

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037736.D
 Acq On : 30 Sep 2021 10:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 LabSampleId :
 VSTDCCC010

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % of largest Peak

Start Thrs: 0.001

Max Peaks: 200

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\VL091621AIR.M

Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021

Signal : TIC: VL037736.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.870	13	26	53	rBV	2627272	5551686	18.98%	0.918%
2	2.989	53	63	65	rVV	2116544	2690026	9.20%	0.445%
3	3.005	65	68	75	rVV2	2330733	3273979	11.19%	0.541%
4	3.047	75	81	101	rVV	2486369	4201787	14.37%	0.694%
5	3.140	101	110	116	rVV	894727	1488132	5.09%	0.246%
6	3.185	116	124	139	rVV	4393735	7463124	25.52%	1.233%
7	3.253	139	145	154	rVV	956478	1680169	5.75%	0.278%
8	3.324	154	167	186	rVB2	1702853	3327493	11.38%	0.550%
9	3.472	202	213	230	rBV3	788441	1442561	4.93%	0.238%
10	3.555	230	239	248	rBV2	386726	579494	1.98%	0.096%
11	3.735	280	295	305	rBV2	1179000	2351153	8.04%	0.389%
12	3.780	305	309	321	rVV2	325204	616944	2.11%	0.102%
13	3.845	321	329	347	rVV	952415	1880180	6.43%	0.311%
14	3.948	350	361	392	rVV2	2692764	5799831	19.83%	0.959%
15	4.086	392	404	422	rVV2	458021	960235	3.28%	0.159%
16	4.285	445	466	476	rBV4	3093013	6386130	21.84%	1.055%
17	4.340	476	483	495	rVV	1685458	3217722	11.00%	0.532%
18	4.407	495	504	516	rVV	1699511	3198317	10.94%	0.529%
19	4.481	516	527	539	rVV2	3532420	7096527	24.27%	1.173%
20	4.546	539	547	567	rVV	1261508	2617279	8.95%	0.433%
21	4.639	567	576	589	rVB2	264270	515652	1.76%	0.085%
22	4.880	639	651	672	rBV2	1891283	3693241	12.63%	0.610%
23	5.025	677	696	703	rVV2	2167311	5798152	19.83%	0.958%
24	5.066	703	709	728	rVV	1437485	3134338	10.72%	0.518%
25	5.163	731	739	752	rVV4	316973	644163	2.20%	0.106%
26	5.237	752	762	788	rVB	1172500	2453150	8.39%	0.405%
27	5.542	844	857	881	rBV	2484362	5072596	17.35%	0.838%
28	5.671	881	897	911	rVV4	5933900	15389478	52.62%	2.543%
29	5.745	911	920	947	rVB	3098616	7039912	24.07%	1.163%
30	6.044	1000	1013	1040	rBV2	1252248	2811884	9.61%	0.465%
31	6.298	1078	1092	1118	rBV	1820979	3965832	13.56%	0.655%
32	6.504	1139	1156	1189	rBV	3283885	7357430	25.16%	1.216%
33	6.883	1259	1274	1299	rBV	3667272	7918568	27.08%	1.309%
34	7.012	1299	1314	1334	rVV3	3425445	7718500	26.39%	1.276%
35	7.124	1334	1349	1355	rVV2	3651878	7693690	26.31%	1.272%
36	7.166	1355	1362	1386	rVB	4410246	9488082	32.44%	1.568%

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Integrator: RTE

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37	7.465	1443	1455	1470	rBV3	437075	949790	3.25%	0.157%
38	7.607	1483	1499	1530	rVB2	3173894	7114590	24.33%	1.176%
39	7.783	1538	1554	1560	rBV	3312360	6747309	23.07%	1.115%
40	7.857	1560	1577	1610	rVV3	5762319	22901781	78.31%	3.785%

41	8.005	1610	1623	1643	rVV2	3011638	6626976	22.66%	1.095%
42	8.115	1643	1657	1688	rVB3	4464274	10149338	34.70%	1.677%
43	8.693	1822	1837	1842	rBV2	2355221	4446801	15.21%	0.735%
44	8.732	1842	1849	1882	rVB	2538283	6453429	22.07%	1.067%
45	9.269	1999	2016	2034	rBV2	1769067	3848702	13.16%	0.636%

46	9.465	2062	2077	2104	rBV2	3596135	8077968	27.62%	1.335%
47	9.796	2162	2180	2206	rBV3	4631513	10460333	35.77%	1.729%
48	10.127	2268	2283	2314	rBV	1114083	2797185	9.56%	0.462%
49	10.295	2316	2335	2357	rBV2	3221478	7486975	25.60%	1.237%
50	10.413	2362	2372	2391	rVB4	361861	823140	2.81%	0.136%

51	10.600	2414	2430	2463	rBV	2217327	5230129	17.88%	0.864%
52	11.211	2601	2620	2643	rBV3	4603718	10781725	36.87%	1.782%
53	12.076	2869	2889	2895	rBV	4578532	10609246	36.28%	1.753%
54	12.127	2895	2905	2933	rVB5	6504798	19115521	65.36%	3.159%
55	12.700	3062	3083	3101	rBV	5189476	12337434	42.19%	2.039%

56	12.957	3145	3163	3166	rBV3	5508948	10309652	35.25%	1.704%
57	12.986	3166	3172	3181	rVV2	5820842	13697072	46.84%	2.264%
58	13.024	3181	3184	3213	rVB3	3149602	6358261	21.74%	1.051%
59	13.513	3318	3336	3358	rBV2	3497557	8461935	28.93%	1.398%
60	13.674	3364	3386	3411	rBV3	7497125	20691023	70.75%	3.420%

61	14.275	3559	3573	3588	rBV4	270037	585963	2.00%	0.097%
62	14.404	3595	3613	3630	rBV2	4543171	11126915	38.05%	1.839%
63	14.658	3671	3692	3714	rBV3	5724011	14473923	49.49%	2.392%
64	15.439	3913	3935	3953	rBV3	5067946	12294909	42.04%	2.032%
65	15.545	3953	3968	3992	rVV	5761641	14378064	49.16%	2.376%

66	15.825	4041	4055	4076	rVB3	5193717	12179261	41.65%	2.013%
67	15.986	4087	4105	4125	rBV	5401534	12967145	44.34%	2.143%
68	16.741	4315	4340	4372	rBV6	9711913	29245128	100.00%	4.833%
69	16.979	4394	4414	4437	rBV3	5370982	13507542	46.19%	2.232%
70	17.121	4442	4458	4484	rVV2	4746839	11532567	39.43%	1.906%

71	17.278	4491	4507	4530	rVB2	6529483	16353598	55.92%	2.703%
72	17.638	4596	4619	4652	rBV3	6838872	16745563	57.26%	2.768%
73	17.799	4652	4669	4693	rBV2	4627378	11422432	39.06%	1.888%
74	18.532	4878	4897	4930	rBV2	6331774	16072914	54.96%	2.656%
75	21.905	5925	5946	5970	rBV3	3661633	10975562	37.53%	1.814%

76	22.175	6008	6030	6056	rBV	2349588	6895941	23.58%	1.140%
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LabSampleId :
VSTDCCC010

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.001 Max Peaks: 200
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\VL091621AIR.M
Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021

77	22.728	6185	6202	6220	rBV10	137904	400159	1.37%	0.066%
78	23.358	6377	6398	6420	rBV3	6620812	17654496	60.37%	2.918%
79	24.956	6880	6895	6920	rBV2	1464193	3272674	11.19%	0.541%

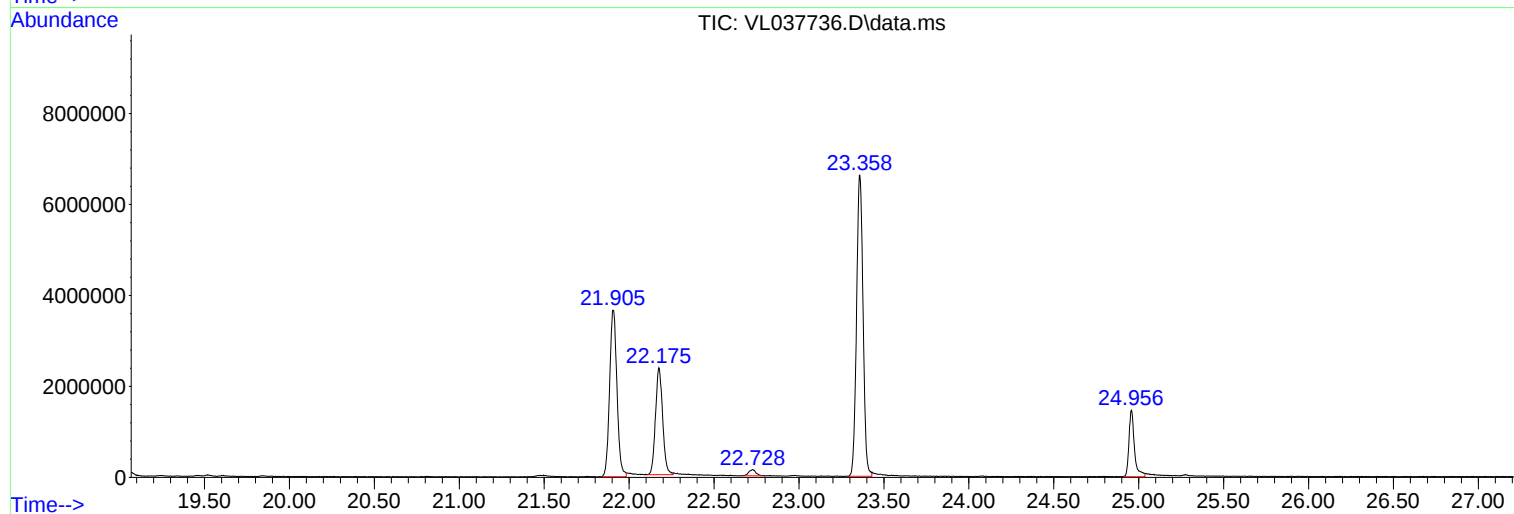
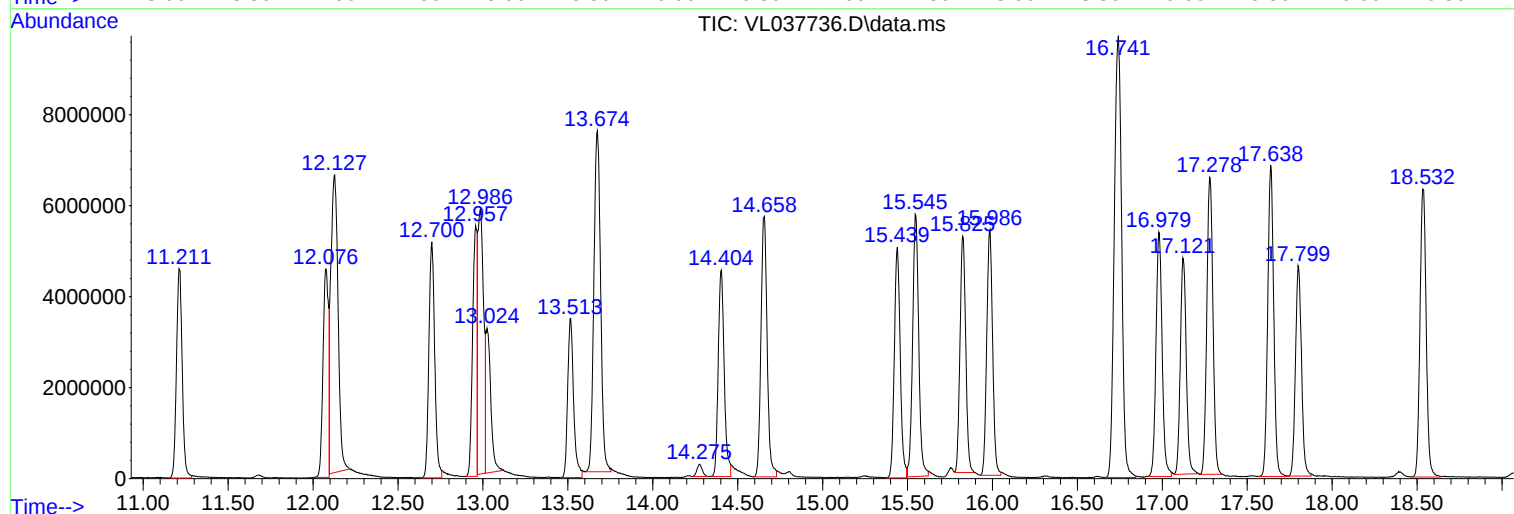
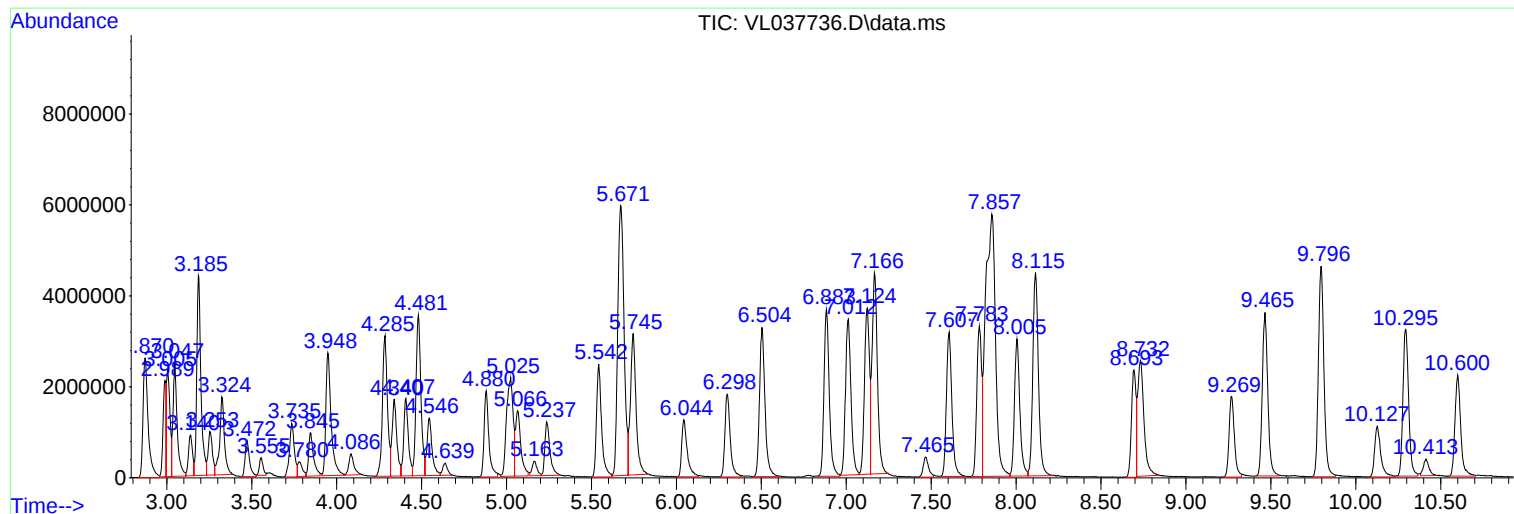
Sum of corrected areas: 605078508

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Instrument :
MSVOA_L
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
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Instrument :
MSVOA_L
LabSampleId :
VSTDCCC010

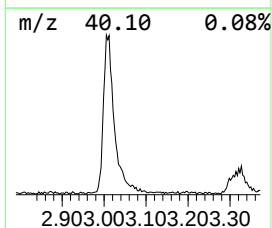
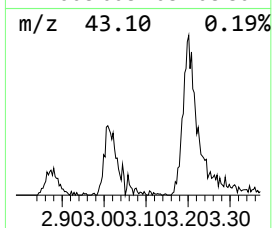
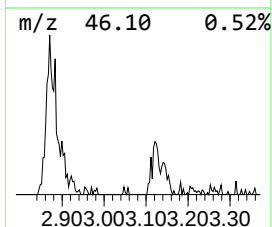
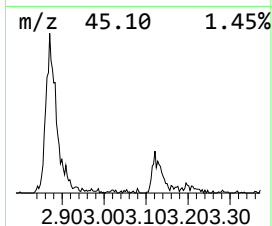
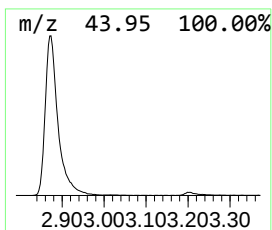
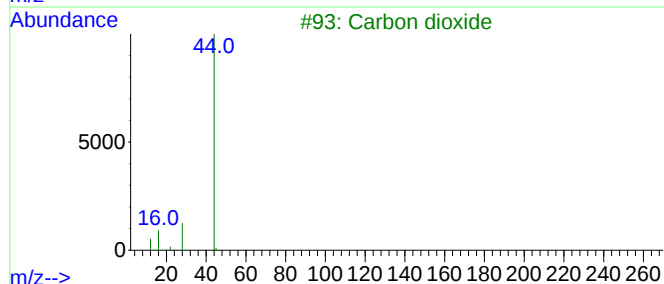
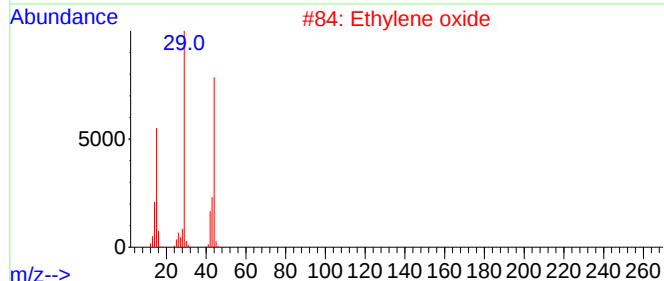
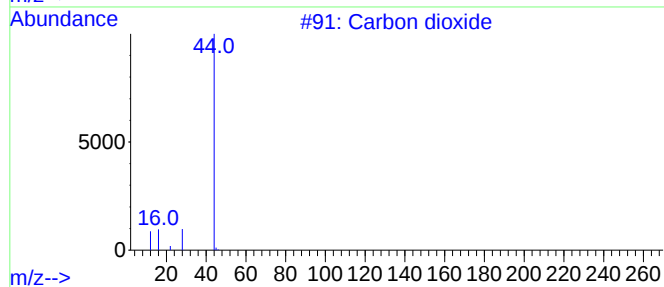
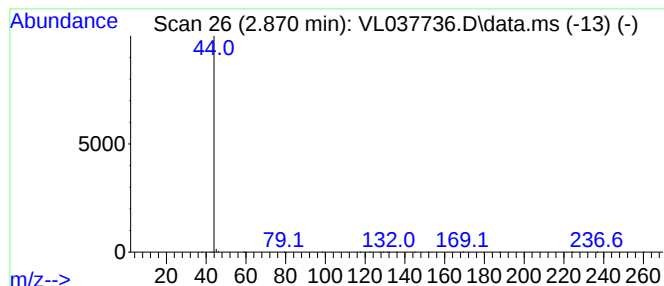
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021

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

Peak Number 1 Carbon dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.870	3.61 ppbv	5551690	Bromochloromethane	5.658

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbon dioxide	44	CO2	000124-38-9	4
2			Ethylene oxide	44	C2H4O	000075-21-8	3
3			Carbon dioxide	44	CO2	000124-38-9	3
4			Carbon dioxide	44	CO2	000124-38-9	3
5			Ethylene oxide	44	C2H4O	000075-21-8	3



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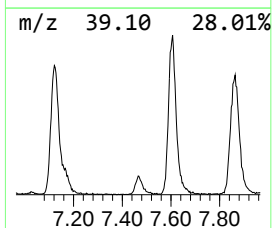
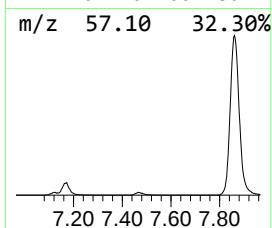
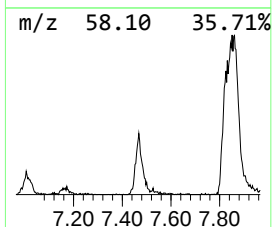
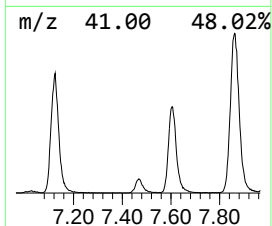
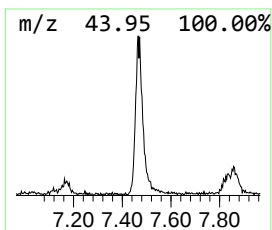
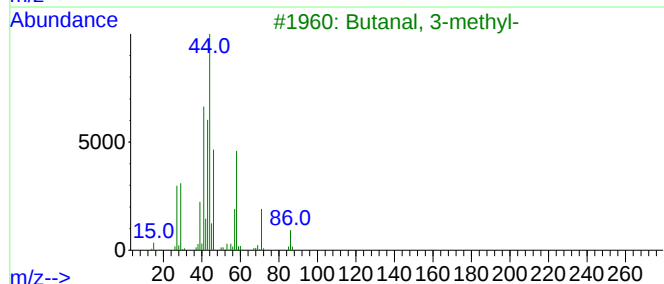
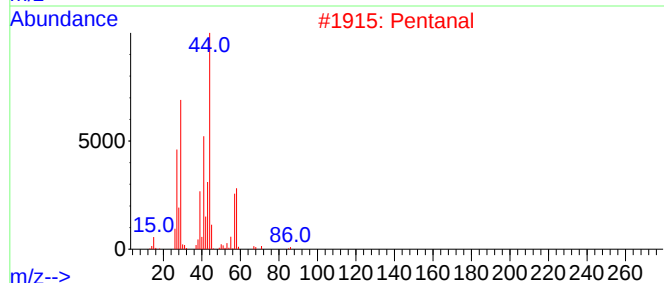
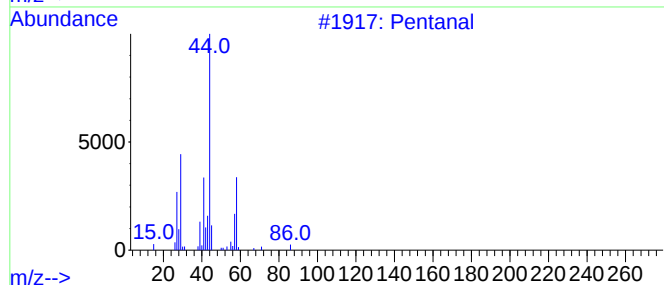
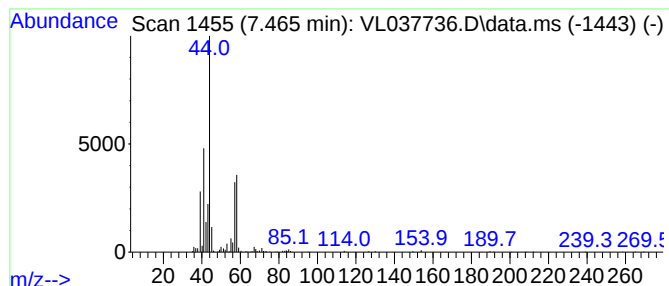
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.465	1.00 ppbv	949790	1,4-Difluorobenzene	7.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	72
2	Pentanal			86	C5H10O	000110-62-3	72
3	Butanal, 3-methyl-			86	C5H10O	000590-86-3	64
4	Pentanal			86	C5H10O	000110-62-3	64
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	56



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TIC Library : C:\DATABASE\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Carbon dioxide	2.870	3.6	ppbv	5551690	1	5.658	15389500	10.0
Pentanal	7.465	1.0	ppbv	949790	2	7.169	9488080	10.0