

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042274.D
 Acq On : 08 Apr 2025 22:11
 Operator : SY/MD
 Sample : Q1728-11 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B1-4-04012025

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: VL042274.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	410	415	421	rBV	4071361	4351038	100.00%	39.286%
2	1.839	533	541	550	rBV	306794	210120	4.83%	1.897%
3	2.790	826	835	843	rBV	559641	588796	13.53%	5.316%
4	3.965	1183	1198	1215	rBV	695181	1070835	24.61%	9.669%
5	6.943	2104	2118	2133	rBV3	49282	102547	2.36%	0.926%
6	8.888	2703	2719	2728	rBV	890885	1303443	29.96%	11.769%
7	8.946	2728	2737	2747	rVB	143665	226219	5.20%	2.043%
8	9.225	2813	2823	2837	rVB3	79522	114493	2.63%	1.034%
9	9.535	2906	2919	2923	rBV3	51372	69817	1.60%	0.630%
10	9.558	2923	2926	2938	rVB8	36639	46542	1.07%	0.420%
11	9.717	2966	2975	2993	rVB4	44174	72401	1.66%	0.654%
12	9.969	3041	3053	3066	rVB2	32492	56216	1.29%	0.508%
13	10.380	3160	3180	3190	rBV	1157433	1358817	31.23%	12.269%
14	10.862	3321	3329	3337	rBV2	47128	55308	1.27%	0.499%
15	11.539	3531	3538	3551	rVB7	27742	46316	1.06%	0.418%
16	11.782	3600	3613	3622	rVB	367100	455262	10.46%	4.111%
17	12.089	3701	3708	3714	rBV3	38006	45452	1.04%	0.410%
18	12.232	3743	3752	3756	rBV3	179518	206603	4.75%	1.865%
19	12.257	3756	3760	3772	rVB	198485	214082	4.92%	1.933%
20	12.445	3811	3818	3832	rVB2	131366	175979	4.04%	1.589%
21	12.513	3832	3839	3845	rBV2	55398	62294	1.43%	0.562%
22	12.652	3873	3882	3887	rBV4	55028	79678	1.83%	0.719%
23	12.830	3929	3937	3943	rBV4	51318	58960	1.36%	0.532%
24	13.390	4103	4110	4117	rBV	96435	104138	2.39%	0.940%

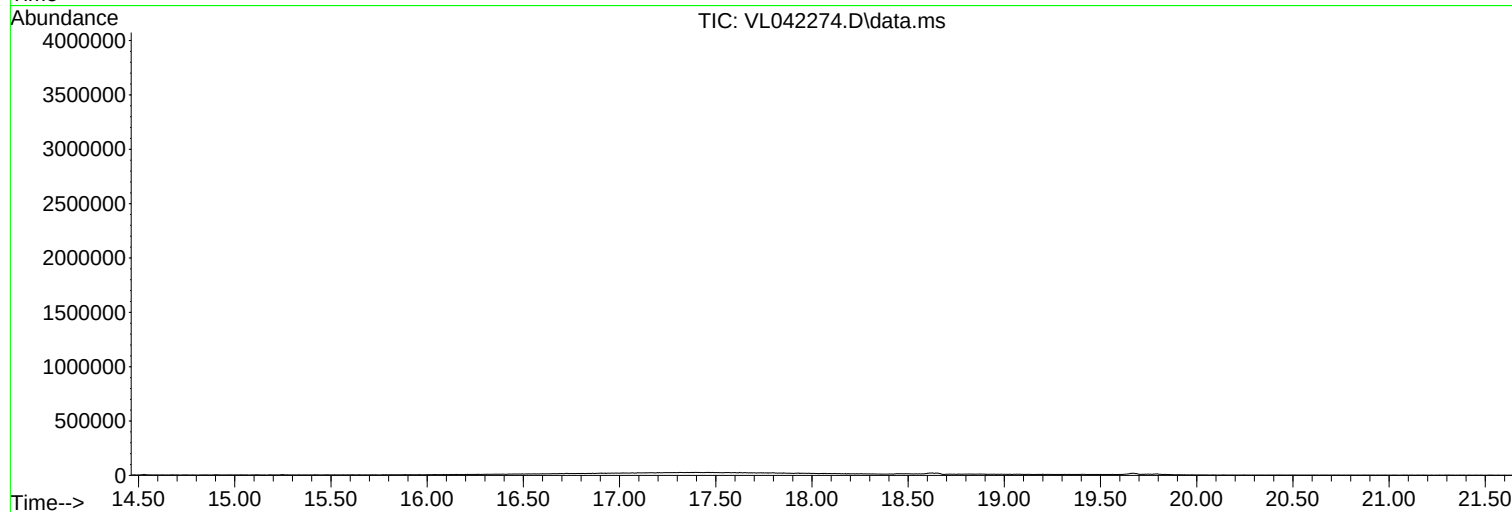
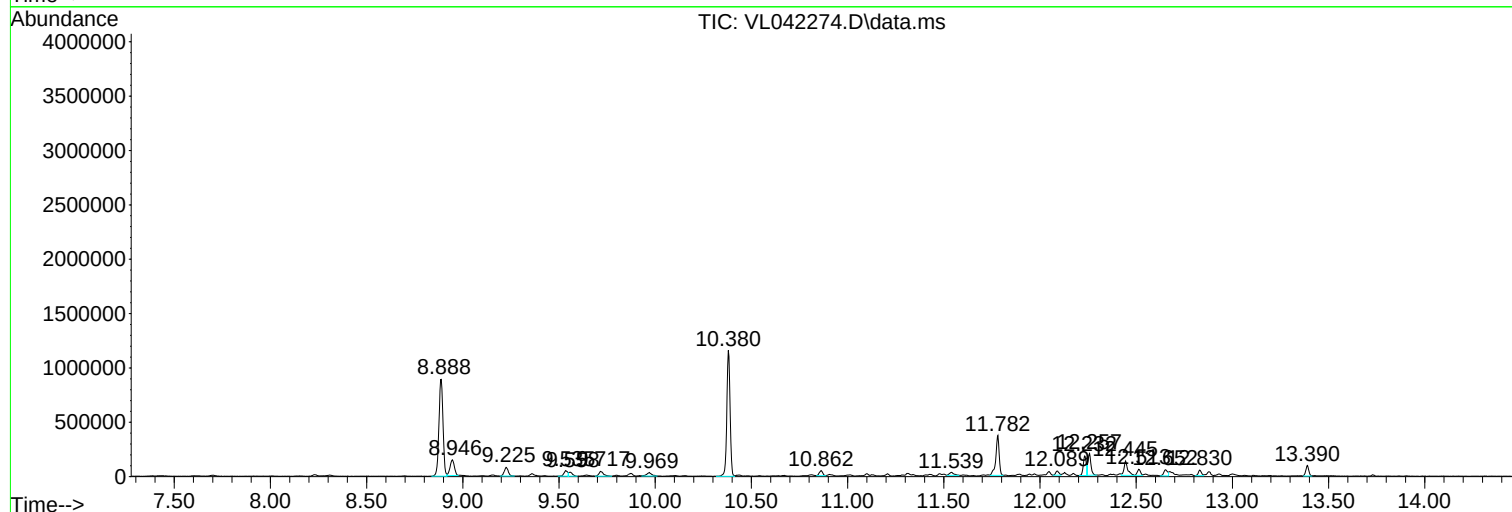
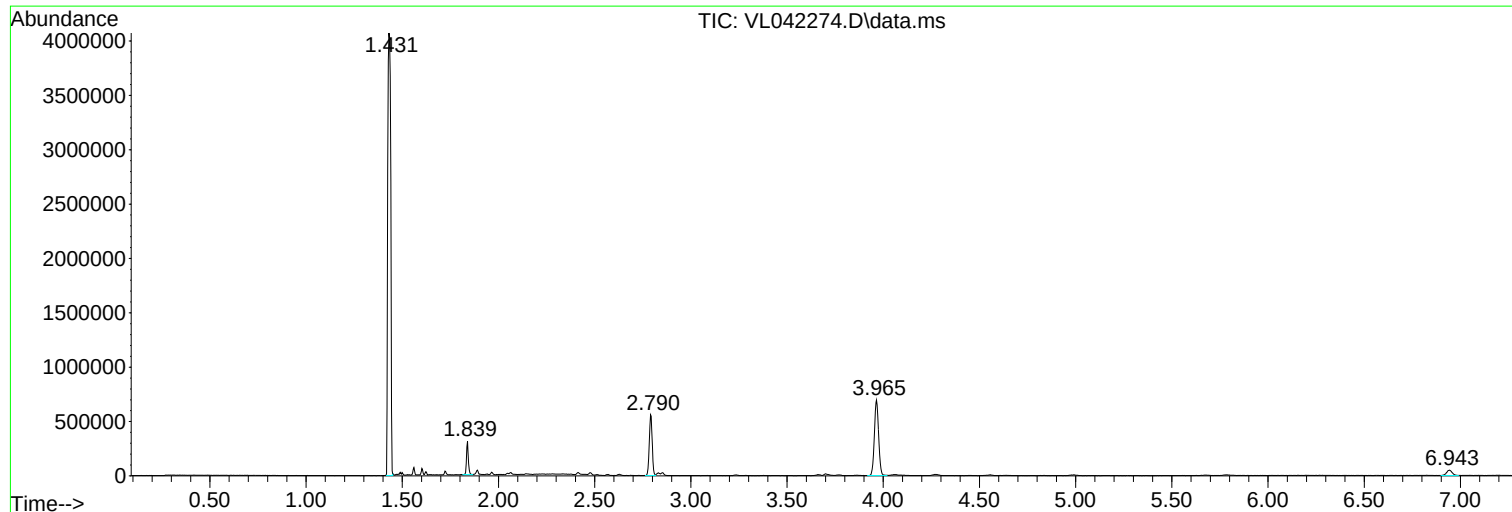
Sum of corrected areas: 11075356

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Instrument :
MSVOA_L
ClientSampleId :
SSSG-B1-4-04012025

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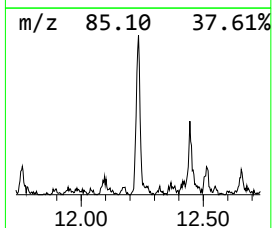
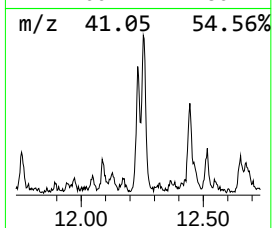
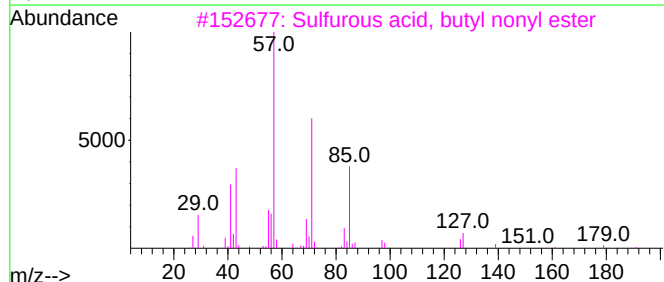
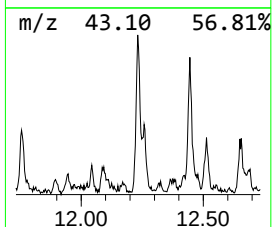
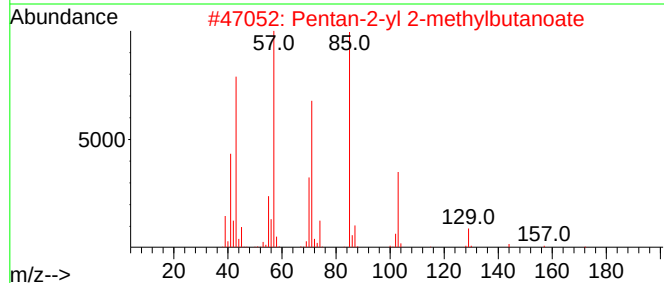
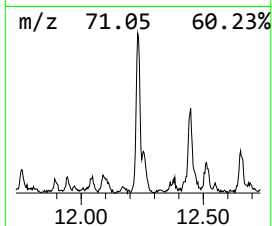
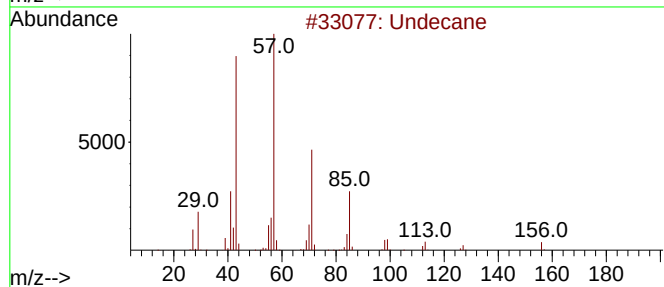
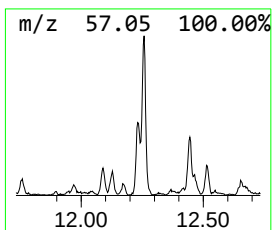
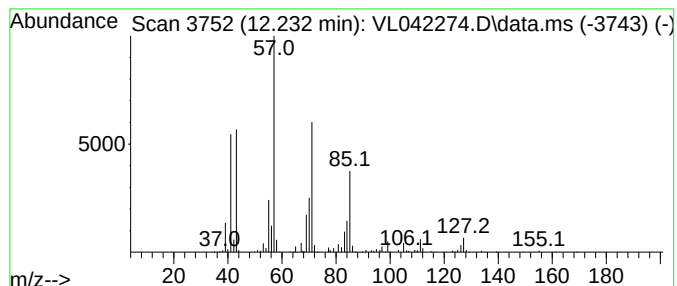
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 3 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.232	1.59 ppbv	206603	Chlorobenzene-d5	8.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	64
2	Pentan-2-yl 2-methylbutanoate			172	C10H20O2	1000372-71-7	59
3	Sulfurous acid, butyl nonyl ester			264	C13H28O3S	1000309-17-6	53
4	Oxalic acid, bis(2-ethylhexyl) e...			314	C18H34O4	1000309-39-0	50
5	Nonane, 5-(2-methylpropyl)-			184	C13H28	062185-53-9	47



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SSSG-B1-4-04012025

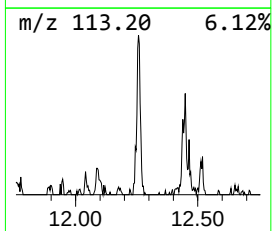
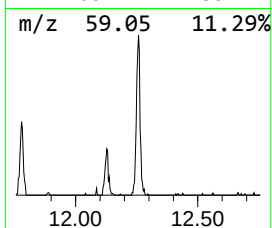
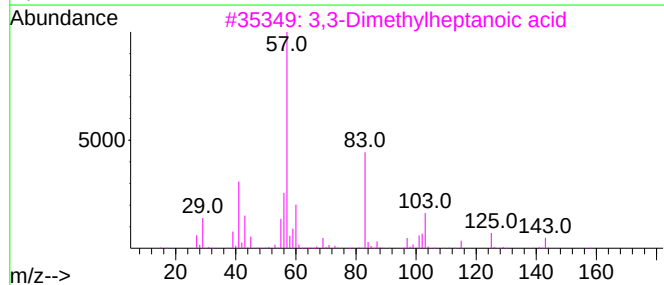
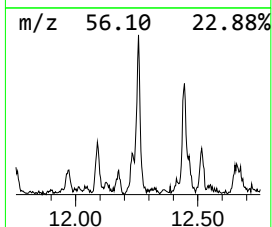
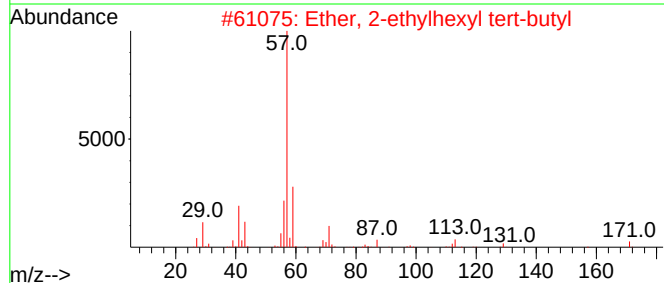
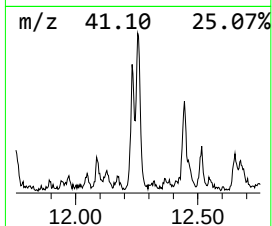
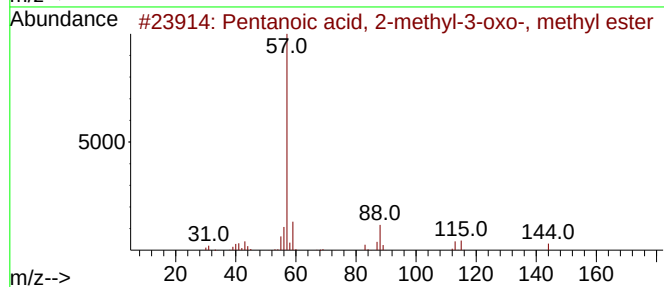
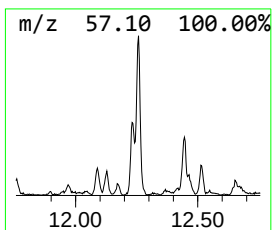
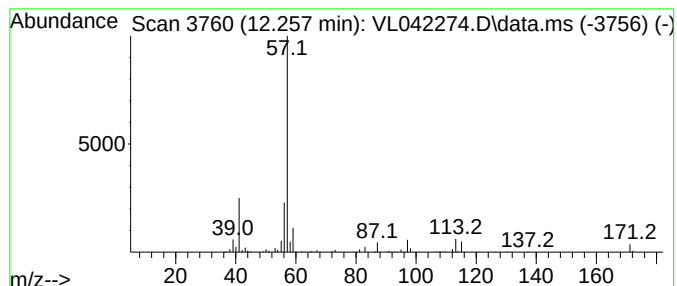
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 4 unknown12.257 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	1.64 ppbv	214082	Chlorobenzene-d5	8.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanoic acid, 2-methyl-3-oxo-,...	144	C7H12O3	017422-12-7	47
2			Ether, 2-ethylhexyl tert-butyl	186	C12H26O	083704-03-4	42
3			3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	39
4			di-tert-Butyl acetylenedicarboxy...	226	C12H18O4	066086-33-7	37
5			Propane, 1-(1,1-dimethylethoxy)-...	144	C9H20O	032970-46-0	32



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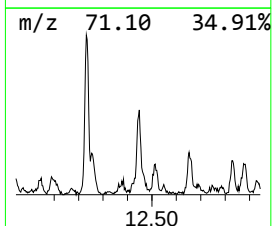
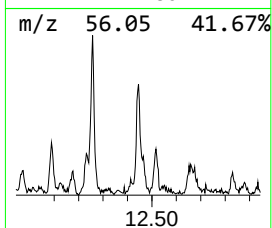
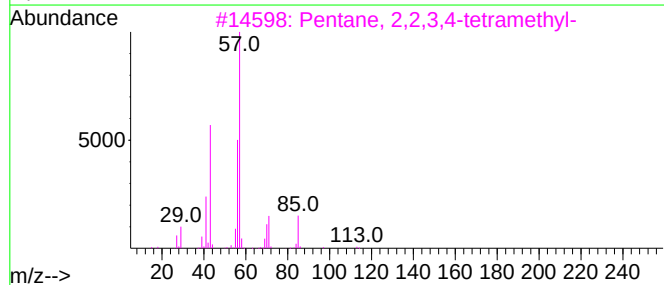
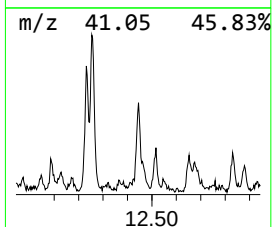
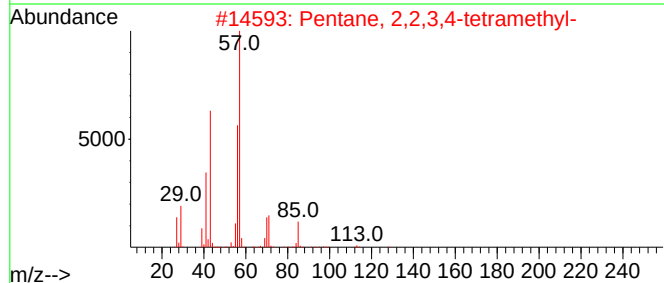
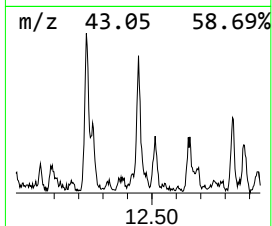
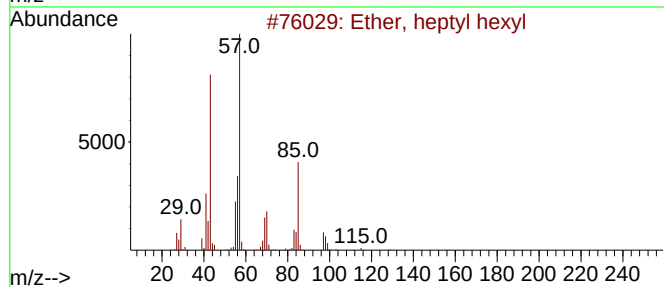
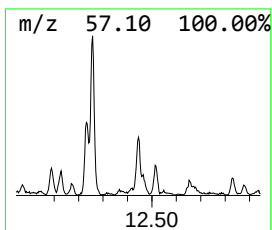
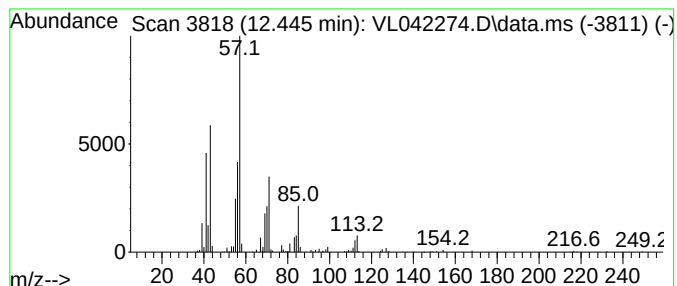
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 5 Ether, heptyl hexyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	1.35 ppbv	175979	Chlorobenzene-d5	8.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ether, heptyl hexyl	200	C13H28O	007289-40-9	64
2			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
5			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50



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ALS Vial : 1 Sample Multiplier: 1

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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	12.232	1.6	ppbv	206603	3	8.885	1303440	10.0
unknown12.257	12.257	1.6	ppbv	214082	3	8.885	1303440	10.0
Ether, heptyl h...	12.445	1.4	ppbv	175979	3	8.885	1303440	10.0