

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039780.D
 Acq On : 25 Oct 2022 6:08
 Operator : SY/AP
 Sample : N5227-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 F

Integration Parameters: RTEINT.P

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

Signal : TIC: VL039780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.719	24	36	50	rBV2	1485699	2686370	35.61%	6.054%
2	2.777	50	54	62	rVV2	141598	219339	2.91%	0.494%
3	2.819	62	67	79	rVB5	123185	207286	2.75%	0.467%
4	2.890	82	89	107	rBV	435733	619685	8.21%	1.397%
5	2.986	110	119	127	rBV	600218	895011	11.86%	2.017%
6	3.031	127	133	143	rVV	656261	917928	12.17%	2.069%
7	3.076	143	147	159	rVB5	122098	185986	2.47%	0.419%
8	3.153	164	171	185	rVB	95931	126389	1.68%	0.285%
9	3.259	194	204	209	rBV5	44554	78229	1.04%	0.176%
10	3.362	226	236	249	rVB5	60981	119119	1.58%	0.268%
11	3.484	265	274	278	rBV2	639589	863036	11.44%	1.945%
12	3.507	278	281	296	rVV2	515612	764107	10.13%	1.722%
13	3.632	315	320	334	rVB4	89388	136682	1.81%	0.308%
14	3.748	347	356	367	rBV3	260585	367100	4.87%	0.827%
15	3.947	407	418	447	rBV	2606693	4506804	59.74%	10.156%
16	4.140	472	478	484	rBV	51110	82683	1.10%	0.186%
17	4.623	615	628	633	rBV3	59834	107730	1.43%	0.243%
18	4.668	635	642	654	rVB4	82471	140436	1.86%	0.316%
19	4.918	712	720	731	rVB3	47478	85546	1.13%	0.193%
20	5.214	795	812	834	rBV2	2317615	6826195	90.49%	15.383%
21	5.288	834	835	847	rVB9	70351	84185	1.12%	0.190%
22	5.822	989	1001	1016	rBV6	59881	139655	1.85%	0.315%
23	6.372	1158	1172	1187	rBV3	367466	721133	9.56%	1.625%
24	6.606	1230	1245	1247	rBV6	66954	106918	1.42%	0.241%
25	6.655	1247	1260	1297	rVB	3037881	6239910	82.72%	14.062%
26	7.581	1538	1548	1560	rBV8	36969	76429	1.01%	0.172%
27	9.221	2040	2058	2071	rBV	282432	572458	7.59%	1.290%
28	10.494	2443	2454	2471	rVB10	50371	107069	1.42%	0.241%
29	11.462	2737	2755	2783	rBV	3045642	7085513	93.93%	15.968%
30	12.339	3017	3028	3031	rBV8	50330	78605	1.04%	0.177%
31	13.529	3381	3398	3411	rBV6	107165	257383	3.41%	0.580%
32	13.770	3455	3473	3510	rBV2	2982898	7543574	100.00%	17.000%
33	16.371	4267	4282	4295	rVB6	95230	253048	3.35%	0.570%
34	16.471	4300	4313	4327	rBV6	165176	415304	5.51%	0.936%
35	17.169	4517	4530	4531	rBV6	58023	78377	1.04%	0.177%
36	18.018	4780	4794	4796	rBV9	55670	101160	1.34%	0.228%

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Integration Parameters: RTEINT.P
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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 0

Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

37	19.249	5164	5177	5178	rBV3	155342	185396	2.46%	0.418%
38	19.255	5178	5179	5192	rVB3	135644	161986	2.15%	0.365%
39	20.792	5641	5657	5670	rBV2	82130	230356	3.05%	0.519%

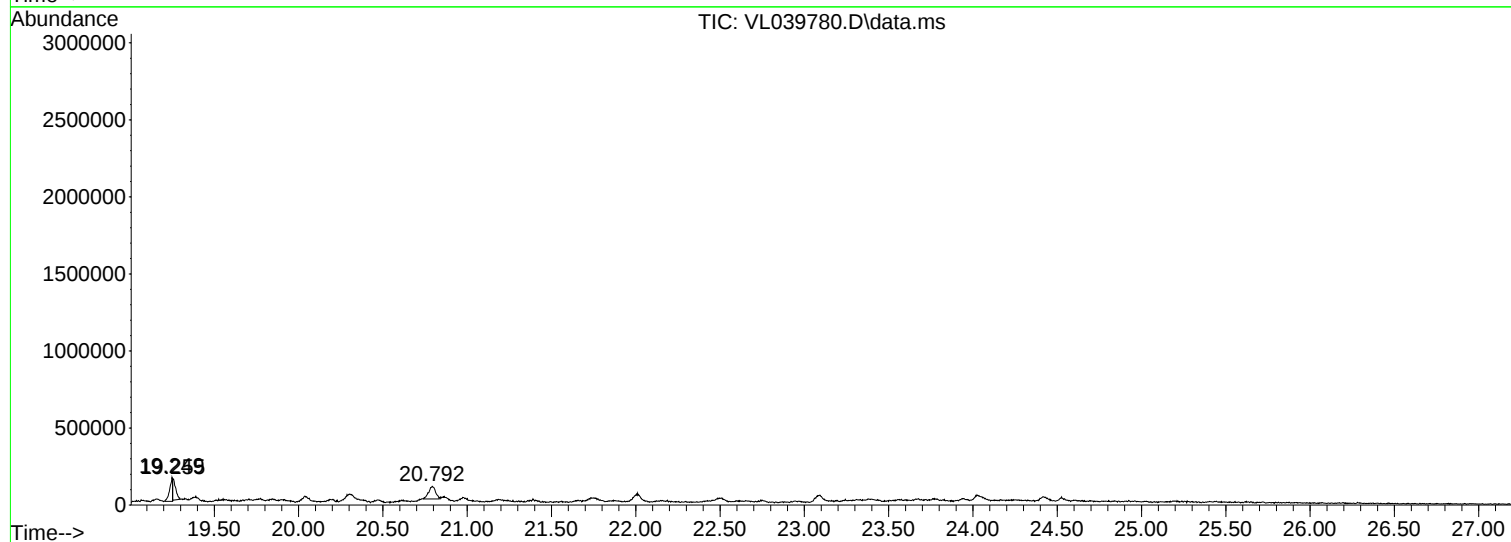
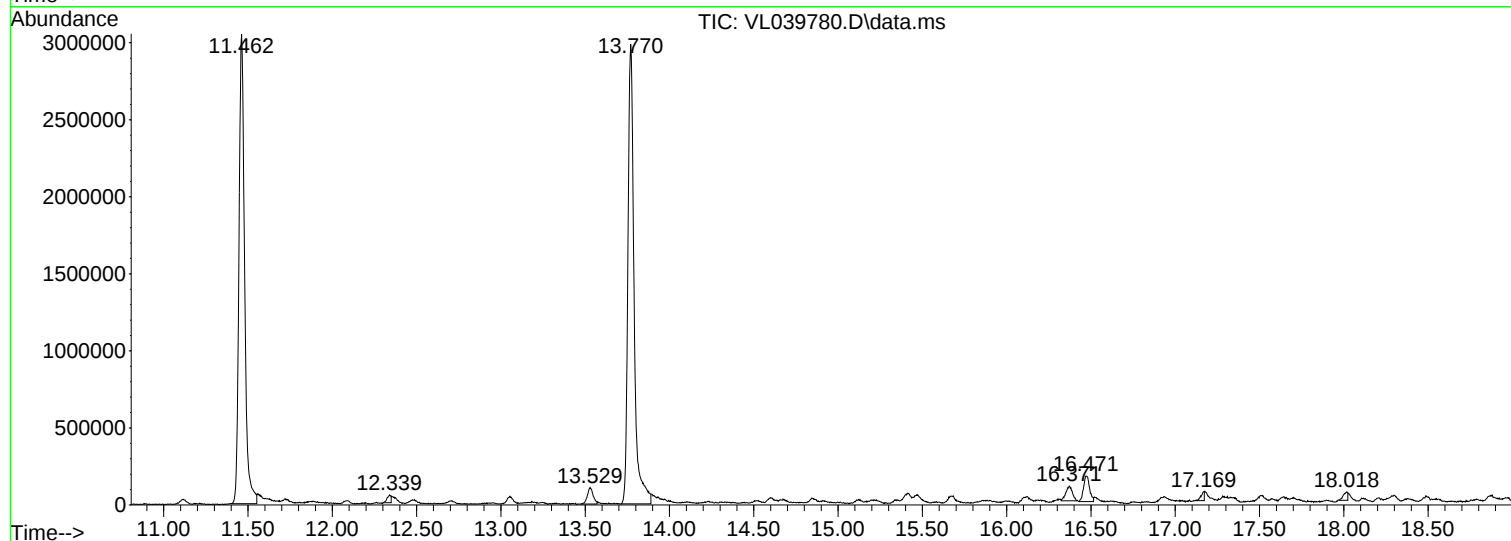
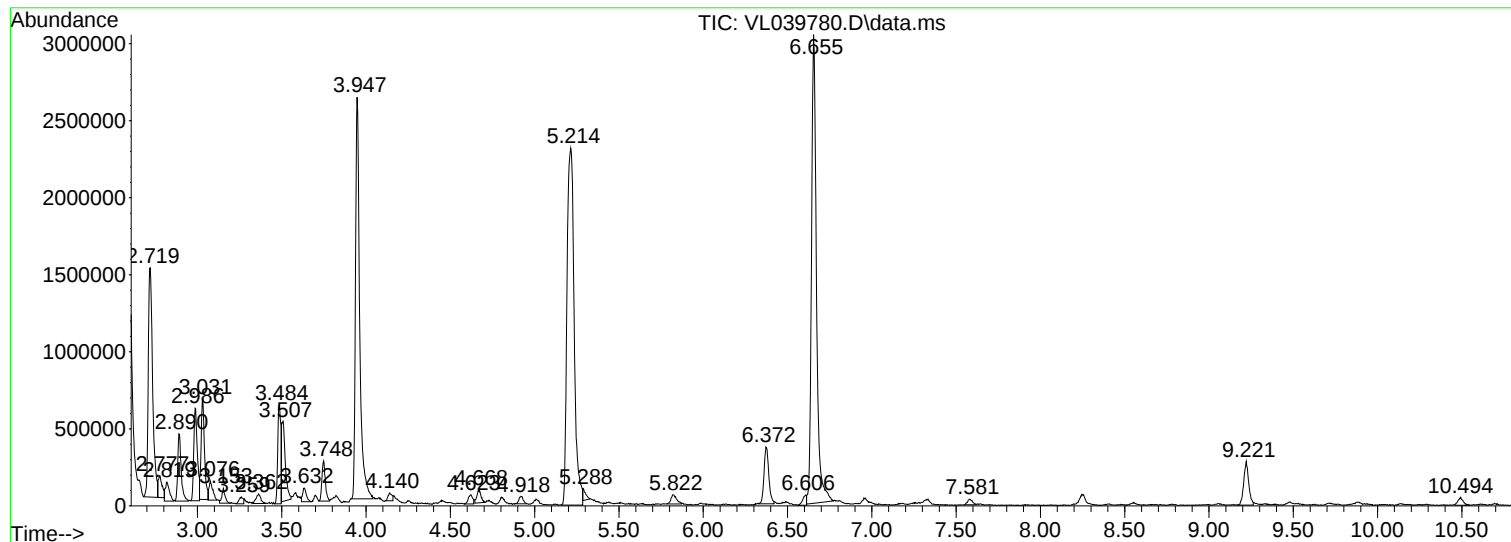
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Quant Title :

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



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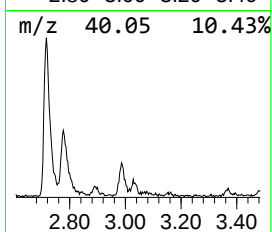
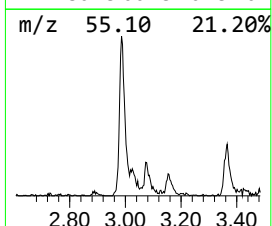
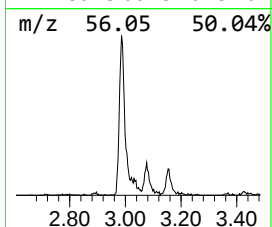
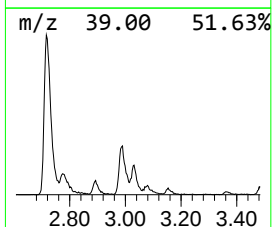
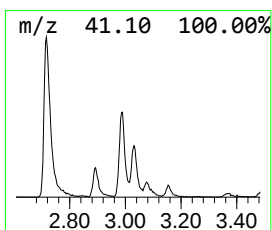
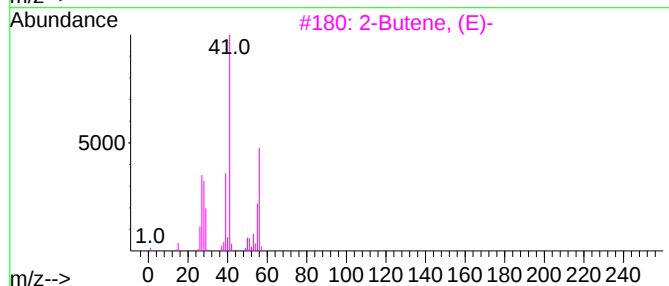
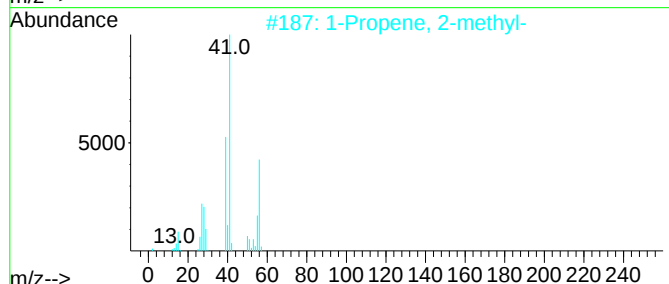
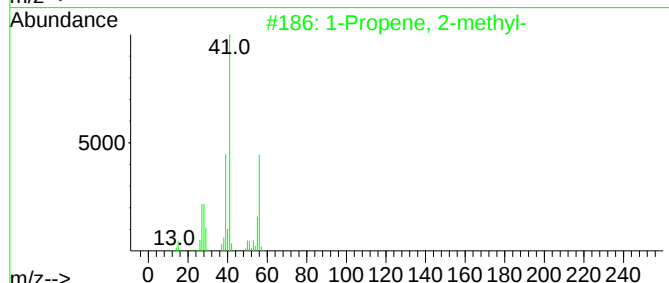
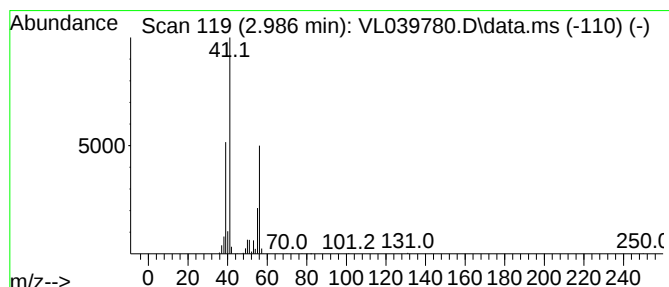
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Peak Number 1 1-Propene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.986	1.31 ppbv	895011	Bromochloromethane	5.198

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87	
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80	
3	2-Butene, (E)-	56	C4H8	000624-64-6	80	
4	2-Butene, (Z)-	56	C4H8	000590-18-1	80	
5	2-Butene	56	C4H8	000107-01-7	80	



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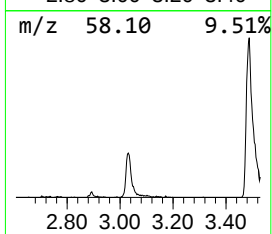
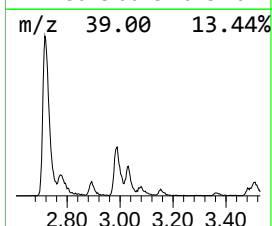
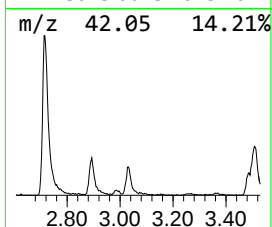
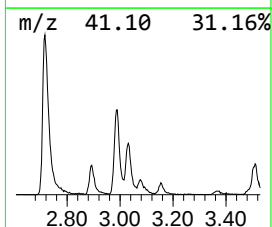
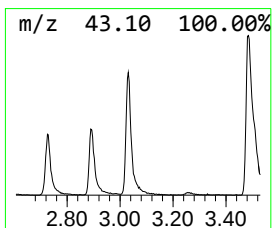
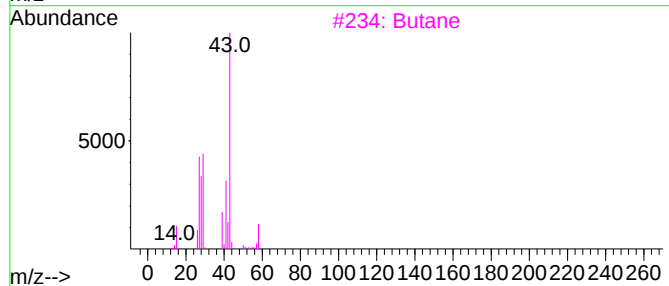
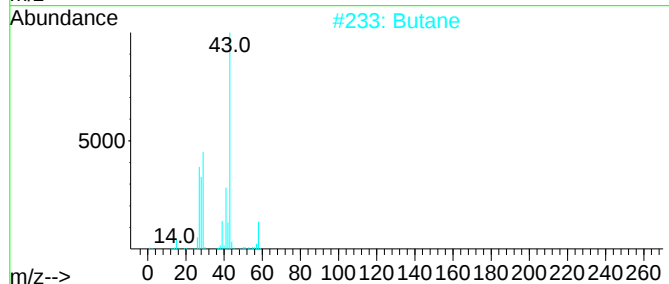
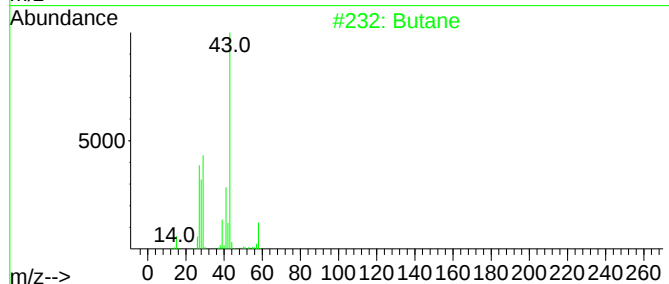
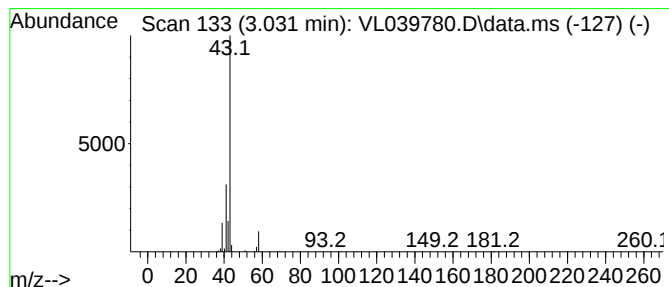
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Peak Number 2 Butane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	1.34 ppbv	917928	Bromochloromethane	5.198

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane	58	C4H10	000106-97-8	78
2			Butane	58	C4H10	000106-97-8	78
3			Butane	58	C4H10	000106-97-8	50
4			Diazene, dimethyl-	58	C2H6N2	000503-28-6	4
5			Hydrogen azide	43	HN3	007782-79-8	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Propene, 2-me...	2.986	1.3	ppbv	895011	1	5.198	6826200	10.0
Butane	3.031	1.3	ppbv	917928	1	5.198	6826200	10.0