

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042279.D
 Acq On : 09 Apr 2025 00:46
 Operator : SY/MD
 Sample : Q1728-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B2-7-04022025

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\VL032725AIR.M

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

Signal : TIC: VL042279.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.431	411	415	421	rBV	2797591	2273873	98.13%	17.481%
2	1.489	428	433	436	rBV2	129521	83350	3.60%	0.641%
3	1.561	449	455	459	rBV	293164	161877	6.99%	1.244%
4	1.603	463	468	471	rBV	130056	73842	3.19%	0.568%
5	1.622	471	474	478	rVB	95943	50863	2.19%	0.391%
6	1.723	501	505	512	rVB	110663	66720	2.88%	0.513%
7	1.836	536	540	549	rVB	3268900	2317278	100.00%	17.815%
8	1.888	549	556	560	rBV	102570	73911	3.19%	0.568%
9	1.965	576	580	585	rBV	70099	48244	2.08%	0.371%
10	2.046	600	605	608	rBV	58541	47361	2.04%	0.364%
11	2.062	608	610	615	rVB	53066	36624	1.58%	0.282%
12	2.153	631	638	643	rBV	123143	93547	4.04%	0.719%
13	2.477	733	738	744	rVB2	57572	57354	2.48%	0.441%
14	2.512	744	749	759	rVB3	29752	31809	1.37%	0.245%
15	2.561	759	764	774	rBV	179229	177917	7.68%	1.368%
16	2.626	776	784	793	rVB2	38135	44389	1.92%	0.341%
17	2.791	824	835	842	rBV	543655	571074	24.64%	4.390%
18	2.829	842	847	853	rVV2	46523	50556	2.18%	0.389%
19	3.661	1091	1104	1110	rBV2	66624	98649	4.26%	0.758%
20	3.697	1110	1115	1127	rVB2	36115	56758	2.45%	0.436%
21	3.962	1184	1197	1212	rBV	673951	1051404	45.37%	8.083%
22	4.059	1216	1227	1234	rBV2	60665	97274	4.20%	0.748%
23	4.273	1279	1293	1305	rBV6	38346	80740	3.48%	0.621%
24	4.652	1396	1410	1421	rVB2	62608	138126	5.96%	1.062%
25	4.985	1505	1513	1525	rVB6	22653	42574	1.84%	0.327%
26	5.671	1707	1725	1726	rBV5	35218	52059	2.25%	0.400%
27	5.678	1726	1727	1742	rVB6	38688	47414	2.05%	0.365%
28	5.781	1744	1759	1760	rBV3	36885	55258	2.38%	0.425%
29	5.788	1760	1761	1777	rVB10	32668	51145	2.21%	0.393%
30	6.205	1879	1890	1903	rBV8	15216	38266	1.65%	0.294%
31	6.276	1903	1912	1931	rVB10	18797	50313	2.17%	0.387%
32	6.746	2040	2057	2073	rBV6	47459	114317	4.93%	0.879%
33	6.943	2101	2118	2136	rBV	241018	493694	21.30%	3.795%
34	7.196	2183	2196	2207	rBV5	24460	54618	2.36%	0.420%
35	7.383	2243	2254	2261	rBV8	16398	33296	1.44%	0.256%
36	7.626	2313	2329	2339	rBV9	51839	126257	5.45%	0.971%

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37	7.901	2403	2414	2426	rBV3	28020	55554	2.40%	0.427%
38	8.141	2480	2488	2499	rVB7	23778	41989	1.81%	0.323%
39	8.312	2532	2541	2556	rVB10	37820	78218	3.38%	0.601%
40	8.885	2701	2718	2728	rBV	929416	1406616	60.70%	10.814%
41	8.947	2728	2737	2744	rVV2	83043	146233	6.31%	1.124%
42	9.005	2744	2755	2764	rVB9	49405	117422	5.07%	0.903%
43	9.102	2776	2785	2792	rBV4	35311	52816	2.28%	0.406%
44	9.151	2792	2800	2809	rBV3	49584	72190	3.12%	0.555%
45	9.225	2814	2823	2834	rVB4	85912	126995	5.48%	0.976%
46	9.361	2855	2865	2869	rBV2	28839	45125	1.95%	0.347%
47	9.422	2878	2884	2891	rVB6	22743	33119	1.43%	0.255%
48	9.533	2910	2918	2923	rBV3	49122	71952	3.11%	0.553%
49	9.558	2923	2926	2936	rVB8	44931	64412	2.78%	0.495%
50	9.717	2966	2975	2989	rBV2	42696	69590	3.00%	0.535%
51	9.872	3011	3023	3029	rVB7	23107	33894	1.46%	0.261%
52	9.966	3037	3052	3059	rBV4	25209	53843	2.32%	0.414%
53	10.381	3160	3180	3190	rBV	1149358	1376508	59.40%	10.582%
54	10.445	3190	3200	3209	rVB7	22621	37424	1.61%	0.288%
55	10.863	3322	3329	3337	rVB3	62015	70104	3.03%	0.539%
56	11.779	3599	3612	3621	rVB2	80108	110999	4.79%	0.853%

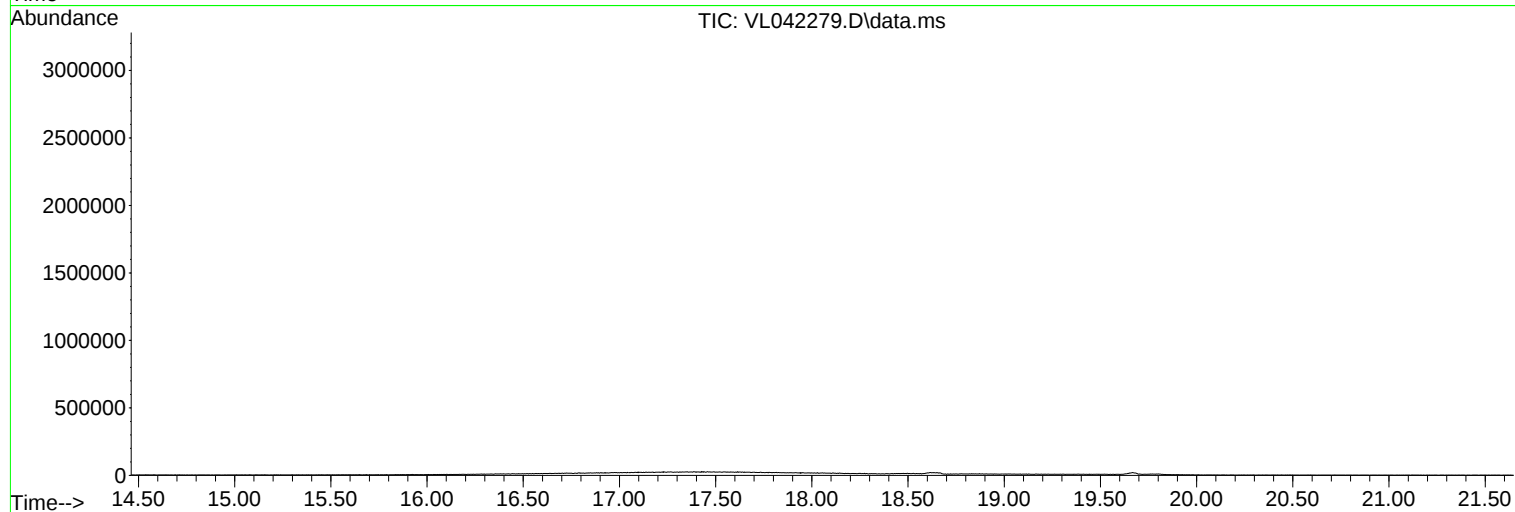
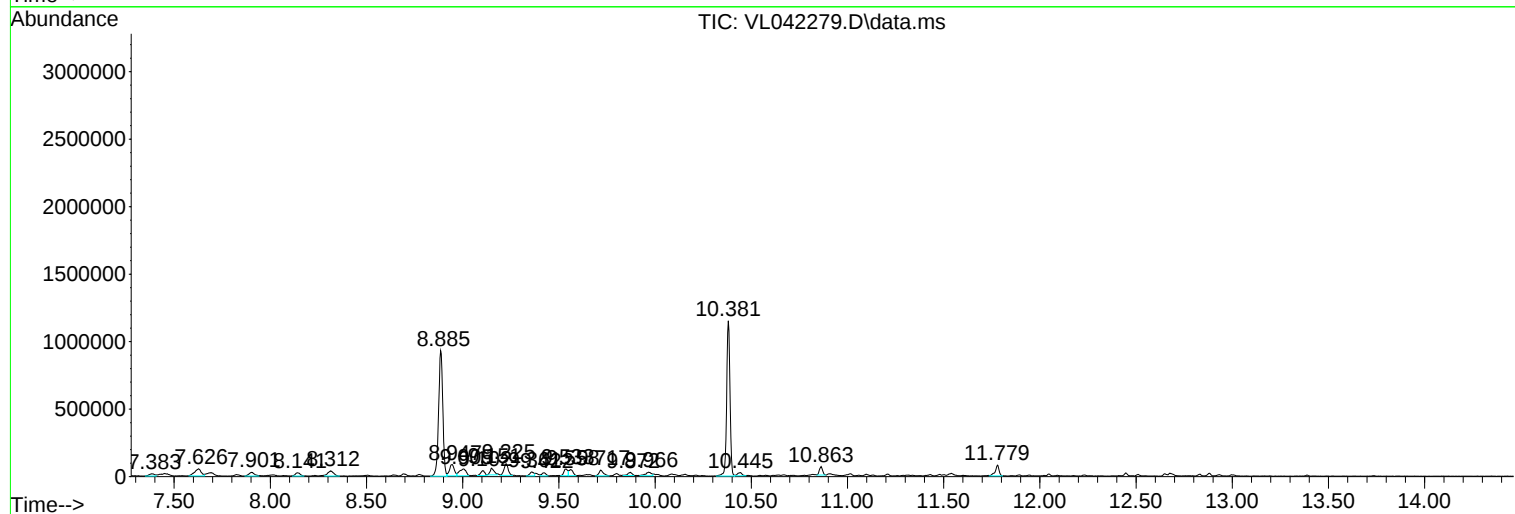
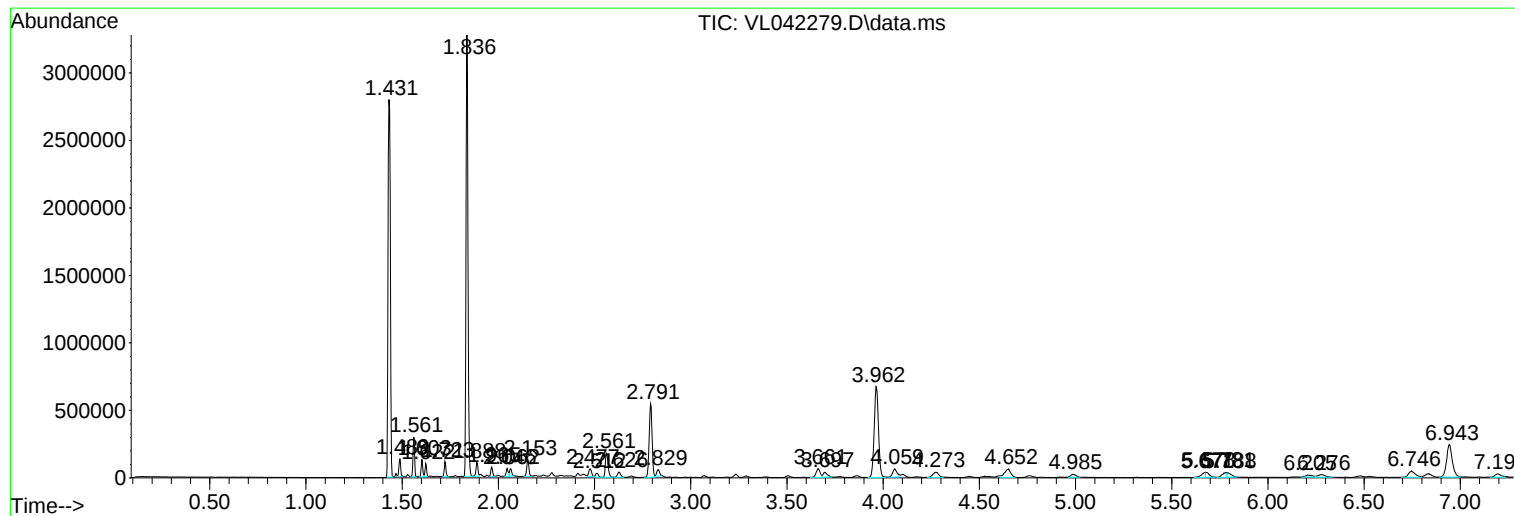
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_L
ClientSampleId :
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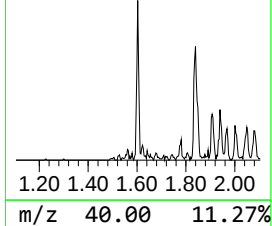
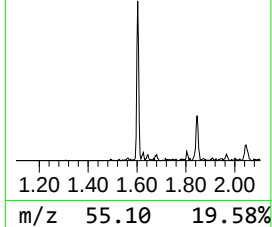
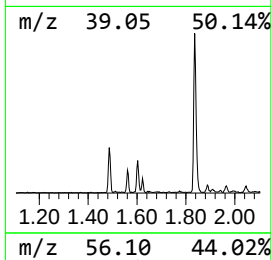
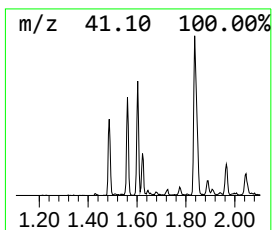
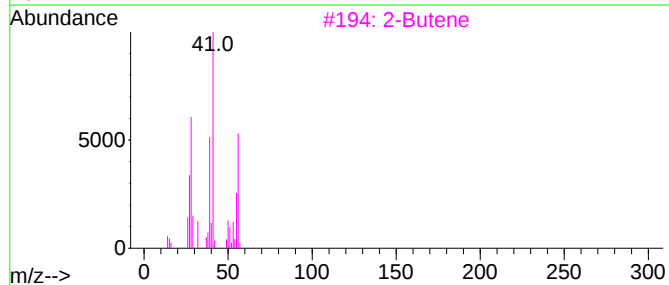
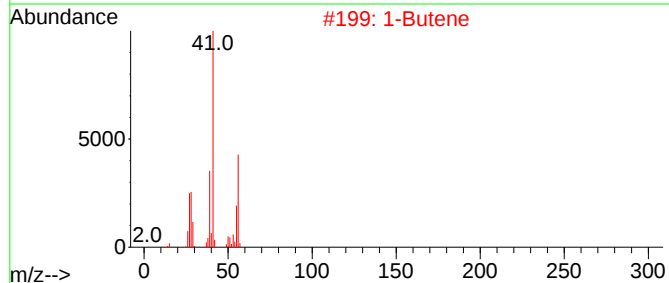
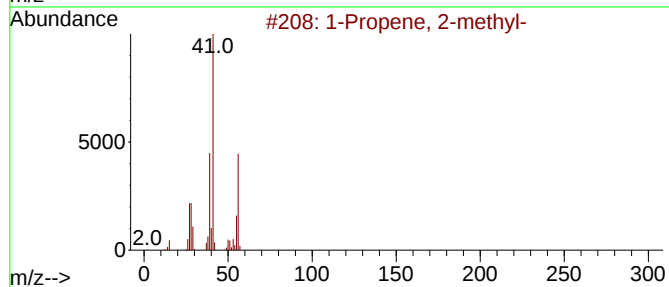
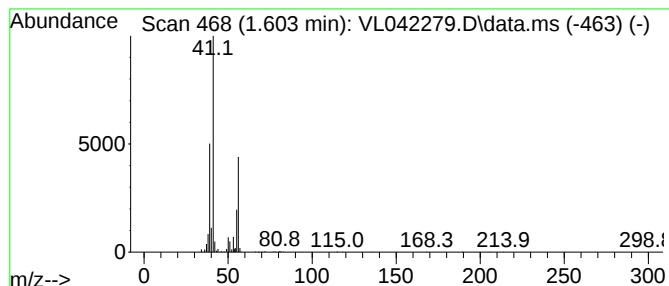
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.603	1.29 ppbv	73842	Bromochloromethane	2.791

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-			56	C4H8	000115-11-7	90
2	1-Butene			56	C4H8	000106-98-9	86
3	2-Butene			56	C4H8	000107-01-7	80
4	2-Butene, (Z)-			56	C4H8	000590-18-1	80
5	1-Propene, 2-methyl-			56	C4H8	000115-11-7	80



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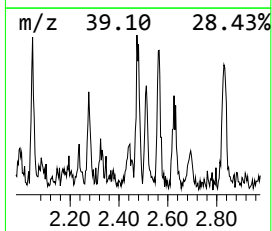
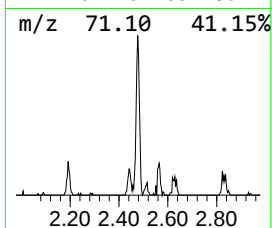
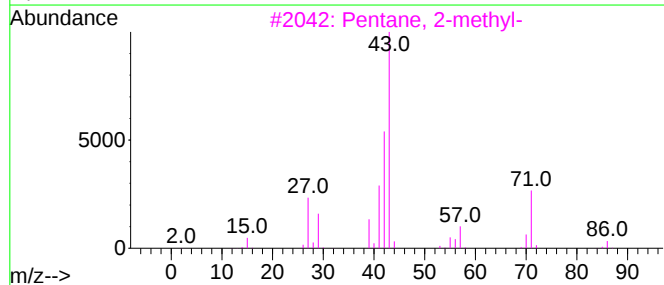
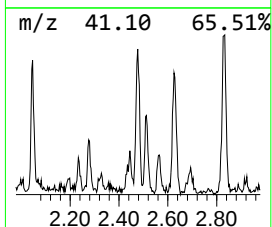
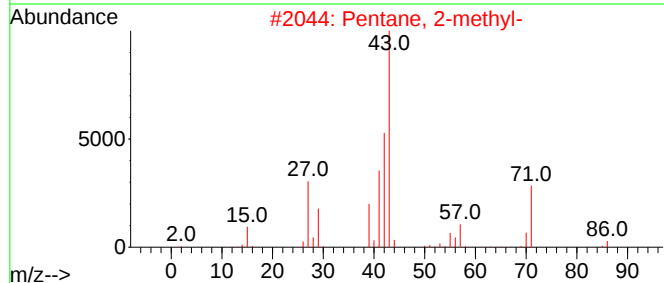
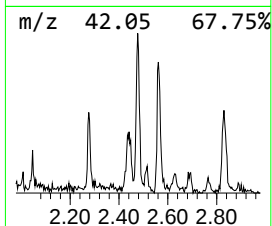
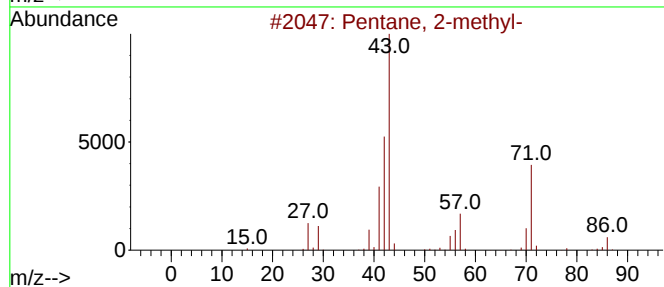
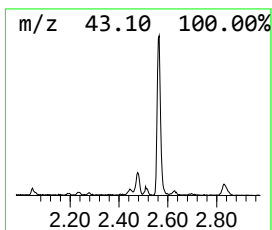
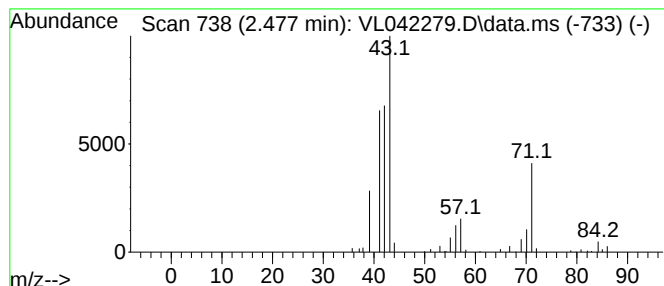
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.477	1.00 ppbv	57354	Bromochloromethane	2.791

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2			Pentane, 2-methyl-	86	C6H14	000107-83-5	86
3			Pentane, 2-methyl-	86	C6H14	000107-83-5	86
4			Pentane, 2-methyl-	86	C6H14	000107-83-5	74
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Propene, 2-me...	1.603	1.3	ppbv	73842	1	2.791	571074	10.0
Pentane, 2-methyl-	2.477	1.0	ppbv	57354	1	2.791	571074	10.0