

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010422.D
 Acq On : 22 Apr 2019 19:51
 Operator : SY/MD
 Sample : K2456-08RE
 Misc : 5.09G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHP6RE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % 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_V\METHOD\SOM2VLM042219S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.209	33	37	50	rVB2	38041	40527	5.96%	0.723%
2	1.319	67	71	85	rVB	91936	91712	13.48%	1.637%
3	1.579	146	152	167	rVB	71527	87242	12.82%	1.557%
4	2.129	314	323	335	rBV	176108	243569	35.80%	4.347%
5	2.537	440	450	465	rBV	42905	73792	10.85%	1.317%
6	2.608	470	472	476	rBV2	524	312	0.05%	0.006%
7	2.759	516	519	522	rVB3	767	421	0.06%	0.008%
8	2.804	530	533	535	rBV	646	364	0.05%	0.006%
9	2.817	535	537	543	rVV2	418	424	0.06%	0.008%
10	2.904	562	564	570	rVB3	350	226	0.03%	0.004%
11	2.958	579	581	584	rBV	286	200	0.03%	0.004%
12	3.077	604	618	634	rBV3	10504	22609	3.32%	0.404%
13	3.238	664	668	671	rVB	555	408	0.06%	0.007%
14	3.254	671	673	675	rBV2	369	185	0.03%	0.003%
15	3.351	701	703	707	rBV2	337	189	0.03%	0.003%
16	3.438	728	730	732	rVB	443	174	0.03%	0.003%
17	3.489	744	746	749	rVB	478	235	0.03%	0.004%
18	3.537	758	761	763	rBV2	411	308	0.05%	0.005%
19	3.582	771	775	776	rBV	474	393	0.06%	0.007%
20	3.692	807	809	810	rBV	299	119	0.02%	0.002%
21	3.769	831	833	836	rBV	419	177	0.03%	0.003%
22	3.939	873	886	906	rBV	22488	57781	8.49%	1.031%
23	4.228	972	976	977	rBV2	518	318	0.05%	0.006%
24	4.267	985	988	990	rBV2	531	252	0.04%	0.004%
25	4.315	1001	1003	1008	rVB2	625	336	0.05%	0.006%
26	4.344	1008	1012	1013	rBV2	777	398	0.06%	0.007%
27	4.402	1014	1030	1053	rVV2	114563	293544	43.15%	5.239%
28	4.582	1085	1086	1088	rBV	361	158	0.02%	0.003%
29	4.637	1101	1103	1106	rBV	340	284	0.04%	0.005%
30	4.701	1117	1123	1125	rBV4	955	1048	0.15%	0.019%
31	4.765	1141	1143	1150	rVB3	1027	740	0.11%	0.013%
32	4.810	1153	1157	1160	rBV2	652	612	0.09%	0.011%
33	4.836	1163	1165	1167	rVB	368	153	0.02%	0.003%
34	4.865	1168	1174	1176	rBV2	517	562	0.08%	0.010%

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35	4.907	1183	1187	1189	rBV3	398	285	0.04%	0.005%
36	4.958	1201	1203	1205	rBV3	284	145	0.02%	0.003%
37	4.991	1211	1213	1214	rBV	277	109	0.02%	0.002%
38	5.097	1228	1246	1267	rBV3	260102	651887	95.82%	11.635%
39	5.476	1362	1364	1367	rBV2	260	183	0.03%	0.003%
40	5.489	1367	1368	1370	rBV	419	137	0.02%	0.002%
41	5.663	1409	1422	1451	rBV	270962	556793	81.84%	9.937%
42	5.949	1503	1511	1516	rBV5	2963	4580	0.67%	0.082%
43	6.119	1550	1564	1584	rBV	146033	305054	44.84%	5.444%
44	6.302	1617	1621	1622	rBV2	595	402	0.06%	0.007%
45	6.373	1641	1643	1646	rVB2	624	276	0.04%	0.005%
46	6.466	1669	1672	1675	rVB2	736	513	0.08%	0.009%
47	6.498	1680	1682	1685	rBV	528	237	0.03%	0.004%
48	6.624	1717	1721	1723	rBV	677	517	0.08%	0.009%
49	6.679	1736	1738	1739	rBV	1013	414	0.06%	0.007%
50	6.823	1775	1783	1795	rVB4	3382	6101	0.90%	0.109%
51	7.032	1836	1848	1860	rBV2	75281	138120	20.30%	2.465%
52	7.177	1890	1893	1896	rBV3	515	414	0.06%	0.007%
53	7.215	1902	1905	1906	rBV2	691	356	0.05%	0.006%
54	7.244	1912	1914	1916	rVB	403	176	0.03%	0.003%
55	7.261	1916	1919	1921	rBV2	491	311	0.05%	0.006%
56	7.360	1938	1950	1968	rBV	300262	549905	80.83%	9.814%
57	7.666	2034	2045	2060	rBV	49142	84484	12.42%	1.508%
58	7.817	2090	2092	2095	rBV2	594	460	0.07%	0.008%
59	8.087	2172	2176	2179	rBV3	615	476	0.07%	0.008%
60	8.132	2180	2190	2207	rBV2	70673	128441	18.88%	2.292%
61	8.396	2269	2272	2275	rBV2	599	388	0.06%	0.007%
62	8.473	2294	2296	2298	rBV	496	221	0.03%	0.004%
63	8.598	2333	2335	2338	rVB2	388	196	0.03%	0.003%
64	8.752	2382	2383	2384	rBV	446	108	0.02%	0.002%
65	8.897	2416	2428	2453	rBV	390516	680342	100.00%	12.142%
66	9.055	2472	2477	2479	rBV4	1453	1391	0.20%	0.025%
67	9.103	2489	2492	2497	rVB4	815	714	0.10%	0.013%
68	9.180	2509	2516	2518	rBV4	2167	2132	0.31%	0.038%
69	9.267	2540	2543	2546	rBV2	786	471	0.07%	0.008%
70	9.283	2546	2548	2550	rBV	568	241	0.04%	0.004%
71	9.325	2558	2561	2564	rBV2	379	279	0.04%	0.005%

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72	9.376	2574	2577	2580	rBV3	521	357	0.05%	0.006%
73	9.402	2584	2585	2591	rVB	392	226	0.03%	0.004%
74	9.431	2591	2594	2598	rBV	387	330	0.05%	0.006%
75	9.460	2598	2603	2606	rBV2	528	526	0.08%	0.009%
76	9.576	2638	2639	2642	rBV2	697	359	0.05%	0.006%
77	9.598	2642	2646	2649	rVV	937	758	0.11%	0.014%
78	9.740	2686	2690	2694	rVB	348	263	0.04%	0.005%
79	9.765	2694	2698	2700	rBV	377	296	0.04%	0.005%
80	9.797	2706	2708	2711	rBV	352	204	0.03%	0.004%
81	10.006	2770	2773	2778	rBV3	588	393	0.06%	0.007%
82	10.080	2794	2796	2797	rBV	461	181	0.03%	0.003%
83	10.180	2825	2827	2828	rBV	392	120	0.02%	0.002%
84	10.260	2840	2852	2874	rBV2	137553	221358	32.54%	3.951%
85	10.424	2895	2903	2918	rVB3	9241	15227	2.24%	0.272%
86	10.669	2976	2979	2983	rBV2	472	300	0.04%	0.005%
87	10.775	3009	3012	3015	rBV2	818	635	0.09%	0.011%
88	10.846	3031	3034	3039	rVB2	723	681	0.10%	0.012%
89	10.916	3053	3056	3058	rBV2	412	215	0.03%	0.004%
90	10.958	3061	3069	3080	rBV9	2911	5862	0.86%	0.105%
91	11.296	3162	3174	3191	rBV	360384	622233	91.46%	11.105%
92	11.543	3249	3251	3257	rVB3	528	398	0.06%	0.007%
93	11.672	3280	3291	3307	rBV	314999	520598	76.52%	9.291%
94	12.013	3395	3397	3399	rBV	668	315	0.05%	0.006%
95	12.772	3629	3633	3635	rBV	658	502	0.07%	0.009%
96	13.100	3732	3735	3737	rBV3	2054	1281	0.19%	0.023%
97	13.145	3746	3749	3753	rBV2	965	732	0.11%	0.013%
98	13.553	3867	3876	3895	rVB	66478	105349	15.48%	1.880%
99	13.794	3943	3951	3961	rBV3	10763	16048	2.36%	0.286%
100	14.685	4220	4228	4242	rVB2	30280	50208	7.38%	0.896%

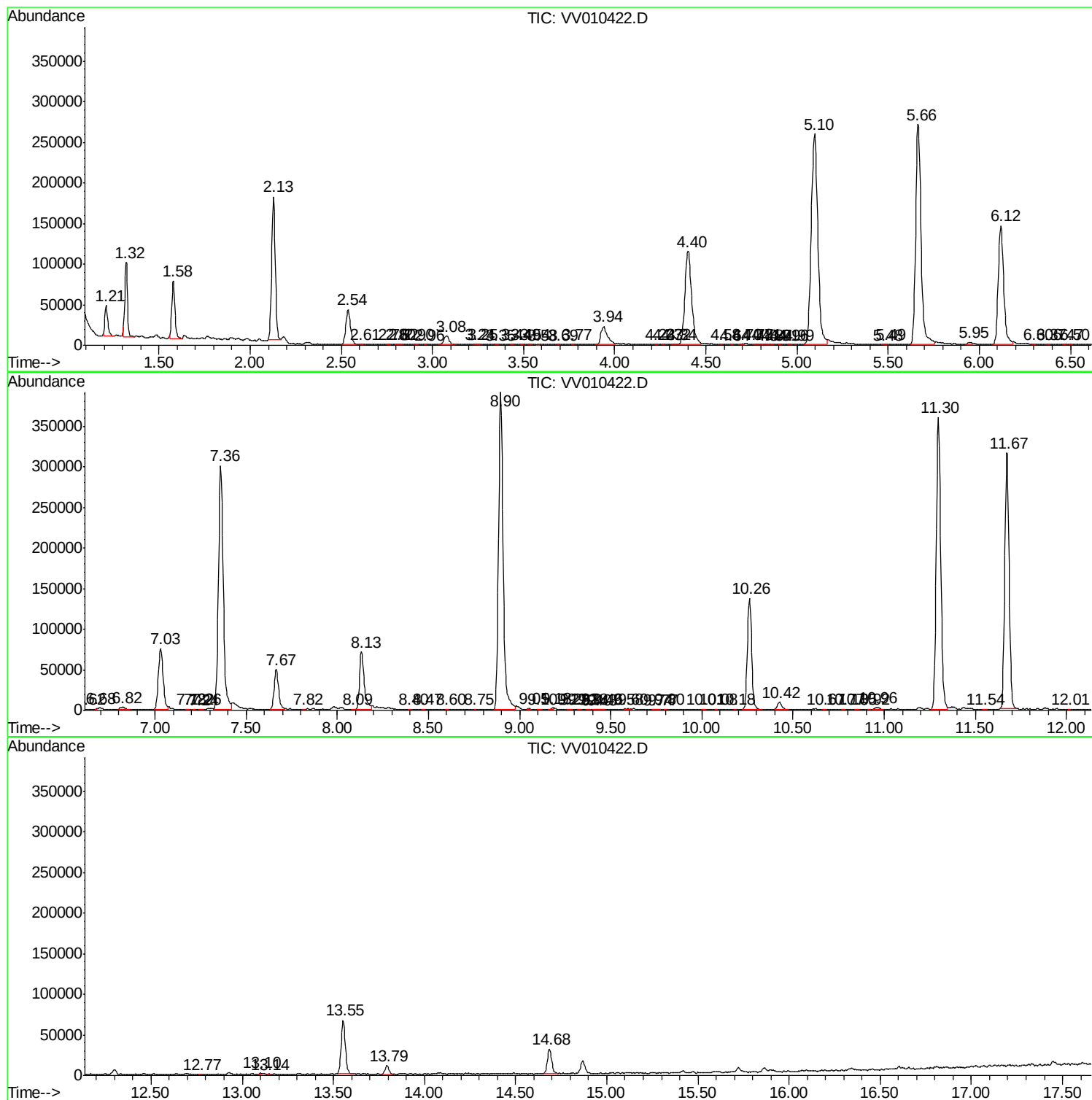
Sum of corrected areas: 5602986

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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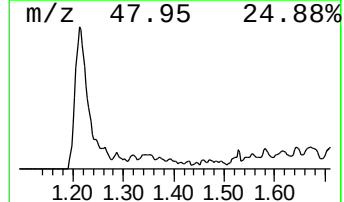
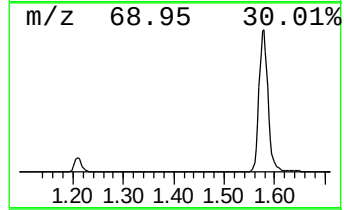
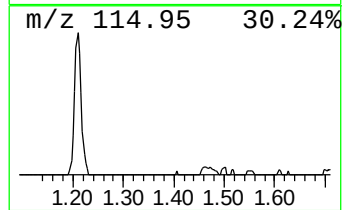
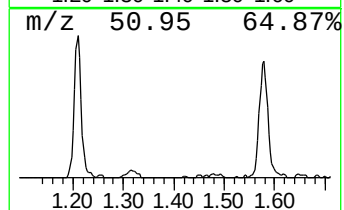
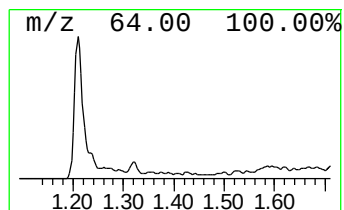
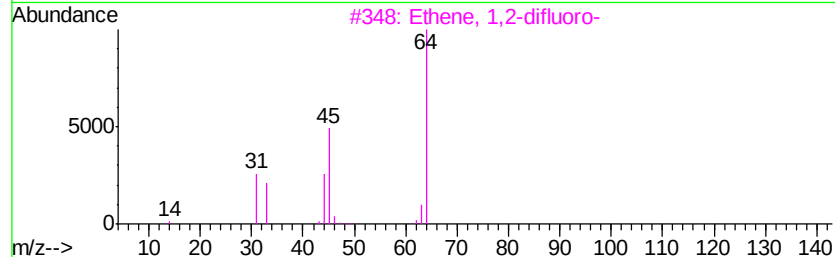
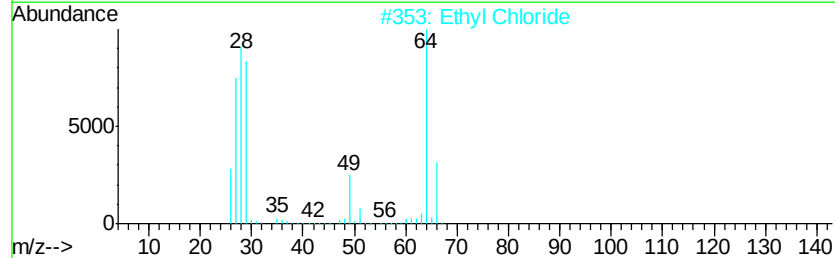
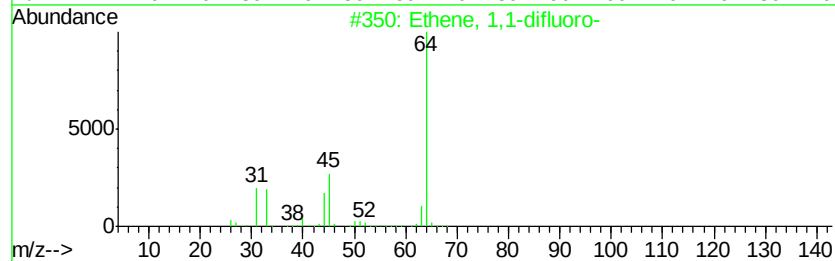
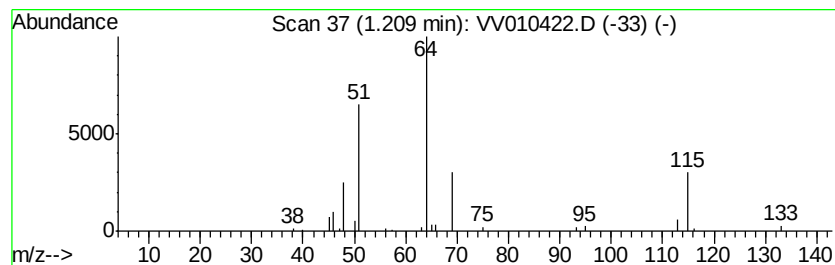
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethene, 1,1-difluoro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	1.82 ug/L	40527	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
2		Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	4
4		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5		Tetrafluoroformamide	116	CF4N2	014362-70-0	4



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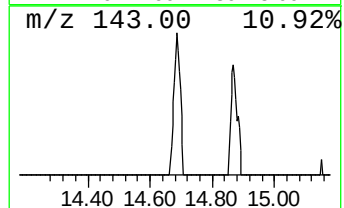
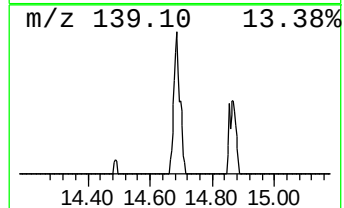
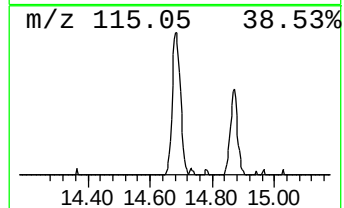
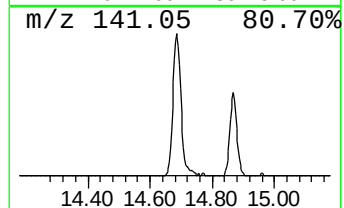
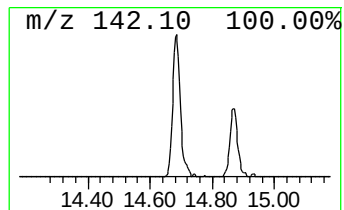
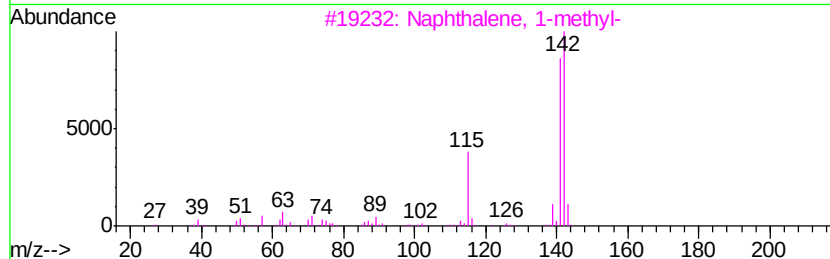
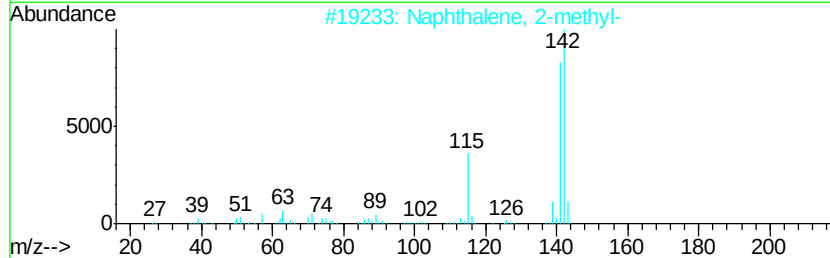
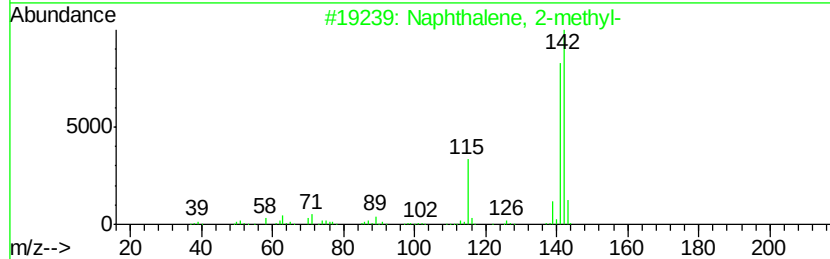
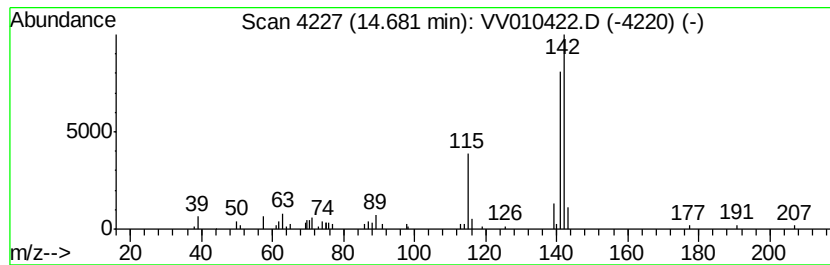
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	2.02 ug/L	50208	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethene, 1,1-diflu...	1.21	1.8	ug/L	40527	1	5.67	556793	25.0
Naphthalene, 1-me...	14.68	2.0	ug/L	50208	3	11.30	622233	25.0