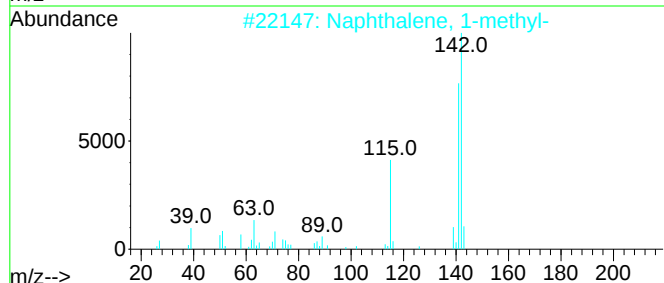
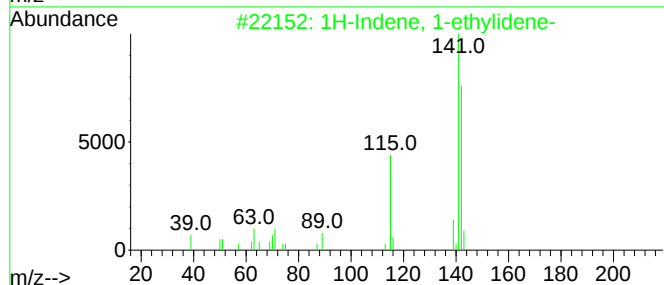
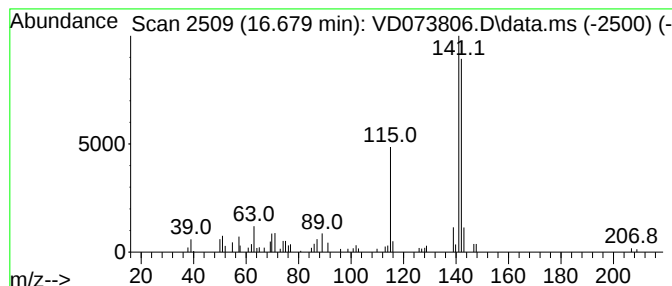
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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

Peak Number 5 1H-Indene, 1-ethylidene- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.679	8.61 ug/l	119382	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3			Benzocycloheptatriene	142	C11H10	000264-09-5	93
4			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073806.D
Acq On : 07 Jul 2022 13:59
Operator : VA/SY
Sample : N3562-10
Misc : 5.96G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-11B

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.473	6.0	ug/l	85395	3	11.638	712202	50.0
Indane	13.761	6.5	ug/l	89914	4	13.561	693224	50.0
Azulene	15.379	88.3	ug/l	1223770	4	13.561	693224	50.0
1,4-Methanonaph...	16.467	14.9	ug/l	206525	4	13.561	693224	50.0
1H-Indene, 1-et...	16.679	8.6	ug/l	119382	4	13.561	693224	50.0