

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077940.D
 Acq On : 16 Dec 2023 18:07
 Operator : RP/MD
 Sample : 05831-01
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-20017

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\82D120823S.M
 Title : SW846 8260

Signal : TIC: VD077940.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.746	19	27	36	rVB	315185	545990	64.27%	9.777%
2	1.893	46	52	58	rBV2	10064	15553	1.83%	0.278%
3	4.034	405	416	425	rBV2	7441	24053	2.83%	0.431%
4	4.805	537	547	556	rBV6	9736	32335	3.81%	0.579%
5	6.805	879	887	896	rBV4	7585	22190	2.61%	0.397%
6	7.069	923	932	937	rBV	15340	40711	4.79%	0.729%
7	7.810	1047	1058	1063	rBV	107619	264179	31.10%	4.730%
8	7.875	1063	1069	1081	rVB	181882	427250	50.29%	7.650%
9	8.228	1120	1129	1139	rBV	94177	237650	27.97%	4.255%
10	8.775	1214	1222	1236	rBV	290085	593497	69.86%	10.627%
11	8.969	1250	1255	1262	rBV3	17867	35101	4.13%	0.629%
12	9.275	1300	1307	1313	rVB6	5075	11480	1.35%	0.206%
13	10.269	1466	1476	1485	rBV	477838	849567	100.00%	15.212%
14	11.034	1601	1606	1611	rVB3	7455	12057	1.42%	0.216%
15	11.581	1691	1699	1708	rBV	427681	718818	84.61%	12.871%
16	11.799	1730	1736	1741	rVB4	4569	8805	1.04%	0.158%
17	12.569	1860	1867	1879	rVB	284681	485867	57.19%	8.700%
18	12.898	1918	1923	1929	rVB4	5942	12525	1.47%	0.224%
19	13.516	2021	2028	2036	rBV	354539	586637	69.05%	10.504%
20	13.845	2078	2084	2089	rBV7	6366	12672	1.49%	0.227%
21	14.363	2165	2172	2173	rBV7	5968	10582	1.25%	0.189%
22	14.475	2186	2191	2195	rBV8	3909	8976	1.06%	0.161%
23	14.698	2224	2229	2234	rVB7	11923	20108	2.37%	0.360%
24	14.769	2236	2241	2244	rBV6	8514	14704	1.73%	0.263%
25	14.810	2246	2248	2256	rVB8	10528	19280	2.27%	0.345%
26	15.134	2300	2303	2308	rVB6	8347	14612	1.72%	0.262%
27	15.228	2313	2319	2325	rVB9	10343	23173	2.73%	0.415%
28	15.298	2326	2331	2340	rBV5	22420	55274	6.51%	0.990%
29	15.434	2350	2354	2360	rBV9	9856	19354	2.28%	0.347%
30	15.528	2366	2370	2377	rVB8	16243	28805	3.39%	0.516%
31	15.628	2380	2387	2394	rBV5	24935	69357	8.16%	1.242%
32	15.681	2394	2396	2397	rVV2	10855	9866	1.16%	0.177%
33	15.698	2397	2399	2403	rVB5	13258	18902	2.22%	0.338%
34	15.798	2410	2416	2419	rBV5	15654	29839	3.51%	0.534%
35	15.916	2429	2436	2442	rBV	32326	65317	7.69%	1.170%
36	15.998	2444	2450	2456	rVB4	16816	39291	4.62%	0.704%

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Max Peaks: 100

Peak Location: TOP

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Peak separation: 5

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37	16.063	2459	2461	2466	rVB6	9862	9115	1.07%	0.163%
38	16.122	2466	2471	2472	rBV5	11332	14974	1.76%	0.268%
39	16.257	2490	2494	2498	rVB5	15966	25927	3.05%	0.464%
40	16.392	2513	2517	2524	rVB2	29712	59174	6.97%	1.060%
41	16.592	2545	2551	2558	rBV2	37215	91107	10.72%	1.631%

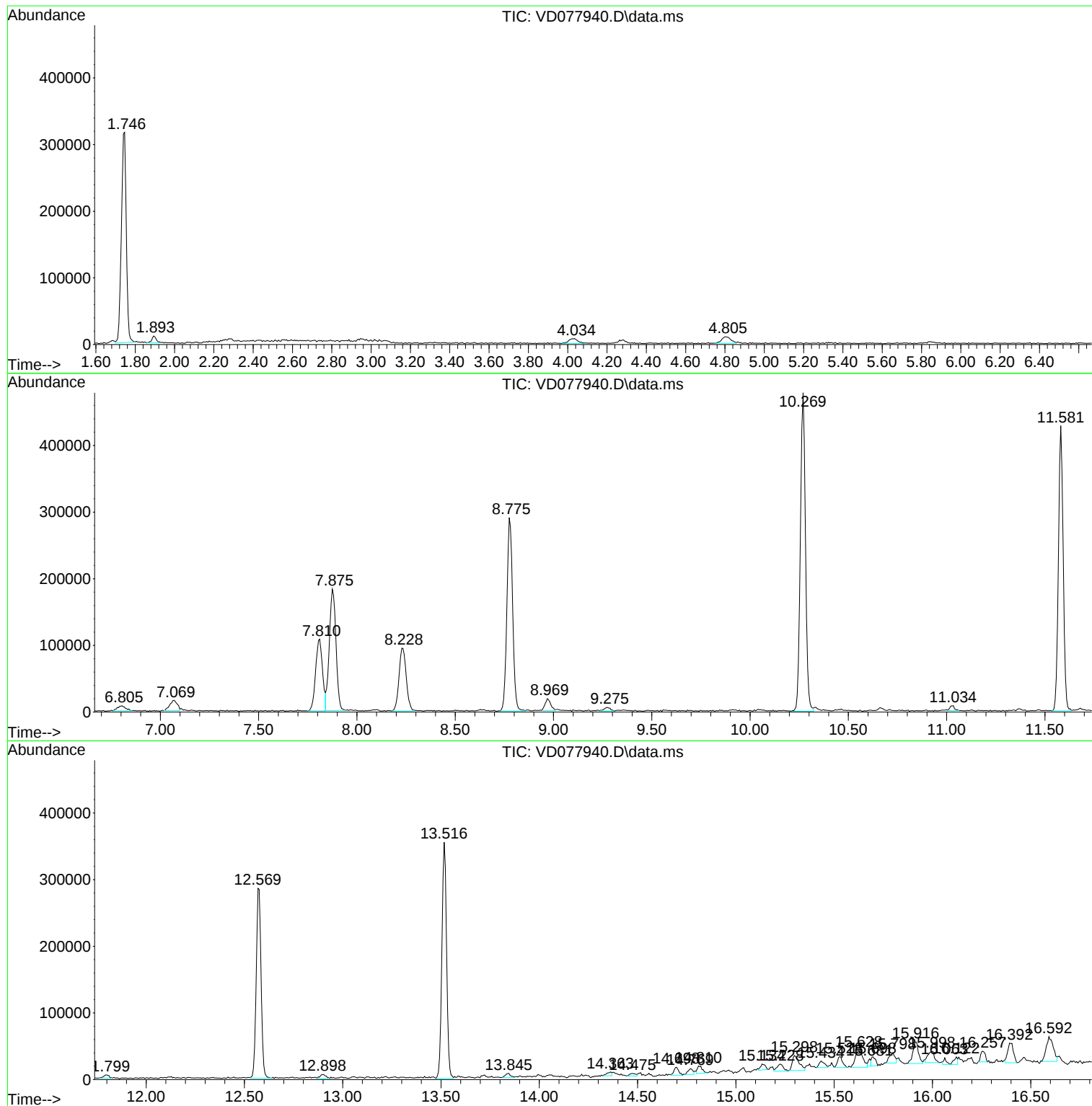
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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



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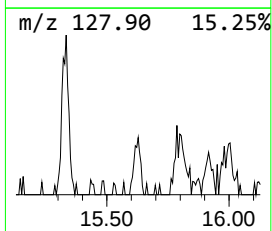
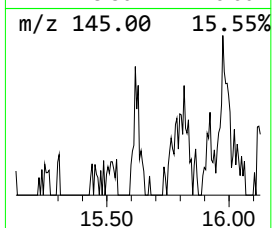
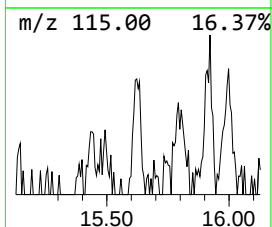
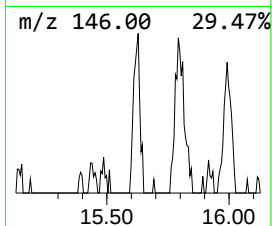
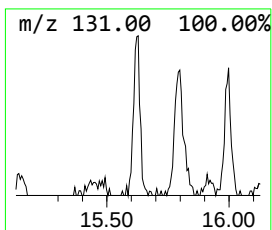
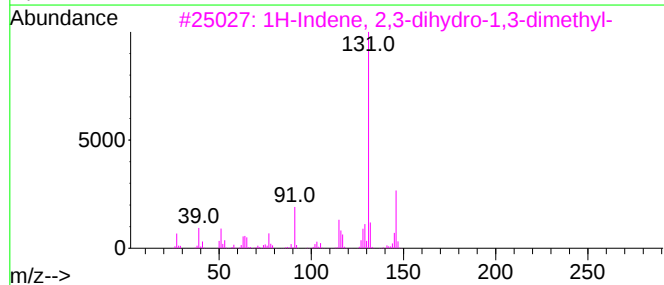
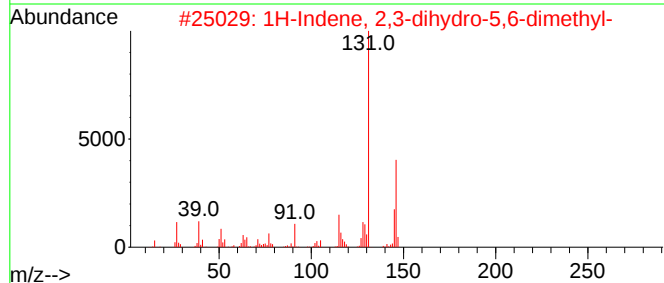
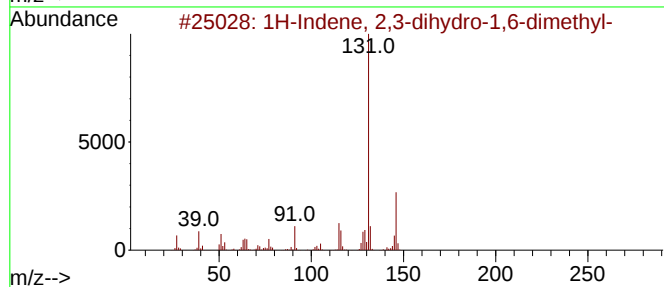
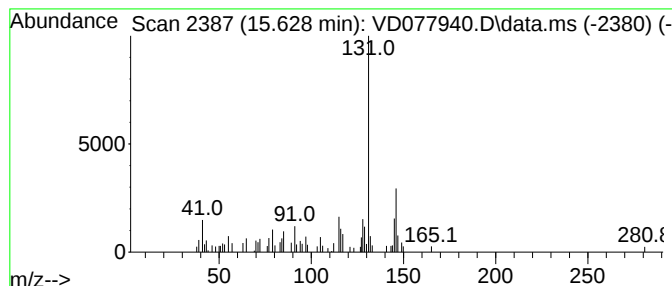
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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

Peak Number 2 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.628	5.91 ug/l	69357	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
2			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	83
4			1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	83
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83



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ClientSampleId :
CHRT-20017

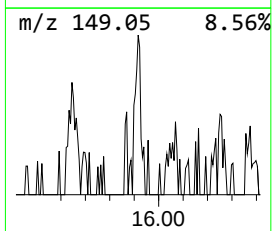
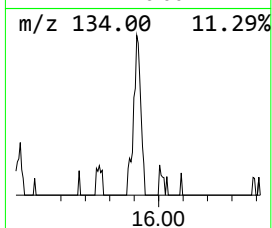
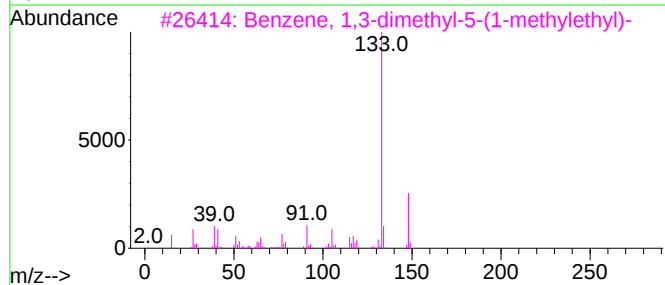
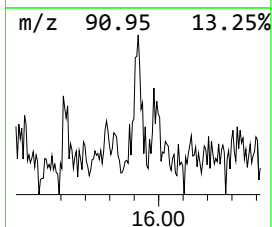
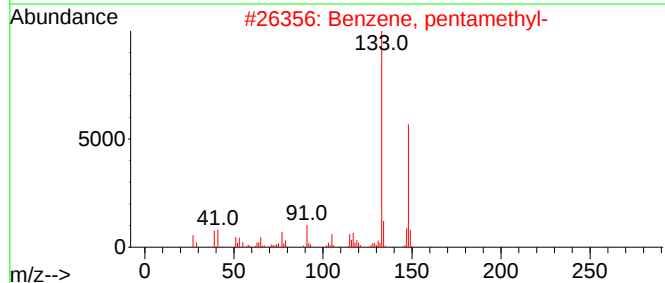
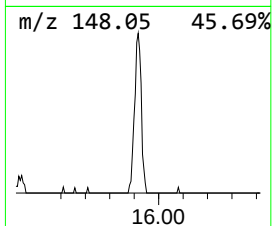
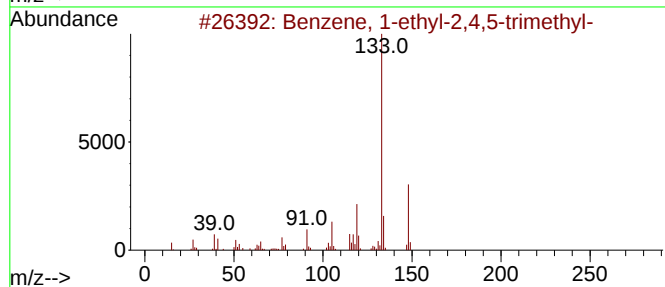
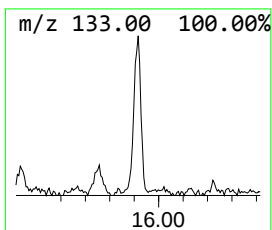
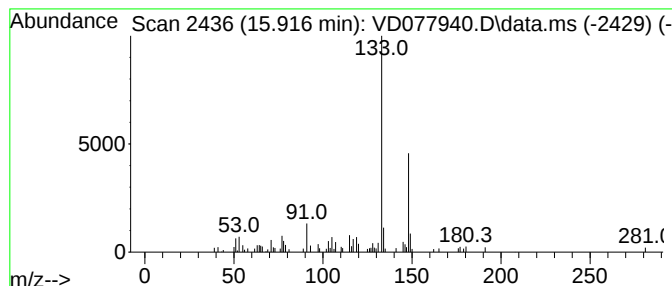
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 1-ethyl-2,4,5-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.916	5.57 ug/l	65317	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	87
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	87
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
4			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	87
5			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	83



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Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CHRT-20017

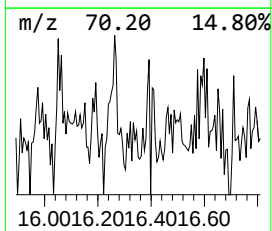
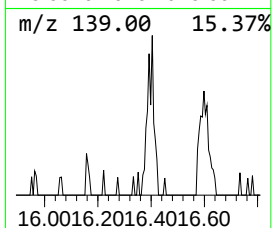
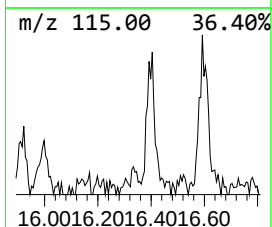
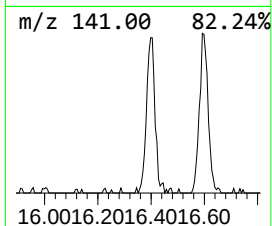
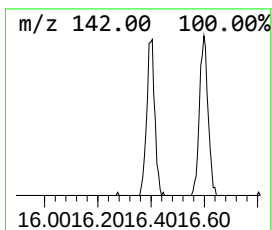
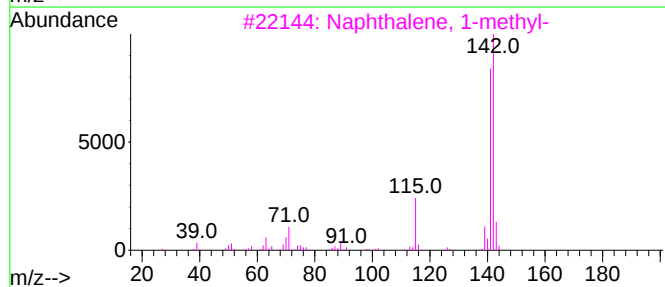
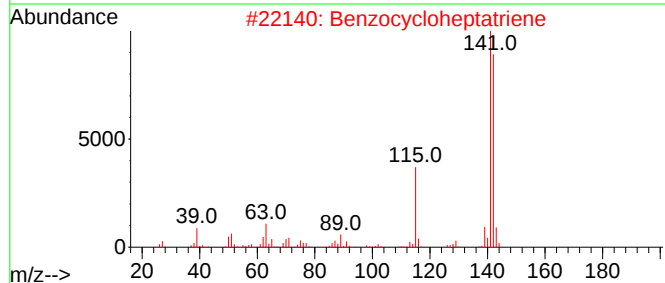
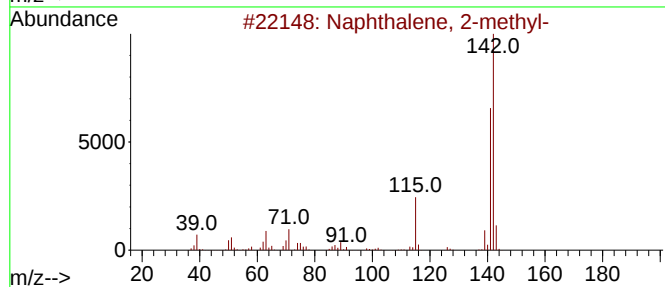
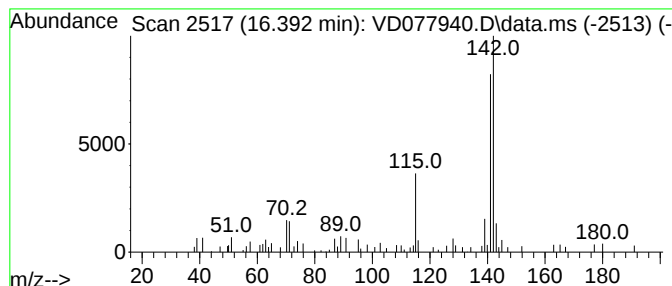
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzocycloheptatriene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.392	5.04 ug/l	59174	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2			Benzocycloheptatriene	142	C11H10	000264-09-5	90
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	50



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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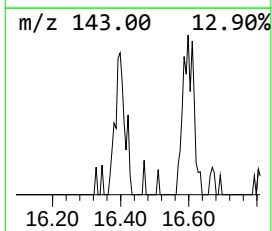
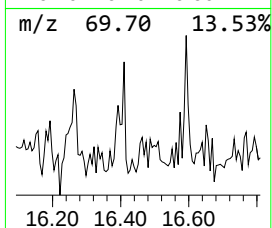
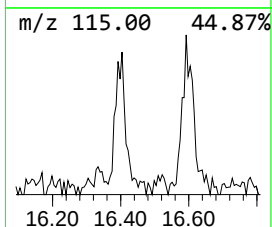
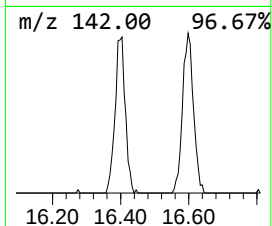
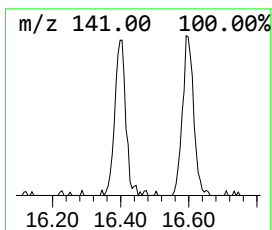
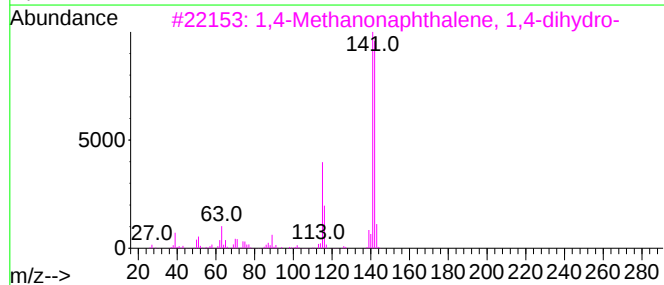
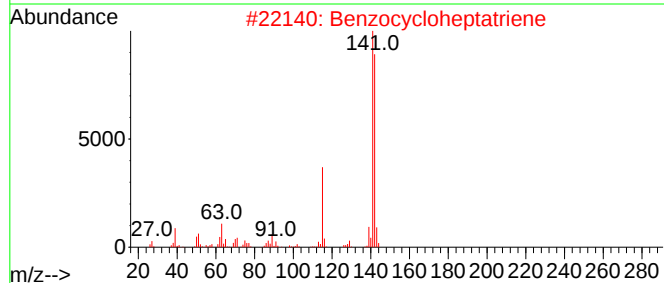
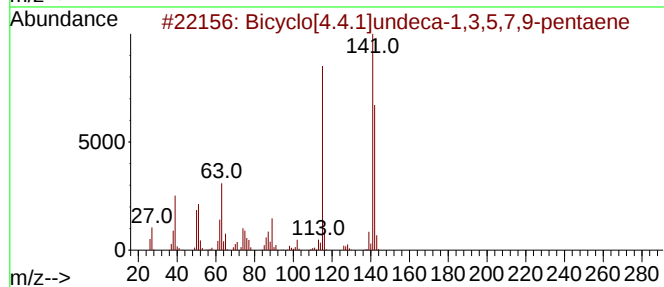
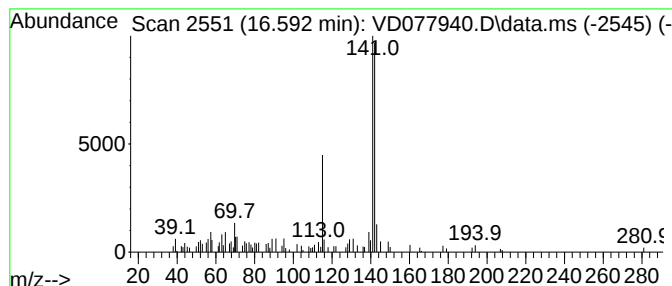
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Quant Title : SW846 8260

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

Peak Number 5 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.592	7.77 ug/l	91107	1,4-Dichlorobenzene-d4	13.516

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
2			Benzocycloheptatriene	142	C11H10	000264-09-5	91
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



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MSVOA_D
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CHRT-20017

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1H-Indene, 2,3-...	15.628	5.9	ug/l	69357	4	13.516	586637	50.0
Benzene, 1-ethy...	15.916	5.6	ug/l	65317	4	13.516	586637	50.0
Benzocyclohepta...	16.392	5.0	ug/l	59174	4	13.516	586637	50.0
Bicyclo[4.4.1]u...	16.592	7.8	ug/l	91107	4	13.516	586637	50.0