

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
 Data File : VL033364.D
 Acq On : 18 Mar 2019 18:45
 Operator : SY/AP
 Sample : K1827-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-8

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 3
 Start Thrs: 0.001
 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: 0

Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.988	8	16	21	rBV	190483	254850	4.08%	0.637%
2	3.014	21	24	29	rVV2	129635	140302	2.25%	0.350%
3	3.049	29	35	41	rVV2	182772	254119	4.07%	0.635%
4	3.168	60	72	84	rVB5	40411	74220	1.19%	0.185%
5	3.236	84	93	102	rBV2	389450	495276	7.93%	1.237%
6	3.394	132	142	153	rVB	427763	547420	8.77%	1.367%
7	3.654	210	223	248	rBV	1869230	3720589	59.59%	9.293%
8	3.898	289	299	317	rBV	663546	1120806	17.95%	2.799%
9	4.033	324	341	364	rBV	656614	1361641	21.81%	3.401%
10	4.188	380	389	399	rVV3	110577	162504	2.60%	0.406%
11	4.252	399	409	418	rVB4	124125	180087	2.88%	0.450%
12	4.374	437	447	449	rBV4	50375	65203	1.04%	0.163%
13	4.406	449	457	473	rVB	190649	326870	5.24%	0.816%
14	5.139	677	685	692	rBV4	47900	82303	1.32%	0.206%
15	5.188	692	700	710	rVB4	121751	204488	3.28%	0.511%
16	5.332	735	745	755	rBV2	90360	154219	2.47%	0.385%
17	5.458	777	784	792	rVB6	42836	72336	1.16%	0.181%
18	5.760	864	878	897	rBV4	1818476	3619238	57.97%	9.040%
19	7.001	1260	1264	1275	rVB4	47794	71884	1.15%	0.180%
20	7.290	1339	1354	1368	rBV2	2236162	4186733	67.06%	10.457%
21	7.364	1368	1377	1392	rVB5	92362	190739	3.05%	0.476%
22	7.599	1435	1450	1461	rBV5	129496	274877	4.40%	0.687%
23	8.245	1637	1651	1663	rBV4	152569	299378	4.79%	0.748%
24	8.879	1836	1848	1858	rBV5	71824	169806	2.72%	0.424%
25	8.946	1858	1869	1885	rVB5	160614	350547	5.61%	0.876%
26	9.766	2114	2124	2126	rBV5	54727	74450	1.19%	0.186%
27	9.943	2162	2179	2196	rBV	2749628	5713255	91.50%	14.270%
28	10.560	2356	2371	2384	rBV5	111334	246301	3.94%	0.615%
29	10.766	2426	2435	2443	rVB5	38659	81177	1.30%	0.203%
30	11.104	2527	2540	2541	rBV2	85545	101712	1.63%	0.254%
31	11.110	2541	2542	2556	rVB2	89497	103057	1.65%	0.257%
32	12.236	2877	2892	2911	rBV	2788111	6054079	96.96%	15.121%
33	12.859	3076	3086	3087	rBV3	76123	89376	1.43%	0.223%
34	12.866	3087	3088	3103	rVB	79428	69741	1.12%	0.174%

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Stop Thrs : 0 Peak Location: TOP

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Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019

35	13.120	3155	3167	3168	rBV2	57689	79881	1.28%	0.200%
36	14.573	3602	3619	3644	rBV	2747498	6243663	100.00%	15.595%
37	15.477	3898	3900	3912	rVB6	55186	74784	1.20%	0.187%
38	17.120	4399	4411	4413	rBV3	83294	125663	2.01%	0.314%
39	17.129	4413	4414	4426	rVB4	81737	80334	1.29%	0.201%
40	17.268	4445	4457	4477	rBV6	63781	151780	2.43%	0.379%
41	18.110	4701	4719	4740	rBV5	730668	1803615	28.89%	4.505%
42	21.647	5802	5819	5820	rBV2	189398	307459	4.92%	0.768%
43	21.653	5820	5821	5837	rVB2	185334	256561	4.11%	0.641%

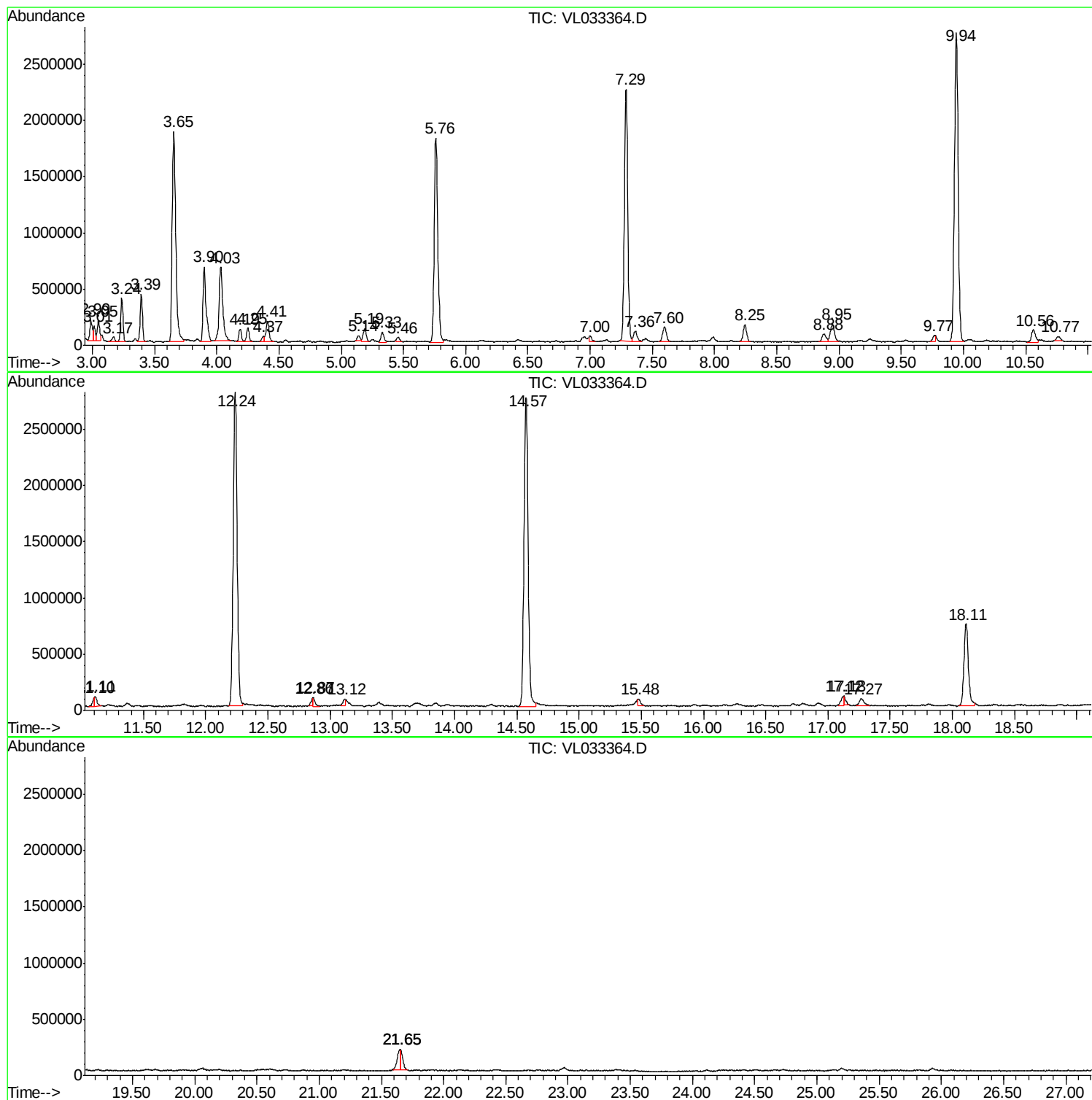
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019

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



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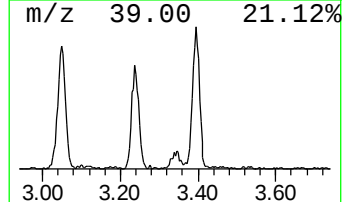
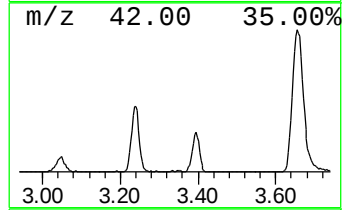
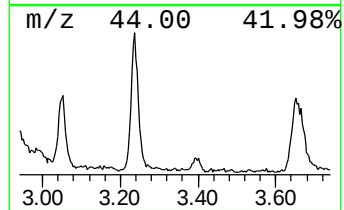
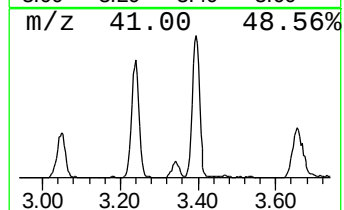
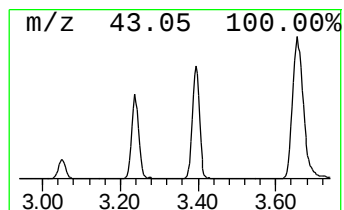
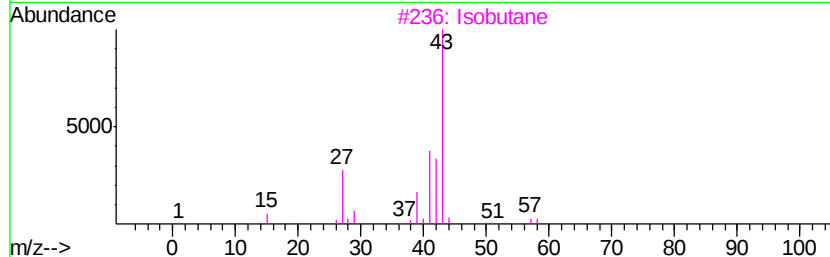
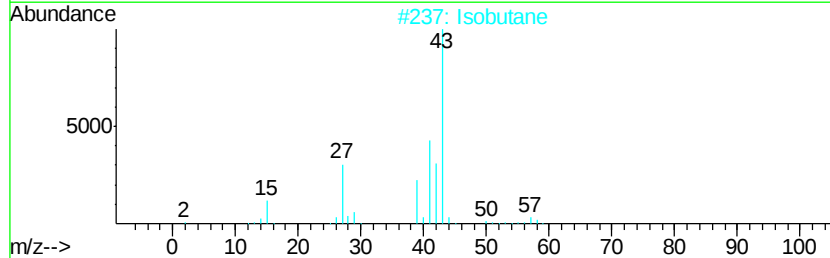
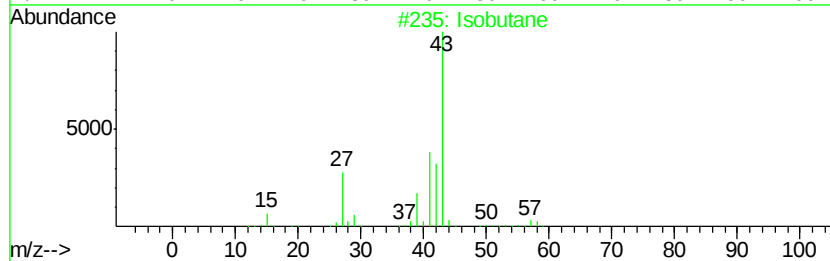
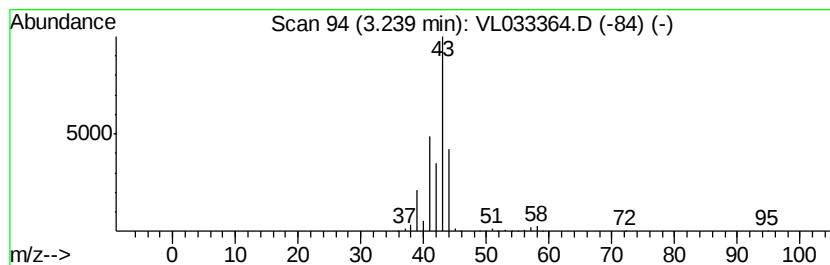
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
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TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown3.24 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	1.37 ppbv	495276	Bromochloromethane	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	43
2		Isobutane	58	C4H10	000075-28-5	43
3		Isobutane	58	C4H10	000075-28-5	37
4		Pyrimidine-2,4(1H,3H)-dione, 5-a...	156	C4H4N4O3	1000270-67-7	9
5		Isobutane	58	C4H10	000075-28-5	5



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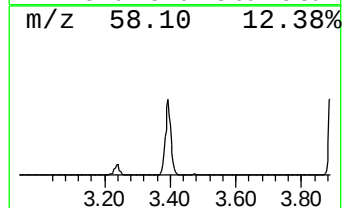
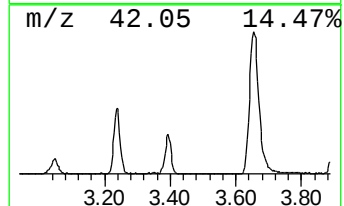
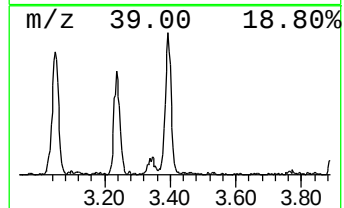
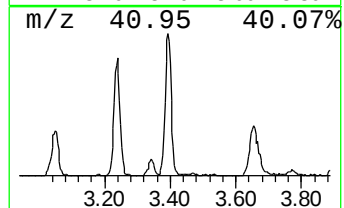
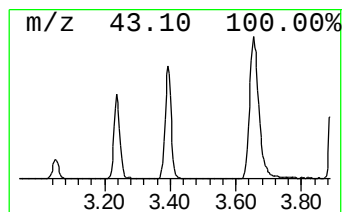
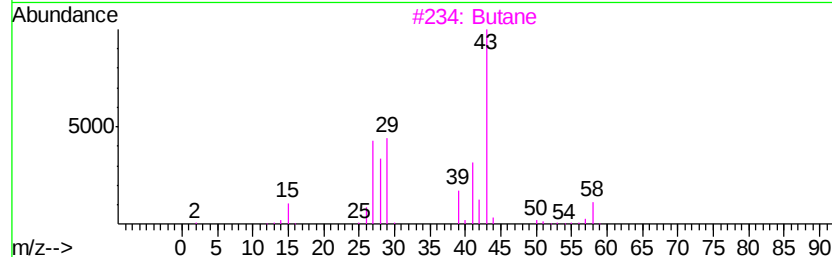
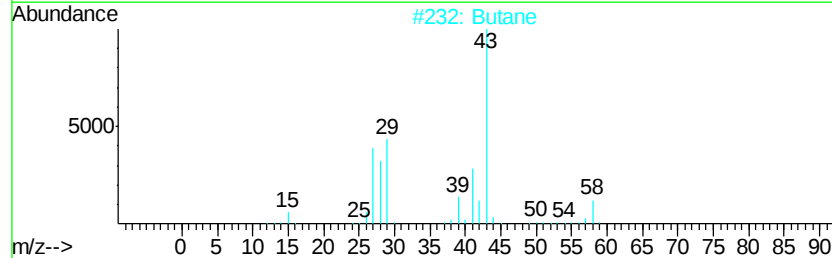
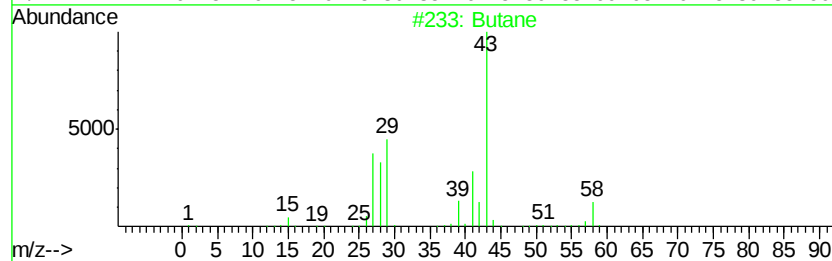
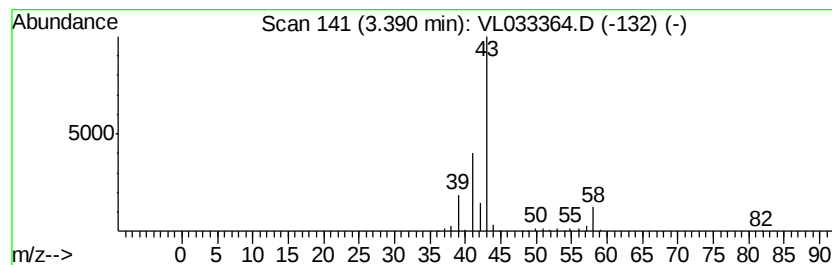
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Peak Number 2 Butane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.51 ppbv	547420	Bromochloromethane	5.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane		58	C4H10	000106-97-8	59
2	Butane		58	C4H10	000106-97-8	59
3	Butane		58	C4H10	000106-97-8	49
4	Isobutane		58	C4H10	000075-28-5	9
5	Propane, 1-nitro-		89	C3H7NO2	000108-03-2	9



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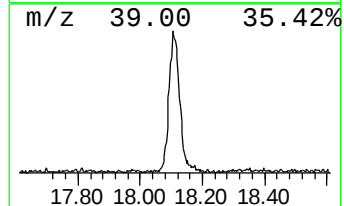
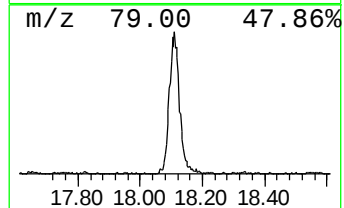
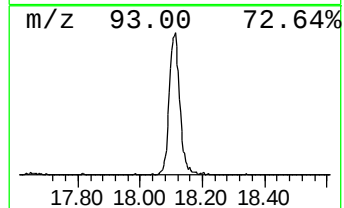
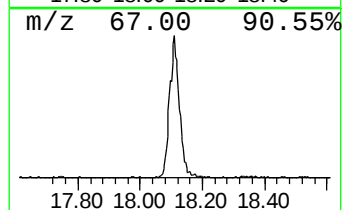
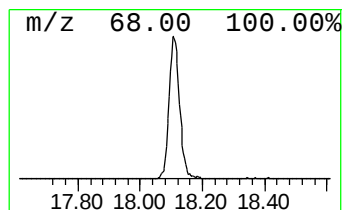
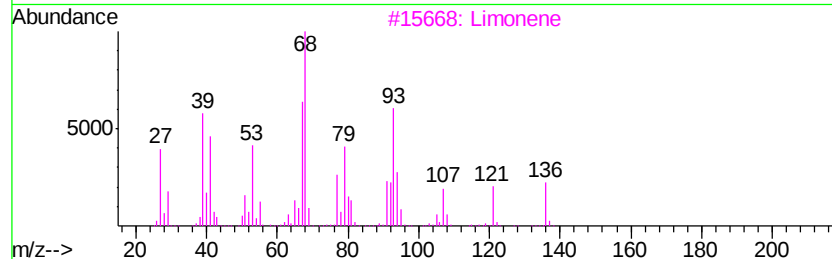
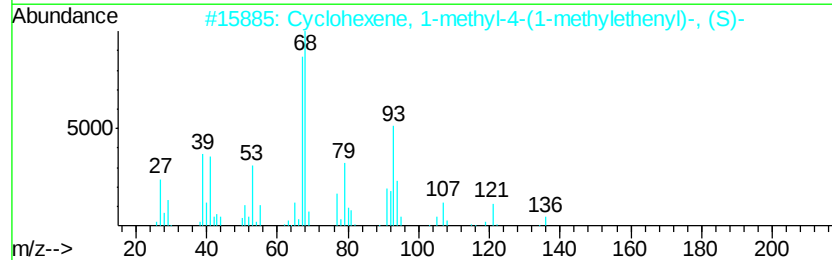
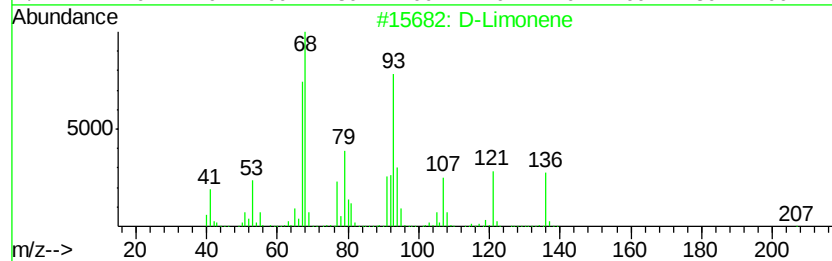
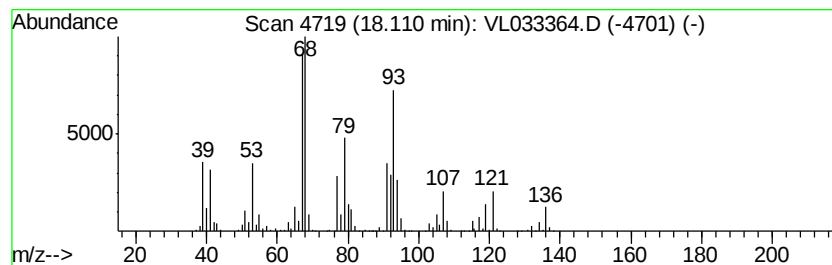
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 3 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.98 ppbv	1803620	Chlorobenzene-d5	12.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	95
2		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	90
3		Limonene	136	C10H16	000138-86-3	81
4		D-Limonene	136	C10H16	005989-27-5	76
5		D-Limonene	136	C10H16	005989-27-5	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown3.24	3.24	1.4	ppbv	495276	1	5.76	3619240	10.0
Butane	3.39	1.5	ppbv	547420	1	5.76	3619240	10.0
D-Limonene	18.11	3.0	ppbv	1803620	3	12.24	6054080	10.0