

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061311.D
 Acq On : 25 Mar 2019 19:30
 Operator : VA/AP
 Sample : K2043-07
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB441-190319-(23-25)

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\82D032519S.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	1.859	40	44	54	rVB	324629	725324	16.43%	3.817%
2	3.818	238	243	256	rBV3	48226	168652	3.82%	0.888%
3	4.222	280	284	292	rBV3	33544	92859	2.10%	0.489%
4	6.033	461	468	475	rBV	1391849	4414802	100.00%	23.235%
5	6.919	551	558	565	rBV	300399	887285	20.10%	4.670%
6	7.047	565	571	585	rVB	479305	1447124	32.78%	7.616%
7	7.451	606	612	624	rBV2	198327	634122	14.36%	3.337%
8	8.219	684	690	706	rVB	763277	1915862	43.40%	10.083%
9	8.544	717	723	729	rVB4	16698	46999	1.06%	0.247%
10	10.404	907	912	920	rBV	757445	1694300	38.38%	8.917%
11	11.251	994	998	1001	rVB2	22856	46007	1.04%	0.242%
12	12.363	1107	1111	1121	rVB	1112305	1805269	40.89%	9.501%
13	12.993	1171	1175	1179	rBV2	45182	86371	1.96%	0.455%
14	13.220	1192	1198	1201	rVV2	27558	64296	1.46%	0.338%
15	13.299	1202	1206	1207	rVV3	19666	45051	1.02%	0.237%
16	13.328	1207	1209	1214	rVV3	28993	73764	1.67%	0.388%
17	13.555	1227	1232	1236	rBV	760744	1028020	23.29%	5.410%
18	13.712	1245	1248	1252	rVB2	65286	93624	2.12%	0.493%
19	13.958	1271	1273	1276	rVB3	28422	52026	1.18%	0.274%
20	14.204	1292	1298	1300	rBV4	19915	58212	1.32%	0.306%
21	14.263	1300	1304	1307	rVB4	18897	47737	1.08%	0.251%
22	14.450	1320	1323	1327	rBV2	72665	158834	3.60%	0.836%
23	14.519	1327	1330	1335	rVB	902184	1268842	28.74%	6.678%
24	14.805	1356	1359	1365	rBV2	118339	218605	4.95%	1.151%
25	14.933	1369	1372	1375	rVB4	26632	45830	1.04%	0.241%
26	15.139	1391	1393	1395	rVB2	40115	46028	1.04%	0.242%
27	15.287	1405	1408	1411	rBV	310662	455146	10.31%	2.395%
28	15.395	1416	1419	1421	rBV	207064	273013	6.18%	1.437%
29	15.454	1423	1425	1427	rVV2	46571	62412	1.41%	0.328%
30	15.750	1452	1455	1459	rBV4	25892	75850	1.72%	0.399%
31	15.819	1459	1462	1466	rVV	119508	200294	4.54%	1.054%
32	15.878	1466	1468	1471	rVV	105416	147926	3.35%	0.779%
33	15.927	1471	1473	1480	rVB3	80981	191924	4.35%	1.010%
34	16.144	1492	1495	1500	rBV2	105090	213395	4.83%	1.123%

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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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Title : SW846 8260

35	16.212	1500	1502	1504	rVV	60397	93197	2.11%	0.490%
36	16.291	1508	1510	1514	rBV3	22251	48432	1.10%	0.255%
37	16.400	1518	1521	1527	rVB5	27986	73228	1.66%	0.385%

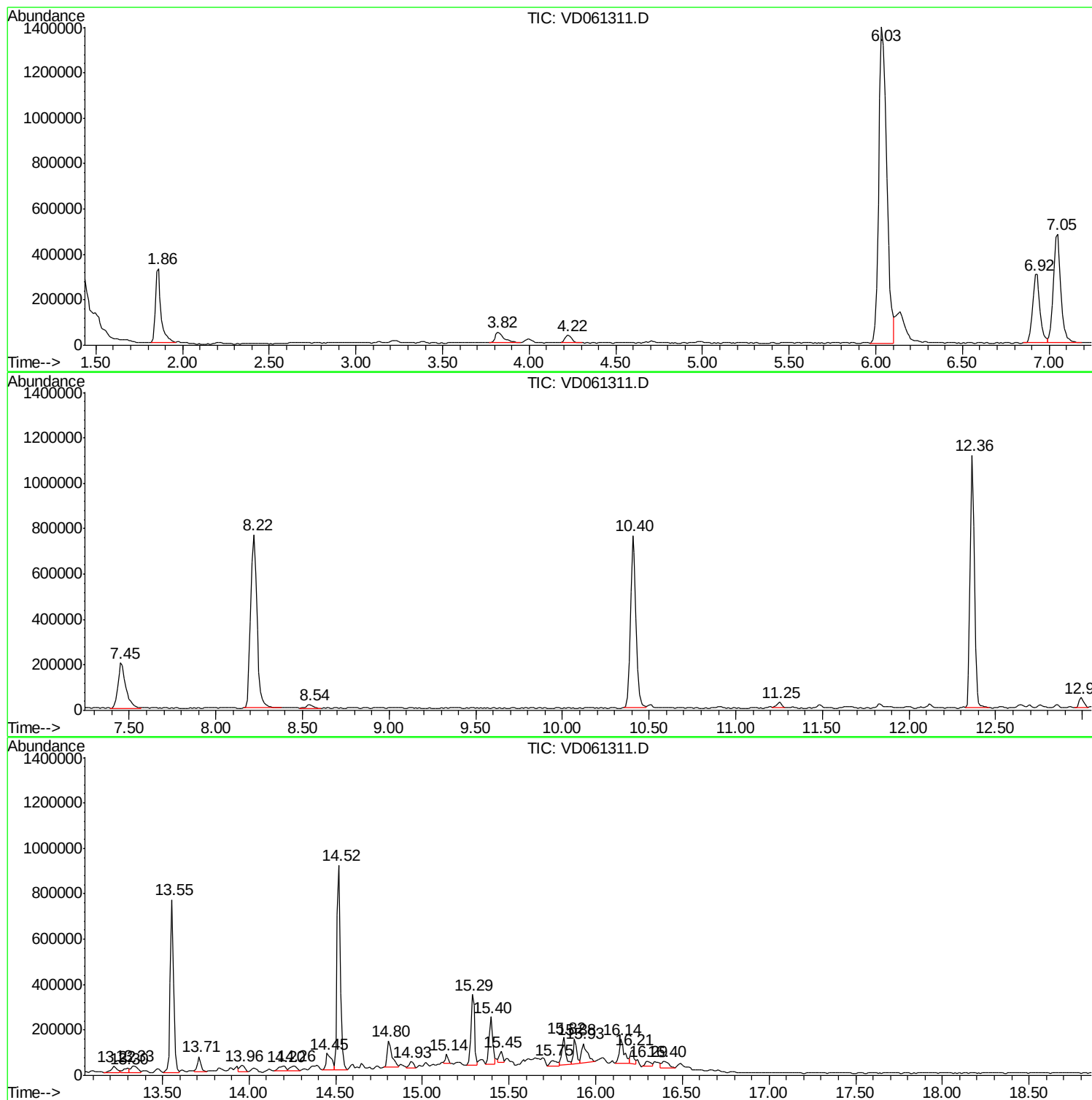
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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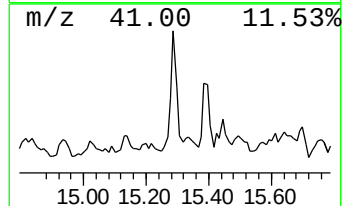
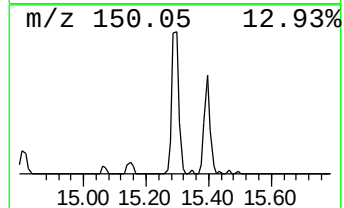
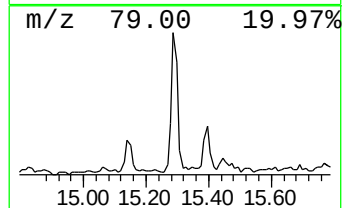
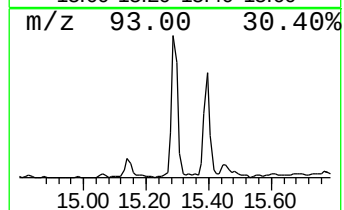
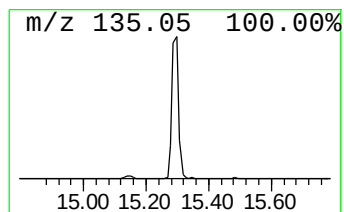
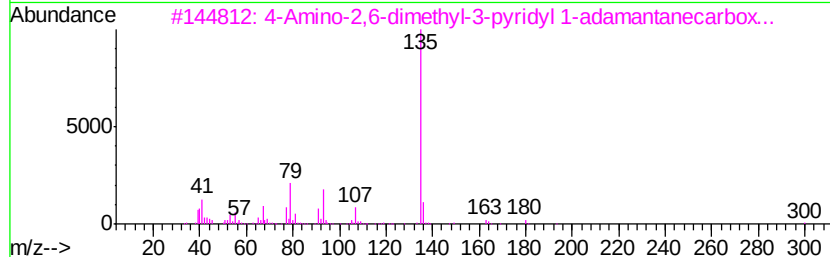
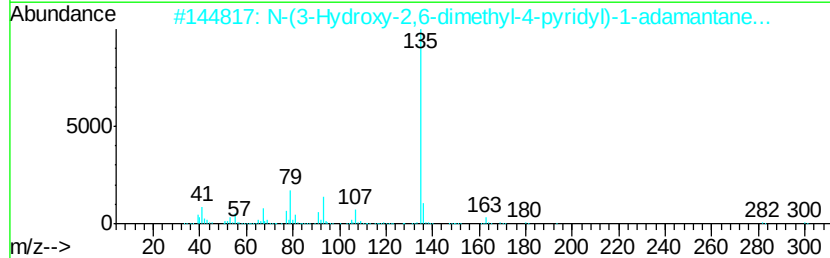
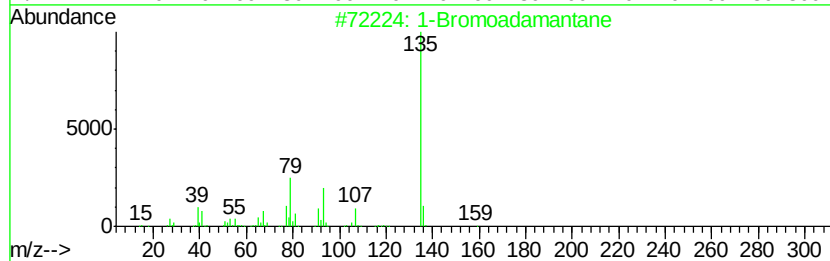
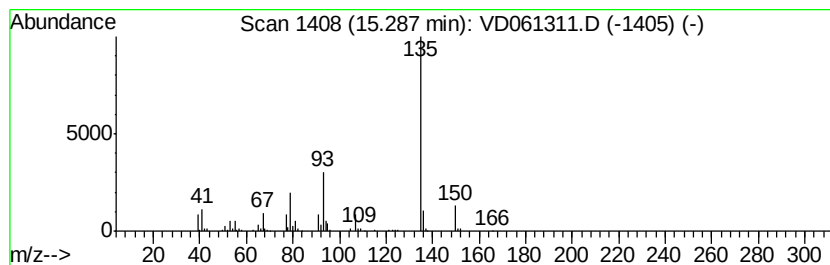
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Bromoadamantane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	17.94 ug/l	455146	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Bromoadamantane	214 C10H15Br	000768-90-1	72
2	N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300 C18H24N2O2	1000260-99-3	72
3	4-Amino-2,6-dimethyl-3-pyridyl 1...	300 C18H24N2O2	1000260-99-2	72
4	1-Ethanone, 1-(1-adamantyl)-2-ph...	254 C18H22O	268543-19-7	64
5	Chloroacetic acid, 1-adamantylme...	242 C13H19ClO2	083813-49-4	64



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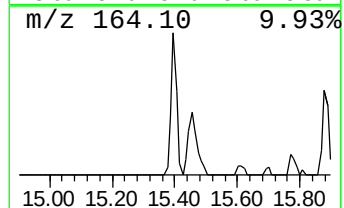
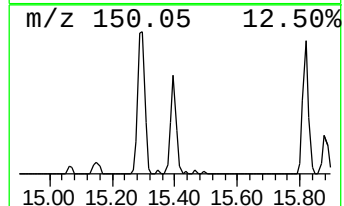
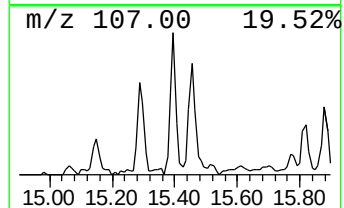
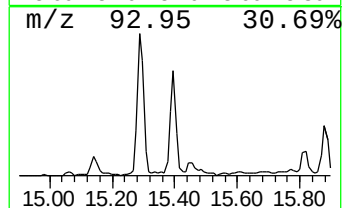
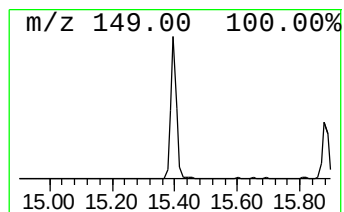
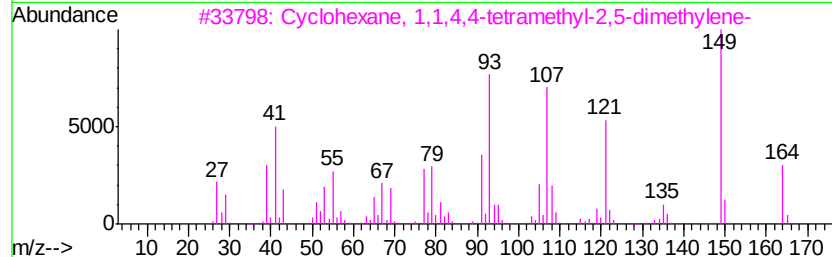
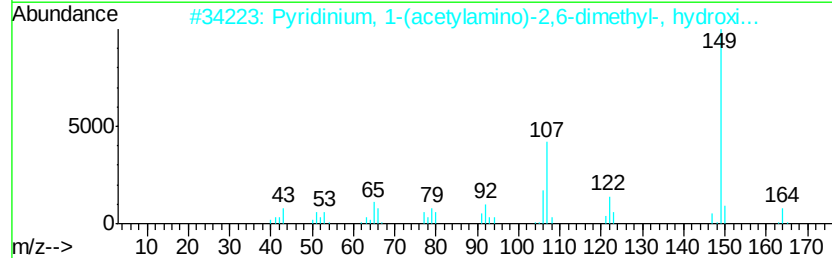
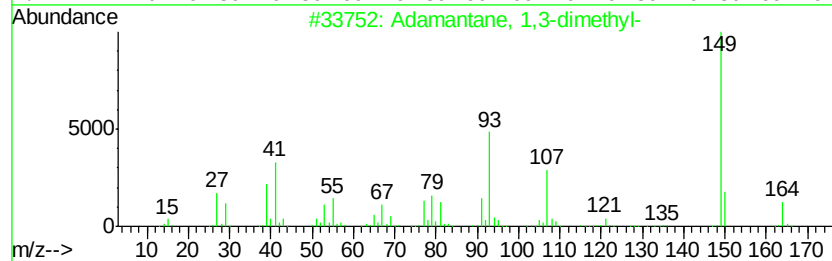
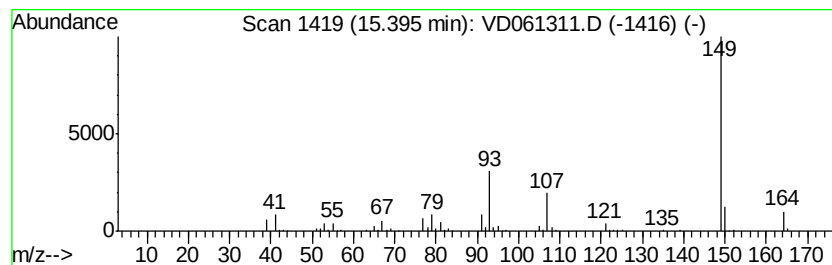
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Adamantane, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	10.76 ug/l	273013	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4	91
2	Pyridinium, 1-(acetylamino)-2,6-...	164 C9H12N2O	031020-35-6	64
3	Cyclohexane, 1,1,4,4-tetramethyl...	164 C12H20	1000154-20-4	50
4	1,4-Dimethyladamantane	164 C12H20	024145-88-8	45
5	1,4-Dimethyladamantane	164 C12H20	024145-89-9	43



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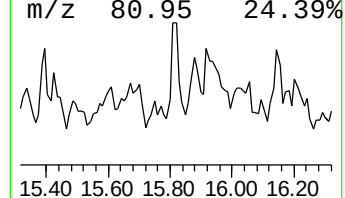
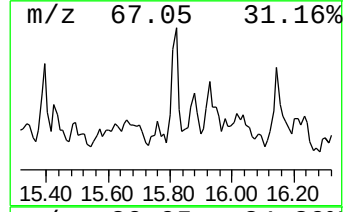
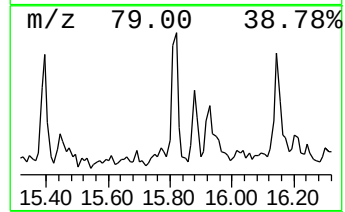
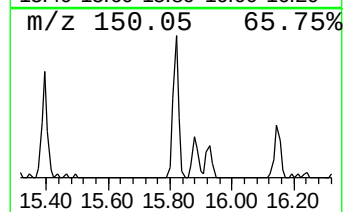
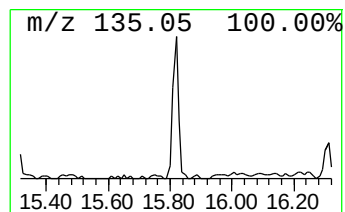
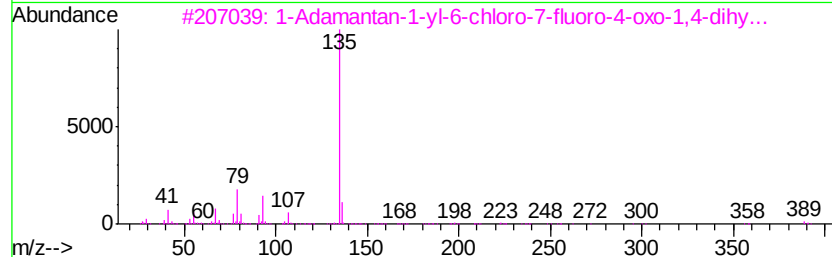
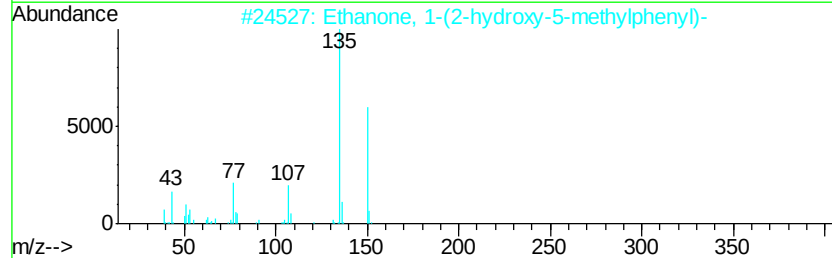
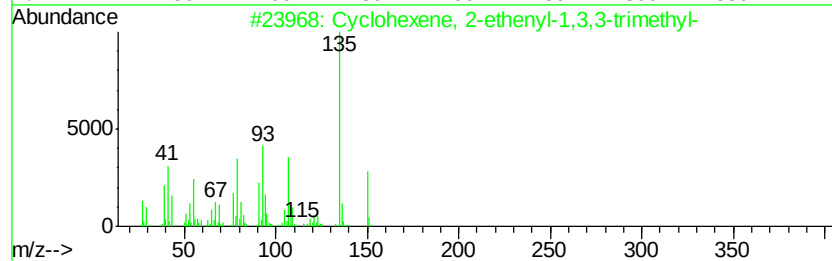
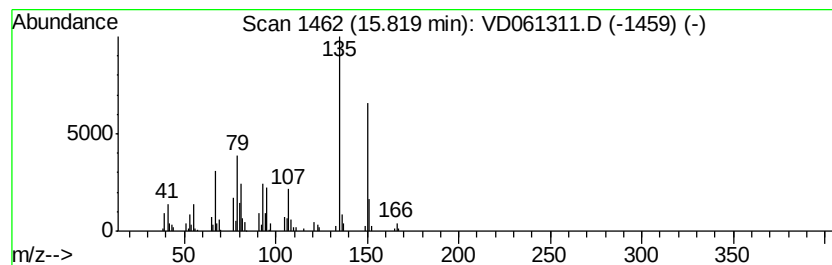
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexene, 2-ethenyl-1,3,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.82	7.89 ug/l	200294	1,4-Dichlorobenzene-d4	14.52		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	64
2		Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	49
3		1-Adamantan-1-yl-6-chloro-7-fluo...	389	C21H21ClFN03	1000210-85-2	47
4		N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	47
5		Phenol, 2,3,4,6-tetramethyl-	150	C10H14O	003238-38-8	43



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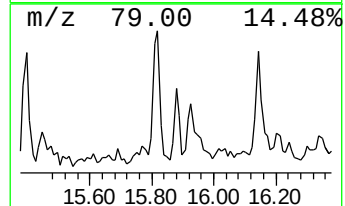
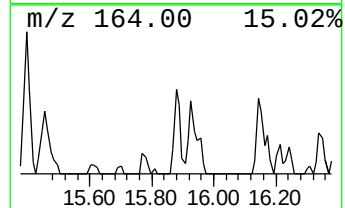
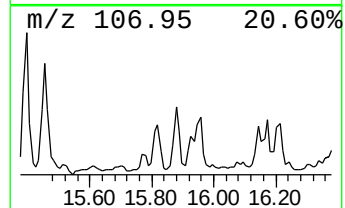
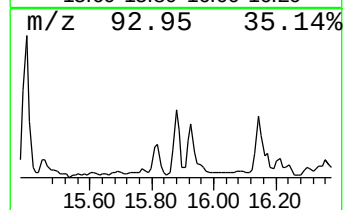
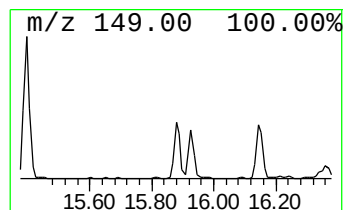
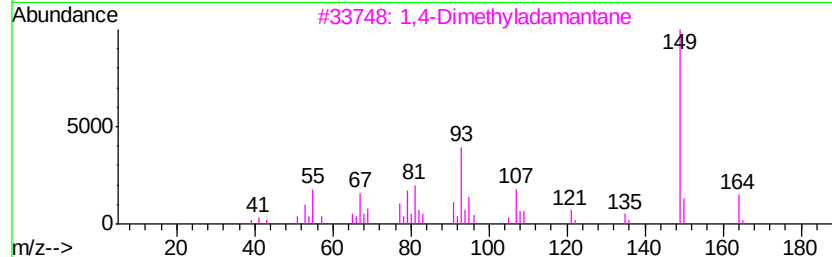
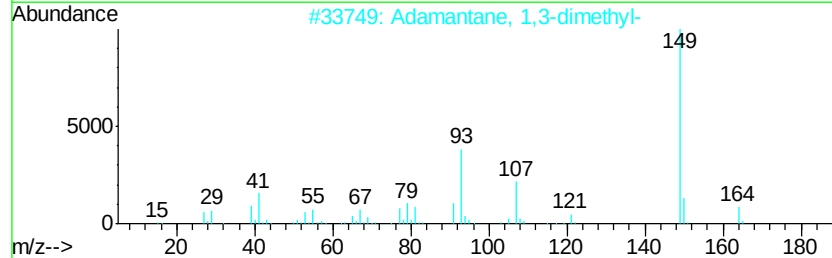
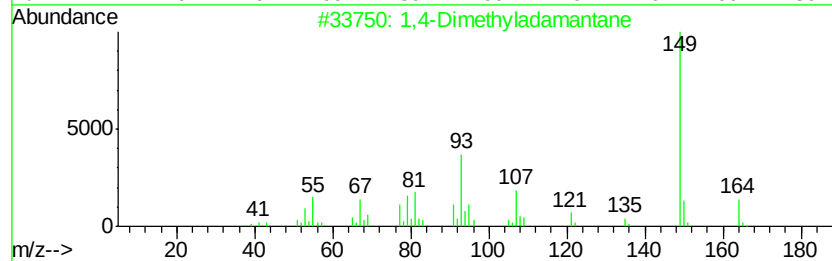
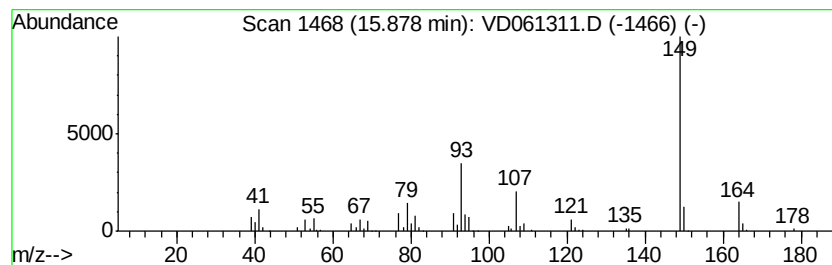
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Peak Number 4 1,4-Dimethyladamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	5.83 ug/l	147926	1,4-Dichlorobenzene-d4	14.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,4-Dimethyladamantane	164 C12H20	024145-89-9	90
2	Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4	90
3	1,4-Dimethyladamantane	164 C12H20	024145-88-8	87
4	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164 C12H20	1000150-39-4	72
5	1-Methyl-3-ethyladamantane	178 C13H22	001687-34-9	64



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Bromoadamantane	15.29	17.9	ug/l	455146	4	14.52	1268840	50.0
Adamantane, 1,3-d...	15.40	10.8	ug/l	273013	4	14.52	1268840	50.0
Cyclohexene, 2-et...	15.82	7.9	ug/l	200294	4	14.52	1268840	50.0
1,4-Dimethyladama...	15.88	5.8	ug/l	147926	4	14.52	1268840	50.0