

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042293.D
 Acq On : 09 Apr 2025 15:15
 Operator : SY/MD
 Sample : Q1665-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B9-1-3242025

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: VL042293.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.428	409	414	420	rBV	4017627	4259013	100.00%	36.952%
2	1.473	423	428	430	rBV	65327	47061	1.10%	0.408%
3	1.486	430	432	435	rVB	301256	120629	2.83%	1.047%
4	1.557	449	454	458	rBV2	147440	77747	1.83%	0.675%
5	1.619	470	473	477	rVB	151441	76764	1.80%	0.666%
6	1.719	500	504	509	rBV	117390	70063	1.65%	0.608%
7	1.832	535	539	547	rBV	427013	342294	8.04%	2.970%
8	1.884	547	555	567	rVV	760467	514963	12.09%	4.468%
9	1.962	575	579	584	rVB	64942	43543	1.02%	0.378%
10	2.059	600	609	620	rBV3	67970	63176	1.48%	0.548%
11	2.505	741	747	756	rVB2	262854	238162	5.59%	2.066%
12	2.554	756	762	774	rVB	219238	210809	4.95%	1.829%
13	2.784	824	833	840	rBV	577319	600058	14.09%	5.206%
14	2.823	840	845	856	rVB2	234561	264482	6.21%	2.295%
15	3.952	1181	1194	1206	rBV	693894	1051476	24.69%	9.123%
16	6.930	2100	2114	2129	rBV2	32120	73043	1.72%	0.634%
17	8.875	2702	2715	2725	rBV	854795	1196039	28.08%	10.377%
18	10.374	3164	3178	3191	rBV	1083409	1235983	29.02%	10.724%
19	10.801	3297	3310	3320	rBV	722340	786914	18.48%	6.827%
20	10.853	3320	3326	3335	rVB	165665	197699	4.64%	1.715%
21	11.422	3496	3502	3512	rVB4	47525	55874	1.31%	0.485%

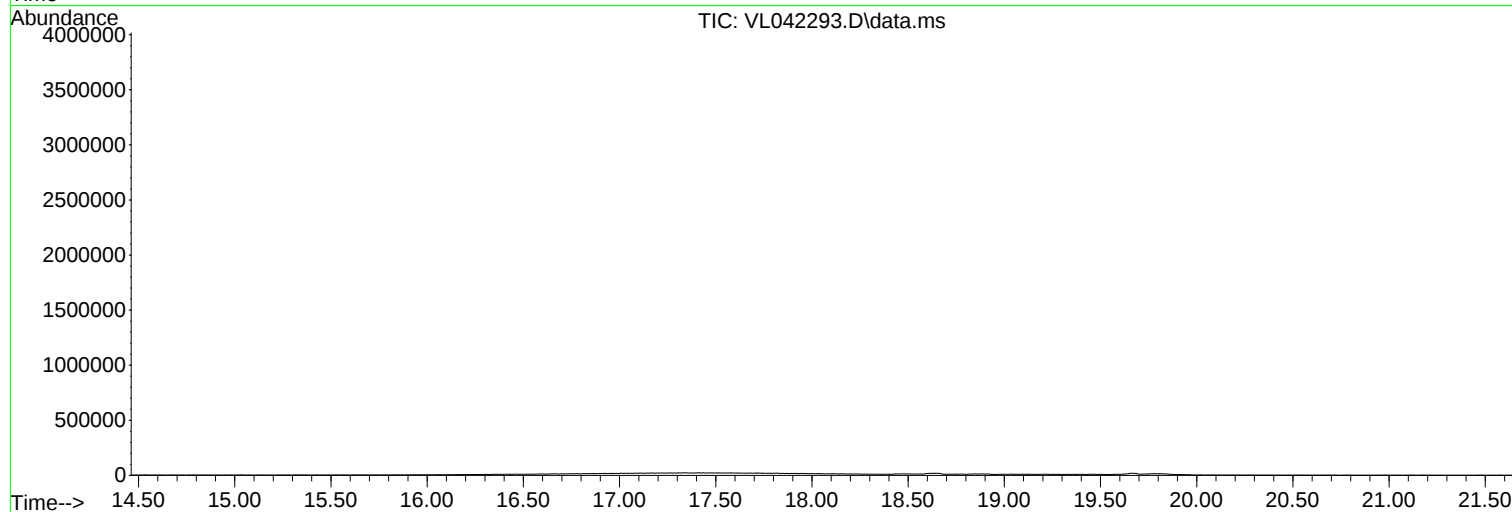
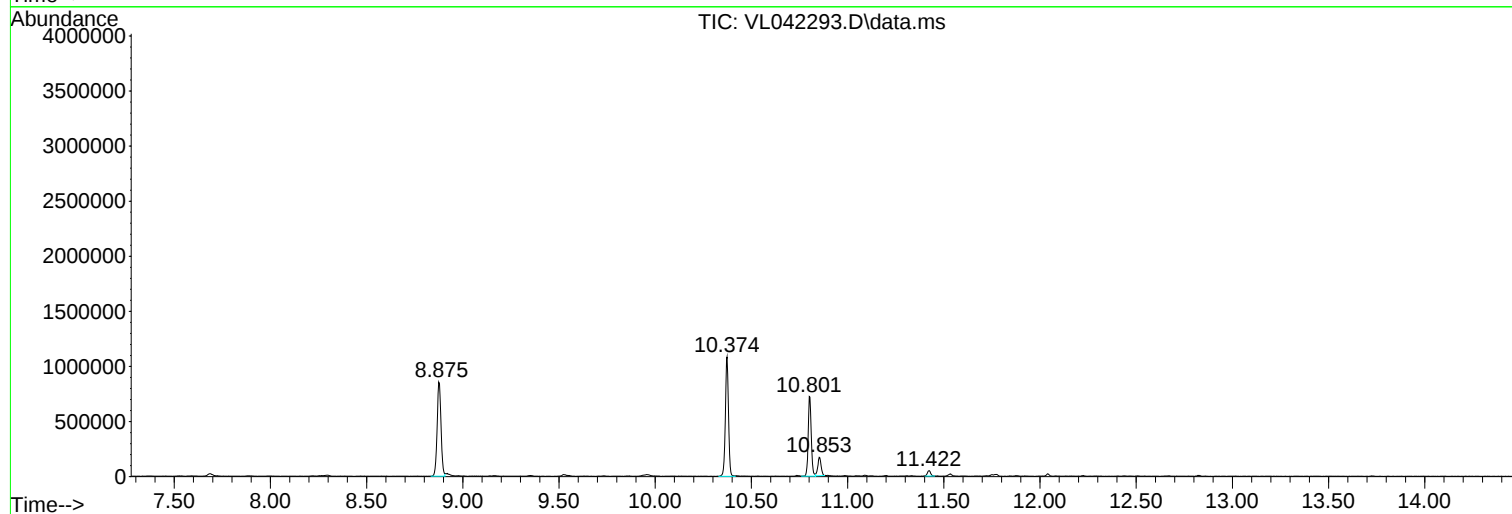
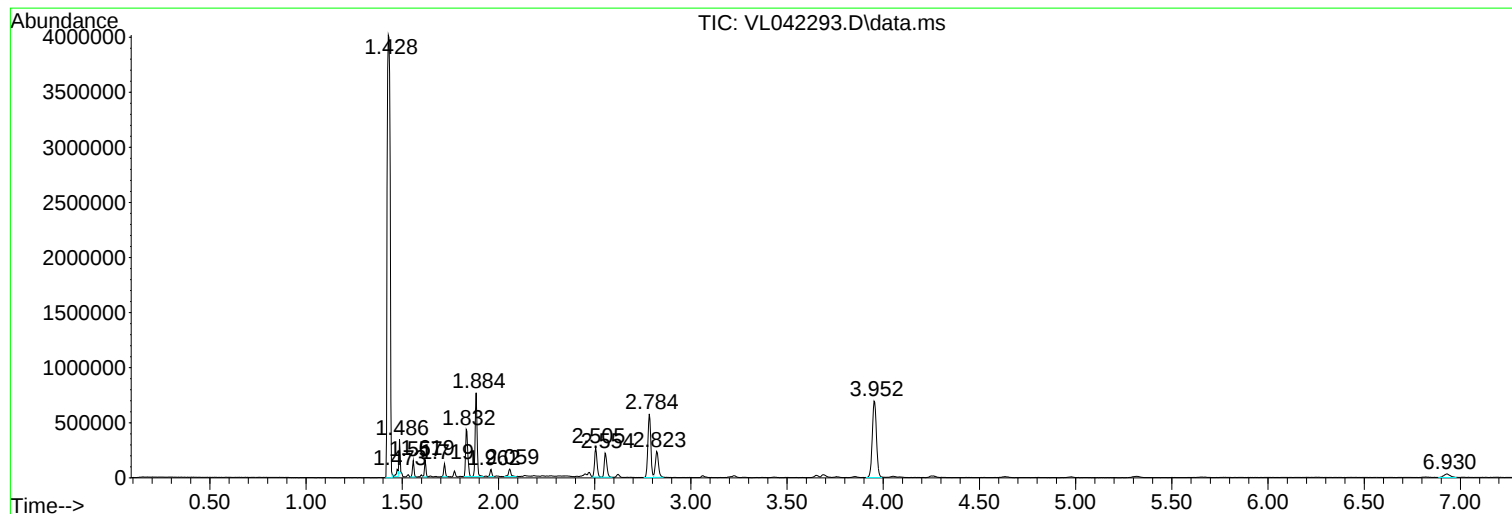
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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



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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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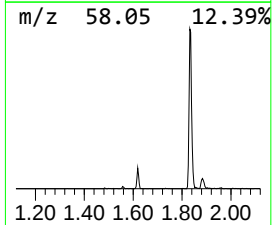
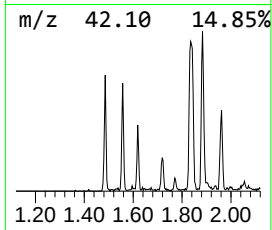
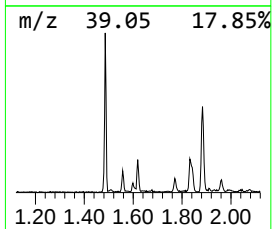
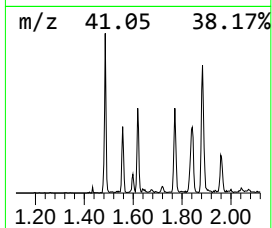
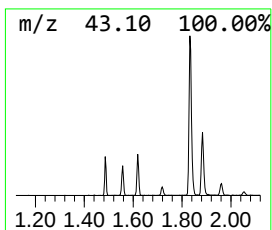
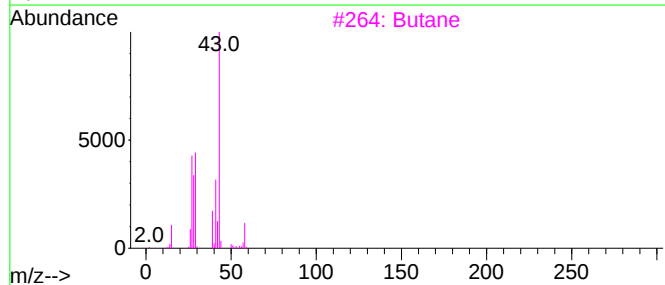
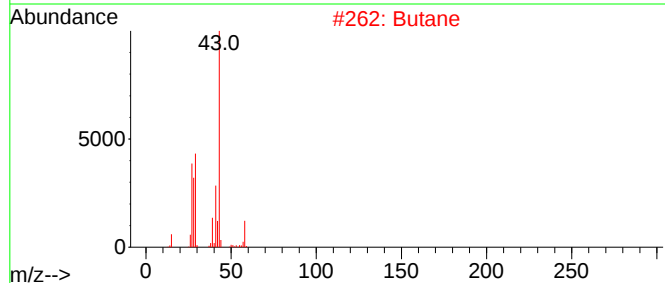
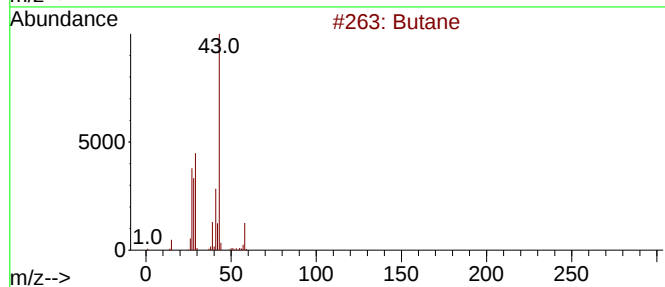
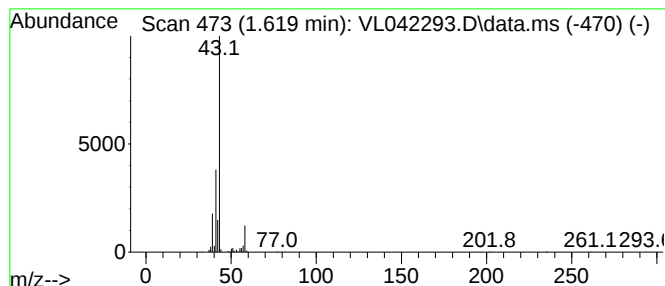
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 1 Butane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.619	1.28 ppbv	76764	Bromochloromethane	2.784

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane			58	C4H10	000106-97-8	72
2	Butane			58	C4H10	000106-97-8	72
3	Butane			58	C4H10	000106-97-8	72
4	Butane			58	C4H10	000106-97-8	59
5	Acetone			58	C3H6O	000067-64-1	5



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Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3242025

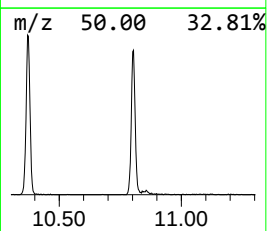
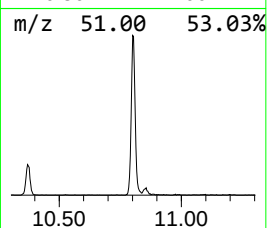
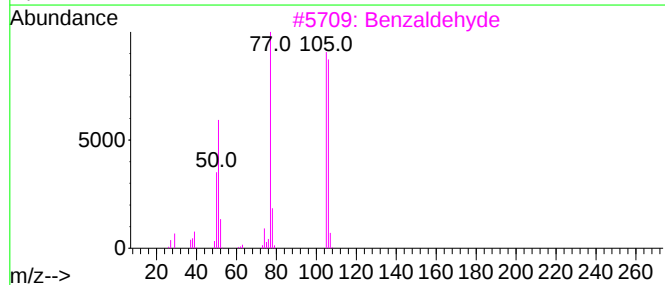
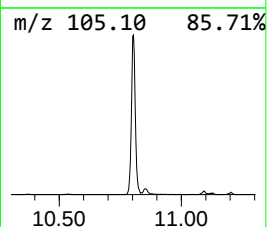
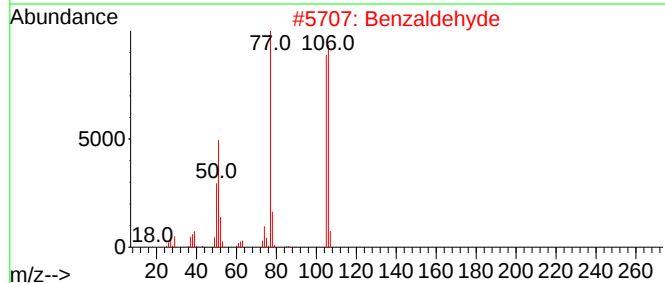
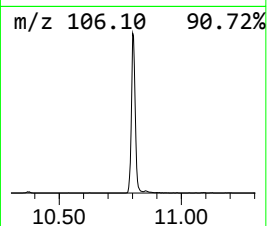
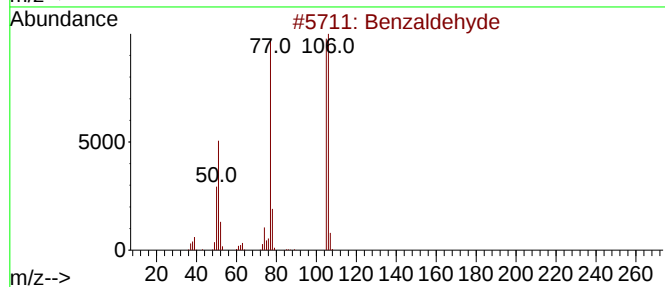
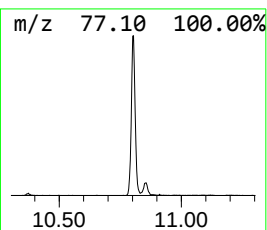
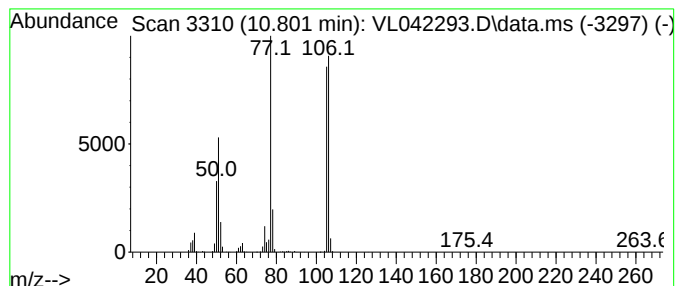
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 2 Benzaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.801	6.58 ppbv	786914	Chlorobenzene-d5	8.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde	106	C7H6O	000100-52-7	97
2			Benzaldehyde	106	C7H6O	000100-52-7	96
3			Benzaldehyde	106	C7H6O	000100-52-7	96
4			Benzaldehyde	106	C7H6O	000100-52-7	95
5			Benzaldehyde	106	C7H6O	000100-52-7	91



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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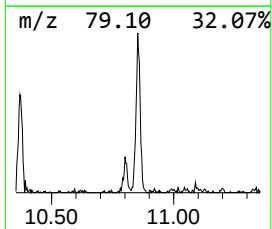
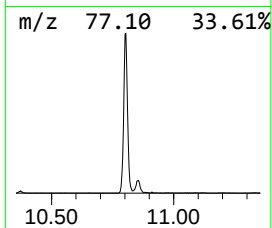
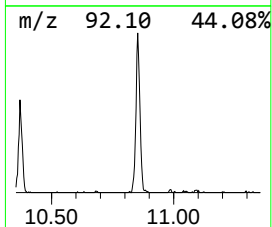
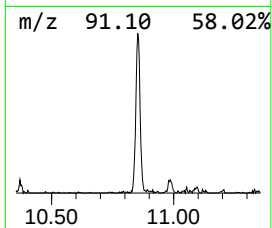
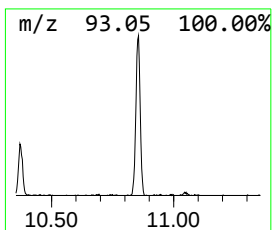
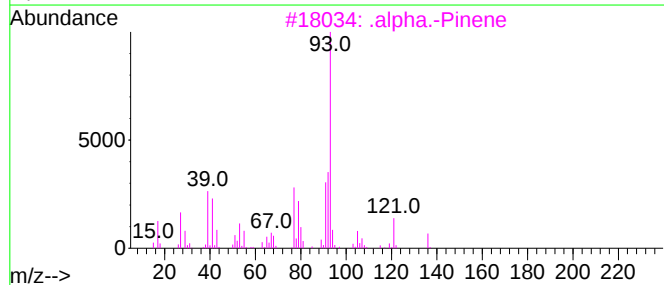
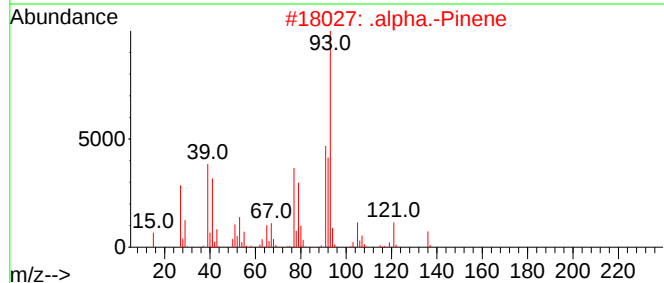
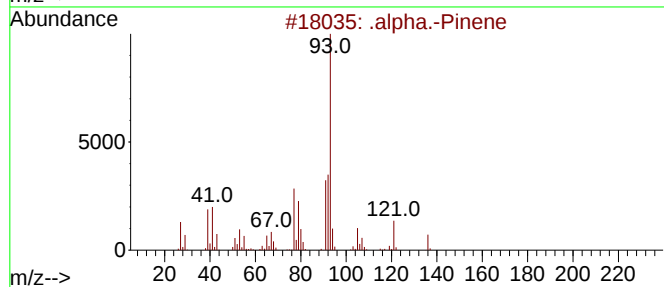
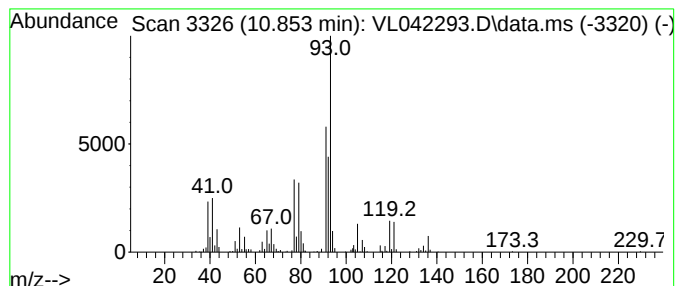
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 3 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.853	1.65 ppbv	197699	Chlorobenzene-d5	8.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	97
2	.		.alpha.-Pinene	136	C10H16	000080-56-8	93
3	.		.alpha.-Pinene	136	C10H16	000080-56-8	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	90
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...			136	C10H16	000488-97-1	87



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane	1.619	1.3	ppbv	76764	1	2.784	600058	10.0
Benzaldehyde	10.801	6.6	ppbv	786914	3	8.875	1196040	10.0
.alpha.-Pinene	10.853	1.6	ppbv	197699	3	8.875	1196040	10.0