LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
Data File : VL039782.D
Acq On : 25 Oct 2022 7:26
Operator : SY/AP
Sample : N5227-07
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
G

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: VL039782.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.658	9	17	23	rBV	2935349	3316782	43.83%	5.768%
2	2.694	23	28	29	rVV3	604510	643391	8.50%	1.119%
3	2.716	29	35	50	rVV3	2149985	3641990	48.12%	6.333%
4	2.803	50	62	64	rVV4	505514	918297	12.13%	1.597%
5	2.819	64	67	77	rVB2	547341	757675	10.01%	1.318%
6	2.890	84	89	102	rVB2	389023	526274	6.95%	0.915%
7	2.954	102	109	113	rVV2	97988	108001	1.43%	0.188%
8	2.989	113	120	128	rVV	1060250	1713399	22.64%	2.980%
9	3.031	128	133	141	rVV	679859	899078	11.88%	1.563%
10	3.076	141	147	160	rVB3	294237	447559	5.91%	0.778%
11	3.153	165	171	182	rVB3	171051	254822	3.37%	0.443%
12	3.272	203	208	218	rVB5	62500	93492	1.24%	0.163%
13	3.353	224	233	246	rBV3	170134	346686	4.58%	0.603%
14	3.481	264	273	295	rBV	1062482	2296805	30.35%	3.994%
15	3.636	313	321	334	rVB	263160	380729	5.03%	0.662%
16	3.700	334	341	348	rVV3	99824	133461	1.76%	0.232%
17	3.748	348	356	367	rVV	402288	573353	7.58%	0.997%
18	3.822	367	379	380	rVV8	123166	207484	2.74%	0.361%
19	3.829	380	381	395	rVB4	126134	131755	1.74%	0.229%
20	3.948	409	418	431	rVV	1141530	1985826	26.24%	3.453%
21	3.996	431	433	450	rVB6	105114	154376	2.04%	0.268%
22	4.160	467	484	498	rBV7	172098	421273	5.57%	0.733%
23	4.623	619	628	634	rBV6	67674	120819	1.60%	0.210%
24	4.671	636	643	652	rVB4	104829	174891	2.31%	0.304%
25	4.803	675	684	703	rVB	140758	279011	3.69%	0.485%
26	4.915	709	719	732	rBV4	67054	124433	1.64%	0.216%
27	5.009	735	748	764	rBV2	208114	420745	5.56%	0.732%
28	5.202	795	808	829	rBV3	1967199	4950408	65.41%	8.608%
29	5.825	994	1002	1014	rBV7	65580	121866	1.61%	0.212%
30	6.372	1160	1172	1193	rVB2	1413164	2720457	35.95%	4.731%
31	6.603	1233	1244	1245	rBV6	59943	77354	1.02%	0.135%
32	6.655	1248	1260	1278	rVV	3018055	6025747	79.62%	10.478%
33	6.735	1284	1285	1295	rVB4	91333	84160	1.11%	0.146%
34	6.960	1343	1355	1359	rBV6	85926	162164	2.14%	0.282%
35	7.279	1440	1454	1459	rBV5	92801	176754	2.34%	0.307%
36	7.584	1534	1549	1559	rBV2	149827	310929	4.11%	0.541%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
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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_LFri Aug 26 06:05:16 2022

37	8.246	1743	1755	1770	rVB7	105220	245635	3.25%	0.427%
38	9.217	2039	2057	2073	rBV3	789394	1683475	22.24%	2.927%
39	10.143	2332	2345	2350	rBV7	54749	101754	1.34%	0.177%
40	10.488	2437	2452	2468	rBV3	149880	338404	4.47%	0.588%
41	11.118	2631	2648	2652	rBV7	37784	78819	1.04%	0.137%
42	11.462	2730	2755	2777	rBV2	3124312	7319093	96.71%	12.728%
43	12.086	2947	2949	2958	rVB3	71745	88627	1.17%	0.154%
44	12.343	3015	3029	3037	rBV5	134354	367359	4.85%	0.639%
45	12.372	3037	3038	3051	rVB3	95398	101291	1.34%	0.176%
46	13.057	3238	3251	3260	rBV4	77486	160082	2.12%	0.278%
47	13.529	3381	3398	3414	rBV3	184182	456725	6.03%	0.794%
48	13.770	3456	3473	3500	rBV2	3037482	7567972	100.00%	13.160%
49	15.671	4052	4064	4075	rBV2	66706	150285	1.99%	0.261%
50	16.108	4185	4200	4203	rBV5	87423	161106	2.13%	0.280%
51	16.365	4265	4280	4281	rVV2	138139	204259	2.70%	0.355%
52	16.375	4281	4283	4299	rVB2	150757	200028	2.64%	0.348%
53	16.471	4299	4313	4328	rBV6	266644	654341	8.65%	1.138%
54	17.175	4522	4532	4541	rVB7	54741	99818	1.32%	0.174%
55	18.294	4871	4880	4896	rVB9	64768	168060	2.22%	0.292%
56	19.256	5165	5179	5194	rBV5	257179	602735	7.96%	1.048%
57	20.783	5639	5654	5655	rVV	264261	382397	5.05%	0.665%
58	20.789	5655	5656	5670	rVB2	239652	368766	4.87%	0.641%
59	21.998	6016	6032	6034	rBV4	103892	156758	2.07%	0.273%
60	22.008	6034	6035	6055	rVB5	103185	146047	1.93%	0.254%

Sum of corrected areas: 57506082

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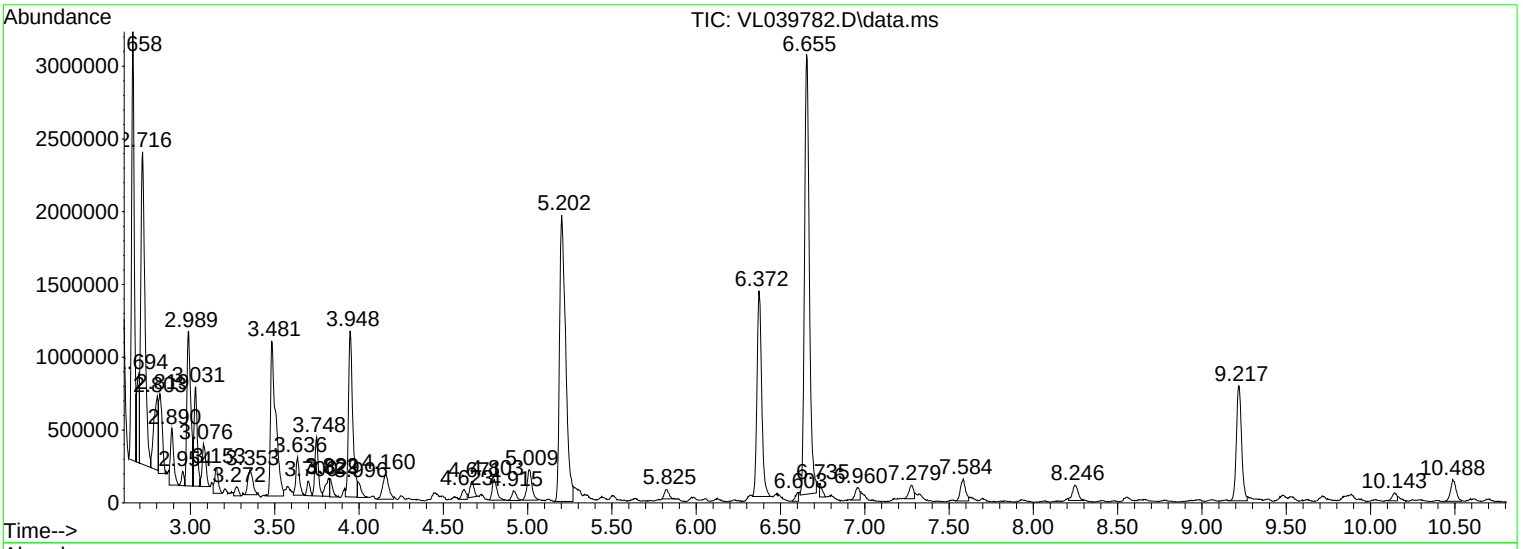
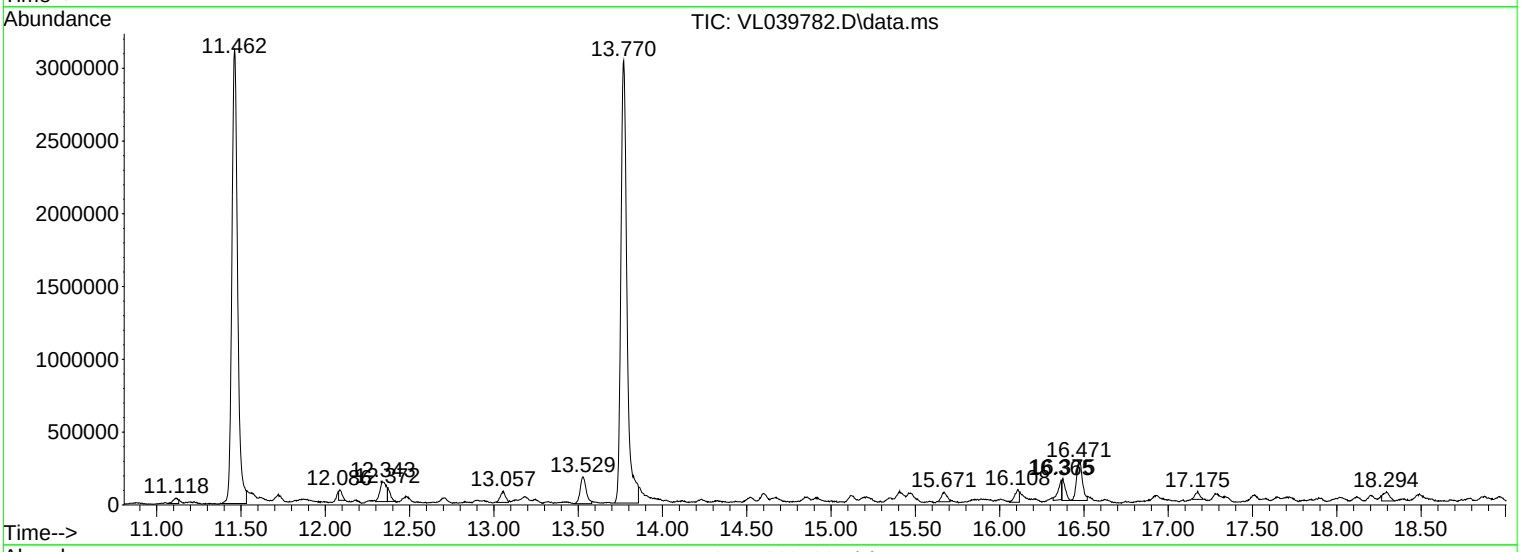
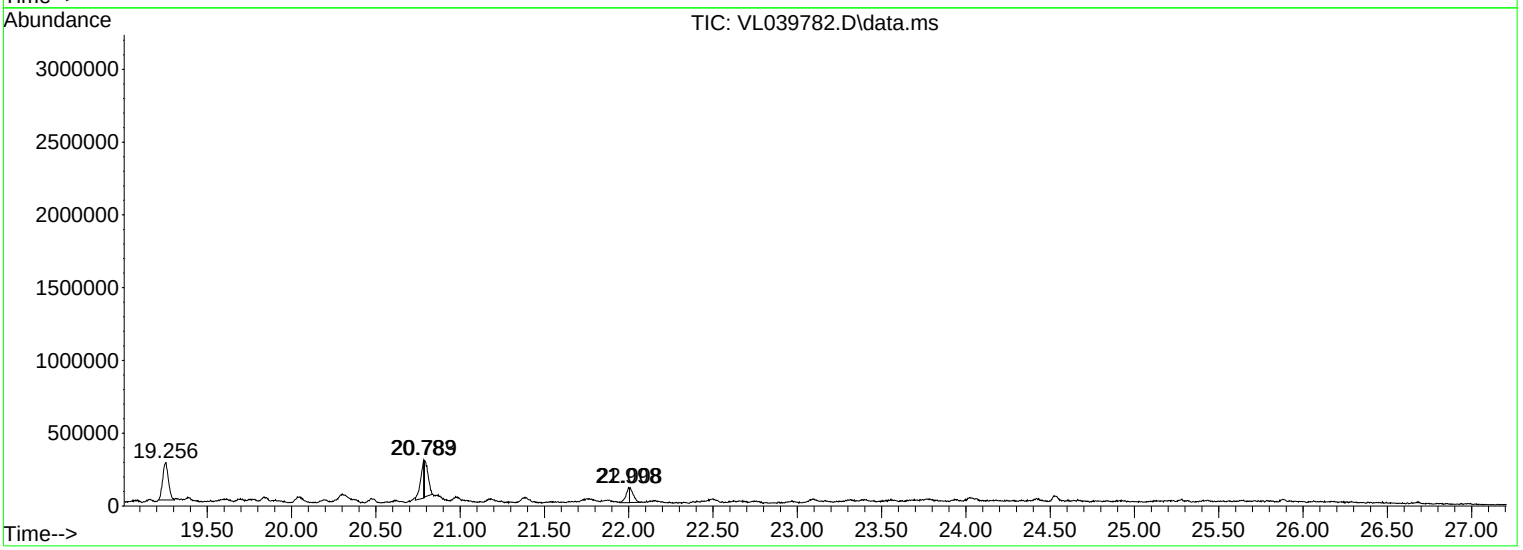
Instrument :
MSVOA_L
ClientSampleId :
G

Quant Title :

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







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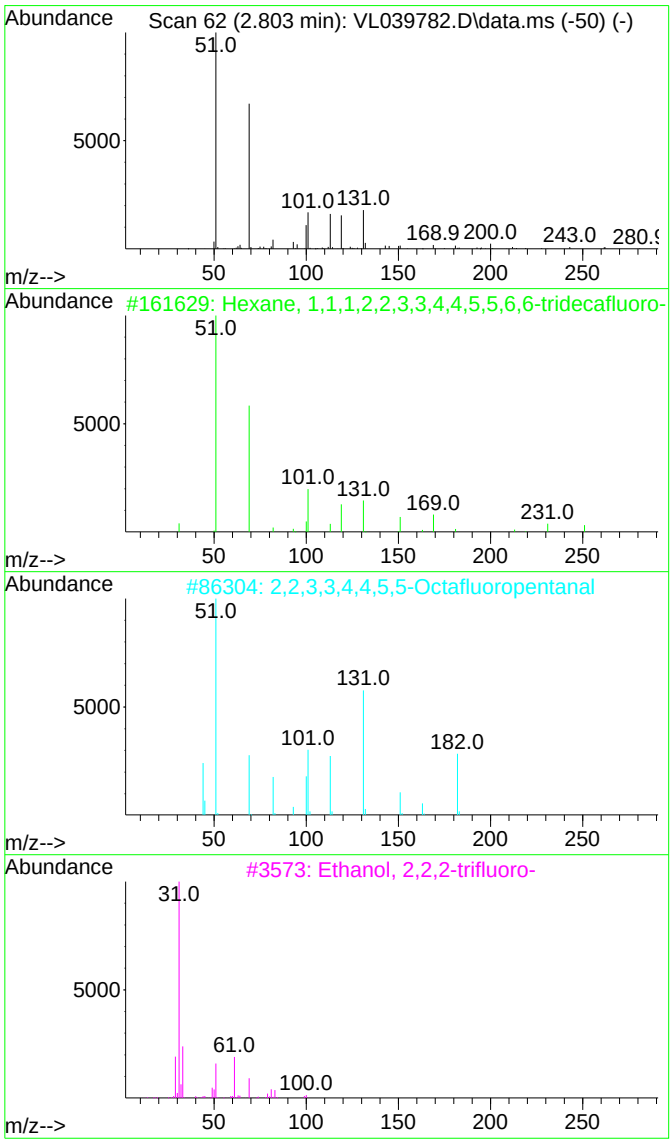
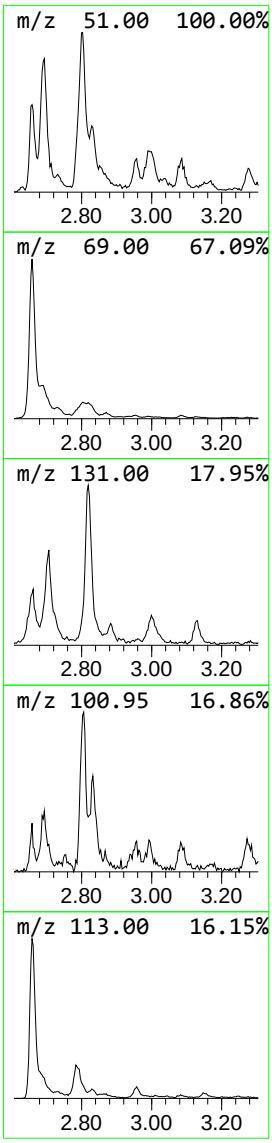
****
Peak Number 2 Hexane, 1,1,1,2,2,3,3,4,4,5... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.803	1.85 ppbv	918297	Bromochloromethane	5.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1,1,1,2,2,3,3,4,4,5,5,6,...	320	C6HF13	000355-37-3	74
2	2,2,3,3,4,4,5,5-Octafluoropentanal	230	C5H2F8O	002648-47-7	9
3	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	4
4	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	4
5	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	4





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Instrument :
MSVOA_L
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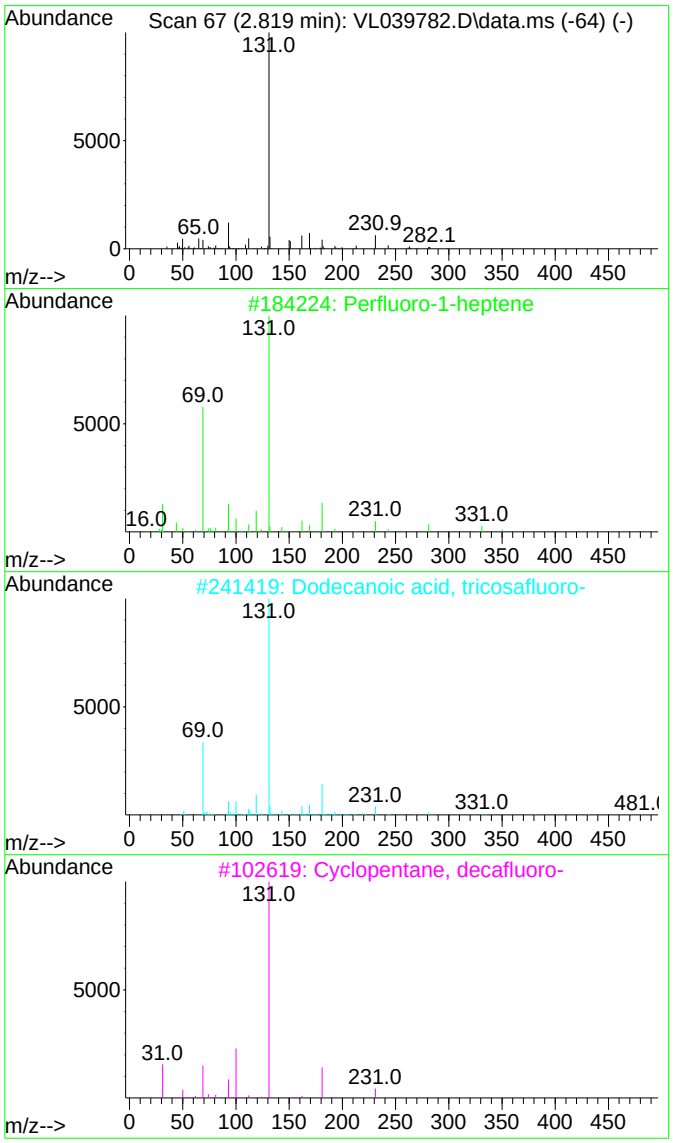
Quant Title :

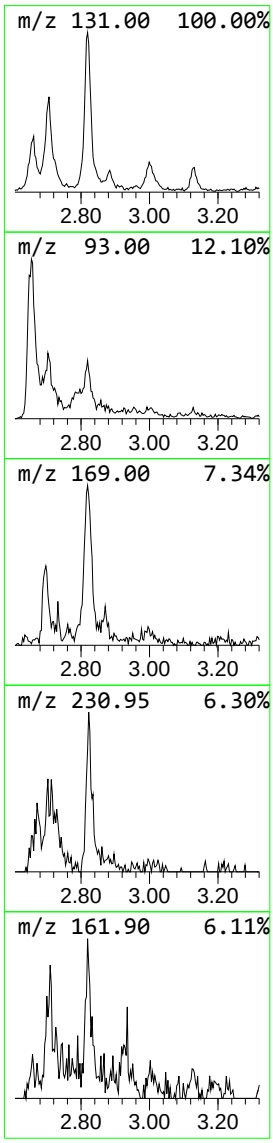
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Perfluoro-1-heptene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	1.53 ppbv	757675	Bromochloromethane	5.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perfluoro-1-heptene	350	C7F14	000355-63-5	64
2	Dodecanoic acid, tricosafluoro-	614	C12HF23O2	000307-55-1	56
3	Cyclopentane, decafluoro-	250	C5F10	000376-77-2	36
4	Perfluoro-1-heptene	350	C7F14	000355-63-5	25
5	Cyclohexane, dodecafluoro-	300	C6F12	000355-68-0	9





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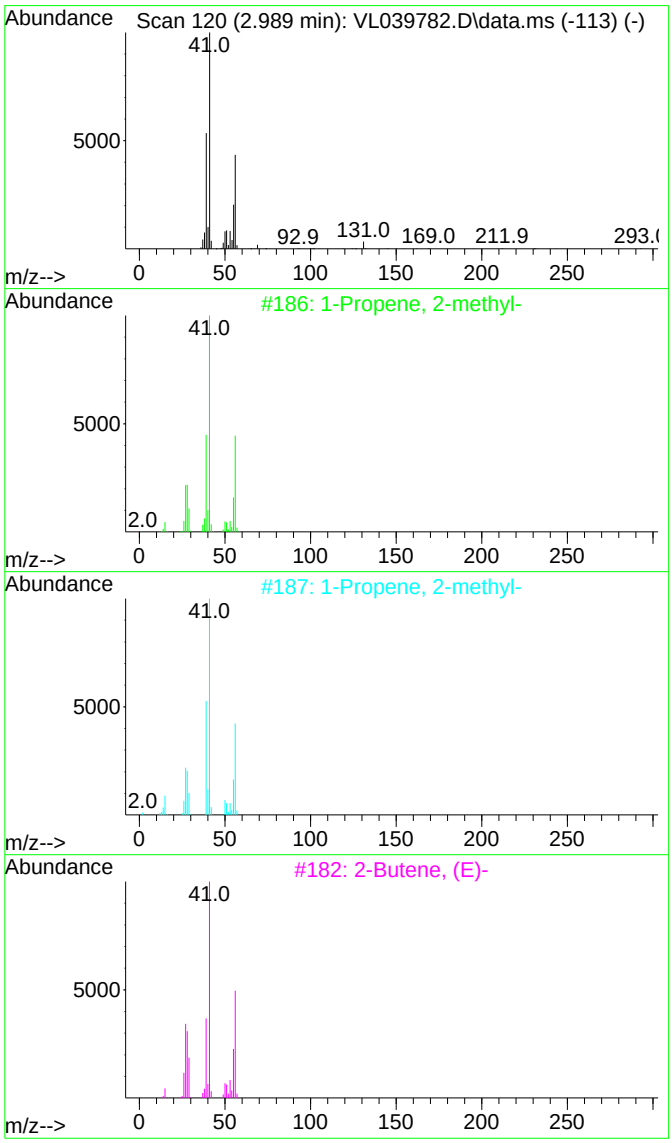
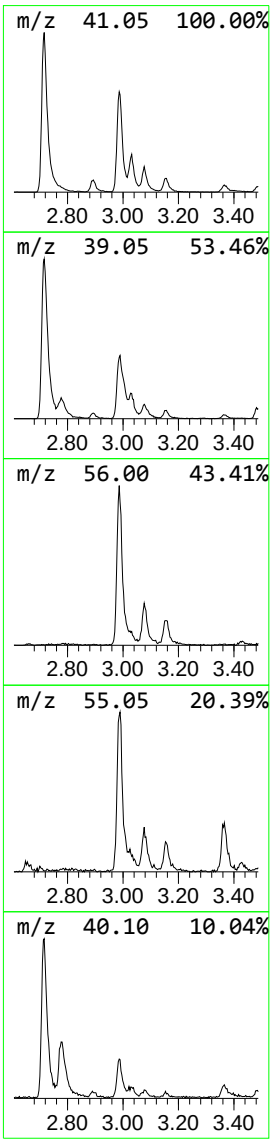
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Propene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.989	3.46 ppbv	1713400	Bromochloromethane	5.202

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	72
3	2-Butene, (E)-	56	C4H8	000624-64-6	49
4	Cyclobutane	56	C4H8	000287-23-0	49
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	49





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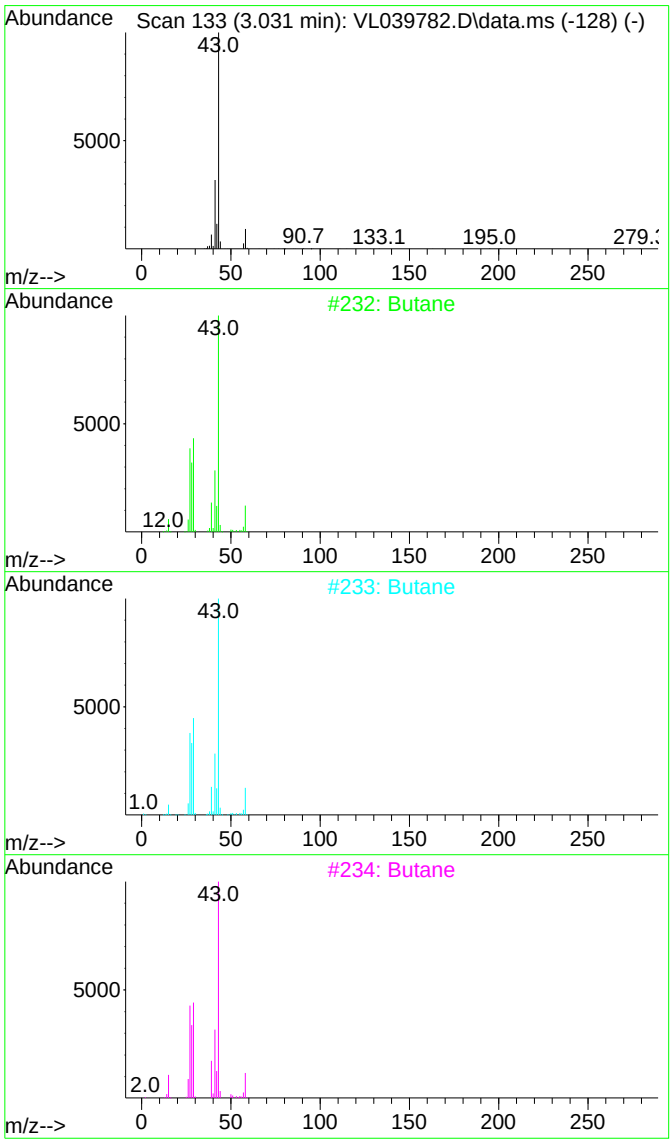
Quant Title :

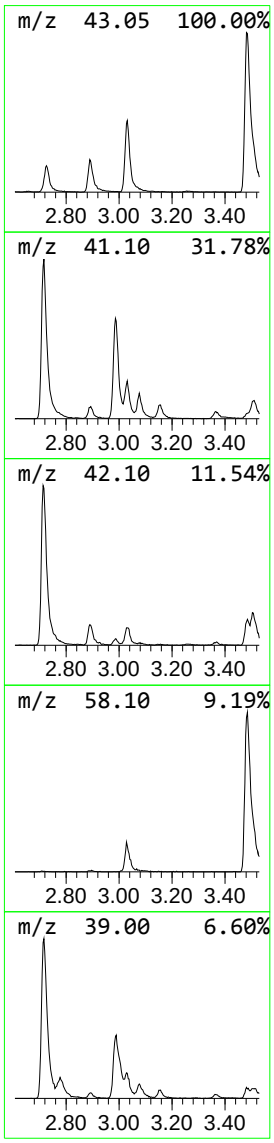
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	1.82 ppbv	899078	Bromochloromethane	5.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	64
2	Butane	58	C4H10	000106-97-8	36
3	Butane	58	C4H10	000106-97-8	9
4	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4
5	Allyl acetate	100	C5H8O2	000591-87-7	4





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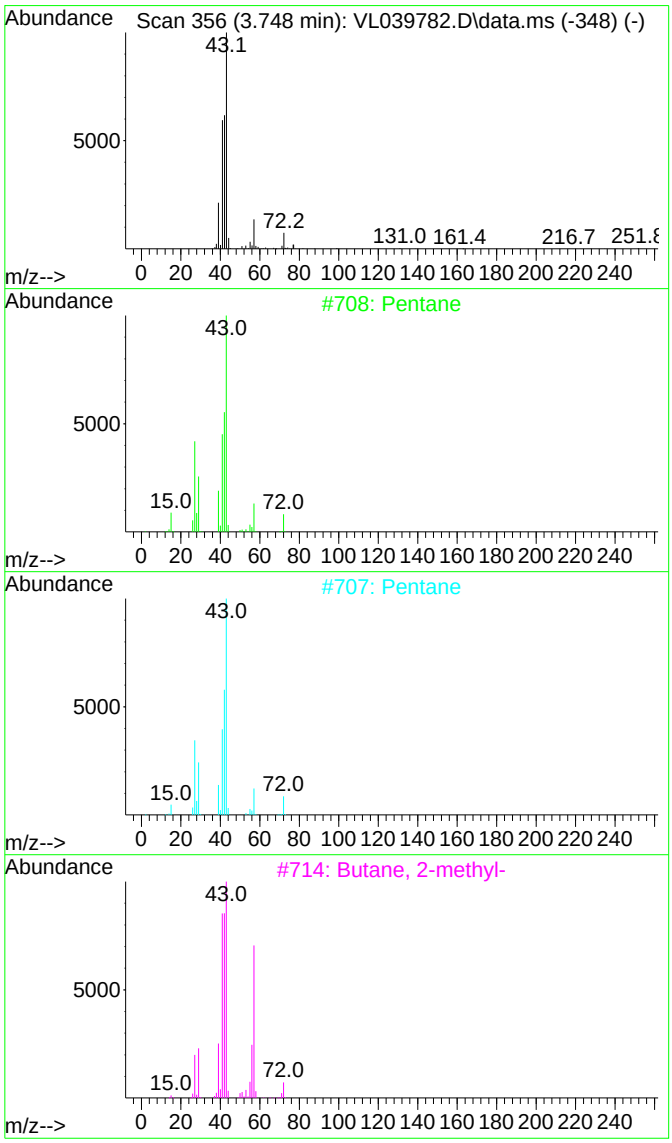
Quant Title :

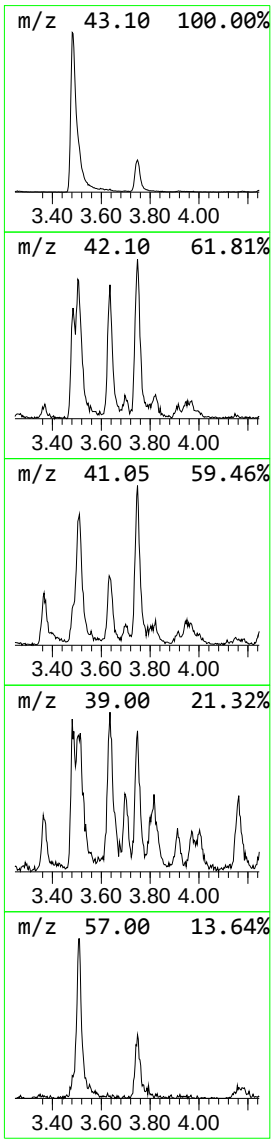
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Pentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.748	1.16 ppbv	573353	Bromochloromethane	5.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	72
3	Butane, 2-methyl-	72	C5H12	000078-78-4	40
4	Pentane	72	C5H12	000109-66-0	36
5	Butane, 2-methyl-	72	C5H12	000078-78-4	28





Tentatively Identified Compound (LSC) summary

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Quant Title :

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 1,1,1,2...	2.803	1.9	ppbv	918297	1	5.202	4950410	10.0
Perfluoro-1-hep...	2.819	1.5	ppbv	757675	1	5.202	4950410	10.0
1-Propene, 2-me...	2.989	3.5	ppbv	1713400	1	5.202	4950410	10.0
Butane	3.031	1.8	ppbv	899078	1	5.202	4950410	10.0
Pentane	3.748	1.2	ppbv	573353	1	5.202	4950410	10.0