

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066459.D
 Acq On : 28 Aug 2020 14:55
 Operator : VA/SY
 Sample : L3507-13
 Misc : 8.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-082720

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_D\METHOD\82D082120S.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	3.556	271	278	289	rVB	9466	25687	3.06%	0.353%
2	4.962	507	517	529	rVB3	21062	67130	8.00%	0.923%
3	7.914	1009	1019	1023	rBV	123264	292025	34.79%	4.014%
4	7.973	1023	1029	1040	rVB	260709	571684	68.10%	7.857%
5	8.326	1081	1089	1098	rVB2	108733	240762	28.68%	3.309%
6	8.861	1171	1180	1191	rBV	310528	633087	75.41%	8.701%
7	10.332	1421	1430	1448	rBV	447182	839503	100.00%	11.538%
8	10.720	1489	1496	1503	rVB2	4986	9627	1.15%	0.132%
9	11.644	1645	1653	1664	rBV	427764	730356	87.00%	10.038%
10	11.826	1677	1684	1691	rBV	87287	163727	19.50%	2.250%
11	12.173	1740	1743	1751	rVB4	5520	10621	1.27%	0.146%
12	12.385	1772	1779	1787	rVB6	14948	30074	3.58%	0.413%
13	12.485	1789	1796	1806	rBV	299761	503483	59.97%	6.920%
14	12.632	1814	1821	1831	rVB	371804	616422	73.43%	8.472%
15	12.738	1831	1839	1845	rBV2	155942	275345	32.80%	3.784%
16	12.879	1859	1863	1867	rBV2	5084	9031	1.08%	0.124%
17	12.961	1871	1877	1883	rVV8	21268	53204	6.34%	0.731%
18	13.044	1883	1891	1898	rVB	314691	541632	64.52%	7.444%
19	13.291	1925	1933	1940	rVB4	33974	90600	10.79%	1.245%
20	13.491	1956	1967	1974	rBV7	22570	52930	6.30%	0.727%
21	13.579	1974	1982	1994	rVB	469621	795480	94.76%	10.933%
22	13.779	2011	2016	2020	rBV2	22115	39311	4.68%	0.540%
23	13.896	2031	2036	2041	rBV6	6567	10170	1.21%	0.140%
24	13.967	2041	2048	2052	rVB5	4565	9224	1.10%	0.127%
25	14.026	2052	2058	2062	rBV7	13564	24486	2.92%	0.337%
26	14.108	2068	2072	2080	rVB6	11205	24567	2.93%	0.338%
27	14.226	2087	2092	2098	rVB3	9556	16897	2.01%	0.232%
28	14.443	2126	2129	2133	rVV2	7732	10474	1.25%	0.144%
29	14.485	2133	2136	2140	rVB	10256	14291	1.70%	0.196%
30	14.720	2171	2176	2181	rBV5	8103	13380	1.59%	0.184%
31	14.838	2187	2196	2202	rBV3	23667	54221	6.46%	0.745%
32	14.902	2202	2207	2210	rVB4	5049	9166	1.09%	0.126%
33	14.985	2215	2221	2227	rBV4	10197	19119	2.28%	0.263%
34	15.102	2235	2241	2246	rBV6	6120	11002	1.31%	0.151%

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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

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35	15.349	2276	2283	2286	rBV4	5918	10363	1.23%	0.142%
36	15.408	2286	2293	2300	rVV	136139	247356	29.46%	3.400%
37	16.502	2471	2479	2488	rVB3	47442	104814	12.49%	1.441%
38	16.708	2505	2514	2524	rBV2	47152	104574	12.46%	1.437%

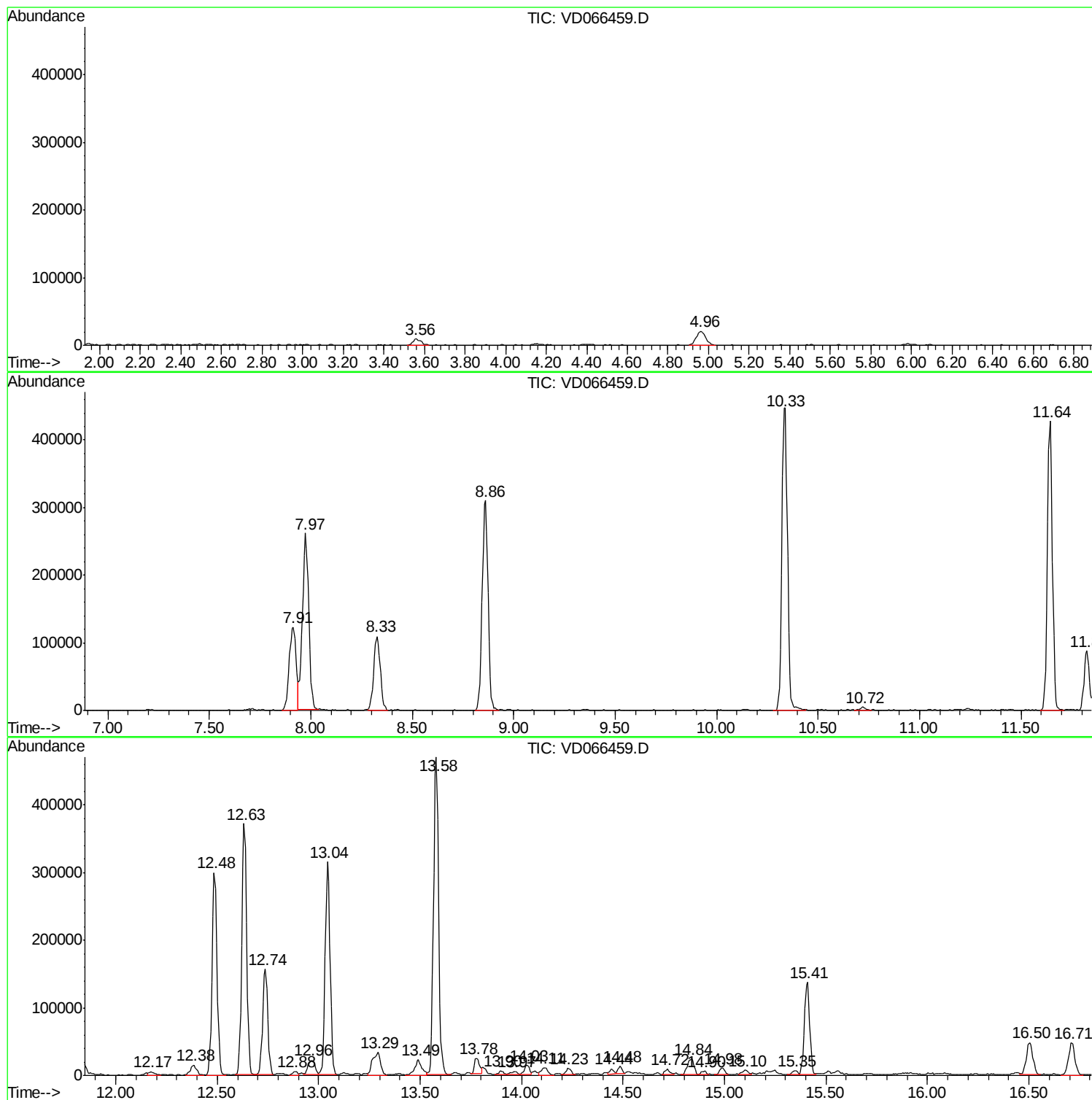
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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



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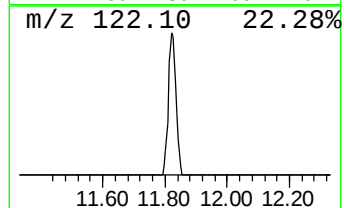
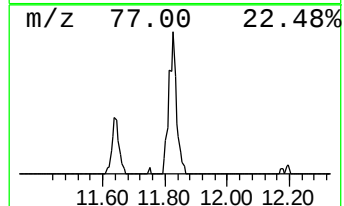
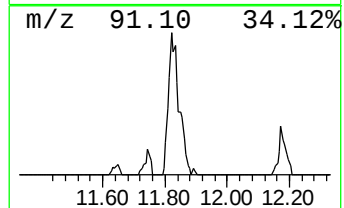
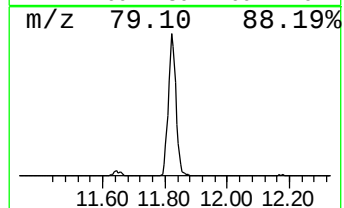
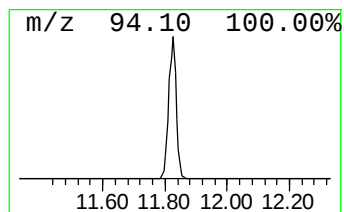
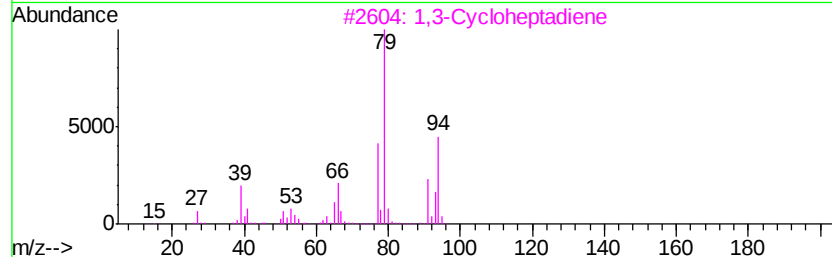
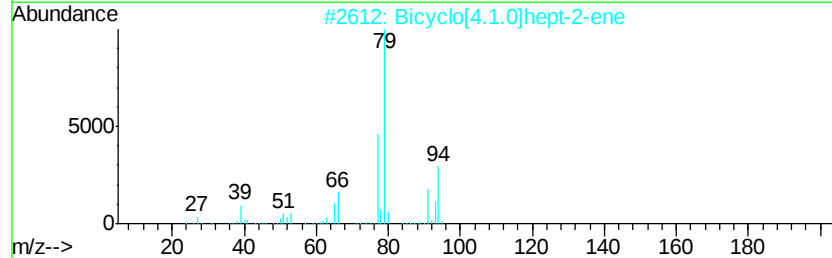
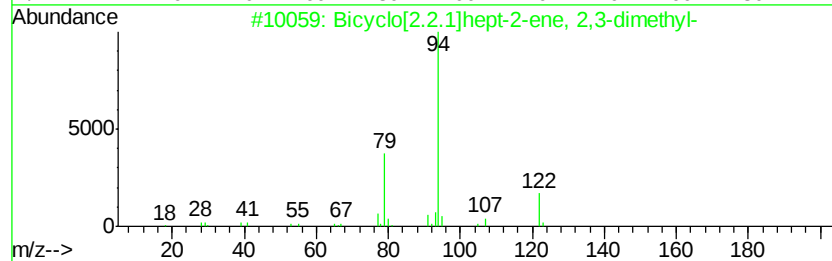
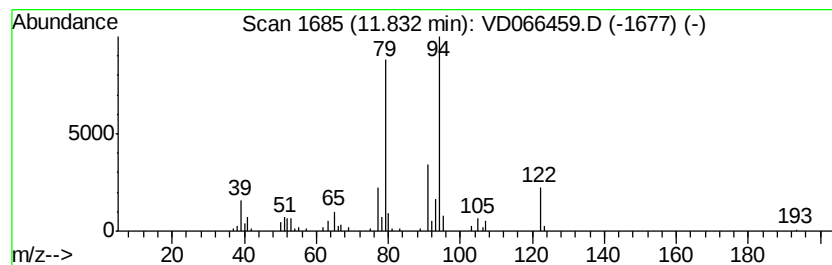
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

Peak Number 2 Bicyclo[2.2.1]hept-2-ene, 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	11.21 ug/l	163727	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]hept-2-ene, 2,3-di...	122	C9H14	000529-16-8	78
2		Bicyclo[4.1.0]hept-2-ene	94	C7H10	002566-57-6	74
3		1,3-Cycloheptadiene	94	C7H10	004054-38-0	74
4		1,3,5-Hexatriene, 3-methyl-, (Z)-	94	C7H10	024587-27-7	64
5		1,3,5-Hexatriene, 2-methyl-	94	C7H10	019264-50-7	64



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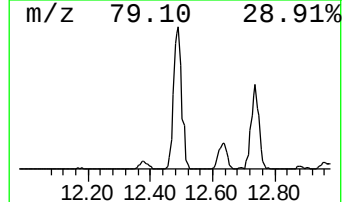
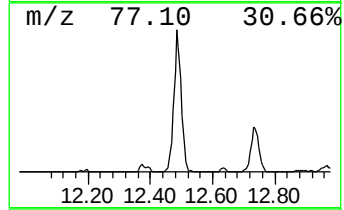
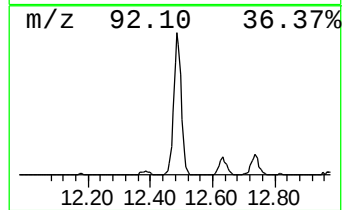
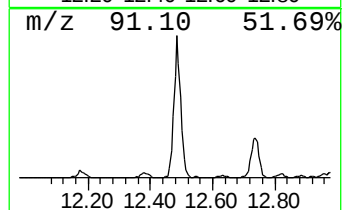
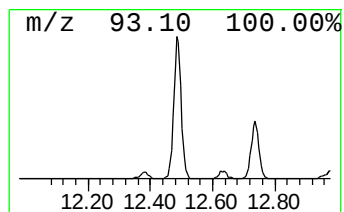
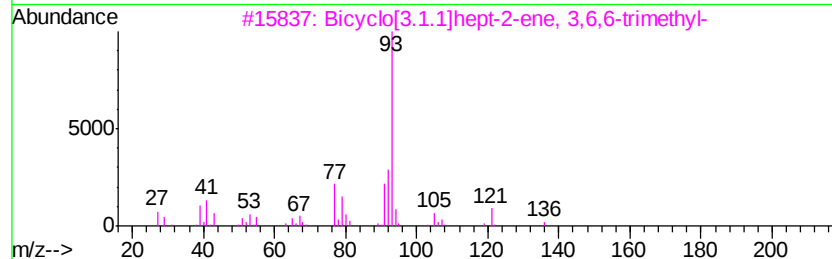
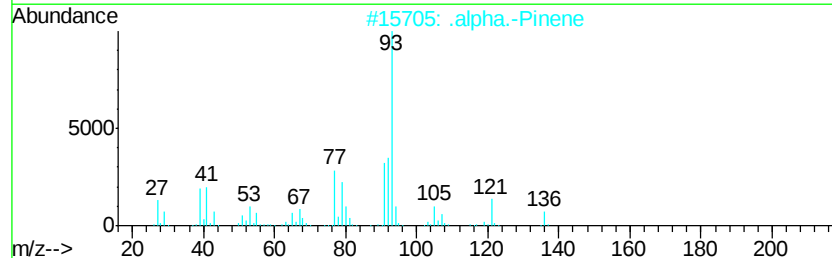
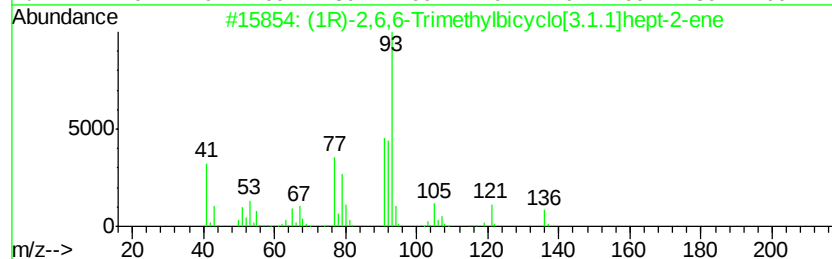
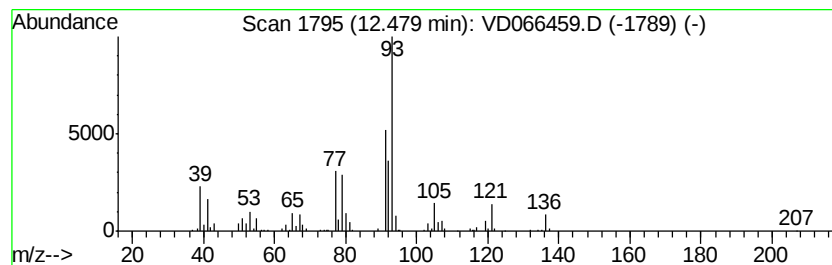
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	34.47 ug/l	503483	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	95
4		.gamma.-Terpinene	136	C10H16	000099-85-4	95
5		Tricyclo[2.2.1.0(2,6)]heptane, 1,1,1-trimethyl-	136	C10H16	000508-32-7	91



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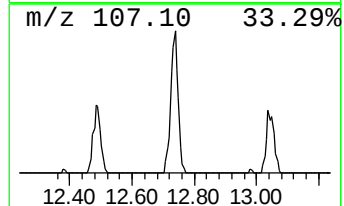
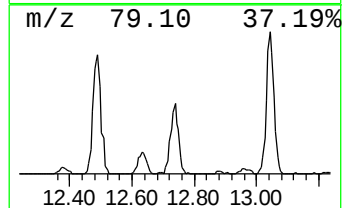
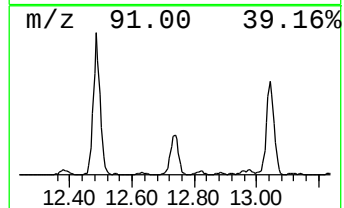
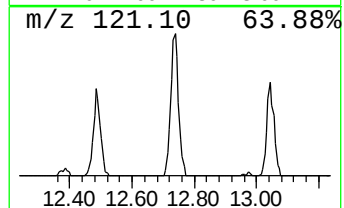
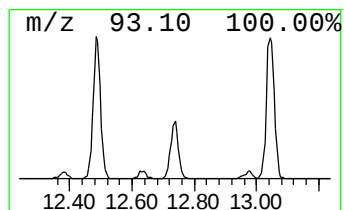
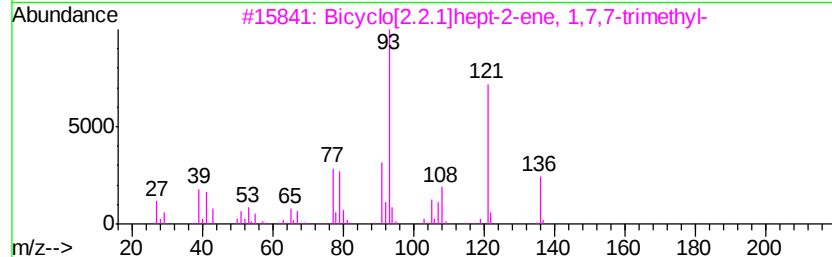
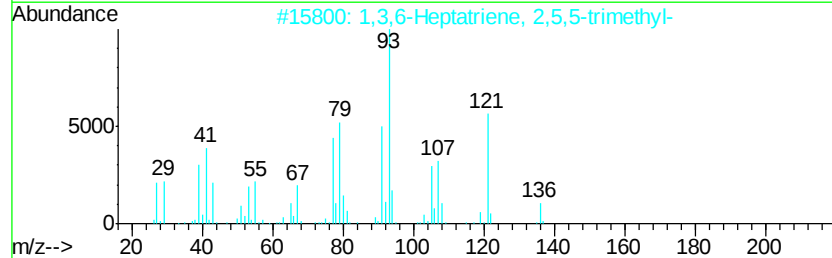
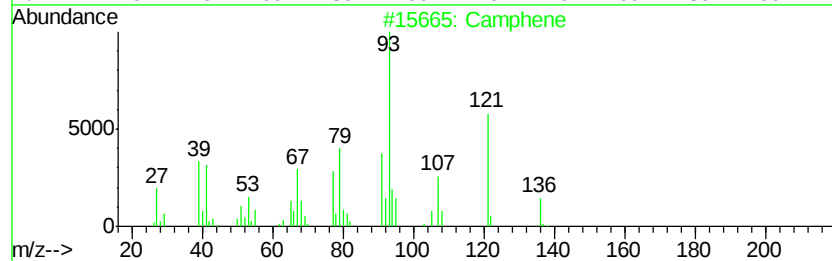
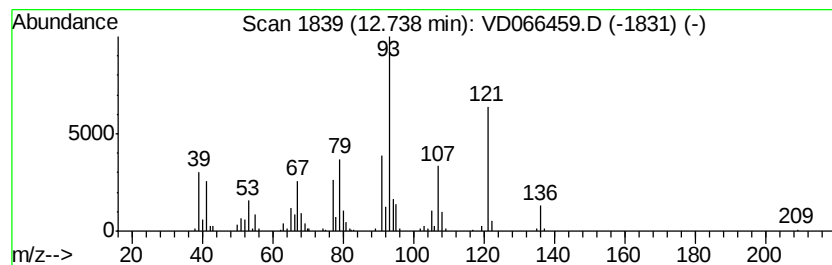
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Camphene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	17.31 ug/l	275345	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Camphene		136 C10H16	000079-92-5 97
2	1,3,6-Heptatriene, 2,5,5-trimethyl-		136 C10H16	029548-02-5 91
3	Bicyclo[2.2.1]hept-2-ene, 1,7,7-trimethyl-		136 C10H16	000464-17-5 87
4	(+)-4-Carene		136 C10H16	029050-33-7 83
5	Cyclohexene, 5-methyl-3-(1-methyl-2-propenyl)-		136 C10H16	056816-08-1 76



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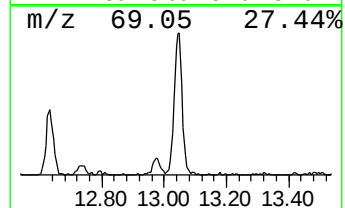
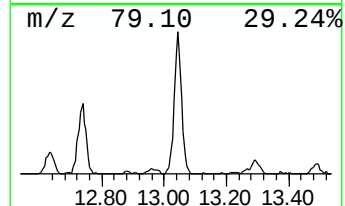
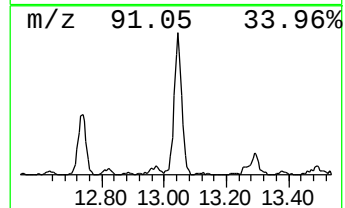
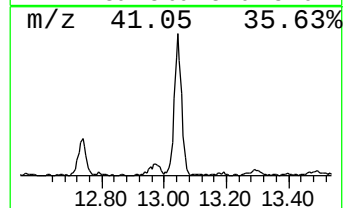
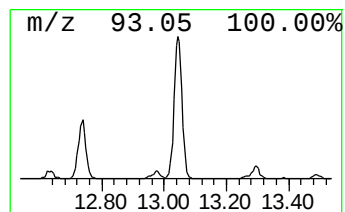
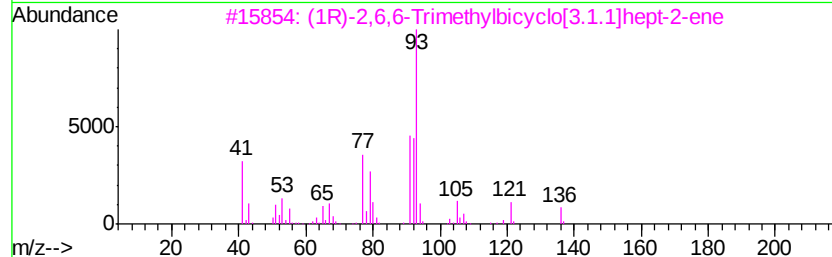
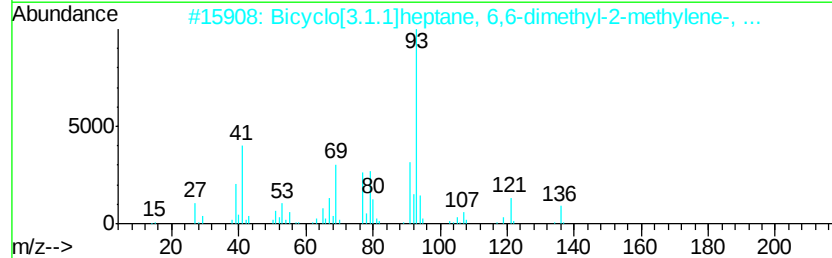
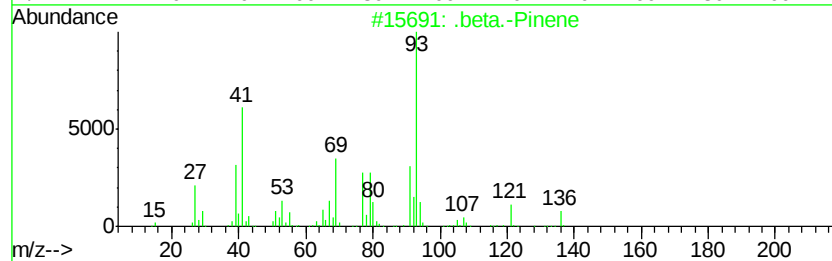
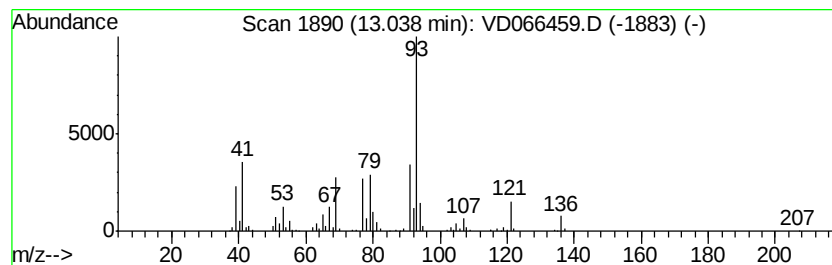
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	34.04 ug/l	541632	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Pinene	136	C10H16	000127-91-3	97
2		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	94
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	93
5		.gamma.-Terpinene	136	C10H16	000099-85-4	90



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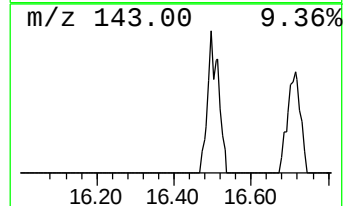
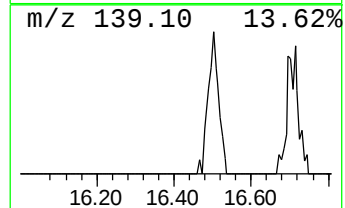
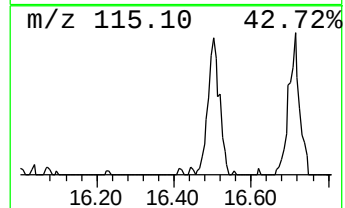
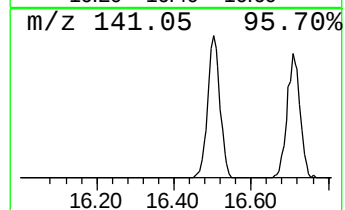
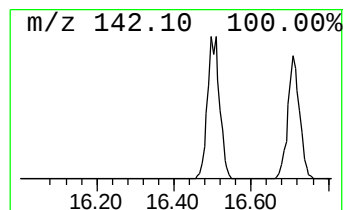
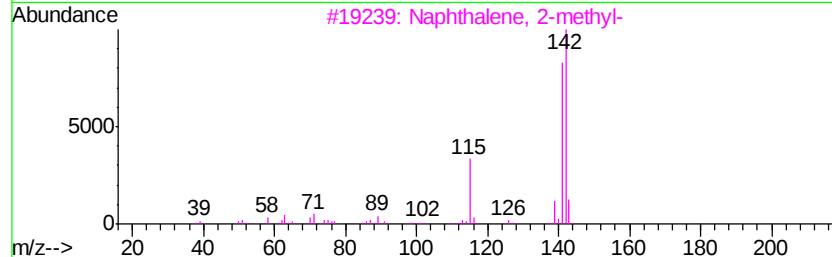
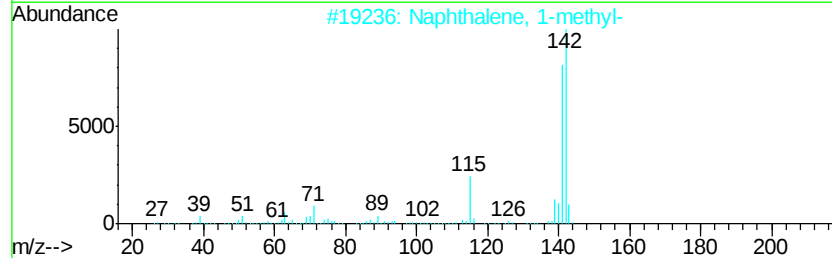
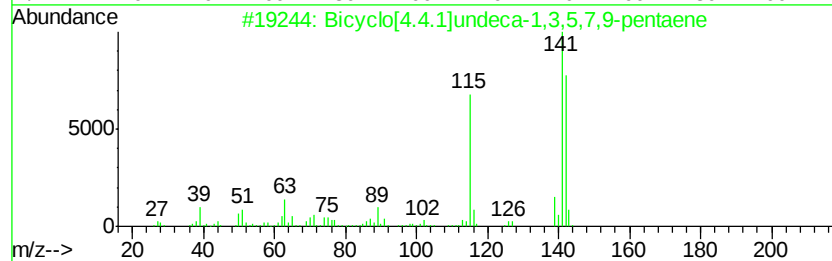
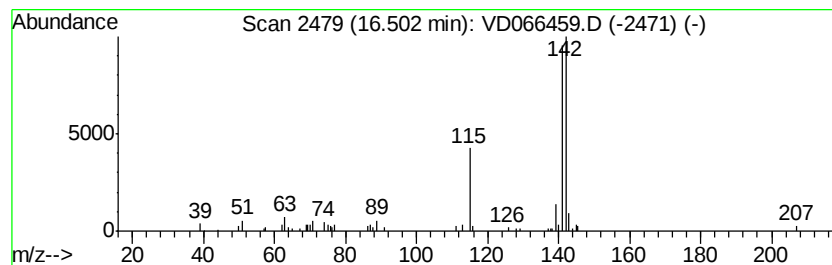
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

Peak Number 6 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	6.59 ug/l	104814	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082820\
Data File : VD066459.D
Acq On : 28 Aug 2020 14:55
Operator : VA/SY
Sample : L3507-13
Misc : 8.90G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-082720

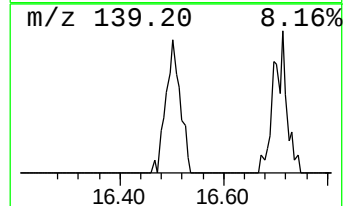
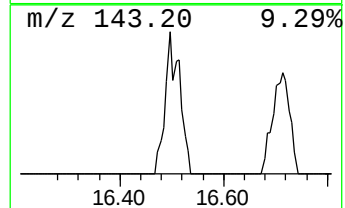
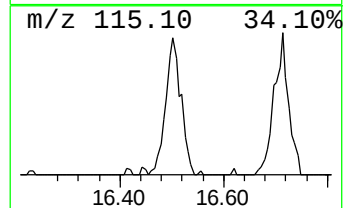
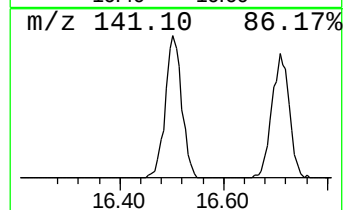
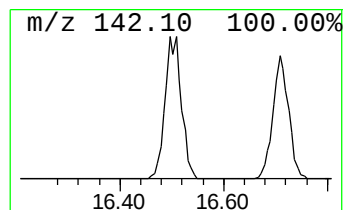
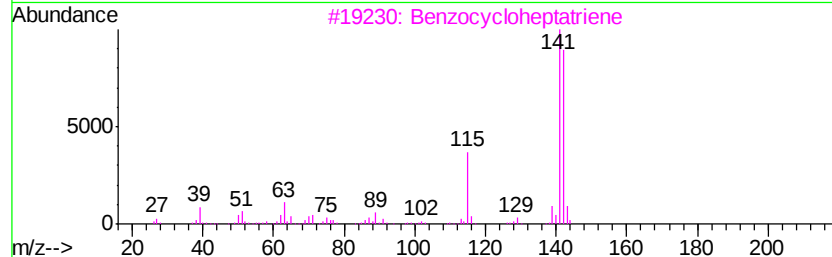
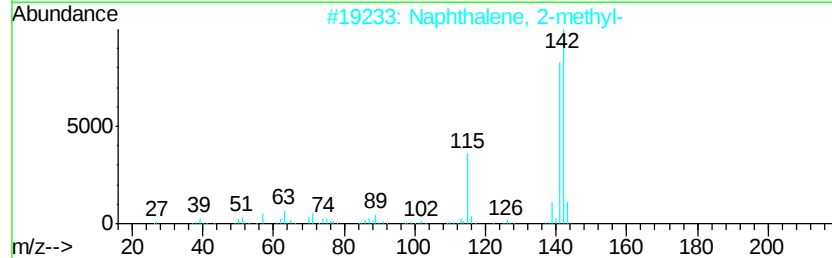
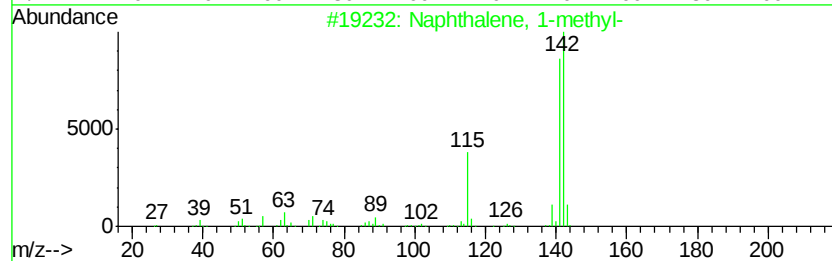
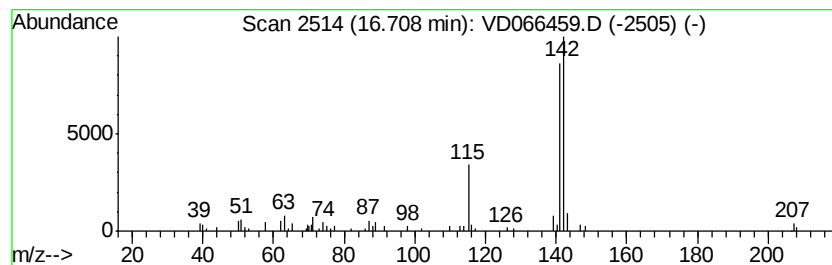
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	6.57 ug/l	104574	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082820\
Data File : VD066459.D
Acq On : 28 Aug 2020 14:55
Operator : VA/SY
Sample : L3507-13
Misc : 8.90G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-03-082720

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Bicyclo[2.2.1]hep...	11.83	11.2	ug/l	163727	3	11.64	730356	50.0
(1R)-2,6,6-Trimet...	12.48	34.5	ug/l	503483	3	11.64	730356	50.0
Camphene	12.74	17.3	ug/l	275345	4	13.58	795480	50.0
.beta.-Pinene	13.04	34.0	ug/l	541632	4	13.58	795480	50.0
Bicyclo[4.4.1]und...	16.50	6.6	ug/l	104814	4	13.58	795480	50.0
Naphthalene, 1-me...	16.71	6.6	ug/l	104574	4	13.58	795480	50.0