

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042199.D
 Acq On : 28 Mar 2025 02:33
 Operator : SY/MD
 Sample : Q1669-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B16-2-3262025

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 3

Start Thrs: 0.001

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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: VL042199.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.424	409	413	416	rBV	4440328	3788673	100.00%	21.598%
2	1.437	416	417	421	rVB2	3931811	1566143	41.34%	8.928%
3	1.557	450	454	460	rVB	171783	91164	2.41%	0.520%
4	1.619	470	473	478	rVB	79256	46485	1.23%	0.265%
5	1.836	535	540	548	rBV	649686	469304	12.39%	2.675%
6	1.965	575	580	586	rVB2	71313	51576	1.36%	0.294%
7	2.476	733	738	745	rVB2	49344	49414	1.30%	0.282%
8	2.787	827	834	842	rBV	658875	696628	18.39%	3.971%
9	2.829	842	847	849	rVV	60614	64728	1.71%	0.369%
10	2.849	849	853	861	rVB	131961	135737	3.58%	0.774%
11	3.065	914	920	931	rBV3	41780	51260	1.35%	0.292%
12	3.693	1108	1114	1130	rVB3	77181	122895	3.24%	0.701%
13	3.959	1182	1196	1212	rBV	859693	1350010	35.63%	7.696%
14	5.762	1741	1753	1773	rBV5	212395	539150	14.23%	3.074%
15	6.736	2041	2054	2078	rBV3	405615	877662	23.17%	5.003%
16	6.933	2101	2115	2133	rVB2	239517	476198	12.57%	2.715%
17	8.302	2532	2538	2553	rVB9	22475	45598	1.20%	0.260%
18	8.882	2700	2717	2727	rBV	1135350	1684917	44.47%	9.605%
19	9.222	2811	2822	2833	rBV3	87460	131673	3.48%	0.751%
20	9.354	2853	2863	2871	rBV2	41619	63241	1.67%	0.361%
21	9.532	2909	2918	2922	rBV2	116429	168365	4.44%	0.960%
22	9.548	2922	2923	2937	rVB5	74363	83063	2.19%	0.474%
23	9.717	2965	2975	2978	rBV3	55719	82036	2.17%	0.468%
24	9.743	2978	2983	2992	rVB2	61722	81763	2.16%	0.466%
25	9.866	3011	3021	3033	rVB4	44650	74434	1.96%	0.424%
26	9.963	3040	3051	3068	rVB	67793	118361	3.12%	0.675%
27	10.377	3160	3179	3189	rBV	1471912	1918225	50.63%	10.935%
28	10.856	3321	3327	3335	rVV3	73952	90190	2.38%	0.514%
29	10.905	3335	3342	3354	rVB6	43874	66871	1.77%	0.381%
30	11.011	3370	3375	3382	rVB4	32949	42513	1.12%	0.242%
31	11.096	3395	3401	3407	rBV2	50006	55030	1.45%	0.314%
32	11.202	3424	3434	3441	rVB5	53807	67775	1.79%	0.386%
33	11.536	3529	3537	3548	rBV2	79126	108800	2.87%	0.620%
34	11.756	3597	3605	3606	rBV2	107145	97688	2.58%	0.557%
35	11.775	3606	3611	3619	rVB2	233068	278456	7.35%	1.587%
36	12.044	3687	3694	3701	rVB4	86485	92519	2.44%	0.527%

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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

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

37	12.086	3701	3707	3712	rBV2	40533	43859	1.16%	0.250%
38	12.228	3744	3751	3755	rBV2	181885	207903	5.49%	1.185%
39	12.254	3755	3759	3770	rVB2	149433	166998	4.41%	0.952%
40	12.442	3810	3817	3831	rVB2	157523	215256	5.68%	1.227%
41	12.510	3831	3838	3844	rBV2	72950	84717	2.24%	0.483%
42	12.646	3873	3880	3886	rBV4	111772	141877	3.74%	0.809%
43	12.685	3886	3892	3902	rVB8	49219	79174	2.09%	0.451%
44	12.827	3929	3936	3941	rBV5	43284	49523	1.31%	0.282%
45	12.876	3944	3951	3958	rVV3	99108	113760	3.00%	0.649%
46	12.931	3958	3968	3975	rVB3	42946	55290	1.46%	0.315%
47	12.992	3980	3987	4001	rVB5	50031	87190	2.30%	0.497%
48	13.387	4100	4109	4117	rBV	545624	567577	14.98%	3.236%

Sum of corrected areas: 17541669

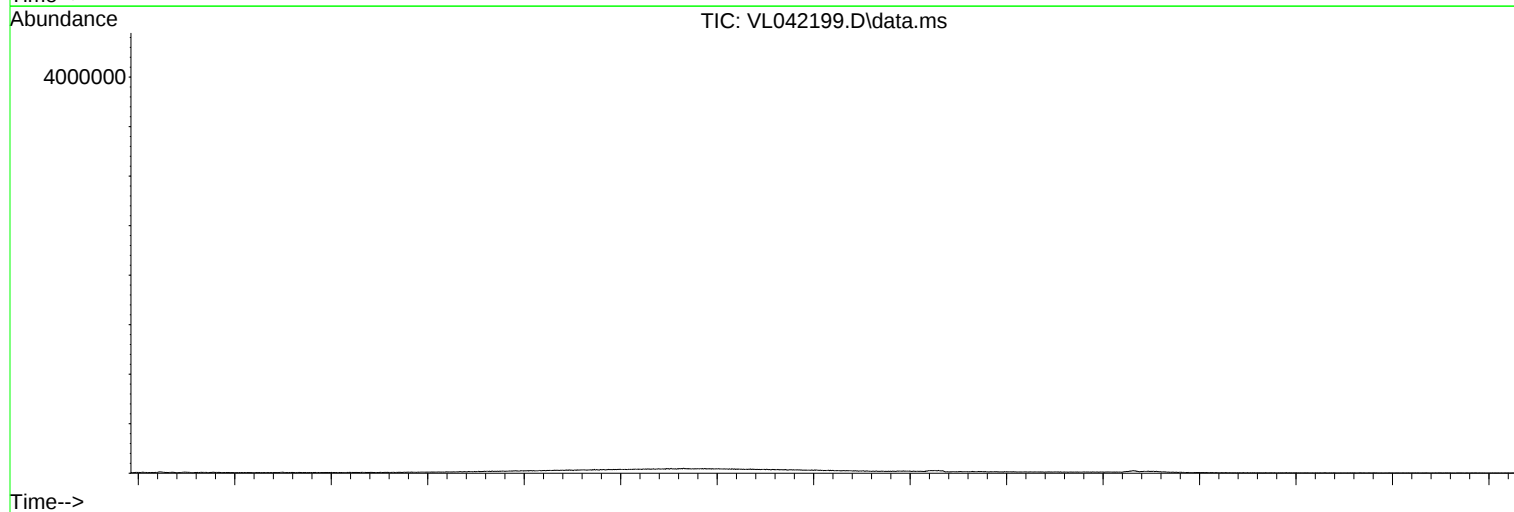
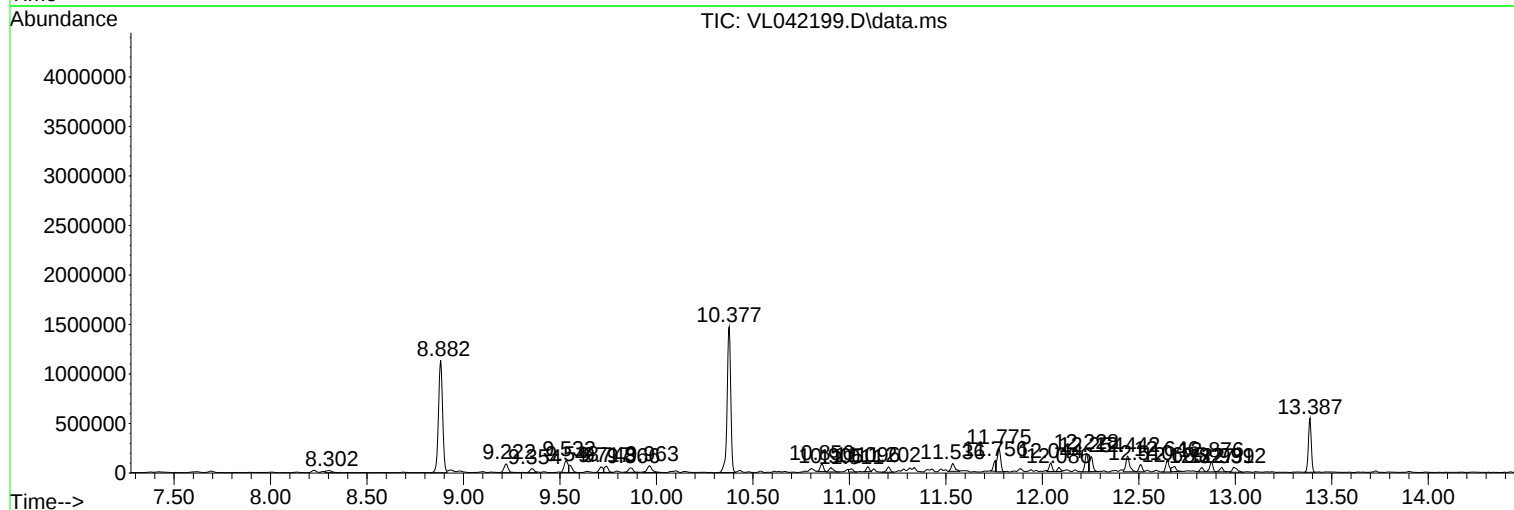
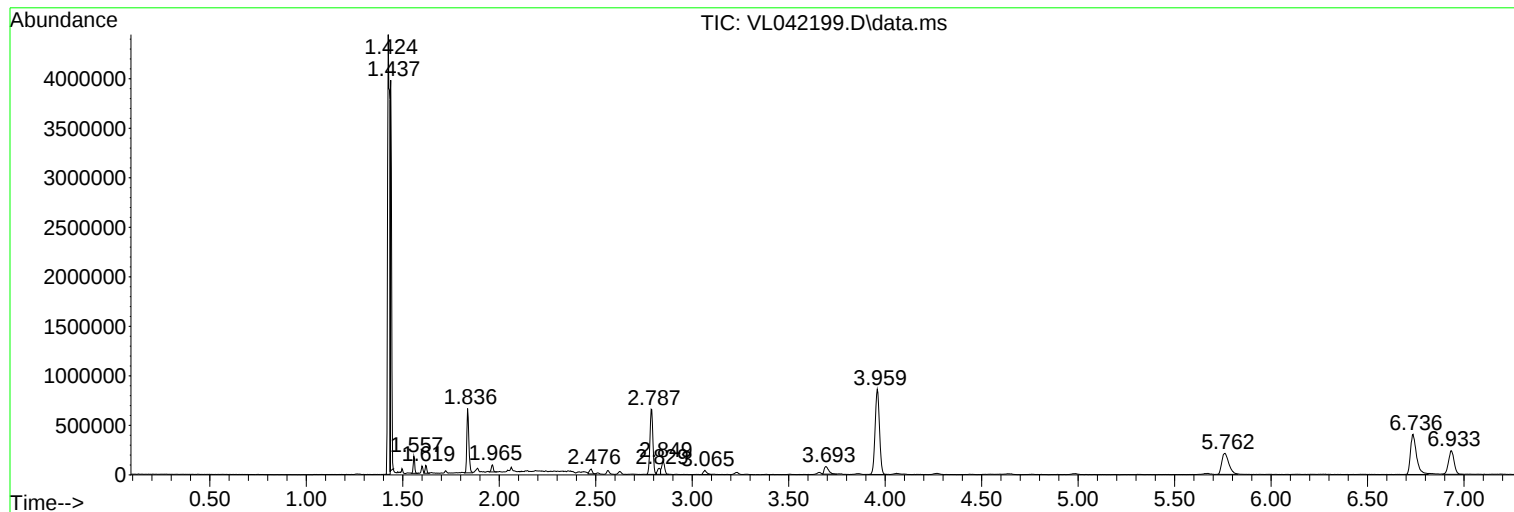
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-2-3262025

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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Misc : 400mL/MSVOA_L
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Instrument :
MSVOA_L
ClientSampleId :
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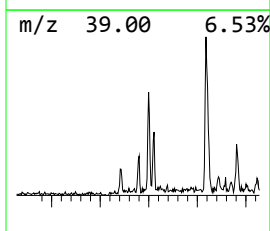
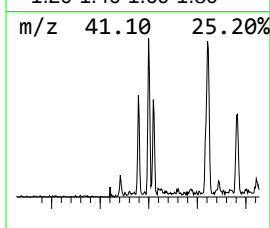
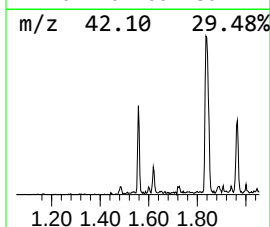
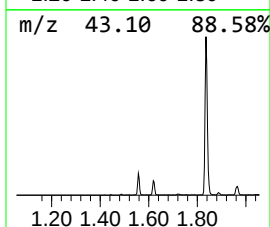
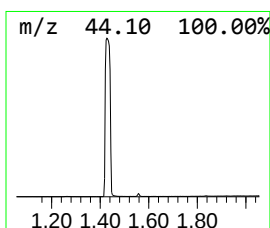
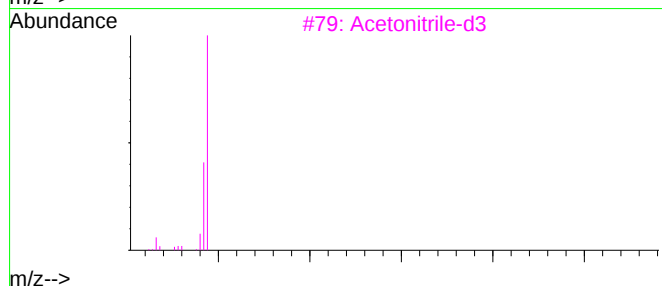
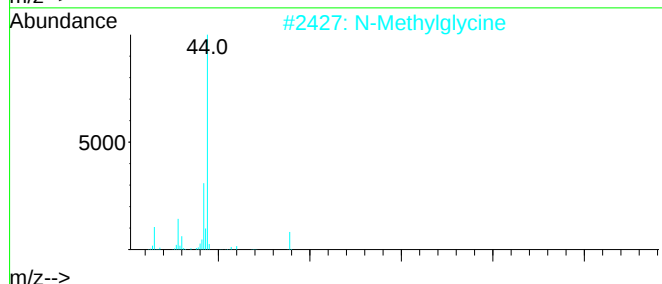
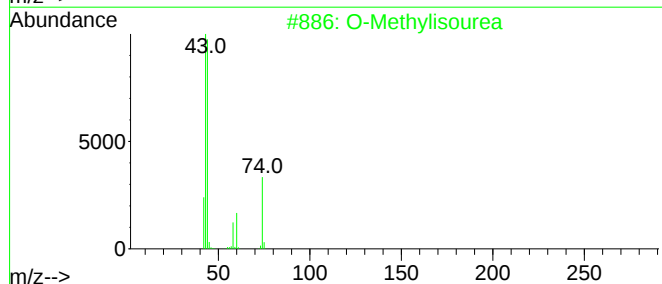
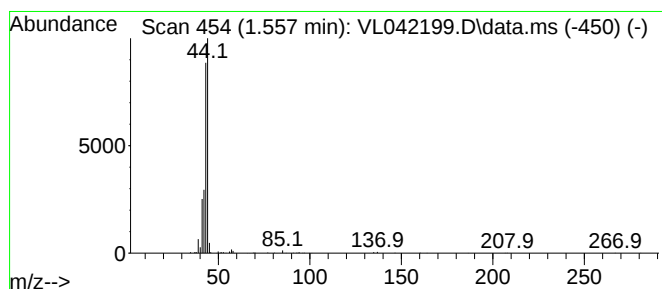
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 1 unknown1.557 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.557	1.31 ppbv	91164	Bromochloromethane	2.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	O-Methylisourea	74	C2H6N2O	002440-60-0	43
2	N-Methylglycine	89	C3H7NO2	000107-97-1	9
3	Acetonitrile-d3	44	C2D3N	002206-26-0	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5



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Sample : Q1669-08
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSSG-B16-2-3262025

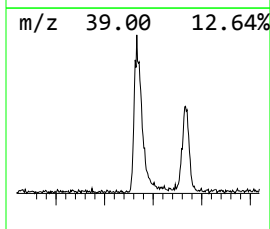
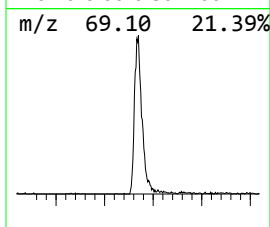
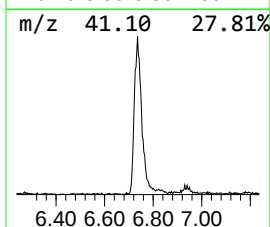
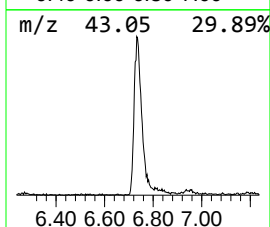
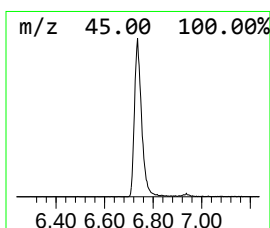
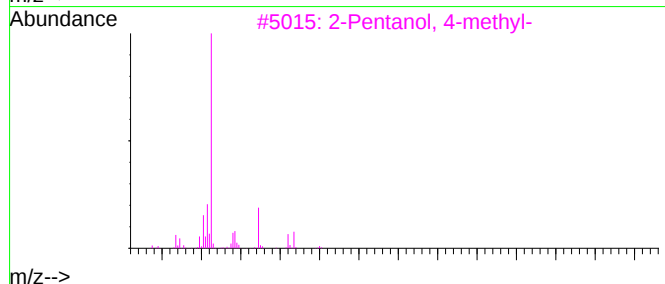
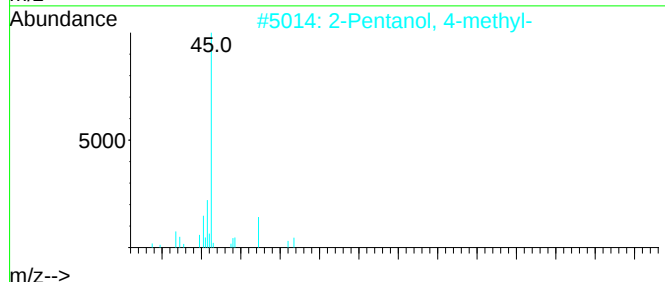
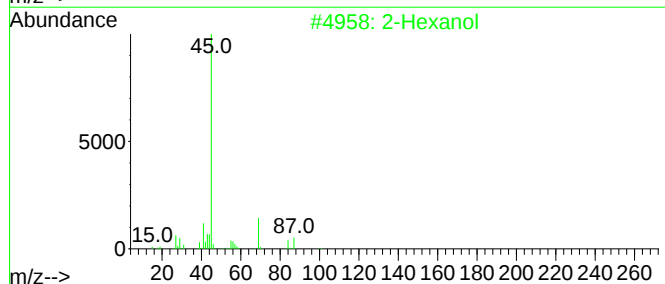
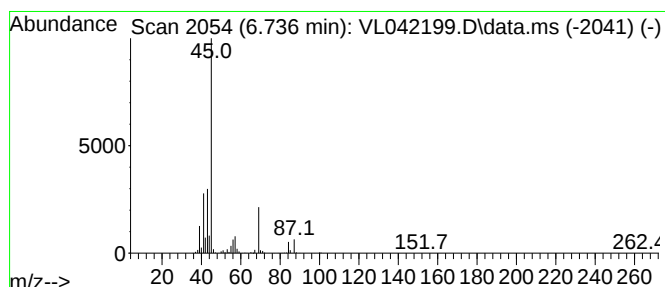
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 2 2-Hexanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.736	5.21 ppbv	877662	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
4	2-Octanol, (R)-	130	C8H18O	005978-70-1	78
5	2-Octanol, (S)-	130	C8H18O	006169-06-8	78



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Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

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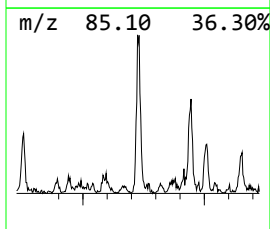
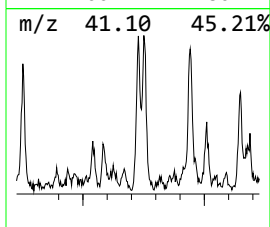
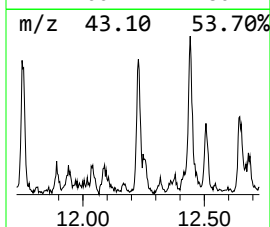
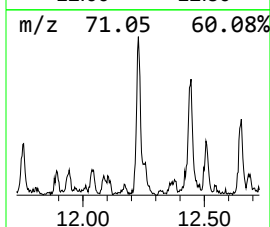
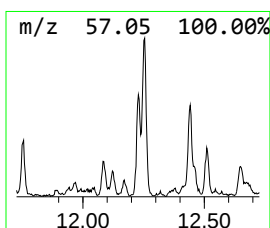
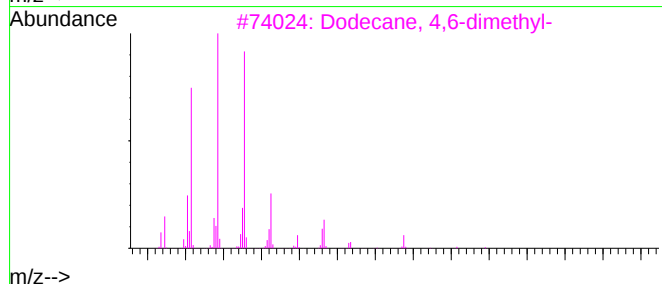
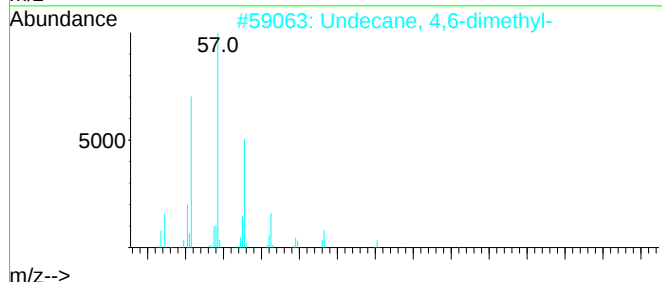
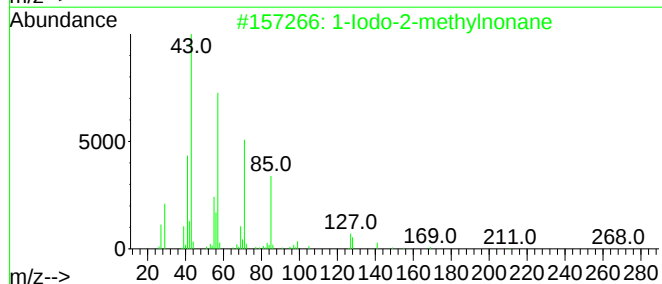
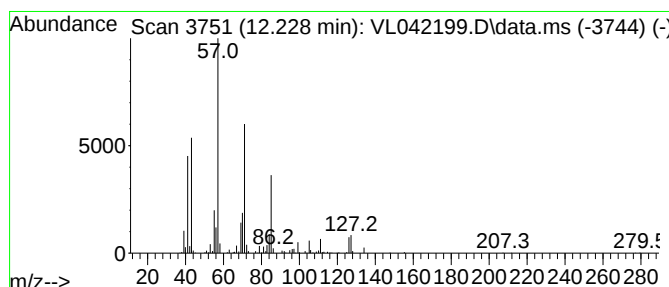
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Iodo-2-methylnonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.228	1.23 ppbv	207903	Chlorobenzene-d5	8.882	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
2	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64
5	Hexadecane	226	C16H34	000544-76-3	59



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ALS Vial : 6 Sample Multiplier: 1

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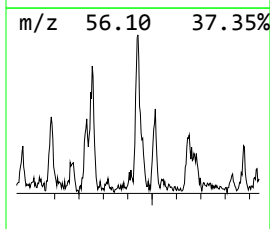
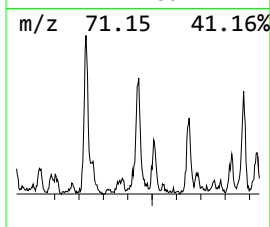
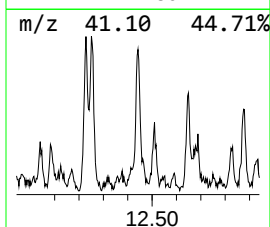
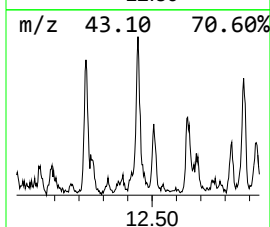
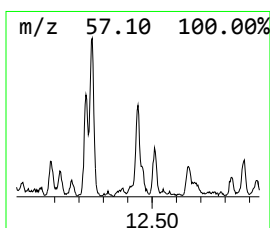
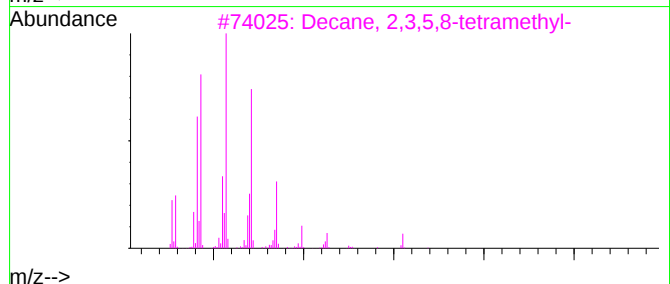
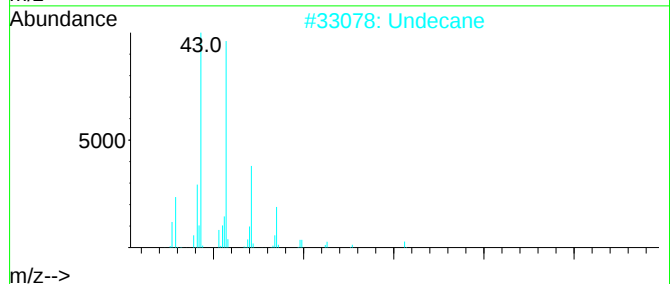
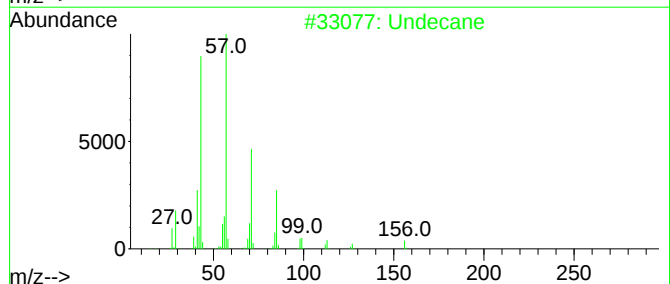
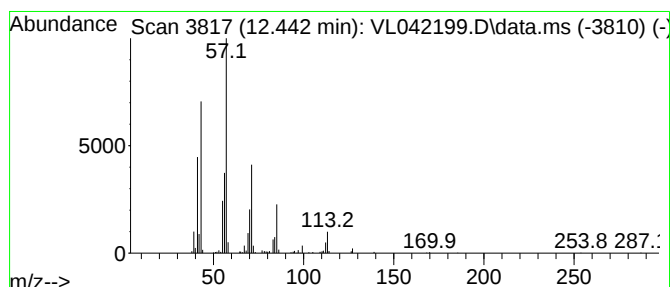
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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

Peak Number 5 Undecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.442	1.28 ppbv	215256	Chlorobenzene-d5	8.882

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	59
2	Undecane	156	C11H24	001120-21-4	59
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	53
4	Tridecane	184	C13H28	000629-50-5	53
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53



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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
unknown1.557	1.557	1.3	ppbv	91164	1	2.787	696628	10.0
2-Hexanol	6.736	5.2	ppbv	877662	3	8.882	1684920	10.0
1-Iodo-2-methyl...	12.228	1.2	ppbv	207903	3	8.882	1684920	10.0
Undecane	12.442	1.3	ppbv	215256	3	8.882	1684920	10.0