

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042275.D
 Acq On : 08 Apr 2025 22:42
 Operator : SY/MD
 Sample : Q1728-12 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B1-3-04012025

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: VL042275.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.434	411	416	421	rBV	4161752	4667001	100.00%	33.802%
2	1.560	451	455	460	rBV	127933	70932	1.52%	0.514%
3	1.606	463	469	472	rVV	118206	68942	1.48%	0.499%
4	1.839	536	541	550	rBV	552799	377045	8.08%	2.731%
5	1.890	550	557	562	rBV	223224	157659	3.38%	1.142%
6	2.794	828	836	844	rBV	575476	598255	12.82%	4.333%
7	2.855	844	855	865	rVB	263998	319571	6.85%	2.315%
8	3.968	1187	1199	1213	rBV	700254	1077567	23.09%	7.805%
9	6.943	2107	2118	2129	rBV4	31533	63407	1.36%	0.459%
10	8.891	2704	2720	2729	rBV	901927	1266924	27.15%	9.176%
11	8.950	2729	2738	2748	rVB3	77342	122860	2.63%	0.890%
12	10.383	3165	3181	3193	rBV	1148907	1325641	28.40%	9.601%
13	11.782	3601	3613	3623	rVB3	99227	135911	2.91%	0.984%
14	12.235	3745	3753	3757	rBV	186714	215373	4.61%	1.560%
15	12.257	3757	3760	3775	rVB	208087	225659	4.84%	1.634%
16	12.445	3811	3818	3833	rVB	101267	146106	3.13%	1.058%
17	12.516	3833	3840	3847	rBV2	47593	55214	1.18%	0.400%
18	12.659	3874	3884	3887	rBV6	36928	49676	1.06%	0.360%
19	13.390	4100	4110	4120	rBV	2690107	2863041	61.35%	20.736%

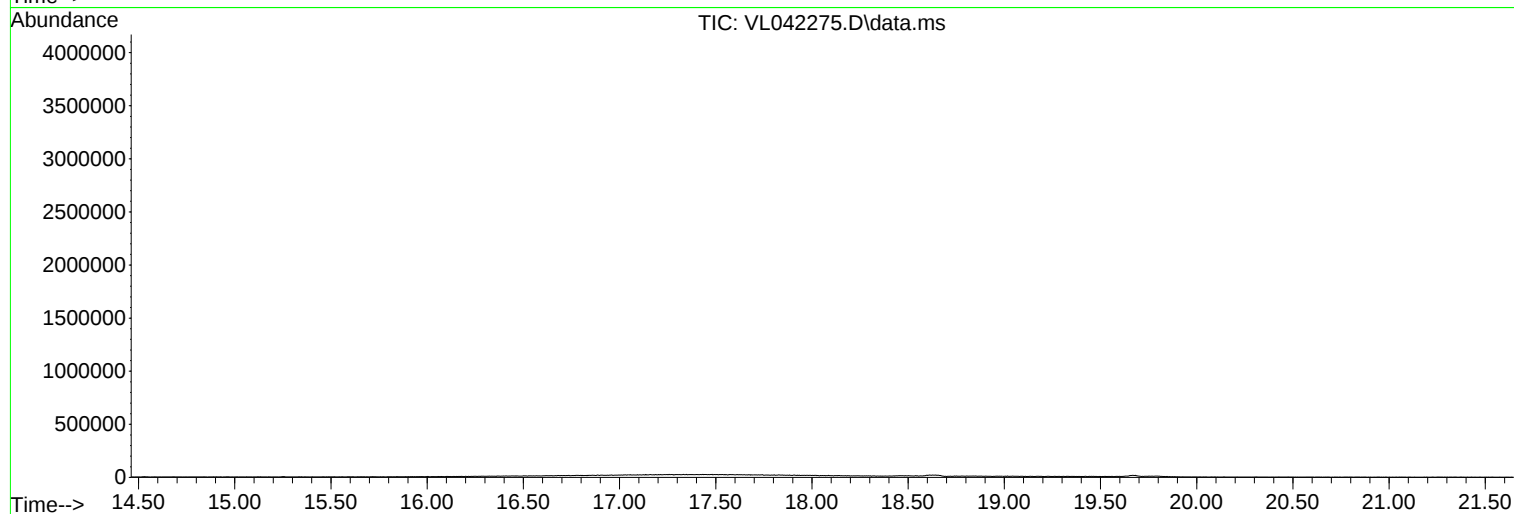
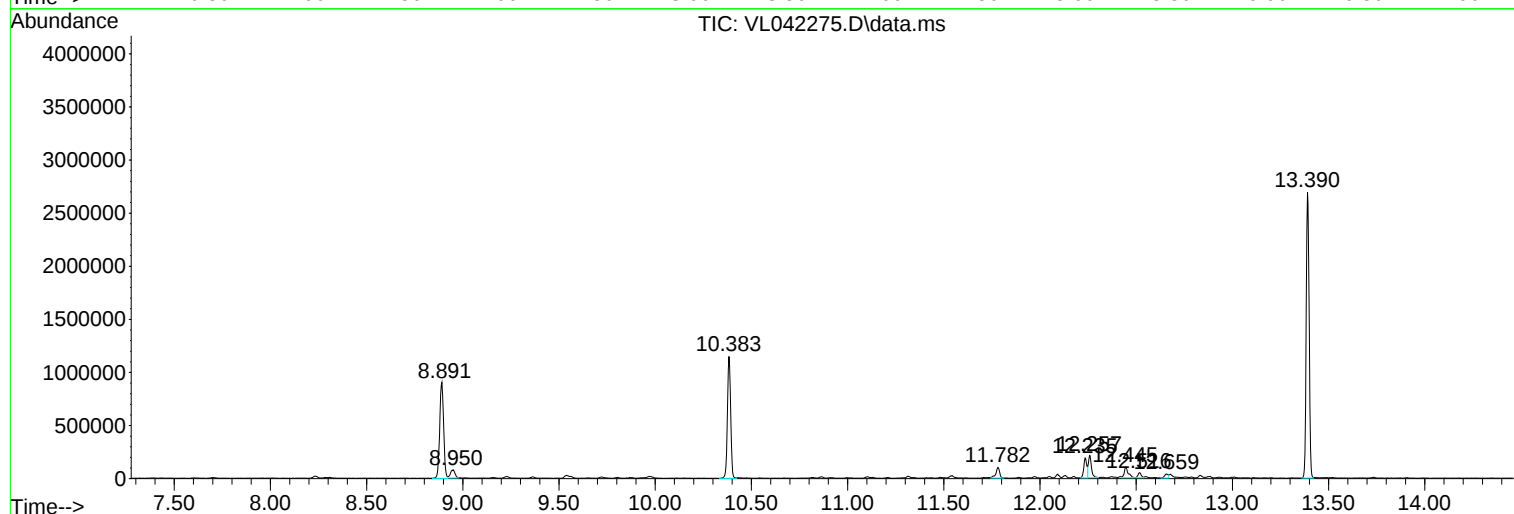
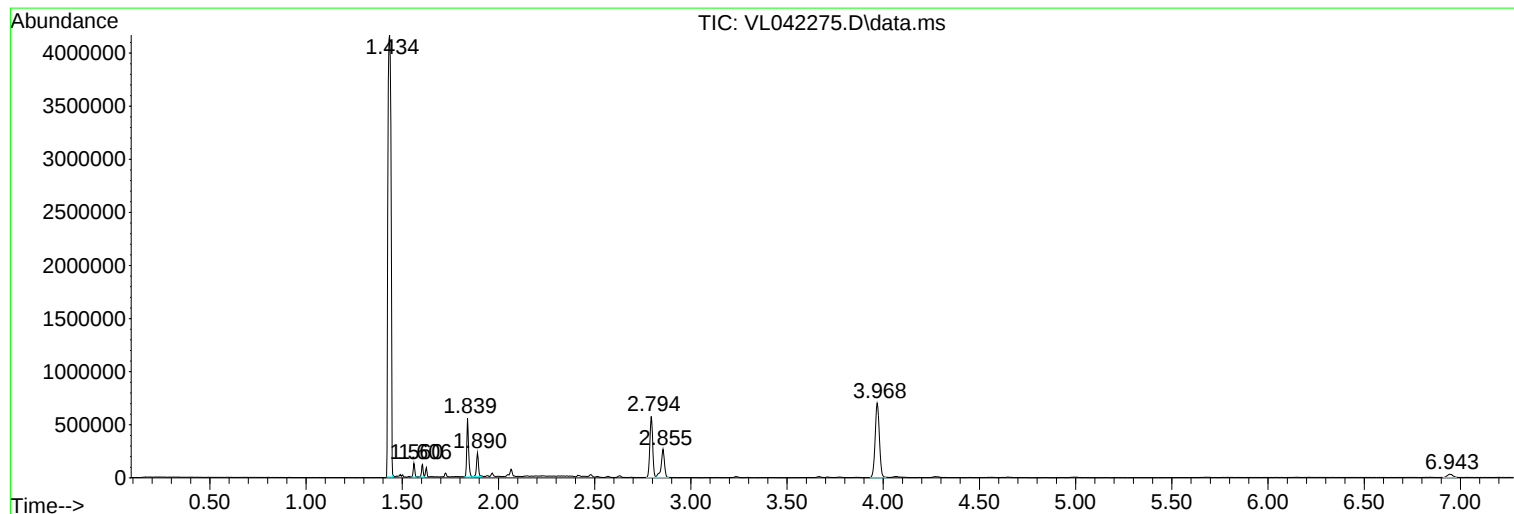
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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



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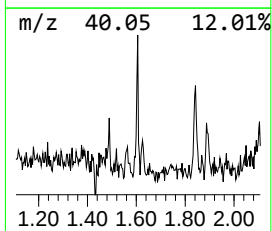
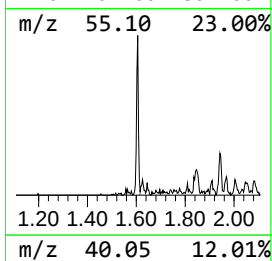
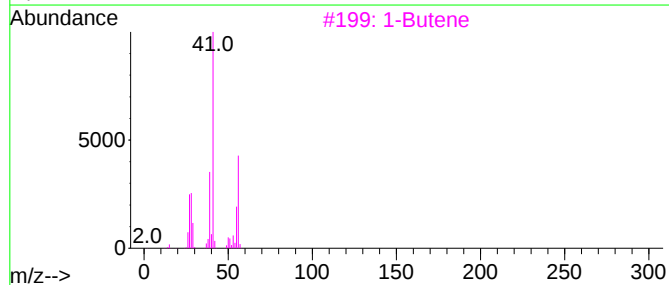
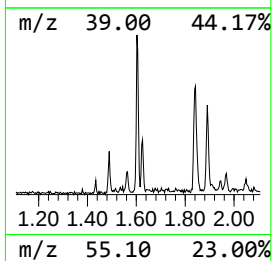
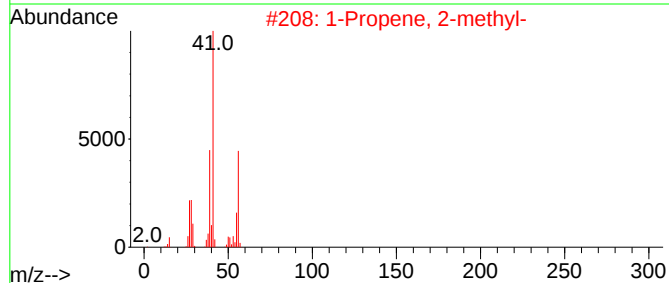
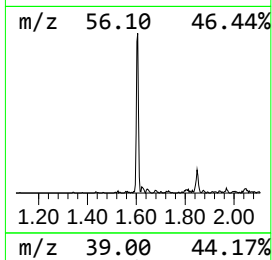
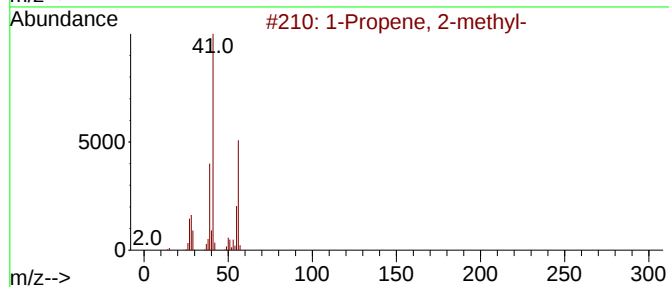
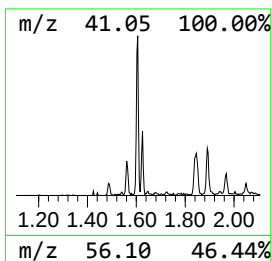
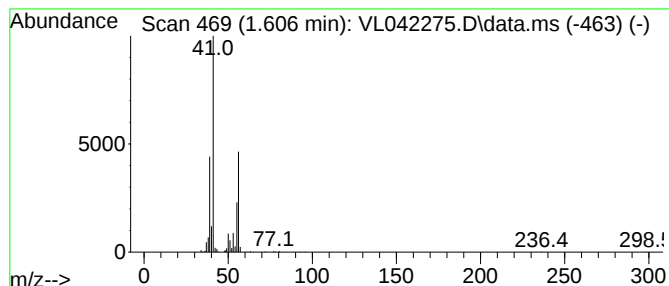
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.606	1.15 ppbv	68942	Bromochloromethane	2.794

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90	
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87	
3	1-Butene	56	C4H8	000106-98-9	86	
4	1-Butene	56	C4H8	000106-98-9	86	
5	1-Butene	56	C4H8	000106-98-9	86	



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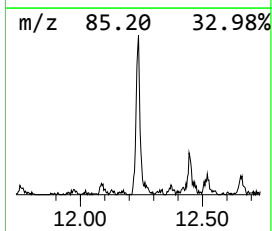
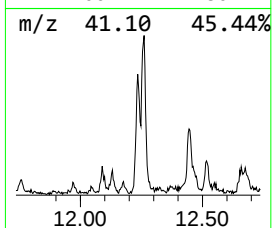
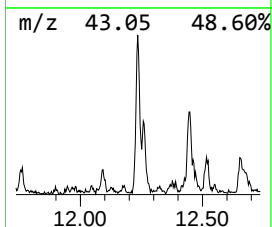
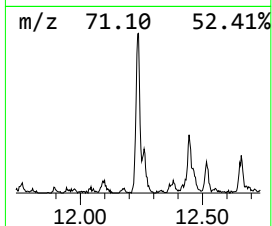
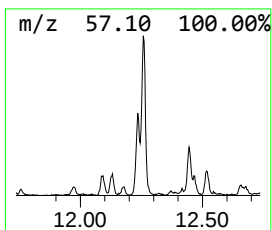
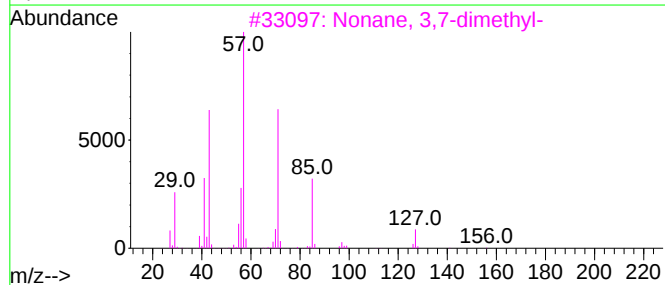
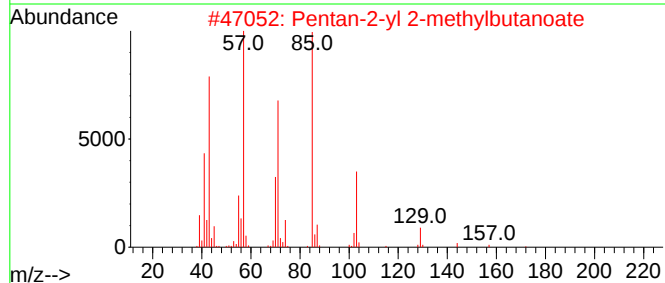
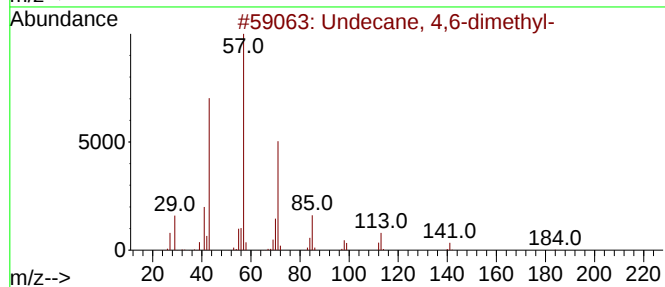
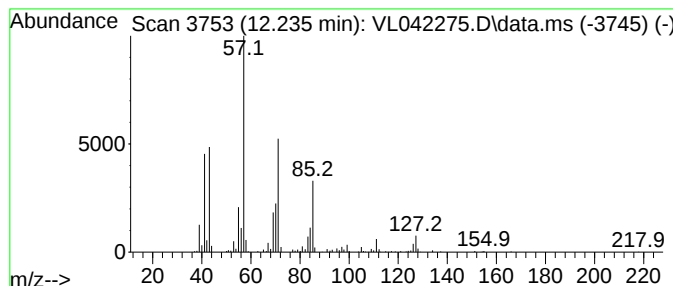
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Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 3 Undecane, 4,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.235	1.70 ppbv	215373	Chlorobenzene-d5	8.891

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
2			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	50
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	50
4			Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	50
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50



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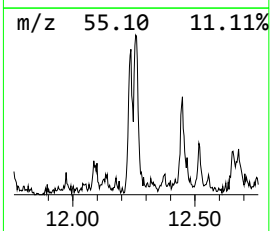
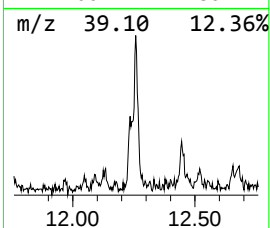
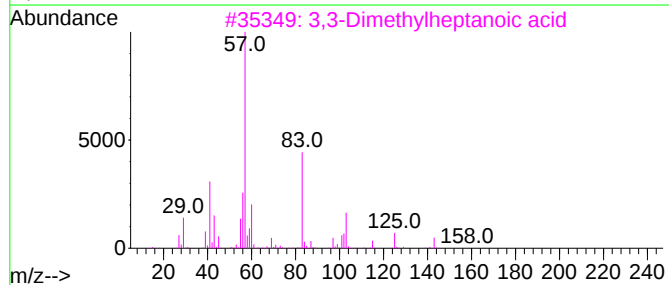
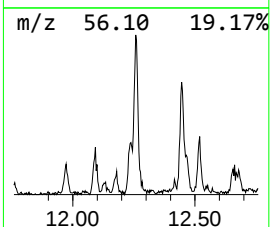
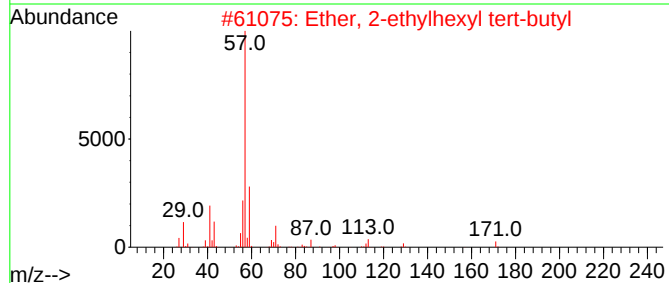
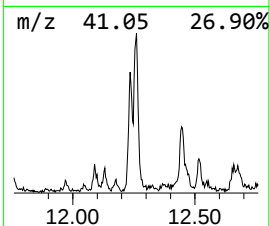
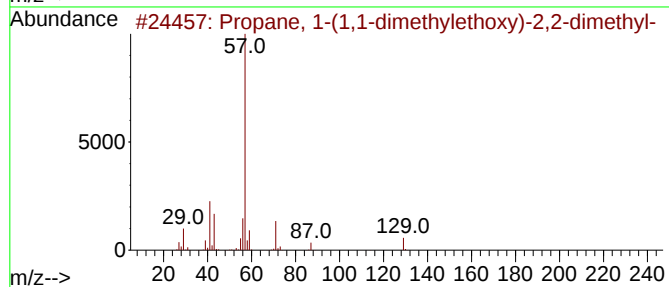
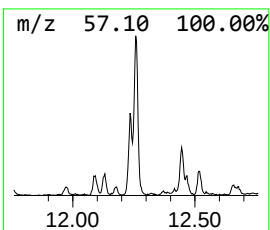
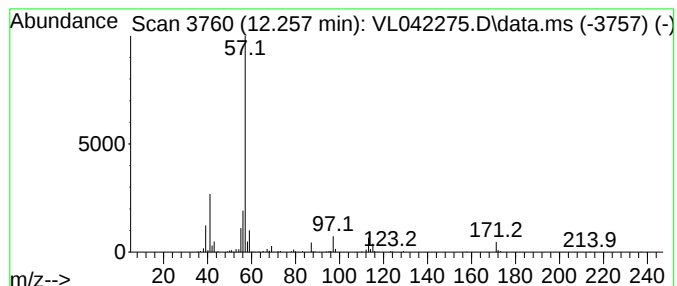
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 4 Propane, 1-(1,1-dimethyleth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.258	1.78 ppbv	225659	Chlorobenzene-d5	8.891

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1-(1,1-dimethylethoxy)-...	144	C9H20O	032970-46-0	50
2			Ether, 2-ethylhexyl tert-butyl	186	C12H26O	083704-03-4	40
3			3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	39
4			Pentanoic acid, 2-methyl-3-oxo-,...	144	C7H12O3	017422-12-7	38
5			Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AgO2	007324-58-5	32



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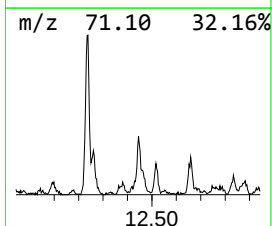
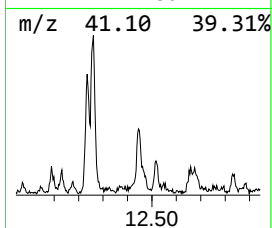
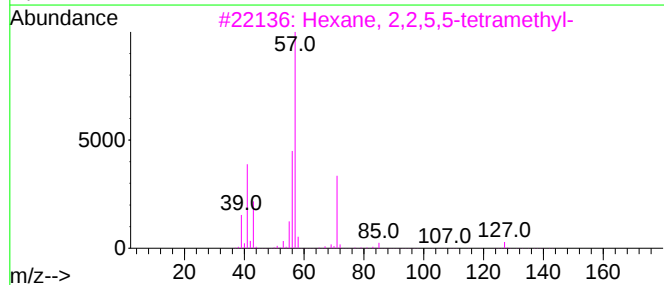
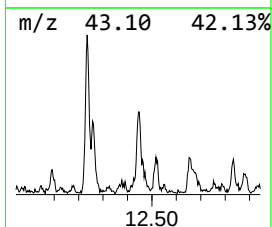
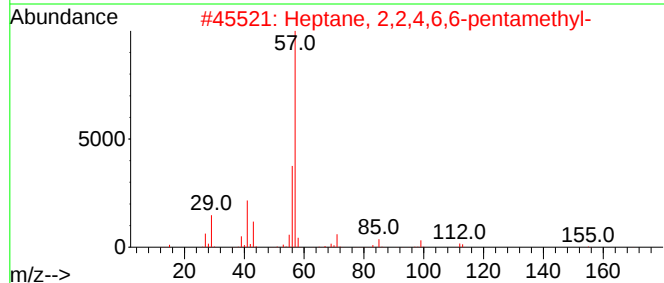
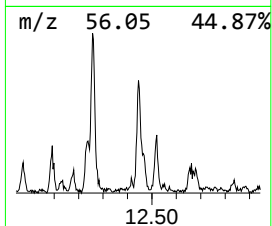
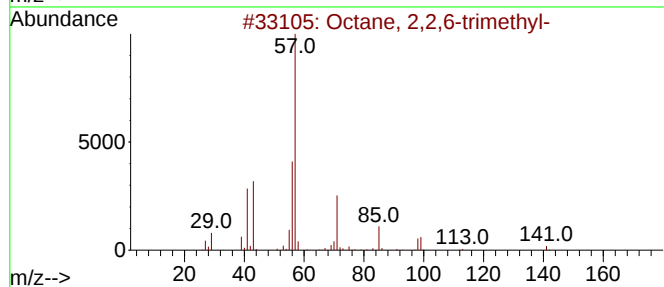
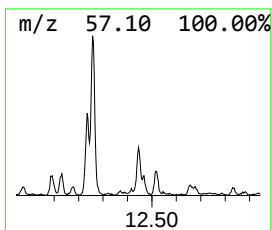
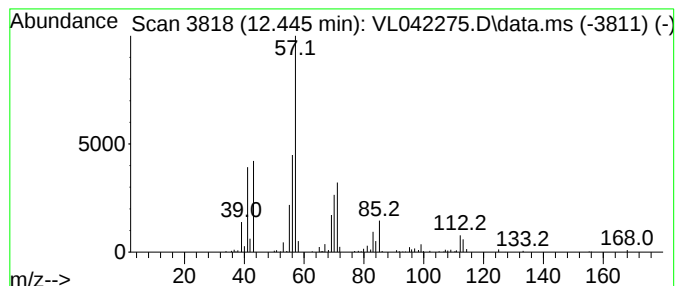
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octane, 2,2,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	1.15 ppbv	146106	Chlorobenzene-d5	8.891

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
2			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50
4			Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	49
5			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	47



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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
1-Propene, 2-me...	1.606	1.1	ppbv	68942	1	2.794	598255	10.0
Undecane, 4,6-d...	12.235	1.7	ppbv	215373	3	8.891	1266920	10.0
Propane, 1-(1,1...	12.258	1.8	ppbv	225659	3	8.891	1266920	10.0
Octane, 2,2,6-t...	12.445	1.1	ppbv	146106	3	8.891	1266920	10.0