

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031519\
 Data File : VL033353.D
 Acq On : 16 Mar 2019 5:46
 Operator : SY/AP
 Sample : K1827-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-5

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	20	rBV2	187141	238182	3.68%	0.547%
2	3.014	20	24	30	rVV	208921	270405	4.18%	0.621%
3	3.049	30	35	42	rVV2	232813	311451	4.81%	0.715%
4	3.239	84	94	104	rBV	538029	683188	10.55%	1.569%
5	3.393	133	142	154	rVB	465565	595388	9.20%	1.367%
6	3.657	210	224	244	rBV	1655610	3493575	53.96%	8.022%
7	3.901	290	300	322	rBV	559098	1089961	16.84%	2.503%
8	4.033	322	341	361	rBV	607114	1314808	20.31%	3.019%
9	4.191	380	390	400	rVB2	152696	221075	3.41%	0.508%
10	4.249	400	408	417	rBV3	103029	151160	2.33%	0.347%
11	4.409	451	458	473	rVB2	182126	283713	4.38%	0.652%
12	5.139	675	685	691	rBV6	42343	72429	1.12%	0.166%
13	5.191	693	701	713	rVV2	131817	211568	3.27%	0.486%
14	5.332	734	745	757	rBV2	73957	119621	1.85%	0.275%
15	5.458	773	784	794	rBV5	44344	76882	1.19%	0.177%
16	5.763	862	879	898	rBV3	1763090	3498993	54.05%	8.035%
17	7.004	1258	1265	1277	rVB4	54235	98579	1.52%	0.226%
18	7.290	1337	1354	1369	rBV	2242147	4139278	63.94%	9.505%
19	7.367	1369	1378	1390	rVV4	85983	166511	2.57%	0.382%
20	7.448	1394	1403	1415	rVB6	34740	67918	1.05%	0.156%
21	7.599	1438	1450	1465	rVB4	131781	265110	4.10%	0.609%
22	7.966	1553	1564	1572	rBV7	66791	152293	2.35%	0.350%
23	8.248	1638	1652	1667	rVB3	147452	290046	4.48%	0.666%
24	8.882	1837	1849	1858	rBV3	100823	214739	3.32%	0.493%
25	8.953	1861	1871	1884	rVB4	186122	403379	6.23%	0.926%
26	9.946	2164	2180	2201	rBV2	3091774	6473987	100.00%	14.866%
27	10.567	2359	2373	2386	rBV5	133679	296142	4.57%	0.680%
28	11.110	2530	2542	2556	rBV2	117620	254949	3.94%	0.585%
29	11.827	2764	2765	2780	rVB3	45232	68340	1.06%	0.157%
30	12.239	2876	2893	2913	rBV	2864113	6203896	95.83%	14.246%
31	12.866	3077	3088	3100	rBV4	72793	138907	2.15%	0.319%
32	13.123	3156	3168	3188	rVB5	69527	204628	3.16%	0.470%
33	13.383	3234	3249	3261	rBV8	58030	163639	2.53%	0.376%
34	13.850	3382	3394	3406	rBV5	31639	70831	1.09%	0.163%

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Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 3 Min Area: 3 % of largest Peak
Start Thrs: 0.001 Max Peaks: 100
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	14.579	3603	3621	3644	rBV3	2789172	6293649	97.21%	14.452%
36	15.480	3889	3901	3915	rVB10	51857	134484	2.08%	0.309%
37	17.126	4395	4413	4430	rBV3	125065	332090	5.13%	0.763%
38	17.271	4449	4458	4471	rBV8	56547	136020	2.10%	0.312%
39	18.110	4702	4719	4745	rBV7	640481	1624129	25.09%	3.730%
40	19.689	5203	5210	5222	rVB8	59478	111606	1.72%	0.256%
41	21.653	5798	5821	5844	rBV	829268	2610106	40.32%	5.994%

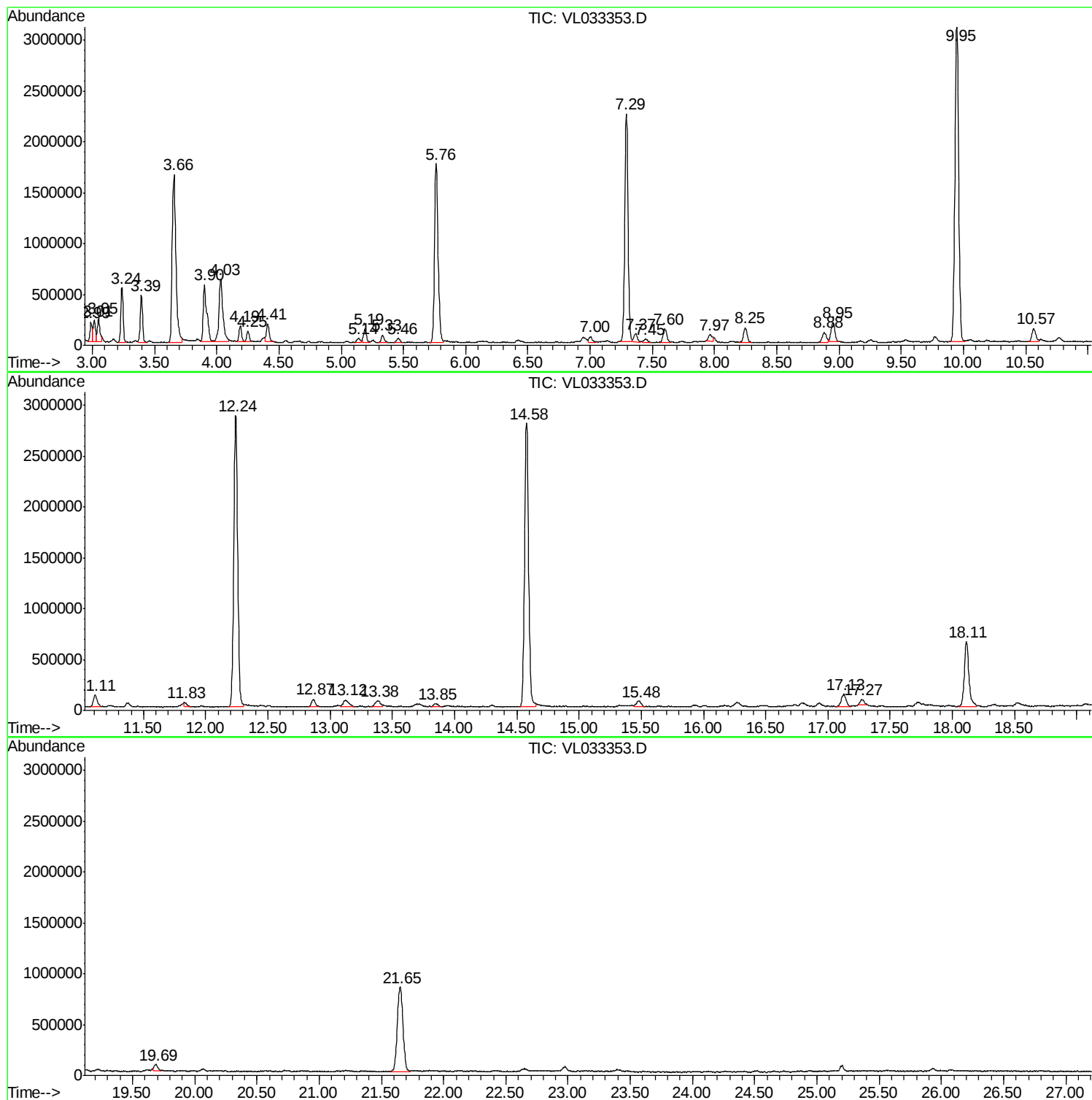
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019

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



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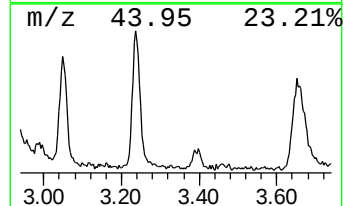
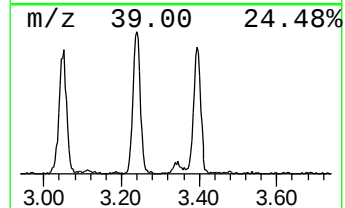
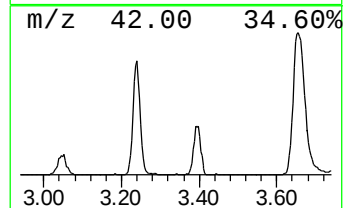
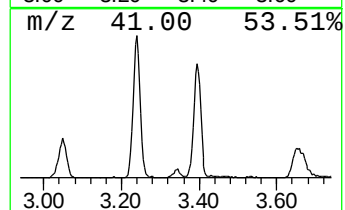
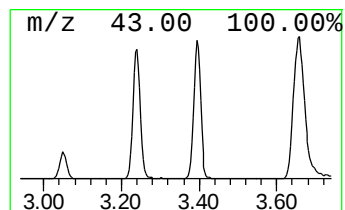
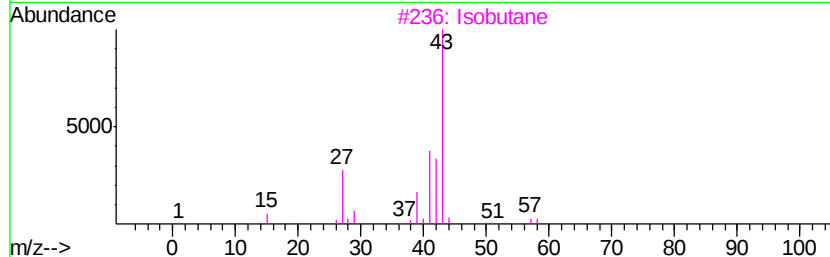
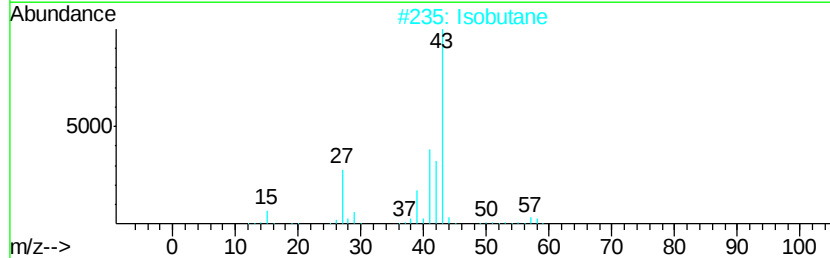
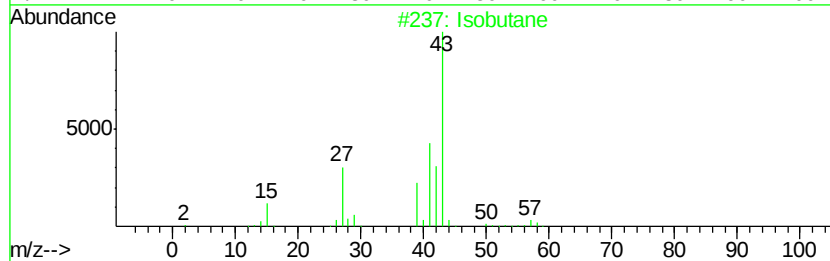
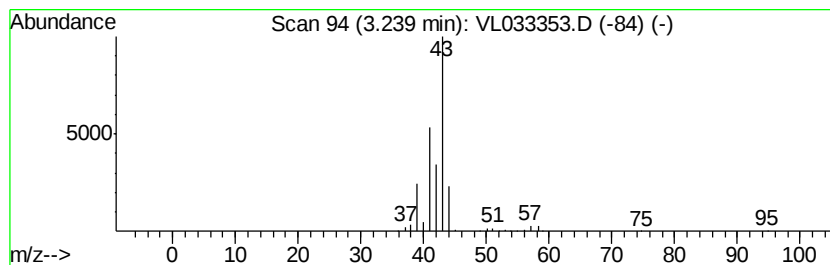
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019

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

Peak Number 1 unknown3.24 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	1.95 ppbv	683188	Bromochloromethane	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	40
2		Isobutane	58	C4H10	000075-28-5	40
3		Isobutane	58	C4H10	000075-28-5	9
4		Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9
5		Propane	44	C3H8	000074-98-6	5



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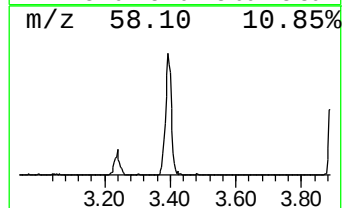
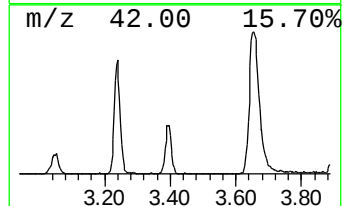
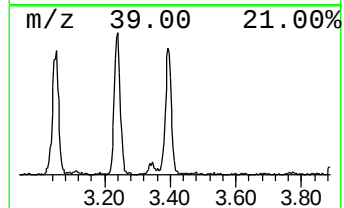
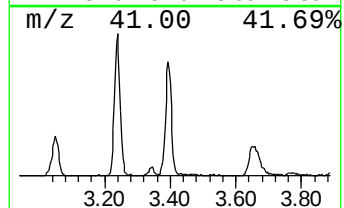
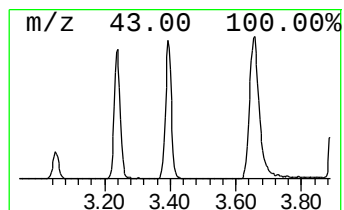
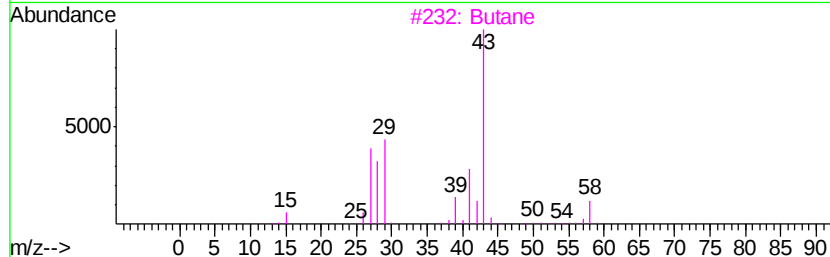
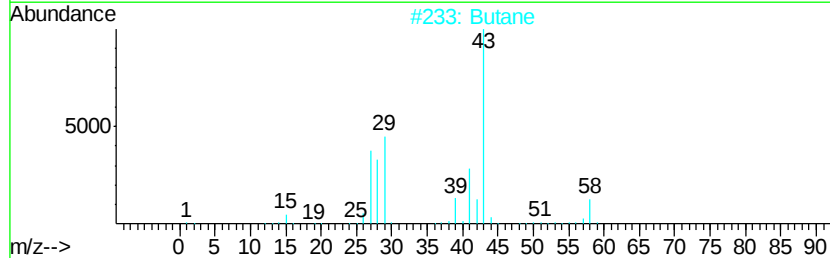
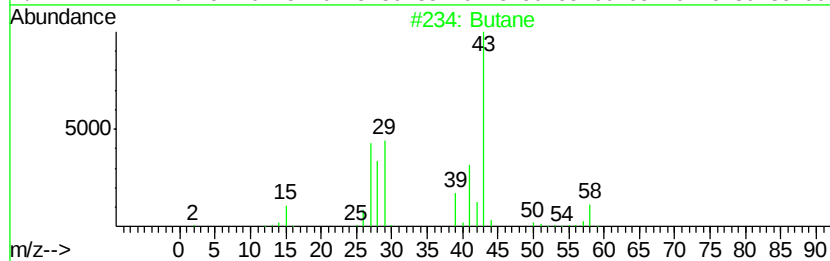
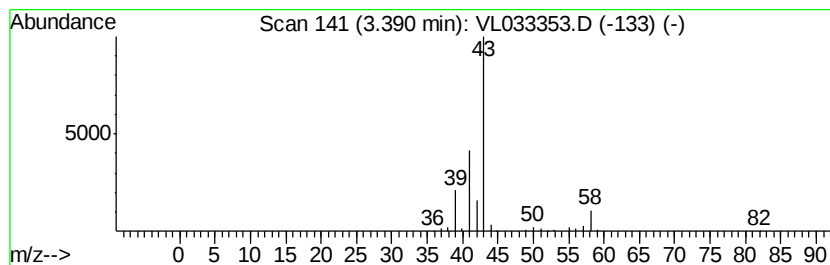
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Butane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.70 ppbv	595388	Bromochloromethane	5.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane		58	C4H10	000106-97-8	64
2	Butane		58	C4H10	000106-97-8	59
3	Butane		58	C4H10	000106-97-8	59
4	Isopropylsulfonyl chloride		142	C3H7ClO2S	010147-37-2	9
5	Propane, 1-nitro-		89	C3H7NO2	000108-03-2	9



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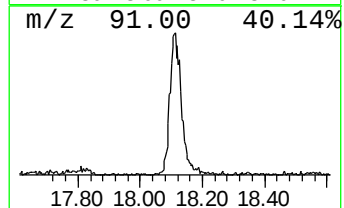
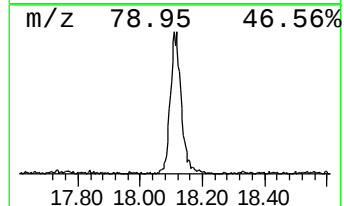
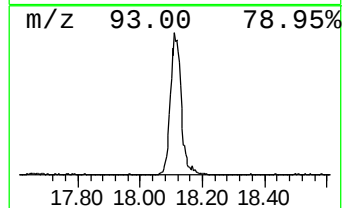
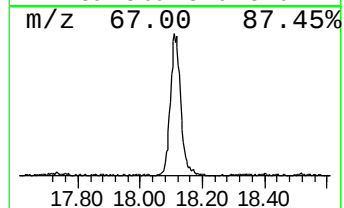
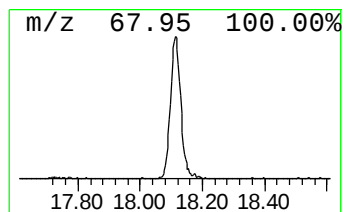
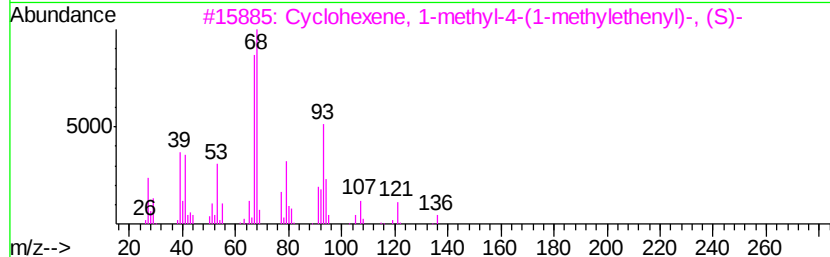
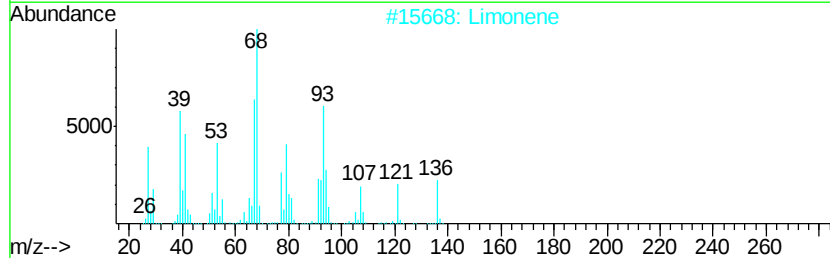
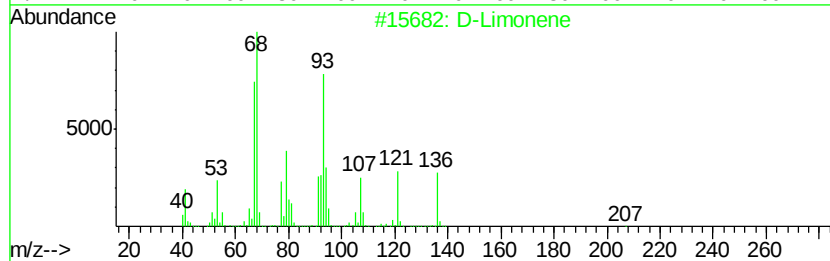
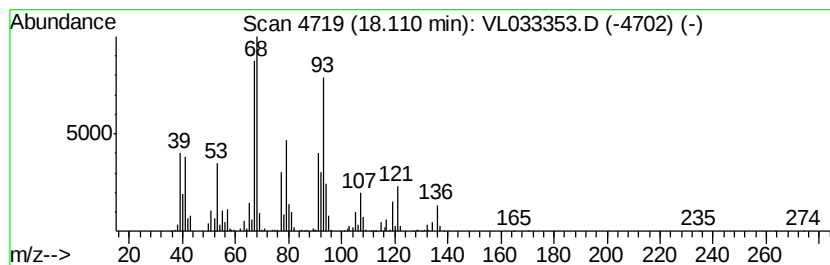
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 15 14:52:14 2019

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

Peak Number 3 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	2.62 ppbv	1624130	Chlorobenzene-d5	12.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Limonene	136 C10H16	005989-27-5	96
2	Limonene	136 C10H16	000138-86-3	93
3	Cyclohexene, 1-methyl-4-(1-methyl...	136 C10H16	005989-54-8	90
4	D-Limonene	136 C10H16	005989-27-5	72
5	D-Limonene	136 C10H16	005989-27-5	70



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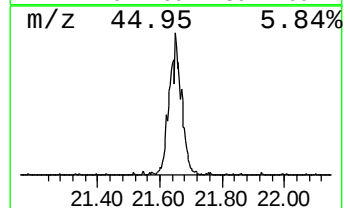
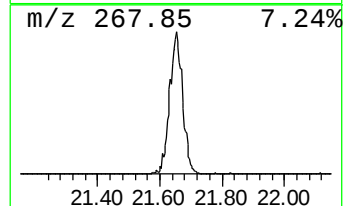
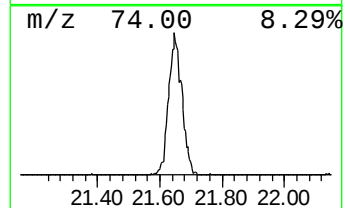
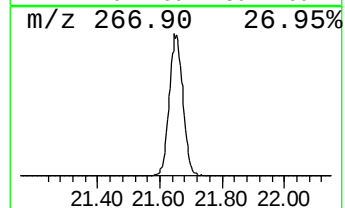
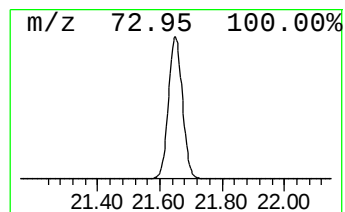
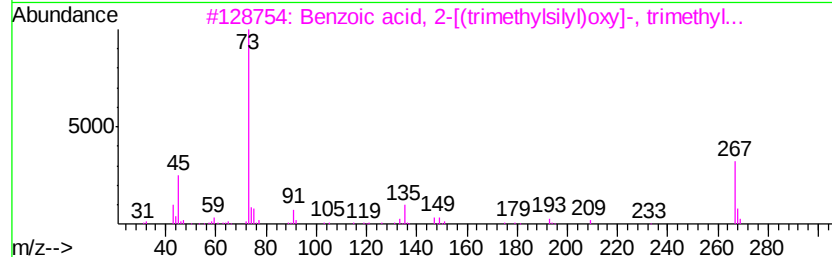
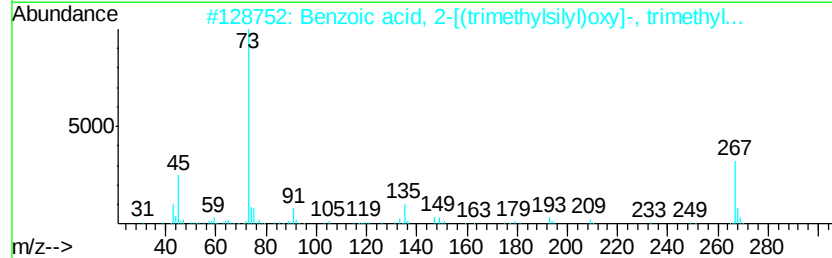
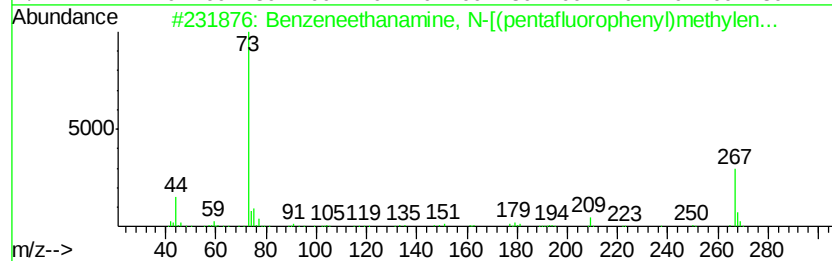
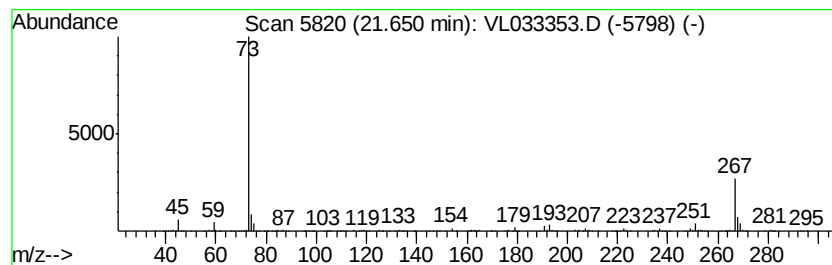
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzeneethanamine, N-[(pent... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.65	4.21 ppbv	2610110	Chlorobenzene-d5	12.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzeneethanamine, N-[(pentafluoro...	475	C21H26F5N02Si2	055429-85-1	59
2		Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
3		Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
4		Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
5		Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38



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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
unknown3.24	3.24	2.0	ppbv	683188	1	5.76	3498990	10.0
Butane	3.39	1.7	ppbv	595388	1	5.76	3498990	10.0
D-Limonene	18.11	2.6	ppbv	1624130	3	12.24	6203900	10.0
Benzeneethanamine...	21.65	4.2	ppbv	2610110	3	12.24	6203900	10.0