LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
Data File : VL039802.D
Acq On : 26 Oct 2022 00:41
Operator : SY/AP
Sample : N5227-10
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
J

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_LFri Aug 26 06:05:16 2022

Signal : TIC: VL039802.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.661	9	18	24	rBV	4754543	5968746	87.08%	13.484%
2	2.690	24	27	31	rVV2	1106549	1381743	20.16%	3.121%
3	2.706	31	32	48	rVB7	1005543	1463960	21.36%	3.307%
4	2.790	48	58	59	rBV2	687925	819780	11.96%	1.852%
5	2.803	59	62	66	rVV2	800225	1011745	14.76%	2.286%
6	2.825	66	69	79	rVB3	792235	961689	14.03%	2.172%
7	2.893	86	90	102	rVB3	210503	320738	4.68%	0.725%
8	2.954	102	109	114	rVV4	171193	225811	3.29%	0.510%
9	2.989	114	120	129	rVV3	394113	707611	10.32%	1.599%
10	3.031	129	133	144	rVB4	223113	341301	4.98%	0.771%
11	3.089	144	151	160	rBV5	197769	282573	4.12%	0.638%
12	3.131	160	164	168	rVV3	82548	97595	1.42%	0.220%
13	3.153	168	171	182	rVB8	87873	104097	1.52%	0.235%
14	3.208	182	188	199	rVB5	55998	79244	1.16%	0.179%
15	3.282	202	211	218	rBV4	90928	119666	1.75%	0.270%
16	3.353	224	233	244	rBV2	191093	290157	4.23%	0.655%
17	3.491	267	276	296	rBV	547027	1153876	16.84%	2.607%
18	3.578	298	303	313	rVV8	45760	82843	1.21%	0.187%
19	3.639	315	322	332	rVB8	68963	119607	1.75%	0.270%
20	3.703	334	342	349	rVB3	57571	78791	1.15%	0.178%
21	3.751	349	357	367	rVB2	112073	141514	2.06%	0.320%
22	3.835	377	383	395	rVB2	113871	180589	2.63%	0.408%
23	3.951	412	419	430	rBV2	219033	333083	4.86%	0.752%
24	4.166	472	486	503	rBV7	262883	577774	8.43%	1.305%
25	4.819	677	689	696	rBV2	53199	93521	1.36%	0.211%
26	5.208	796	810	849	rBV	1675910	3791245	55.31%	8.565%
27	6.378	1163	1174	1175	rBV	80683	78793	1.15%	0.178%
28	6.664	1249	1263	1282	rBV	2805185	5673511	82.78%	12.817%
29	8.256	1749	1758	1771	rVB8	58123	122019	1.78%	0.276%
30	9.224	2045	2059	2074	rBV3	109991	250025	3.65%	0.565%
31	9.860	2244	2257	2261	rBV7	39994	73997	1.08%	0.167%
32	11.121	2632	2649	2668	rBV3	251656	684893	9.99%	1.547%
33	11.471	2740	2758	2786	rBV	2870776	6767165	98.73%	15.287%
34	12.346	3019	3030	3032	rBV4	52026	72078	1.05%	0.163%
35	13.539	3385	3401	3413	rBV4	111720	255814	3.73%	0.578%
36	13.777	3455	3475	3496	rBV2	2778768	6853988	100.00%	15.483%

LSC Area Percent Report

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Integration Parameters: RTEINT.P
Integrator: RTE
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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 TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

37	13.854	3498	3499	3514	rVB3	99113	131412	1.92%	0.297%
38	15.130	3876	3896	3906	rBV7	63463	175876	2.57%	0.397%
39	16.108	4188	4200	4201	rBV4	78975	86561	1.26%	0.196%
40	16.117	4201	4203	4218	rVB6	77060	104864	1.53%	0.237%
41	16.375	4259	4283	4285	rBV3	273167	508540	7.42%	1.149%
42	16.384	4285	4286	4301	rVV2	270139	347415	5.07%	0.785%
43	16.481	4305	4316	4332	rVB5	87766	218104	3.18%	0.493%
44	20.796	5639	5658	5676	rBV	383165	1132606	16.52%	2.559%

Sum of corrected areas: 44266960

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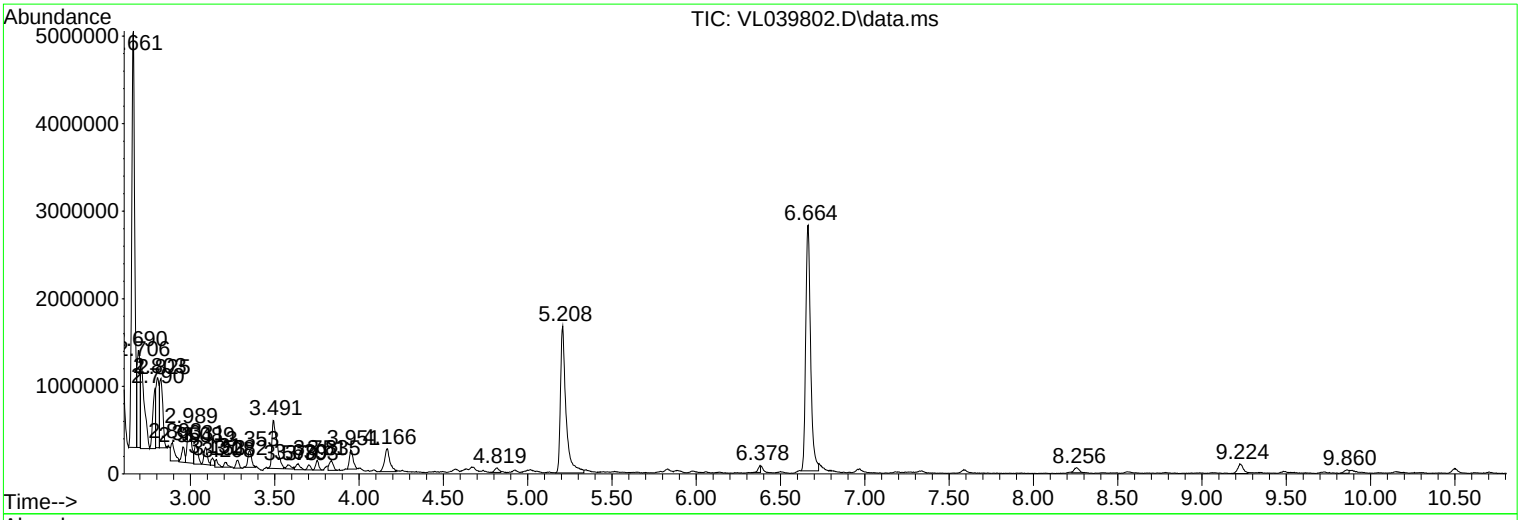
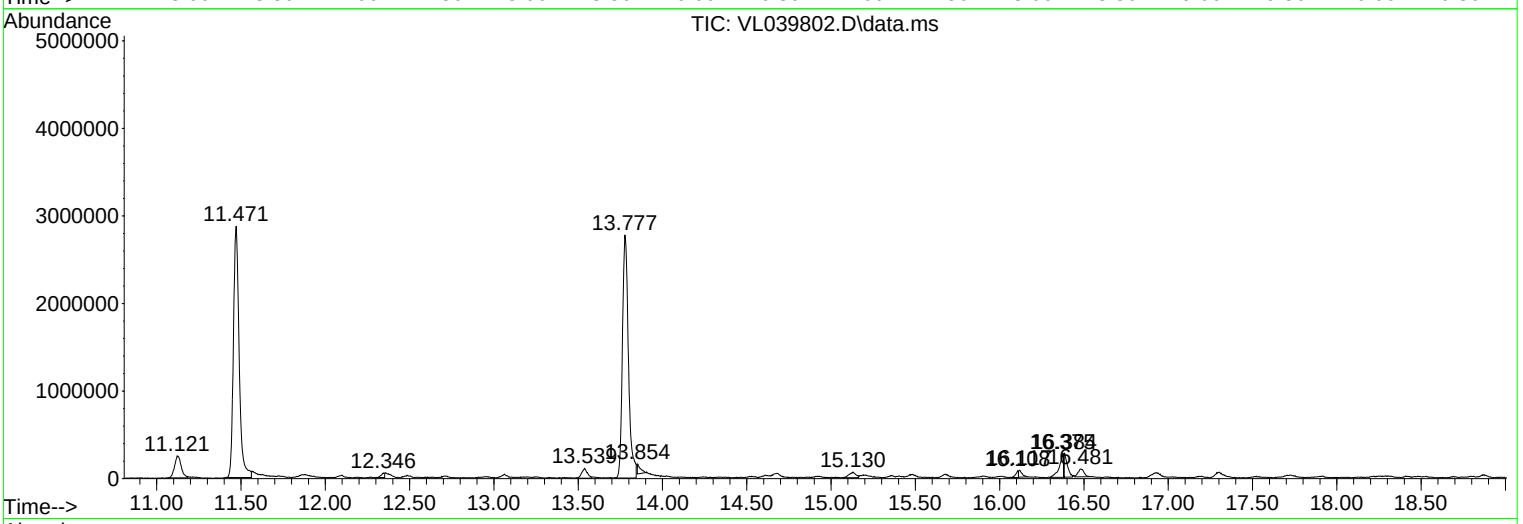
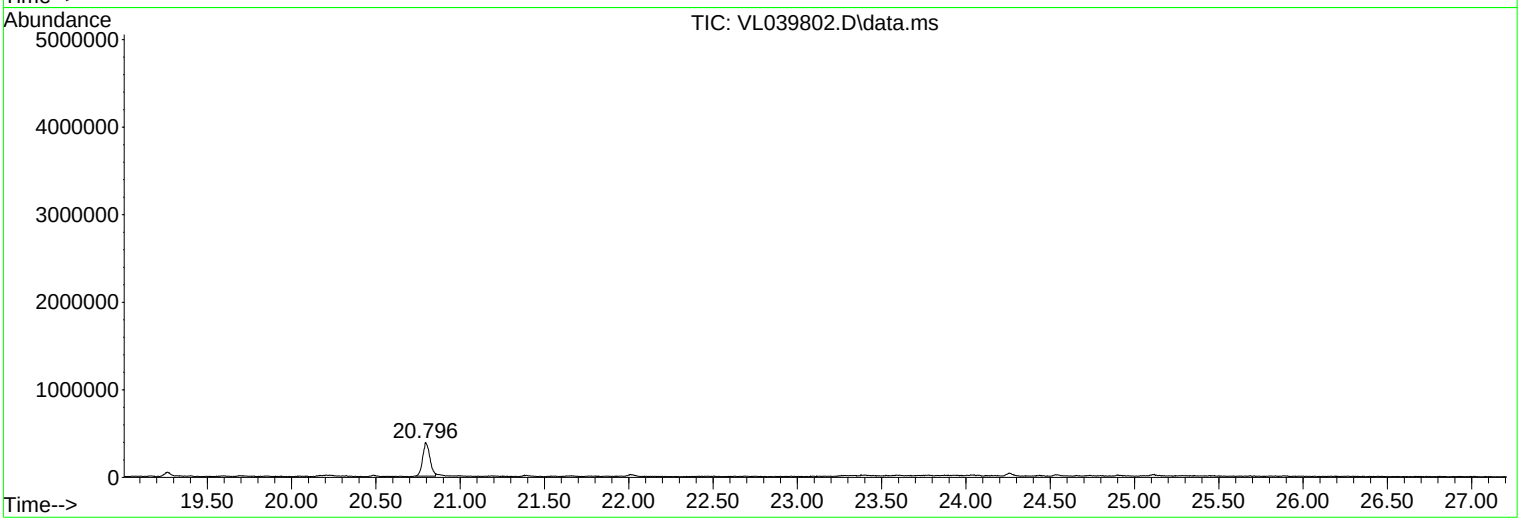
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

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







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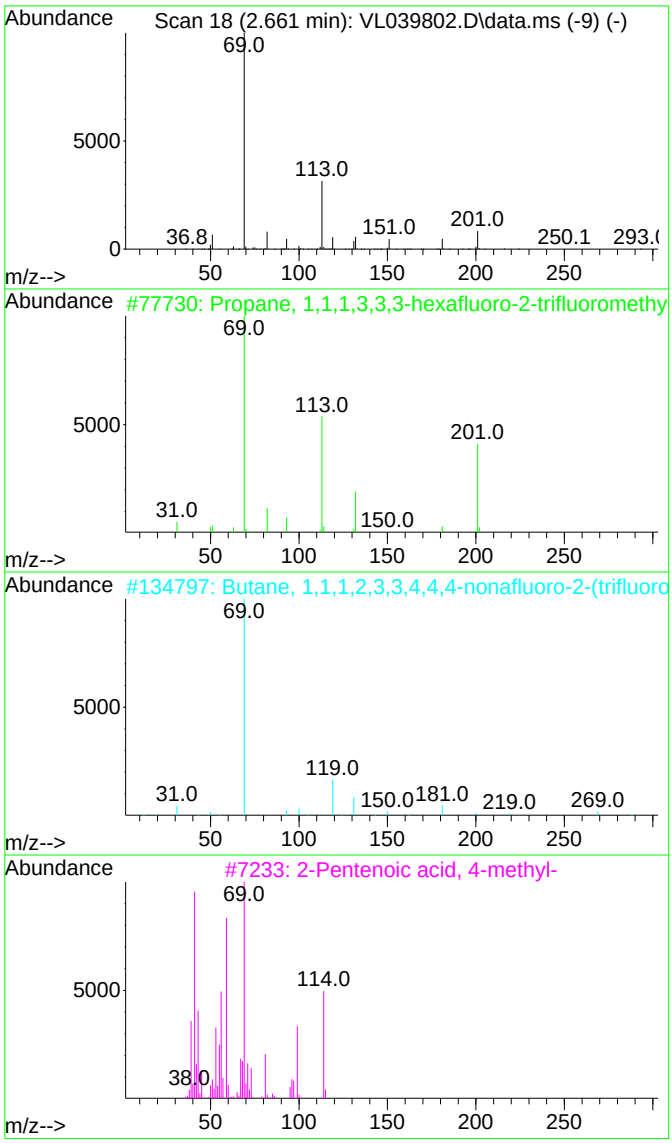
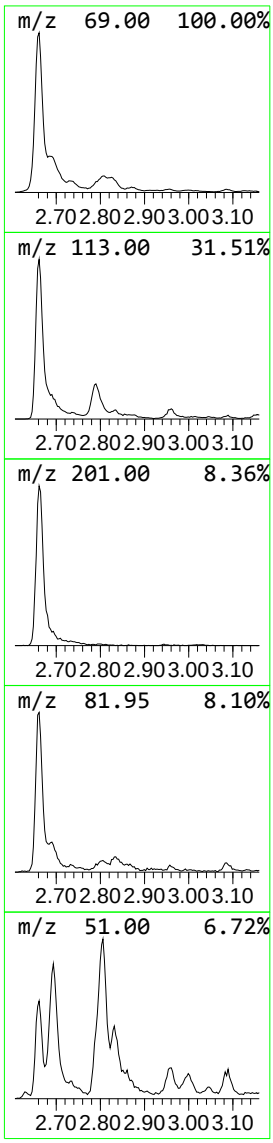
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown2.661 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.661	15.74 ppbv	5968750	Bromochloromethane	5.205

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1,1,3,3,3-hexafluoro-...	220	C4HF9	000382-24-1	30
2	Butane, 1,1,1,2,3,3,4,4,4-nonafl...	288	C5F12	000594-91-2	9
3	2-Pentenoic acid, 4-methyl-	114	C6H10O2	010321-71-8	5
4	Cyclopropanecarboxylic acid, pen...	150	C9H10O2	1000299-37-5	4
5	(Butylamino)acetonitrile	112	C6H12N2	003010-04-6	3





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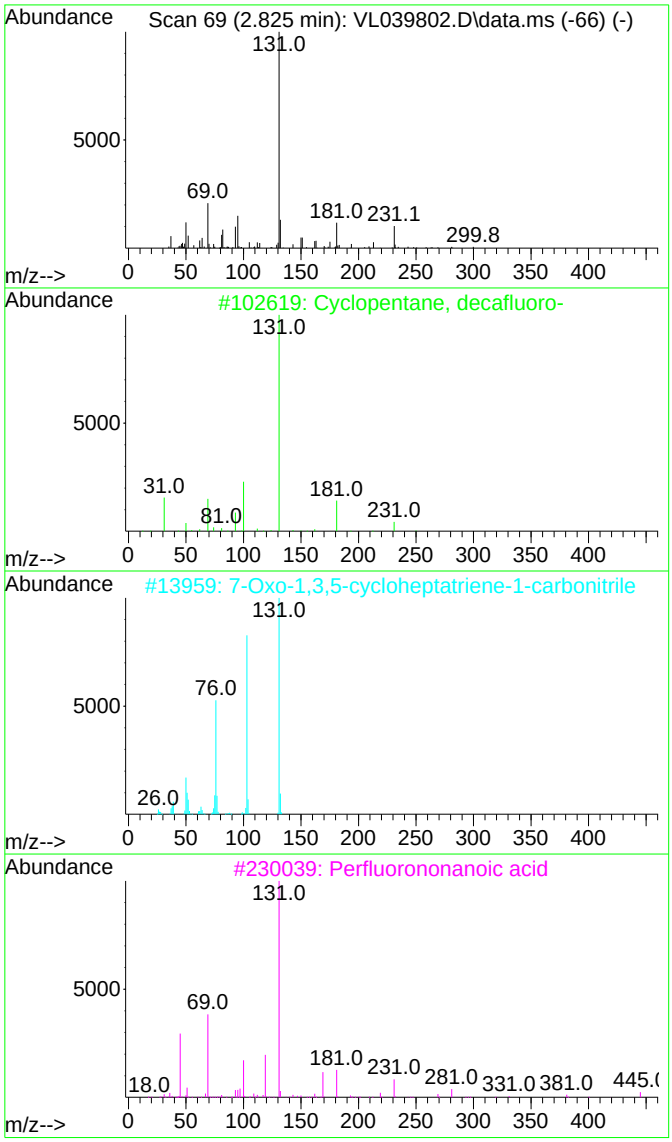
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

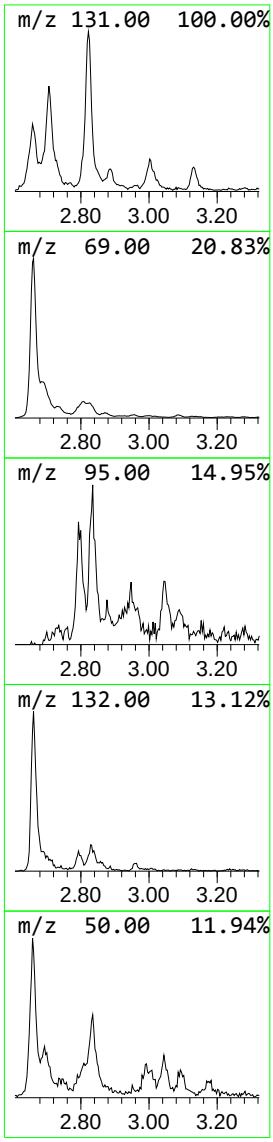
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, decafluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	2.54 ppbv	961689	Bromochloromethane	5.205

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, decafluoro-	250	C5F10	000376-77-2	50
2	7-Oxo-1,3,5-cycloheptatriene-1-c...	131	C8H5NO	000934-19-0	40
3	Perfluorononanoic acid	464	C9HF17O2	000375-95-1	38
4	2-Iodo-benzoic acid N'-(3-phenyl...	392	C16H13IN2O2	315672-62-9	36
5	Linalol oxide, trimethylsilyl ether	242	C13H26O2Si	1000352-40-0	33





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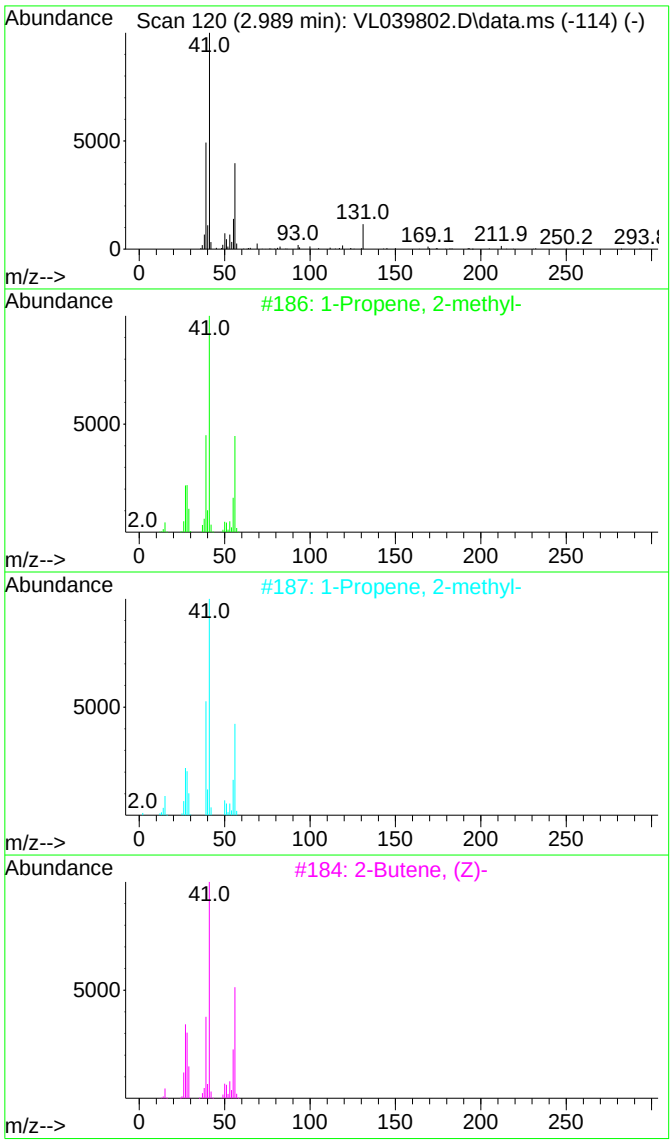
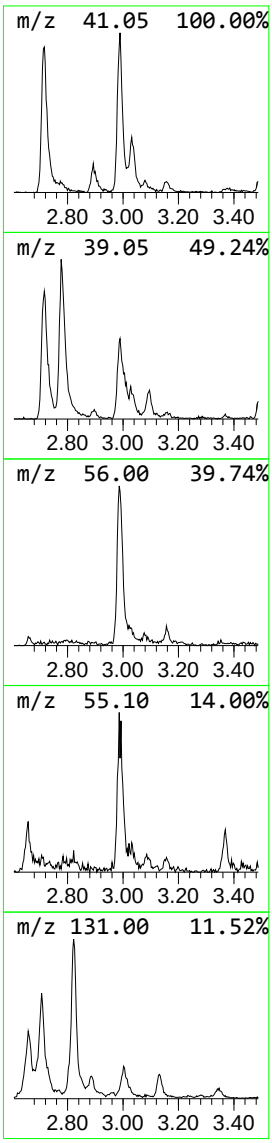
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Propene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.989	1.87 ppbv	707611	Bromochloromethane	5.205

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	74
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
3	2-Butene, (Z)-	56	C4H8	000590-18-1	64
4	2-Butene	56	C4H8	000107-01-7	64
5	2-Butene	56	C4H8	000107-01-7	64





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.661	2.661	15.7	ppbv	5968750	1	5.205	3791250	10.0
Cyclopentane, d...	2.825	2.5	ppbv	961689	1	5.205	3791250	10.0
1-Propene, 2-me...	2.989	1.9	ppbv	707611	1	5.205	3791250	10.0