

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061311.D
 Acq On : 9 Jan 2019 20:01
 Operator : VA/AP
 Sample : K1008-01
 Misc : 6.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HD-02-010819

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_F\METHODS\82F010819S.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	1.091	41	47	51	rBV4	8883	29023	2.88%	0.415%
2	1.900	126	129	134	rBV3	6610	12861	1.28%	0.184%
3	2.186	155	158	161	rBV3	14492	31262	3.11%	0.447%
4	2.255	161	165	171	rVB3	15971	45883	4.56%	0.656%
5	2.383	176	178	184	rVB3	4461	11923	1.18%	0.170%
6	3.044	243	245	250	rVB	8327	12474	1.24%	0.178%
7	4.129	347	355	366	rVV	156071	491757	48.85%	7.031%
8	4.879	423	431	441	rBV2	286406	1006617	100.00%	14.393%
9	5.609	499	505	517	rBV	289863	822955	81.75%	11.767%
10	7.049	645	651	653	rBV2	7498	24077	2.39%	0.344%
11	7.286	669	675	683	rBV	43652	116479	11.57%	1.665%
12	7.572	698	704	708	rBV	362652	843749	83.82%	12.064%
13	7.641	708	711	719	rVV	46659	116919	11.62%	1.672%
14	7.769	721	724	731	rVB5	4726	13066	1.30%	0.187%
15	8.400	783	788	791	rBV4	4141	13123	1.30%	0.188%
16	8.469	791	795	801	rVB4	10369	23821	2.37%	0.341%
17	8.637	807	812	816	rBV3	7421	17948	1.78%	0.257%
18	8.982	838	847	850	rBV5	3548	11687	1.16%	0.167%
19	9.791	923	929	937	rBV	370815	826438	82.10%	11.817%
20	9.909	939	941	945	rVV3	5901	12395	1.23%	0.177%
21	11.419	1090	1094	1107	rBV	378290	682046	67.76%	9.752%
22	12.030	1150	1156	1160	rBV5	17827	36909	3.67%	0.528%
23	12.297	1180	1183	1186	rBV4	5241	11005	1.09%	0.157%
24	12.563	1206	1210	1214	rBV	460733	738062	73.32%	10.553%
25	12.612	1214	1215	1220	rVV	20489	30131	2.99%	0.431%
26	12.731	1223	1227	1230	rBV	39240	66214	6.58%	0.947%
27	12.780	1230	1232	1235	rVV3	7321	12391	1.23%	0.177%
28	12.839	1235	1238	1242	rVB4	10296	22432	2.23%	0.321%
29	13.017	1253	1256	1258	rBV2	7841	10261	1.02%	0.147%
30	13.106	1261	1265	1269	rBV3	6823	16260	1.62%	0.232%
31	13.165	1269	1271	1276	rBV4	11875	28680	2.85%	0.410%
32	13.234	1276	1278	1282	rVV2	13536	24356	2.42%	0.348%
33	13.549	1307	1310	1312	rVV	15293	19957	1.98%	0.285%
34	13.717	1324	1327	1330	rVB2	23114	31078	3.09%	0.444%

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35	13.865	1339	1342	1346	rBV2	56015	99517	9.89%	1.423%
36	13.924	1346	1348	1351	rVB3	8021	13746	1.37%	0.197%
37	13.983	1351	1354	1356	rBV	23461	34289	3.41%	0.490%
38	14.092	1363	1365	1368	rVV2	11935	16444	1.63%	0.235%
39	14.161	1368	1372	1375	rVV5	15533	35936	3.57%	0.514%
40	14.230	1375	1379	1384	rVB3	14932	36945	3.67%	0.528%
41	14.417	1395	1398	1399	rBV2	10635	14767	1.47%	0.211%
42	14.467	1400	1403	1406	rVB	33377	48626	4.83%	0.695%
43	14.605	1415	1417	1422	rVB3	15058	20284	2.02%	0.290%
44	14.753	1429	1432	1436	rVB	38553	56357	5.60%	0.806%
45	14.891	1442	1446	1452	rVV4	8686	22632	2.25%	0.324%
46	15.009	1455	1458	1461	rBV3	18686	27940	2.78%	0.400%
47	15.128	1466	1470	1472	rBV3	12159	24046	2.39%	0.344%
48	15.295	1484	1487	1490	rVV	29364	48233	4.79%	0.690%
49	15.355	1490	1493	1496	rVV3	5606	13132	1.30%	0.188%
50	15.424	1496	1500	1509	rVB	130549	232592	23.11%	3.326%
51	15.660	1521	1524	1529	rVB5	6414	12945	1.29%	0.185%
52	16.015	1556	1560	1565	rVB3	9446	21049	2.09%	0.301%

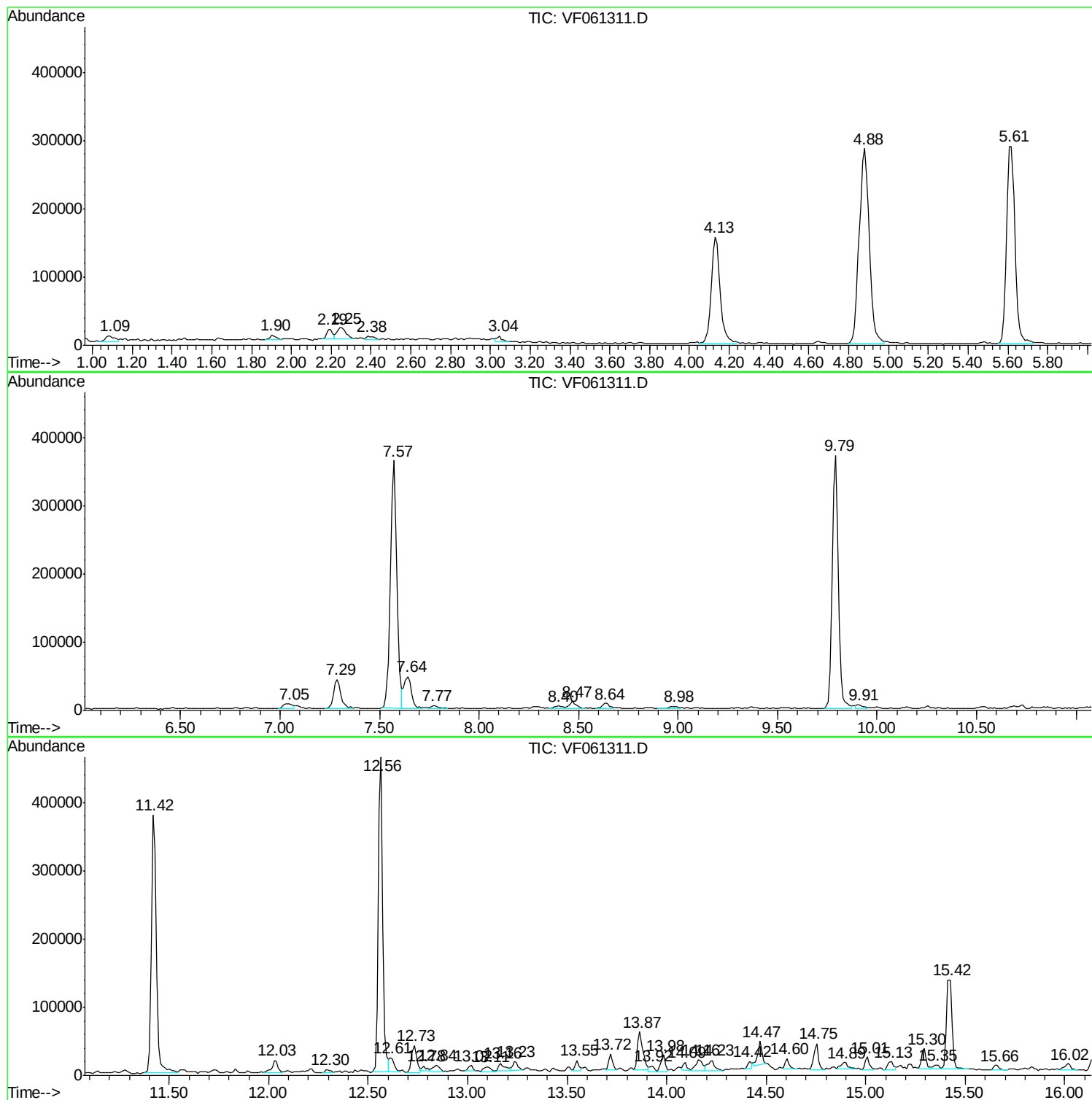
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260

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



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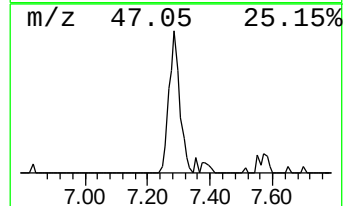
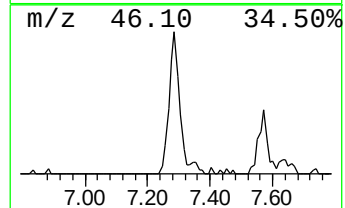
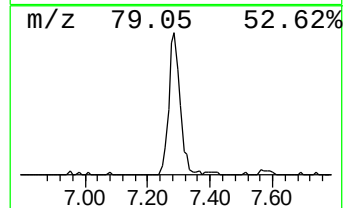
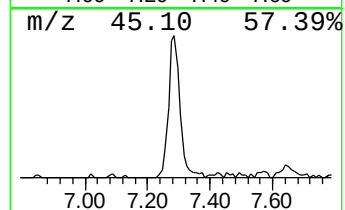
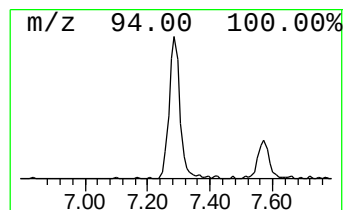
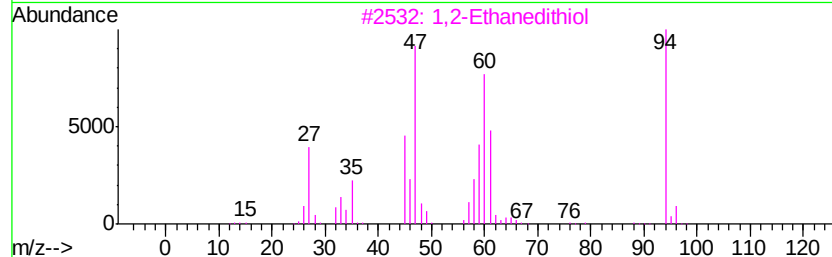
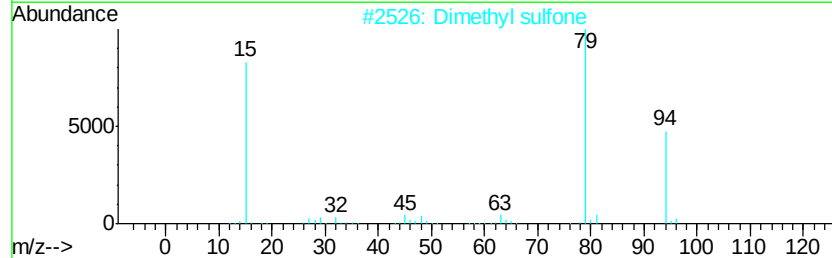
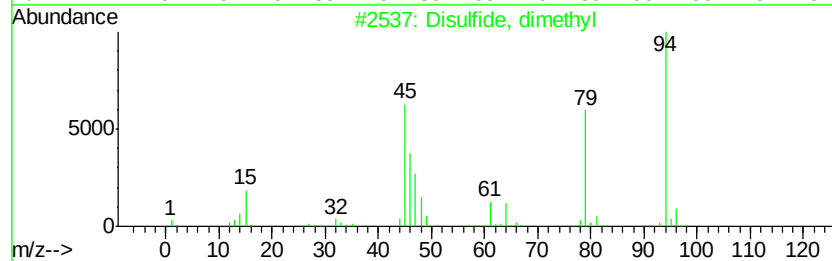
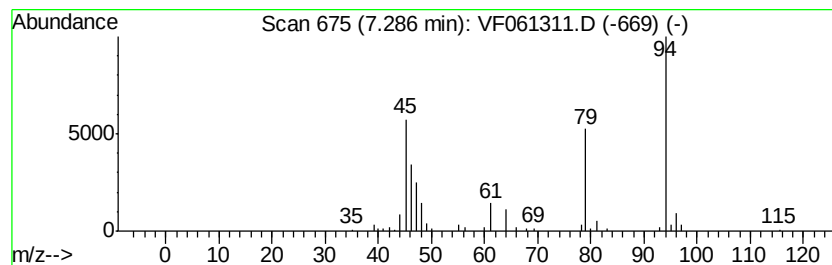
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Quant Title : SW846 8260

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

Peak Number 1 Disulfide, dimethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	7.08 ug/l	116479	1,4-Difluorobenzene	5.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	96
2		Dimethyl sulfone	94	C2H6O2S	000067-71-0	43
3		1,2-Ethanedithiol	94	C2H6S2	000540-63-6	37
4		Methanesulfonylacetic acid	138	C3H6O4S	002516-97-4	23
5		Ethyne, dichloro-	94	C2Cl2	007572-29-4	17



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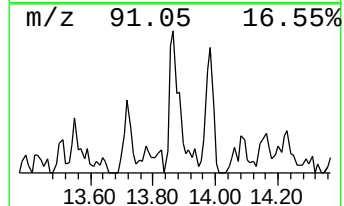
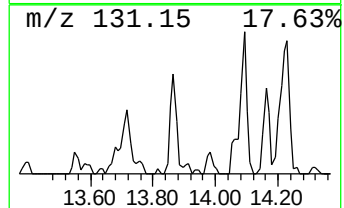
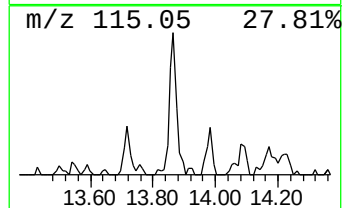
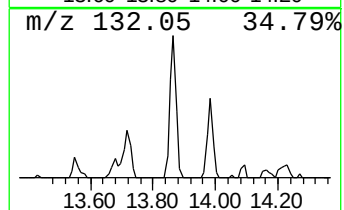
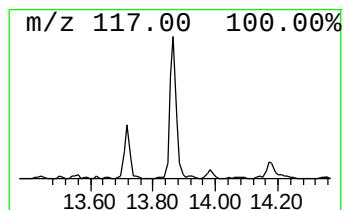
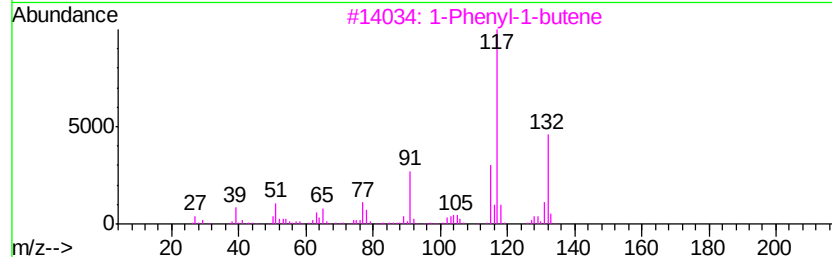
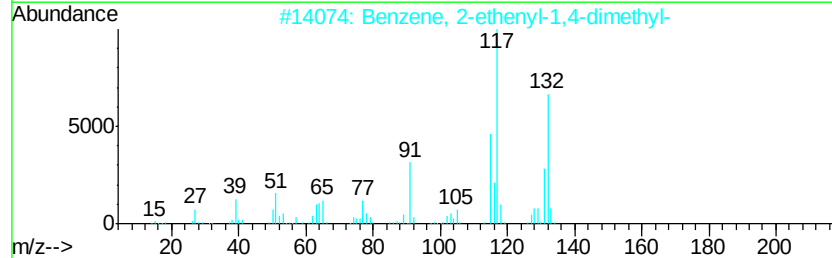
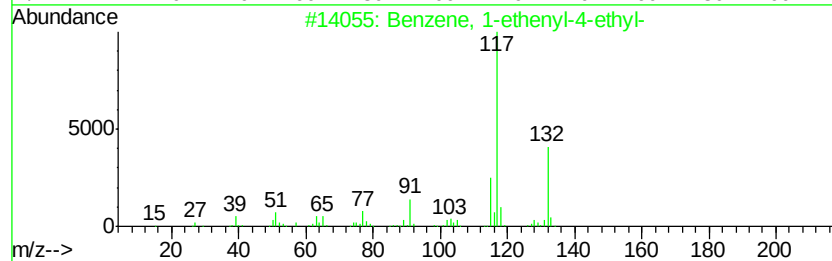
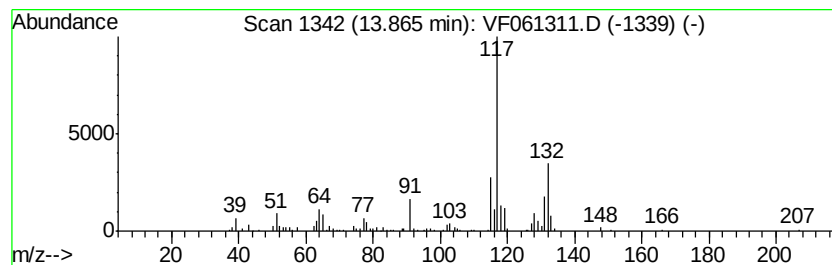
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Peak Number 2 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.74 ug/l	99517	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4		Indan, 1-methyl-	132	C10H12	000767-58-8	81
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	81



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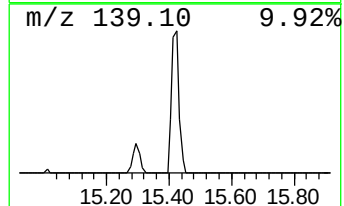
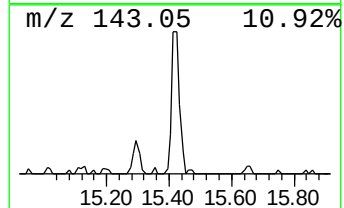
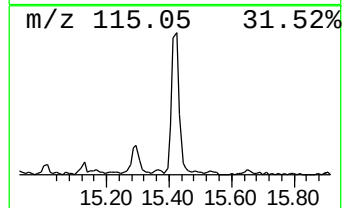
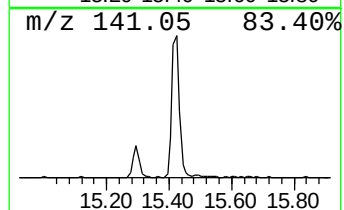
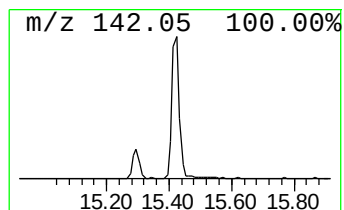
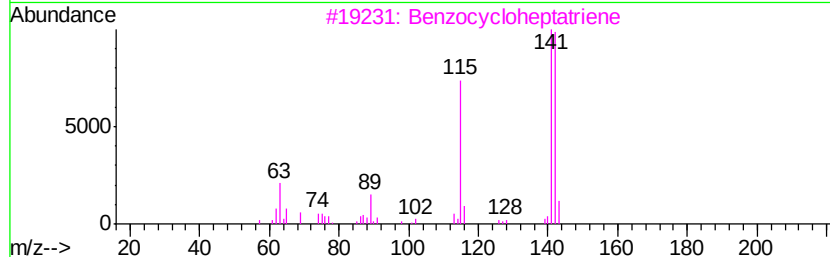
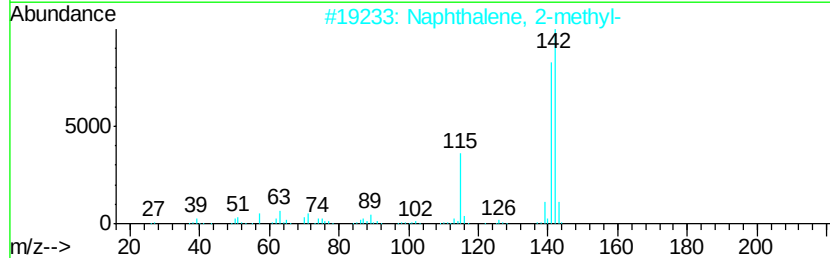
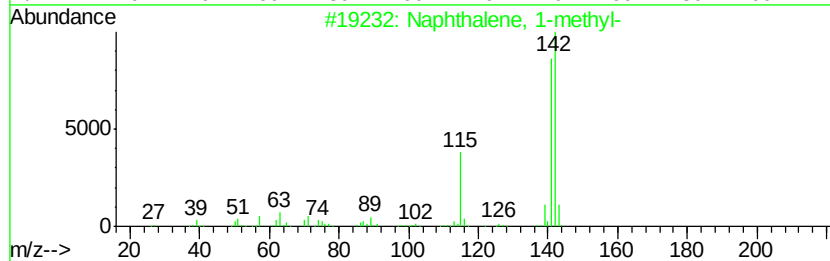
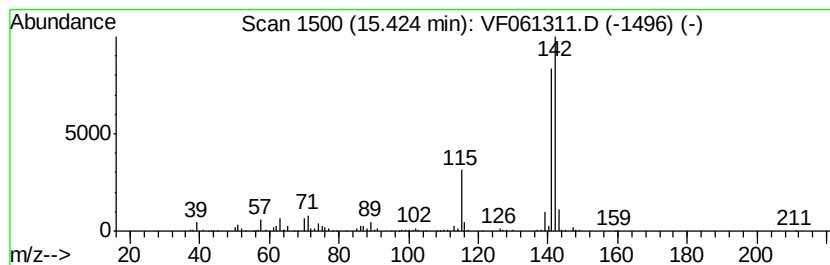
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	15.76 ug/l	232592	1,4-Dichlorobenzene-d4	12.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	83
5		Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Disulfide, dimethyl	7.29	7.1	ug/l	116479	2	5.62	822955	50.0
Benzene, 1-etheny...	13.87	6.7	ug/l	99517	4	12.56	738062	50.0
Naphthalene, 1-me...	15.42	15.8	ug/l	232592	4	12.56	738062	50.0