

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073119\
 Data File : VD063280.D
 Acq On : 31 Jul 2019 15:48
 Operator : VA/AP
 Sample : K4107-04
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T-2A

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\82D072919S.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	1.474	3	5	20	rVB	390375	1075079	100.00%	13.965%
2	1.759	29	34	35	rBV2	12653	25777	2.40%	0.335%
3	1.818	38	40	43	rVV2	10514	23602	2.20%	0.307%
4	1.868	43	45	48	rVV2	6438	11492	1.07%	0.149%
5	1.946	51	53	58	rVB2	9525	21227	1.97%	0.276%
6	2.951	152	155	157	rVV2	6892	12374	1.15%	0.161%
7	3.206	176	181	198	rVB	341787	982641	91.40%	12.764%
8	3.453	201	206	212	rVB3	11137	32541	3.03%	0.423%
9	3.837	243	245	250	rVB	5463	10974	1.02%	0.143%
10	6.061	461	471	477	rBV	67369	220082	20.47%	2.859%
11	6.150	477	480	485	rVB3	15556	44317	4.12%	0.576%
12	6.918	550	558	565	rVV	126923	353135	32.85%	4.587%
13	7.036	565	570	579	rVB	212019	583843	54.31%	7.584%
14	7.449	601	612	620	rBV2	97403	284076	26.42%	3.690%
15	8.207	683	689	702	rBV	240470	626514	58.28%	8.138%
16	8.877	752	757	764	rBV	34460	88772	8.26%	1.153%
17	10.403	907	912	918	rVV	256077	573148	53.31%	7.445%
18	10.501	918	922	929	rVB	98718	221389	20.59%	2.876%
19	11.230	990	996	1000	rBV2	7913	22706	2.11%	0.295%
20	11.535	1022	1027	1032	rBV2	8260	17545	1.63%	0.228%
21	11.869	1058	1061	1066	rVB	6968	13201	1.23%	0.171%
22	12.362	1107	1111	1115	rBV	435288	687711	63.97%	8.933%
23	12.519	1124	1127	1130	rVB	22960	34907	3.25%	0.453%
24	13.189	1193	1195	1200	rBV	14957	17628	1.64%	0.229%
25	13.386	1211	1215	1219	rBV	62037	88773	8.26%	1.153%
26	13.553	1228	1232	1236	rBV	329501	461315	42.91%	5.992%
27	13.641	1238	1241	1245	rBV2	12484	22886	2.13%	0.297%
28	13.701	1245	1247	1251	rVB	28126	36478	3.39%	0.474%
29	14.449	1320	1323	1324	rBV	43552	48498	4.51%	0.630%
30	14.488	1324	1327	1328	rVV	195435	328384	30.55%	4.266%
31	14.508	1328	1329	1333	rVV	500519	582029	54.14%	7.560%
32	14.606	1335	1339	1342	rBV	75413	97217	9.04%	1.263%
33	15.197	1394	1399	1401	rBV	7982	12422	1.16%	0.161%
34	15.886	1466	1469	1472	rBV2	28680	35823	3.33%	0.465%

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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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Title : SW846 8260

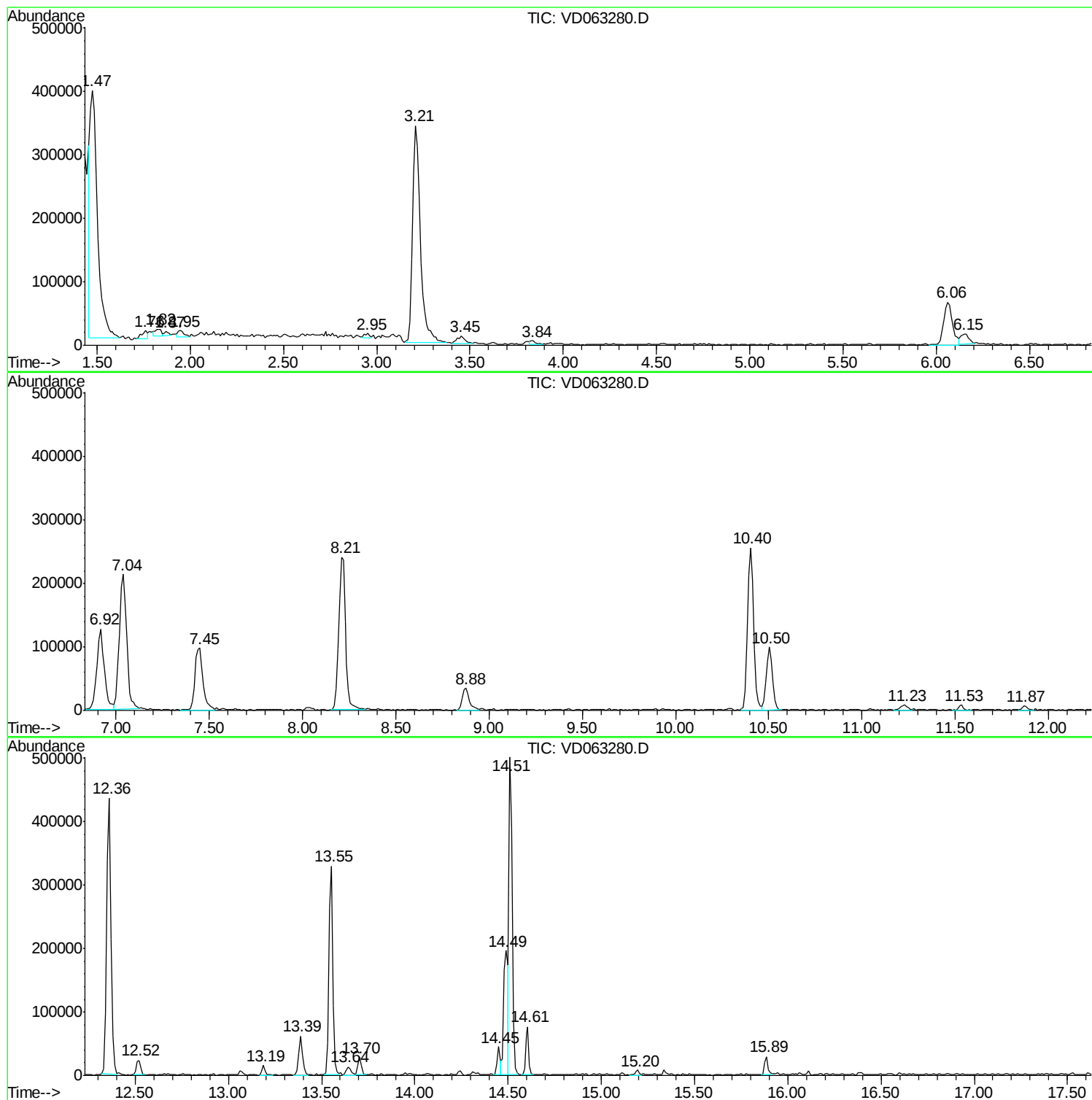
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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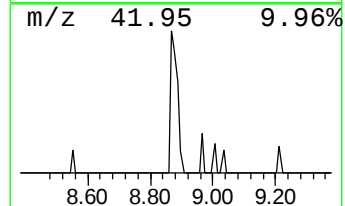
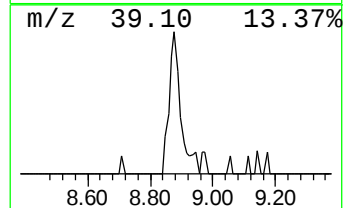
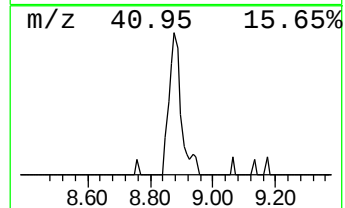
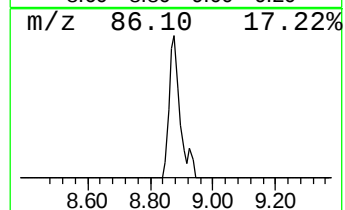
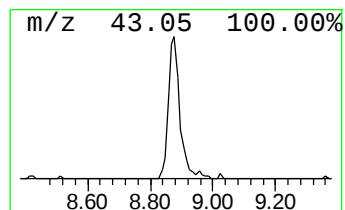
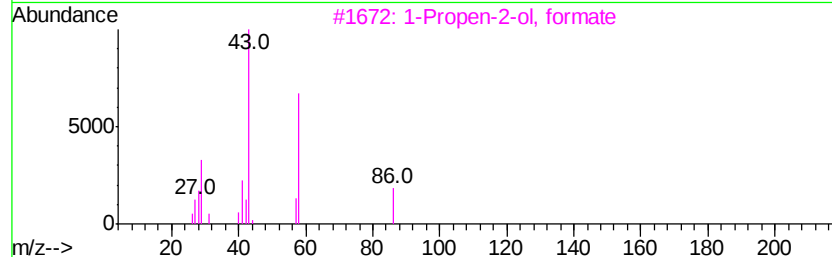
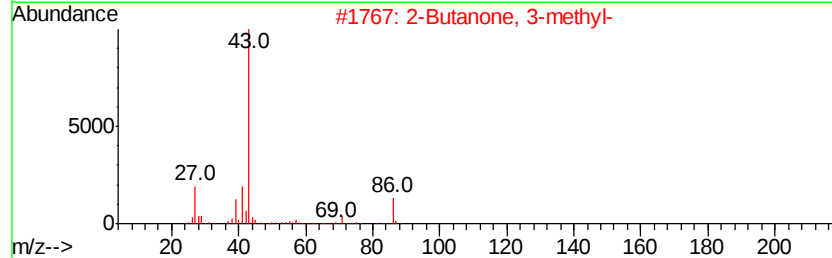
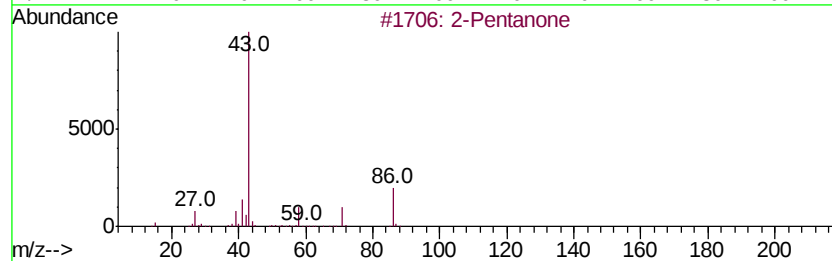
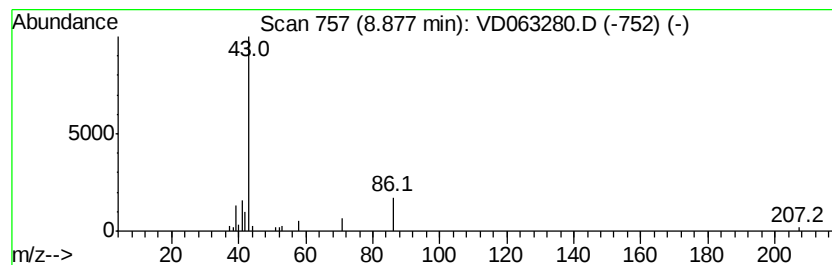
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown8.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.88	7.08 ug/l	88772	1,4-Difluorobenzene	8.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	38
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	9
3	1-Propen-2-ol, formate	86	C4H6O2	032978-00-0	9
4	2,3-Butanedione	86	C4H6O2	000431-03-8	7
5	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	7



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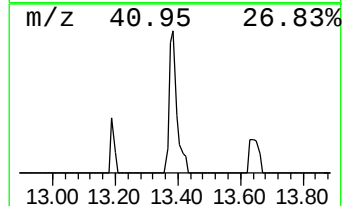
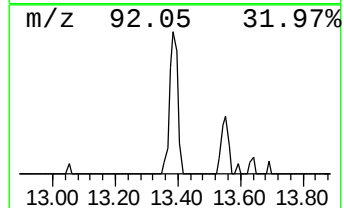
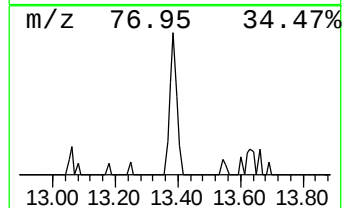
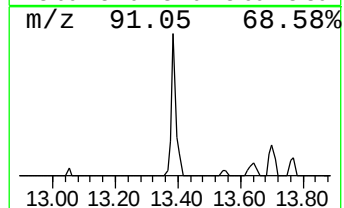
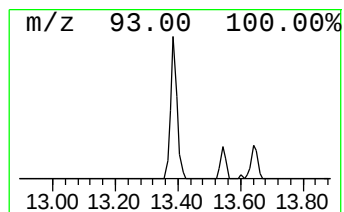
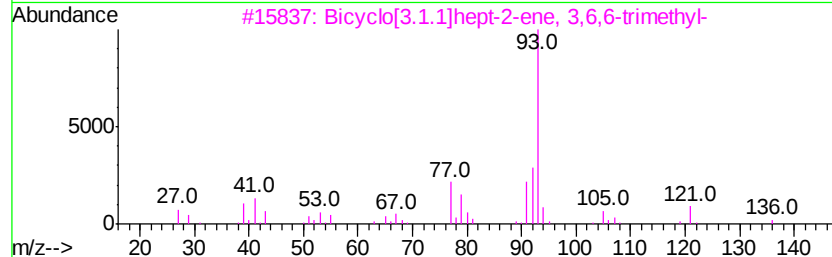
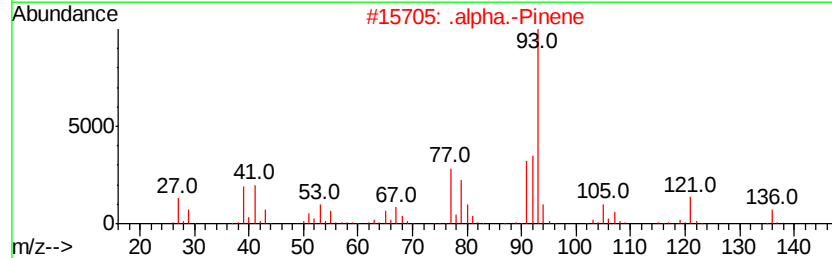
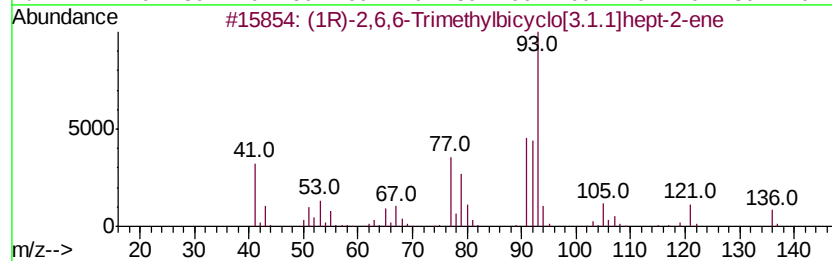
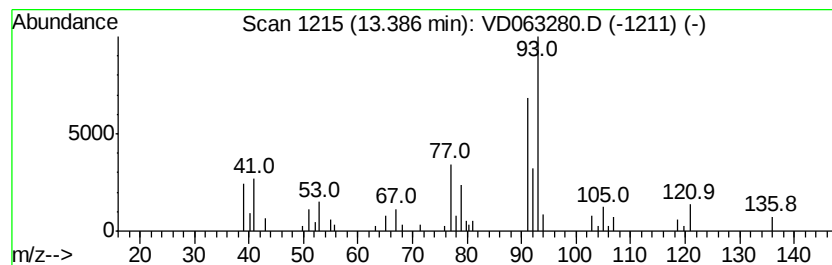
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Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	6.45 ug/l	88773	Chlorobenzene-d5	12.36

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	94
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5		1,3,6-Octatriene, 3,7-dimethyl-, (1R)-	136	C10H16	003338-55-4	91



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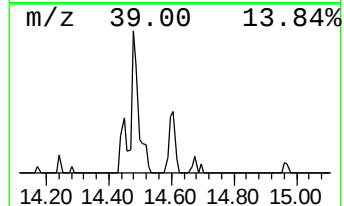
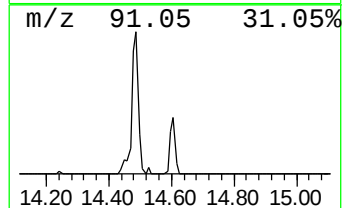
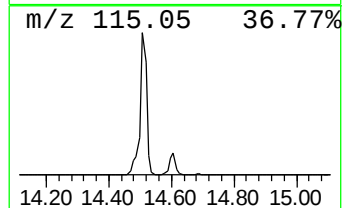
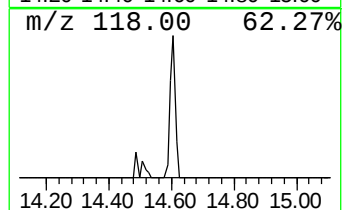
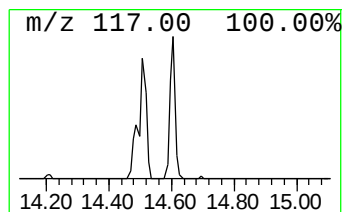
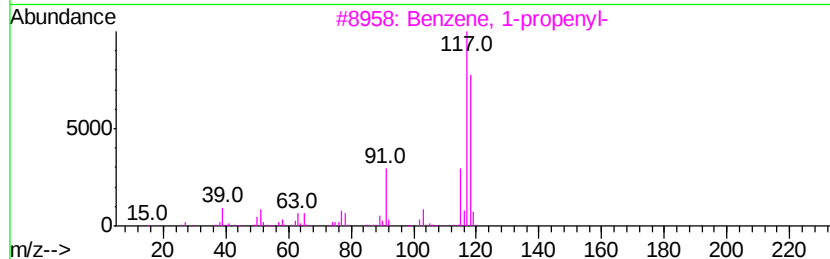
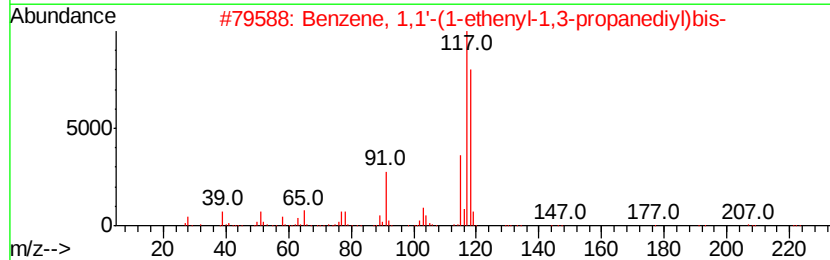
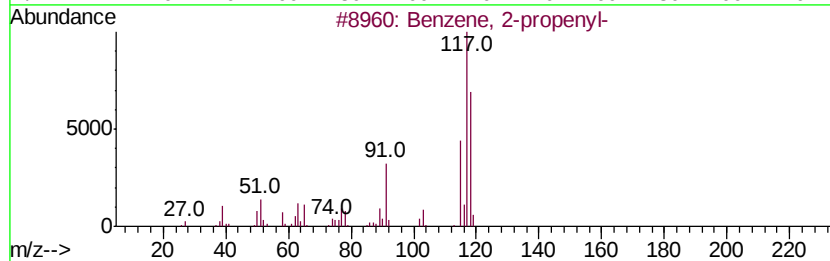
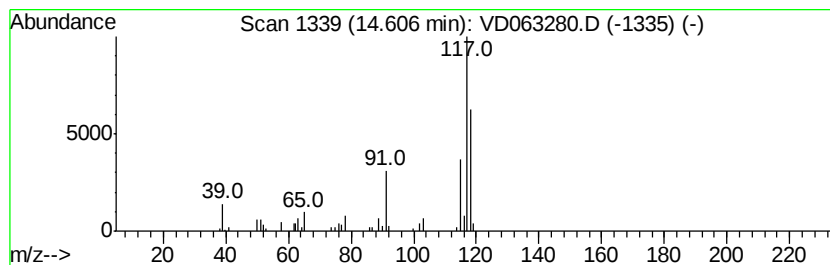
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Peak Number 4 Benzene, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	8.35 ug/l	97217	1,4-Dichlorobenzene-d4	14.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
2		Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	83
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	81
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5		Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown8.88	8.88	7.1	ug/l	88772	2	8.22	626514	50.0
(1R)-2,6,6-Trimet...	13.39	6.5	ug/l	88773	3	12.36	687711	50.0
Benzene, 2-propenyl-	14.61	8.3	ug/l	97217	4	14.51	582029	50.0