

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042064.D
 Acq On : 15 Jan 2021 11:37
 Operator : SY/MD
 Sample : M1129-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT61DL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC: VU042064.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.523	50	57	66	rBV	17851	19988	2.07%	0.204%
2	1.601	72	81	89	rVB	57929	64215	6.67%	0.654%
3	1.919	171	180	190	rBV	60818	75095	7.79%	0.765%
4	2.578	373	385	403	rBV	99634	162171	16.83%	1.653%
5	3.060	525	535	546	rVB2	8843	15415	1.60%	0.157%
6	4.658	1015	1032	1079	rBV	74806	278044	28.86%	2.833%
7	5.080	1146	1163	1180	rBV	102321	224805	23.33%	2.291%
8	5.739	1346	1368	1394	rBV2	186571	489003	50.76%	4.983%
9	6.260	1516	1530	1546	rBV2	136557	256338	26.61%	2.612%
10	6.552	1607	1621	1653	rBV	308695	584891	60.71%	5.960%
11	6.703	1653	1668	1686	rVV	101709	204178	21.19%	2.081%
12	7.575	1927	1939	1958	rBV	50692	88553	9.19%	0.902%
13	7.906	2028	2042	2059	rBV	187201	322774	33.50%	3.289%
14	8.186	2118	2129	2144	rBV	33730	56177	5.83%	0.572%
15	8.642	2258	2271	2295	rBV	297221	557692	57.89%	5.683%
16	9.420	2492	2513	2532	rBV	195036	321742	33.40%	3.279%
17	10.755	2916	2928	2946	rVB	89486	142377	14.78%	1.451%
18	11.809	3243	3256	3271	rBV	190779	298990	31.03%	3.047%
19	12.121	3347	3353	3361	rVB2	9204	13697	1.42%	0.140%
20	12.189	3361	3374	3387	rBV	216731	354970	36.85%	3.617%
21	12.369	3420	3430	3440	rBV2	13588	20456	2.12%	0.208%
22	12.459	3446	3458	3462	rBV2	47316	70649	7.33%	0.720%
23	12.491	3462	3468	3478	rVB	63734	92764	9.63%	0.945%
24	12.565	3478	3491	3501	rBV	164040	245727	25.51%	2.504%
25	12.693	3514	3531	3547	rBV5	25556	63529	6.59%	0.647%
26	12.870	3574	3586	3597	rBV	99876	157073	16.30%	1.601%
27	12.963	3597	3615	3623	rBV	291257	444692	46.16%	4.531%
28	13.018	3623	3632	3647	rVB	530486	807389	83.81%	8.227%
29	13.095	3647	3656	3660	rBV3	15794	23277	2.42%	0.237%
30	13.127	3660	3666	3670	rVV2	18275	22785	2.37%	0.232%
31	13.156	3671	3675	3684	rVB2	23548	29224	3.03%	0.298%
32	13.282	3699	3714	3725	rBV3	122626	199817	20.74%	2.036%
33	13.340	3725	3732	3739	rVB2	13661	17352	1.80%	0.177%
34	13.439	3739	3763	3779	rBV3	465169	963398	100.00%	9.817%
35	13.549	3790	3797	3810	rVV2	39740	64241	6.67%	0.655%
36	13.616	3810	3818	3829	rVB5	23819	35727	3.71%	0.364%

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Min Area: 3 % of largest Peak

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Stop Thrs : 0

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Title : TRACE VOA SOM01.0

37	13.716	3842	3849	3862	rBV2	18664	33298	3.46%	0.339%
38	13.822	3872	3882	3887	rBV2	91798	147363	15.30%	1.502%
39	13.954	3911	3923	3931	rBV2	62479	115446	11.98%	1.176%
40	14.076	3941	3961	3981	rVB	521811	882230	91.57%	8.990%
41	14.166	3981	3989	4008	rVB5	33709	79612	8.26%	0.811%
42	14.285	4009	4026	4036	rVB4	20251	47912	4.97%	0.488%
43	14.436	4064	4073	4081	rBV	189250	262277	27.22%	2.673%
44	14.555	4105	4110	4118	rVB7	8010	11208	1.16%	0.114%
45	14.793	4177	4184	4194	rBV	35697	52209	5.42%	0.532%
46	14.861	4200	4205	4214	rVB5	7582	11374	1.18%	0.116%
47	14.928	4216	4226	4230	rVV3	15363	25334	2.63%	0.258%
48	14.954	4231	4234	4243	rVV5	16870	20154	2.09%	0.205%
49	15.008	4244	4251	4257	rVV4	12903	18502	1.92%	0.189%
50	15.053	4257	4265	4275	rVB5	20655	35930	3.73%	0.366%
51	15.134	4283	4290	4300	rVB4	13634	21522	2.23%	0.219%
52	15.205	4302	4312	4325	rVV2	60840	107858	11.20%	1.099%
53	15.388	4358	4369	4390	rBV2	85731	152136	15.79%	1.550%

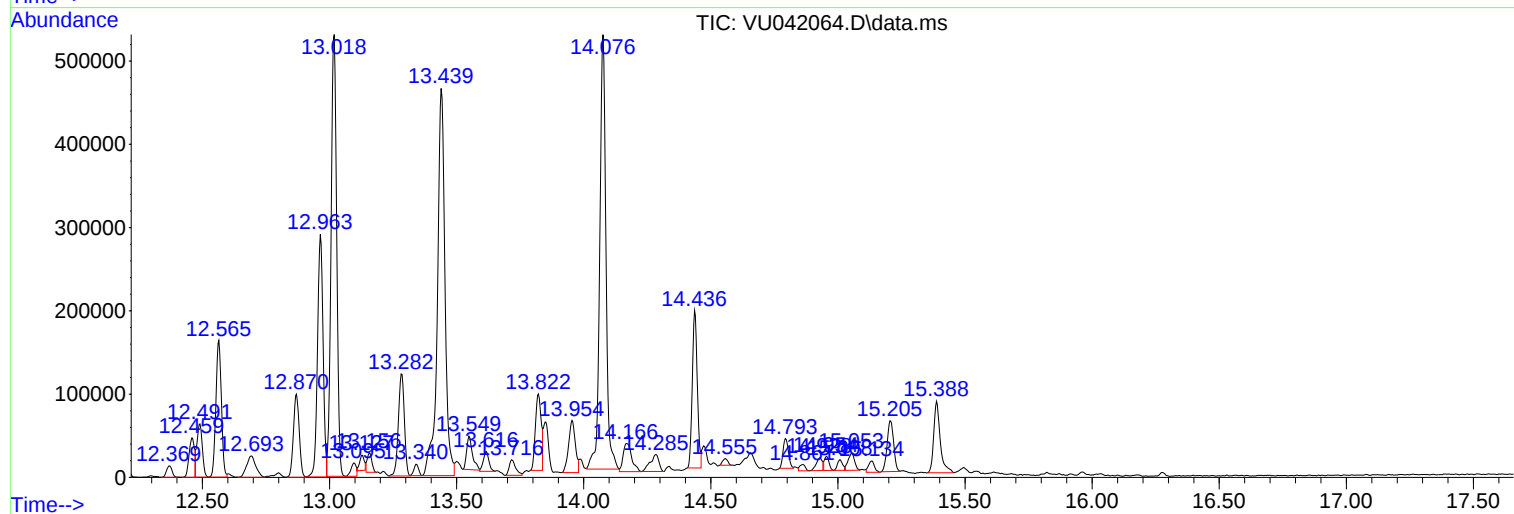
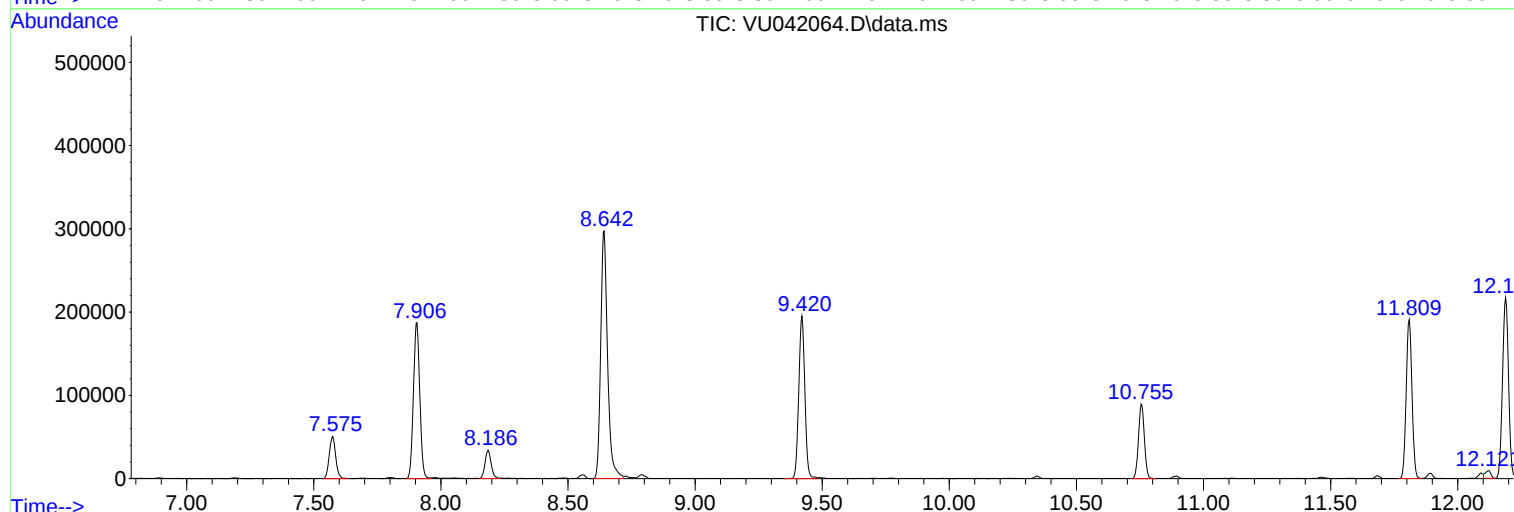
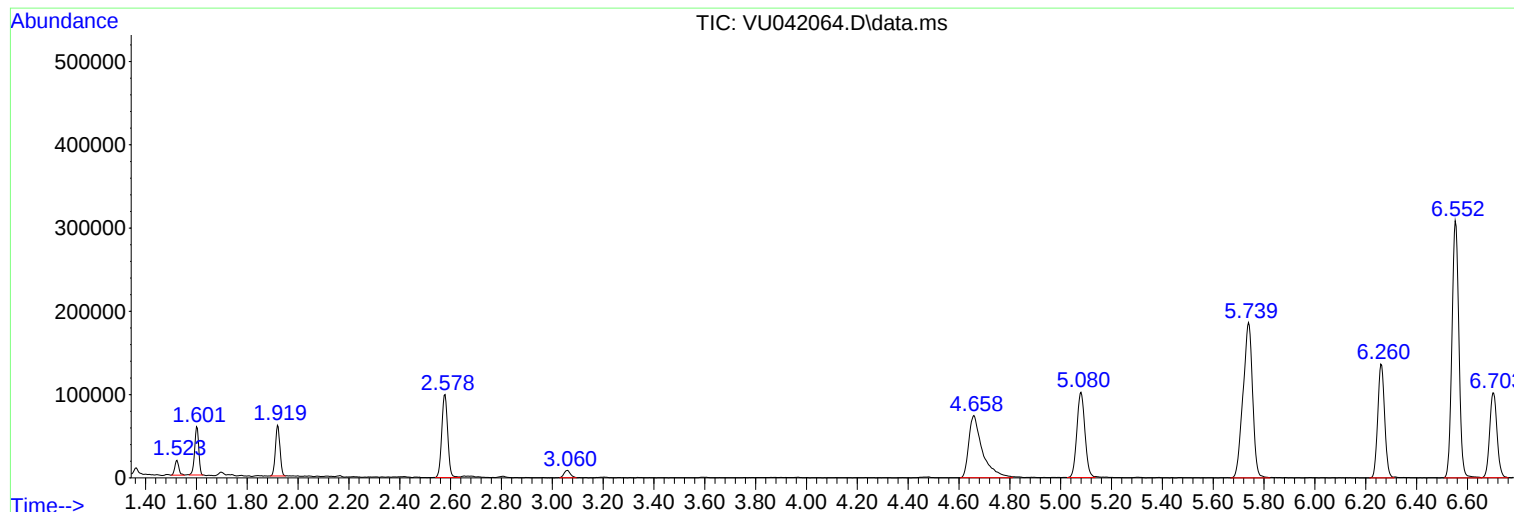
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

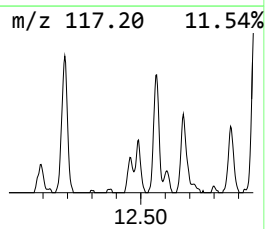
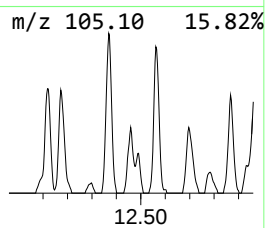
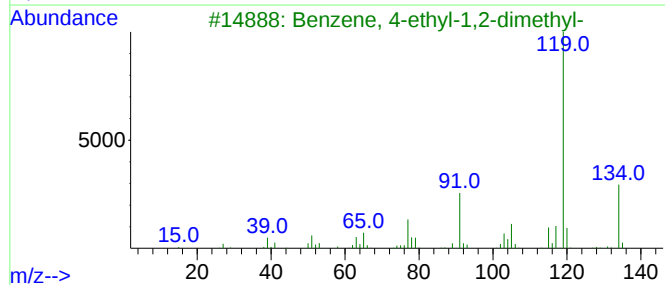
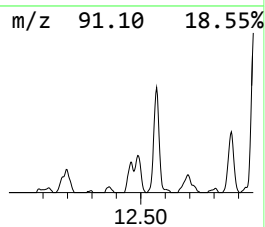
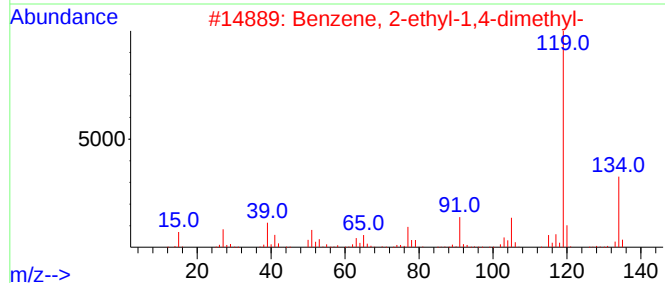
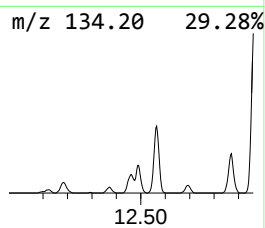
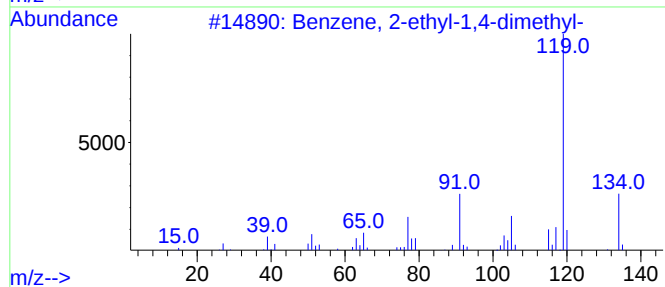
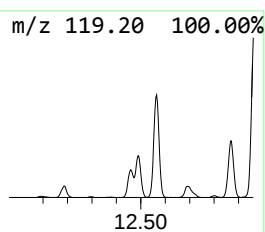
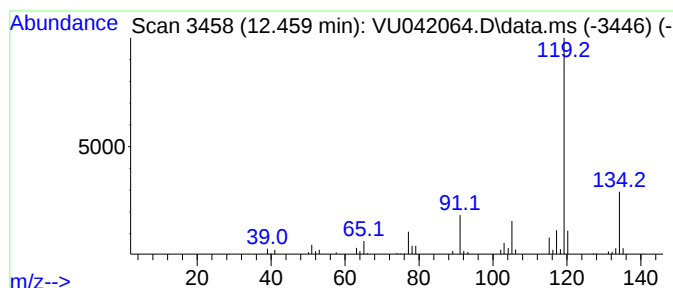
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.459	1.18 ug/L	70649	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

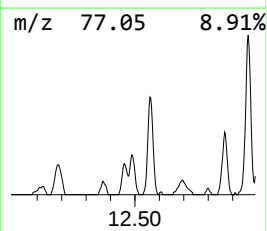
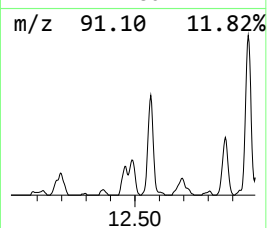
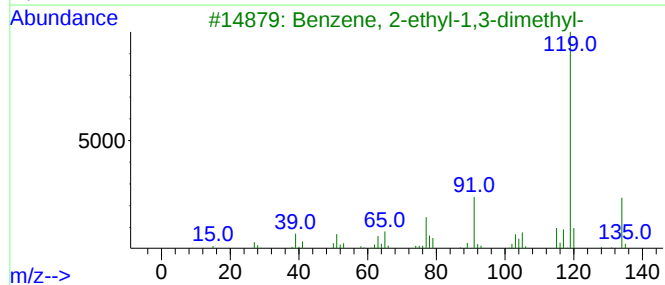
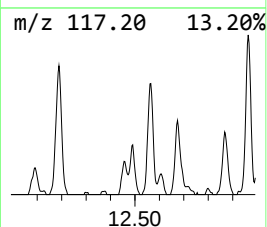
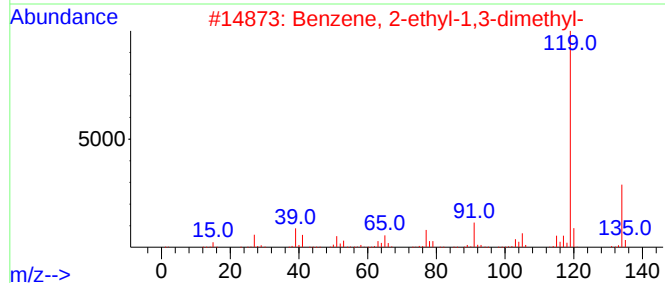
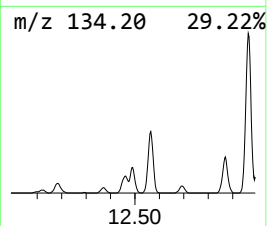
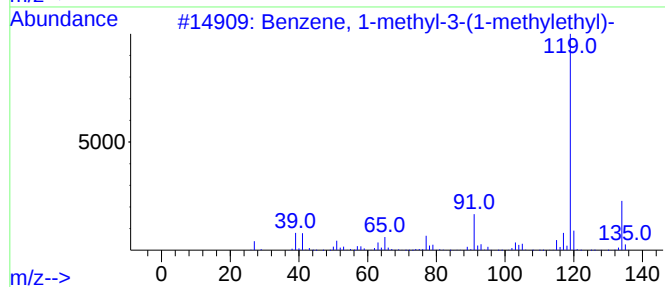
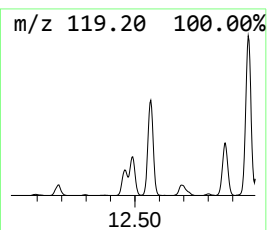
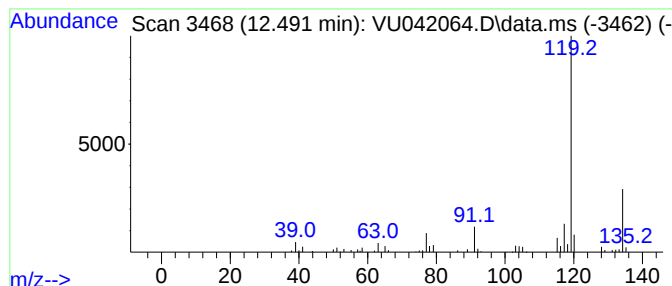
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.491	1.55 ug/L	92764	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	91
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
4			o-Cymene	134	C10H14	000527-84-4	90
5			o-Cymene	134	C10H14	000527-84-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
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Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

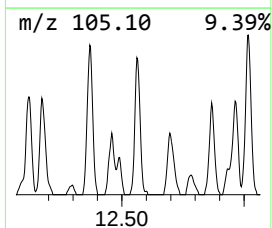
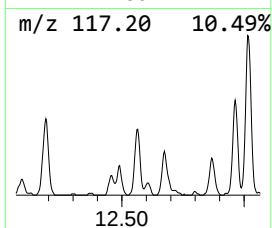
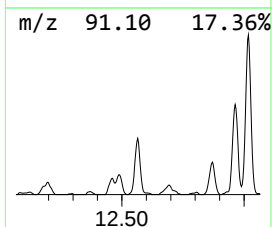
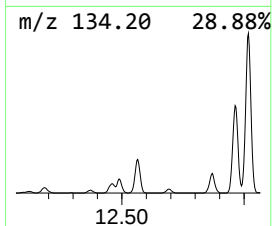
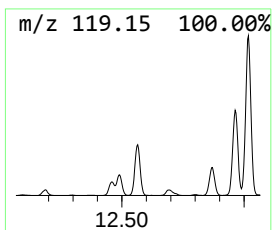
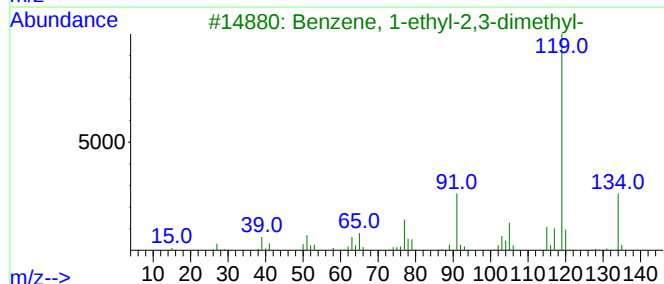
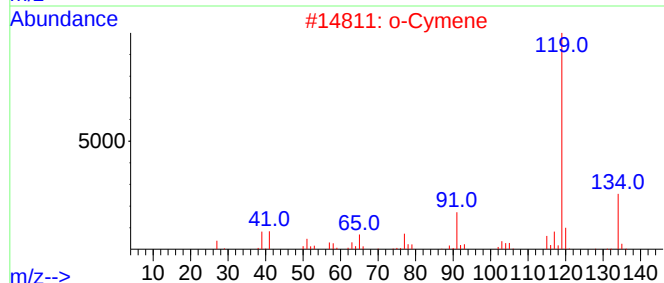
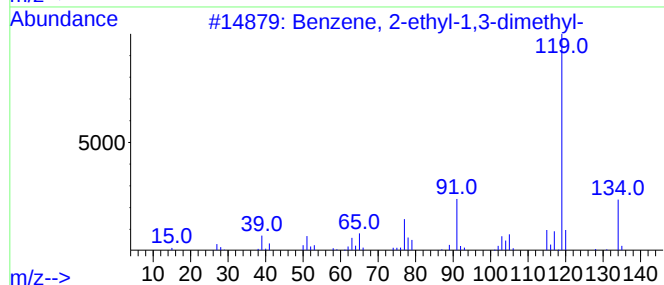
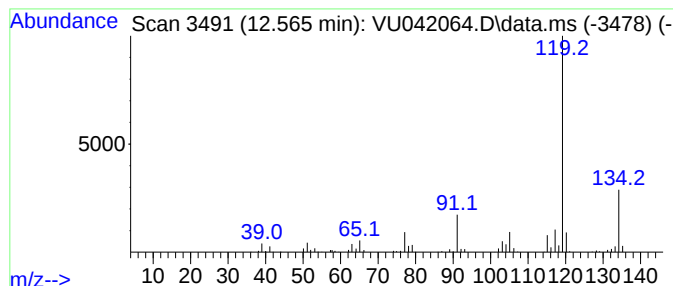
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.565	4.11 ug/L	245727	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



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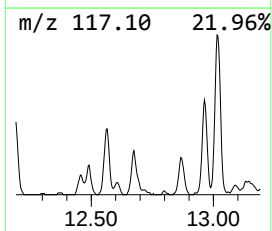
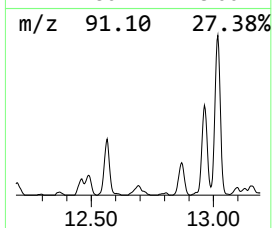
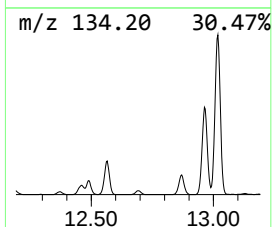
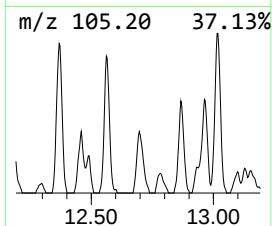
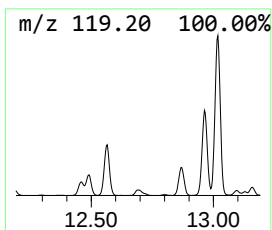
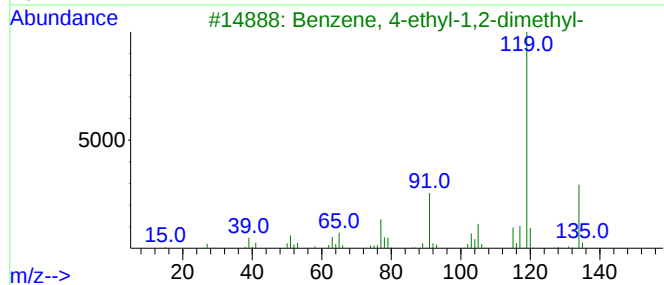
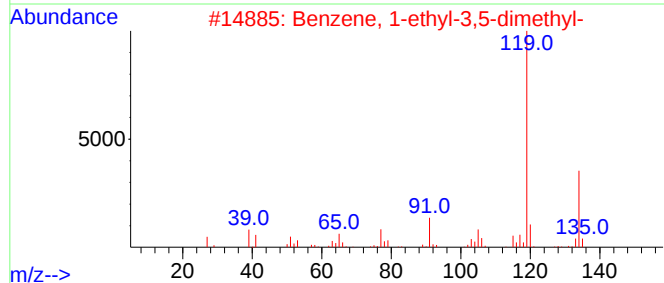
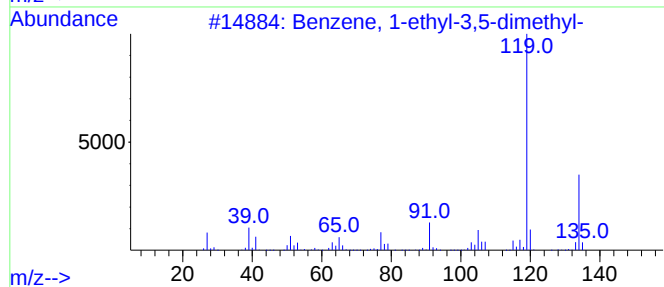
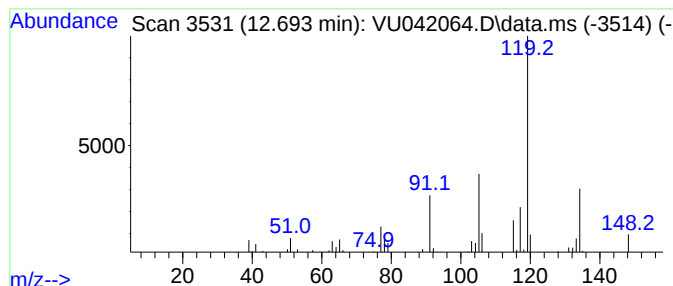
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.693	1.06 ug/L	63529	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	68
2			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	62



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ClientSampleId :
BFT61DL

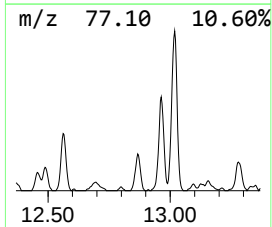
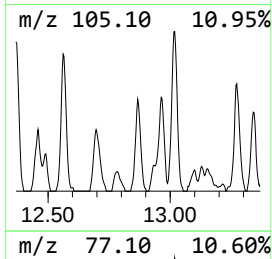
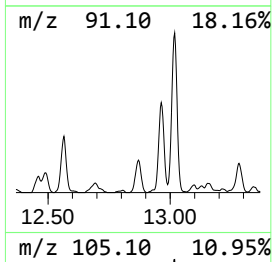
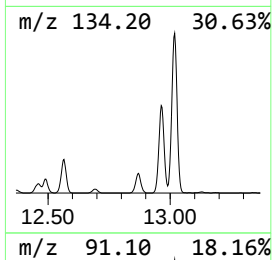
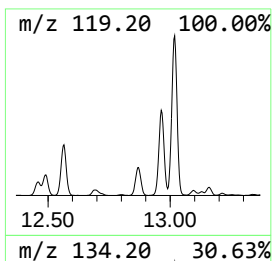
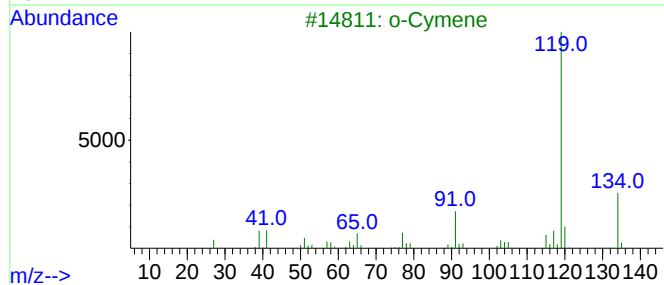
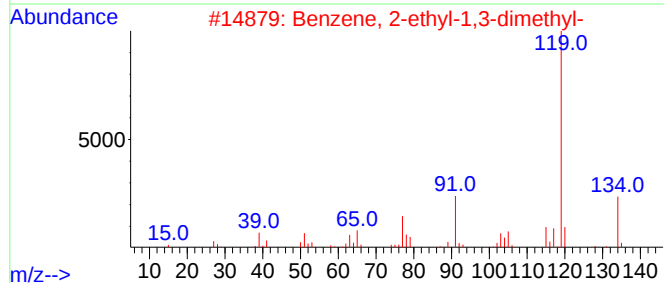
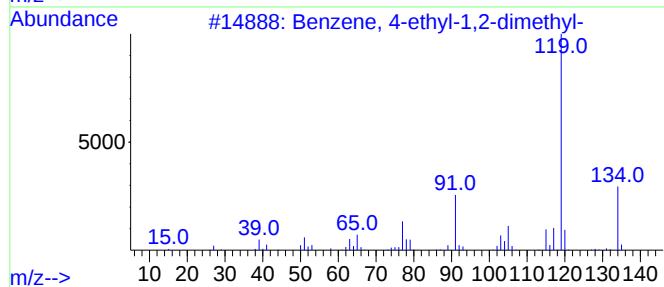
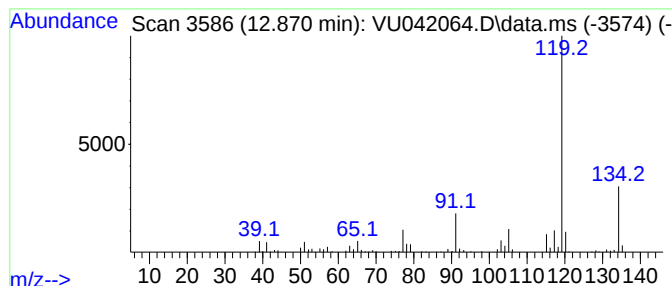
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.870	2.63 ug/L	157073	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

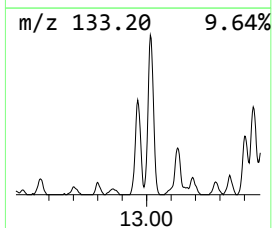
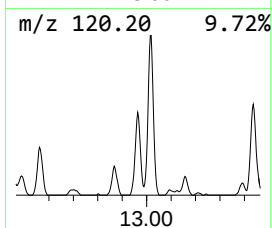
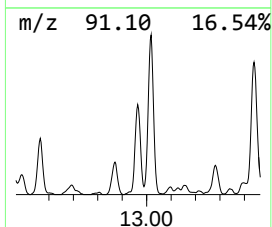
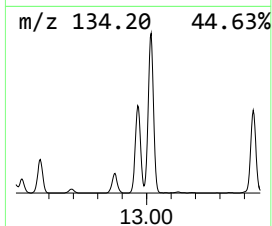
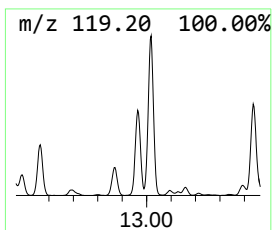
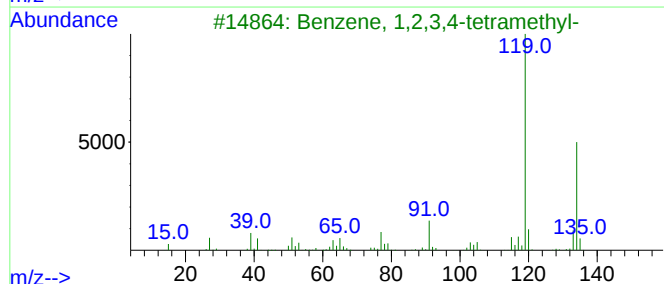
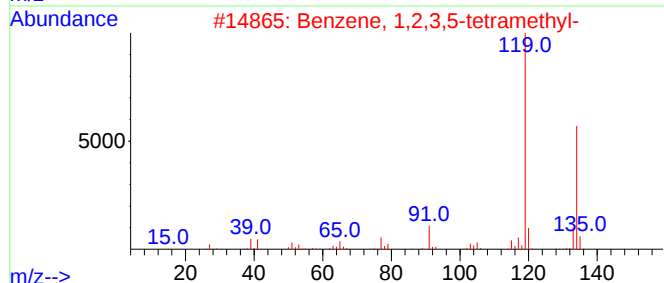
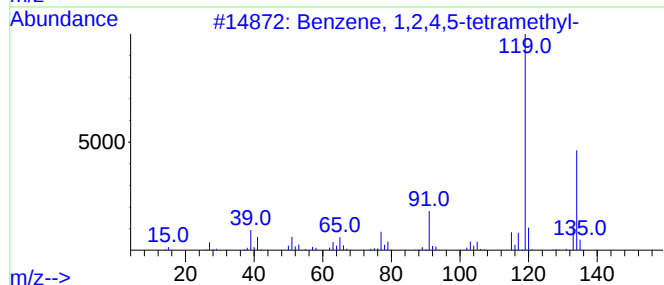
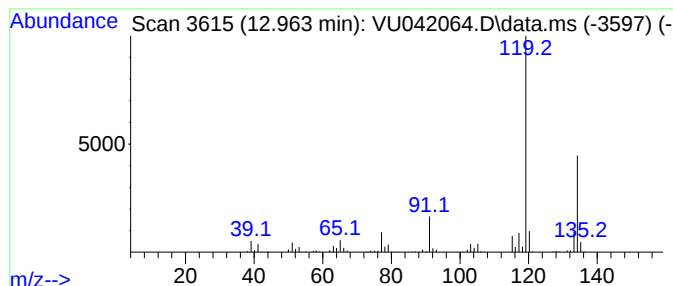
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.964	7.44 ug/L	444692	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
BFT61DL

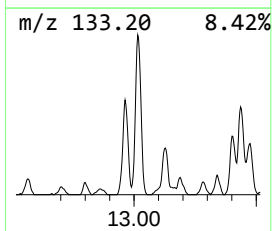
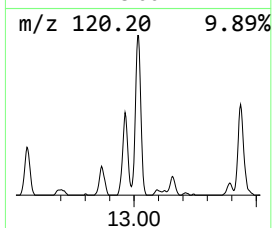
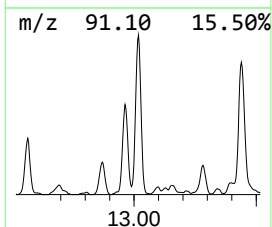
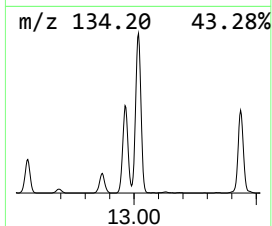
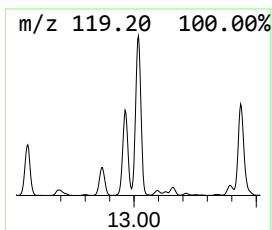
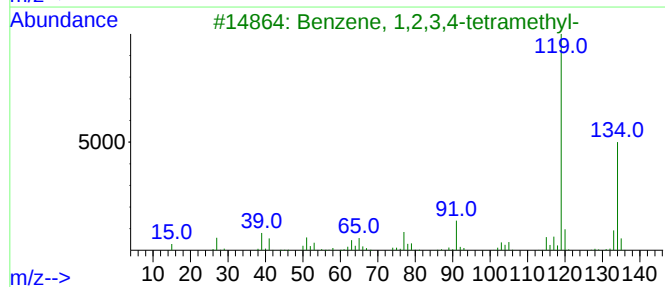
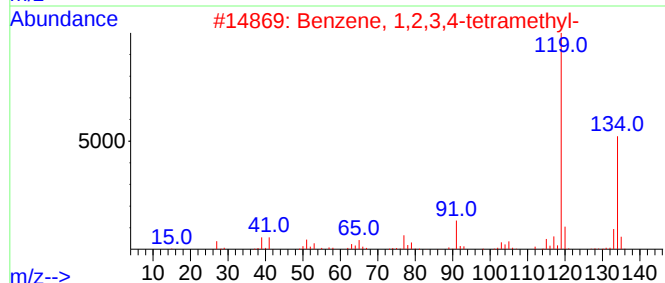
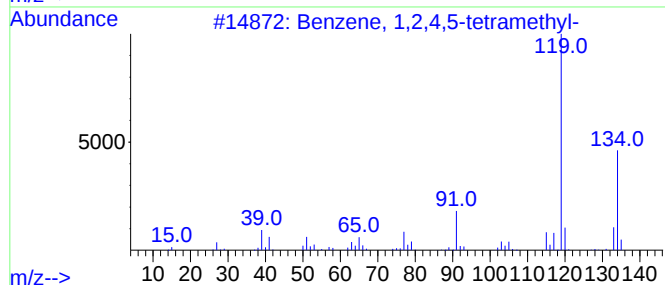
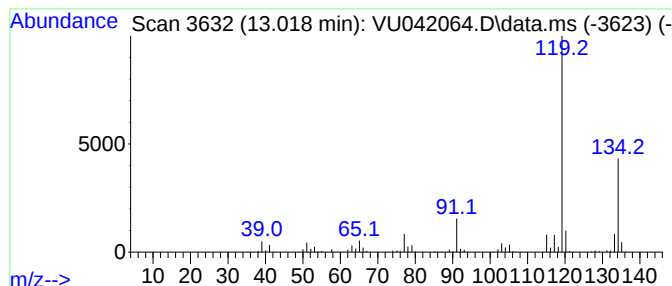
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.018	13.50 ug/L	807389	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

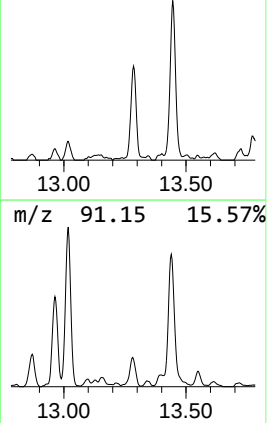
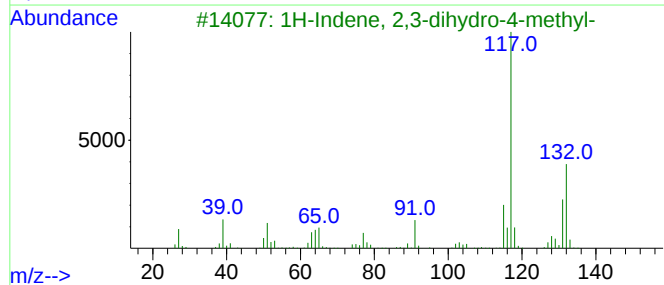
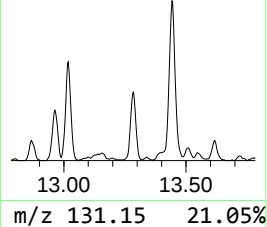
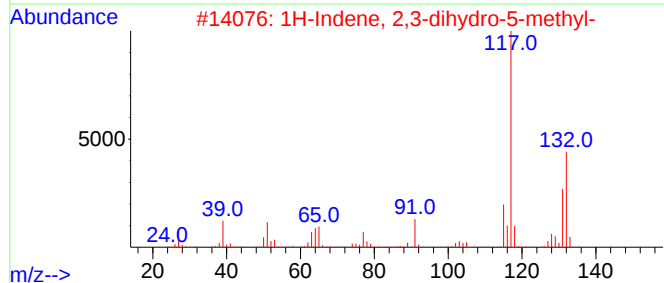
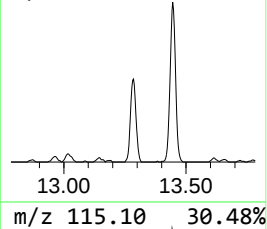
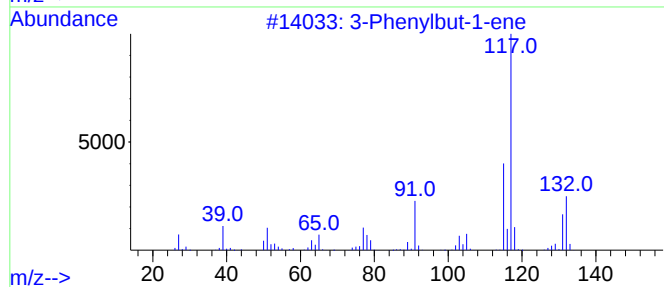
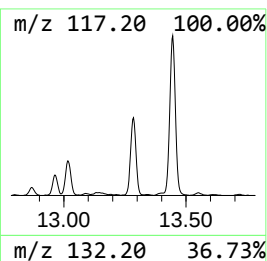
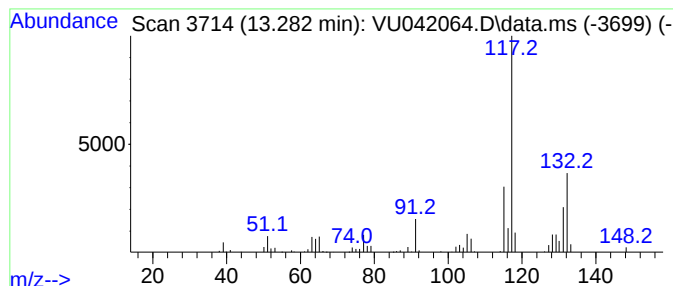
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	3.34 ug/L	199817	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

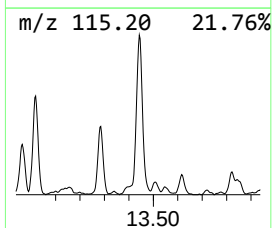
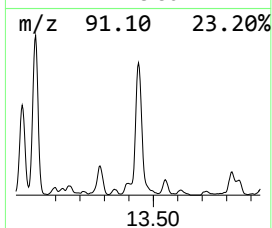
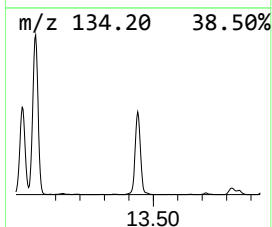
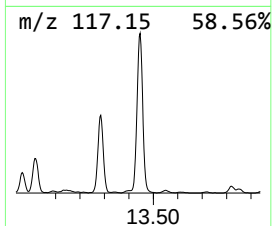
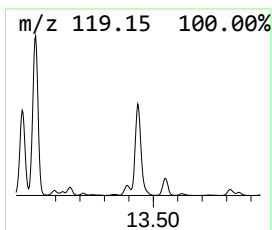
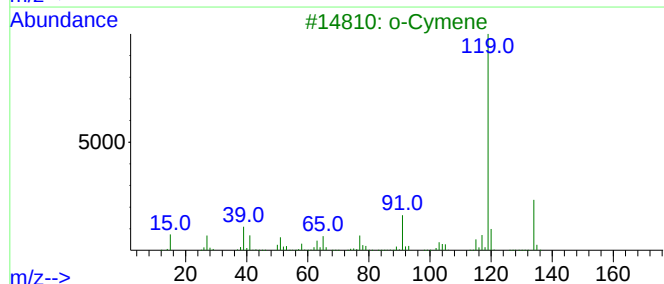
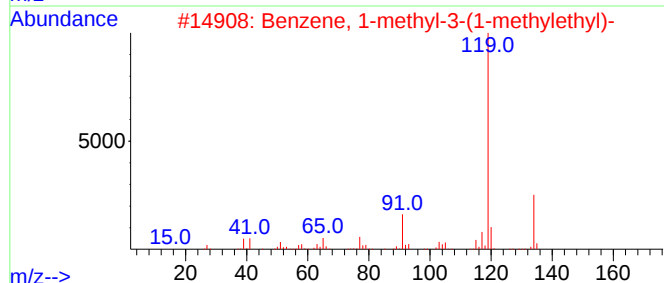
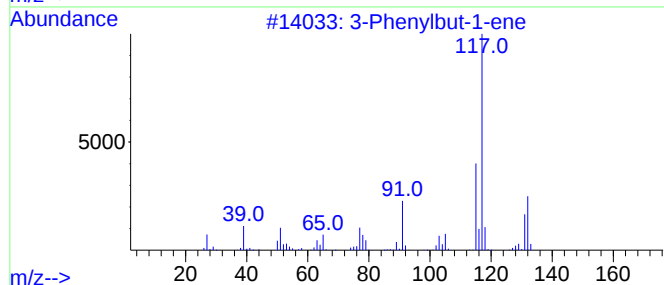
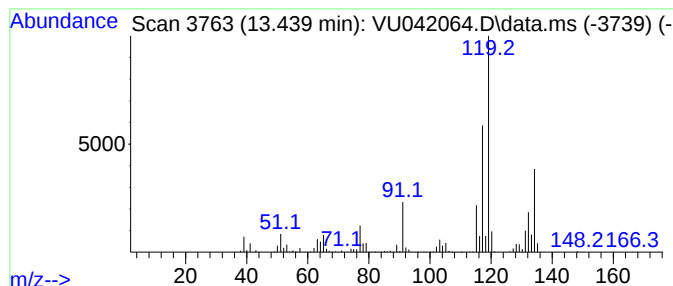
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 1-methyl-3-(1-meth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	16.11 ug/L	963398	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3			o-Cymene	134	C10H14	000527-84-4	64
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

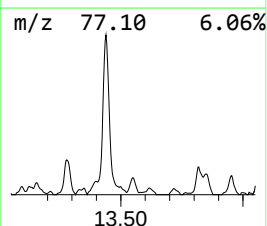
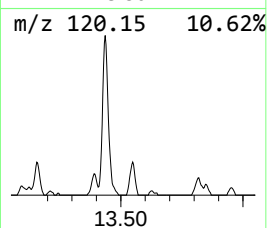
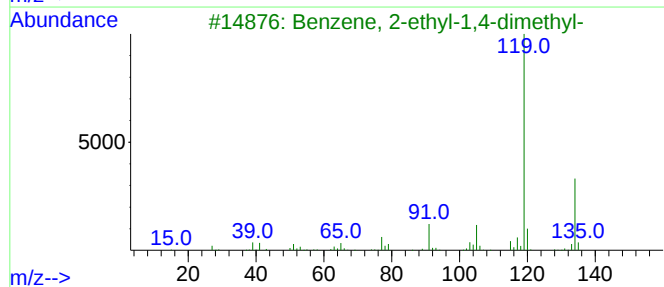
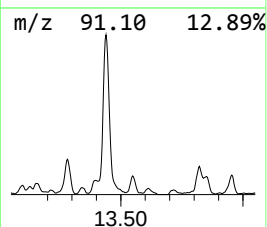
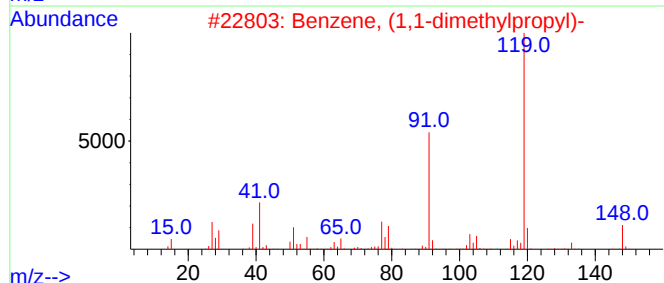
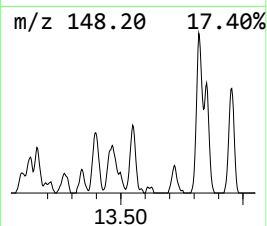
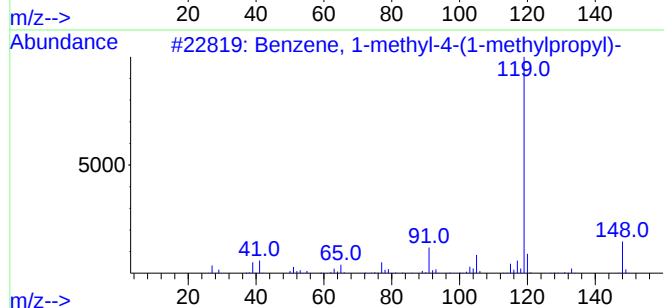
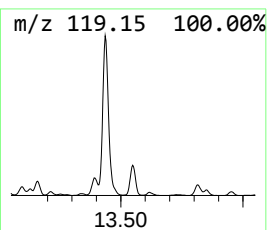
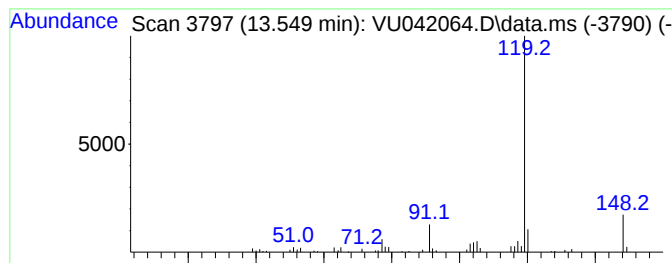
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzene, 1-methyl-4-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.549	1.07 ug/L	64241	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	86
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	78
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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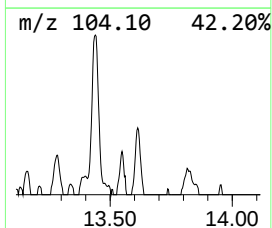
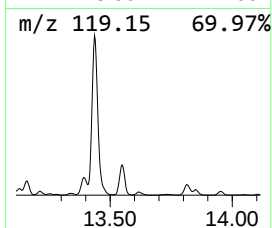
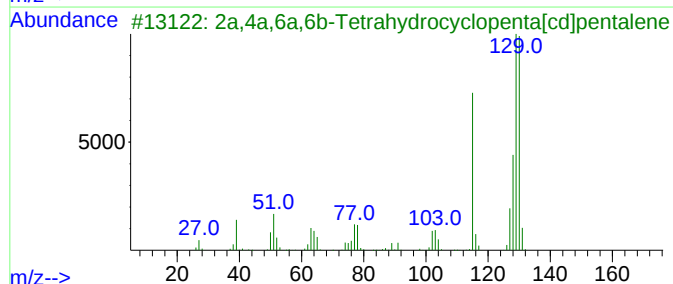
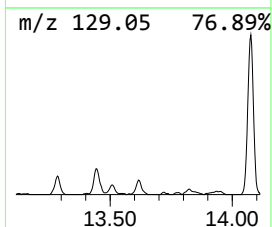
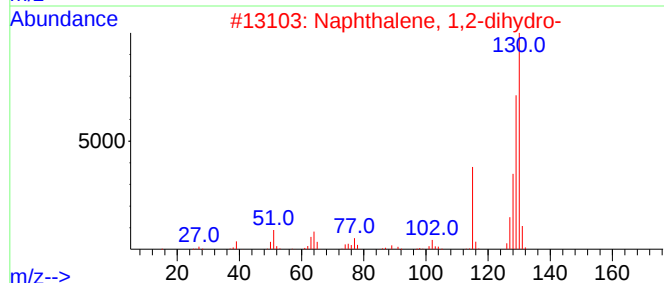
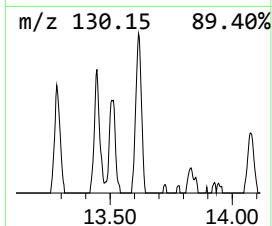
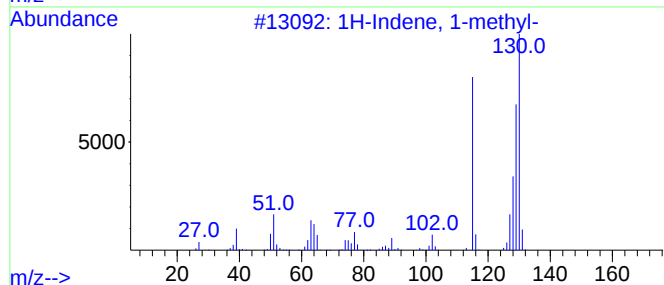
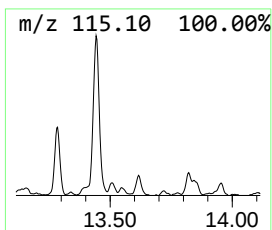
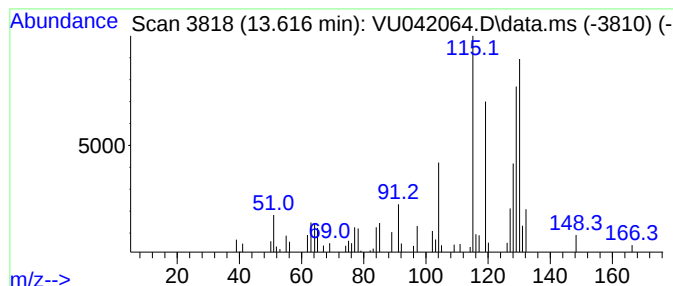
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1H-Indene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.616	0.60 ug/L	35727	1,4-Dichlorobenzene-d4	11.809

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	91
3		2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	90
4		Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	90
5		2-Methylindene	130	C10H10	002177-47-1	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

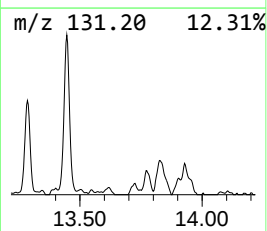
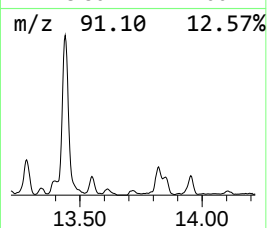
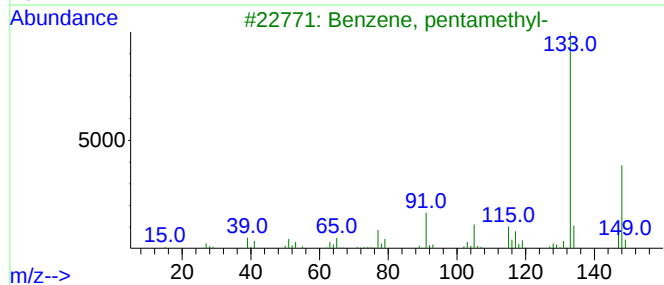
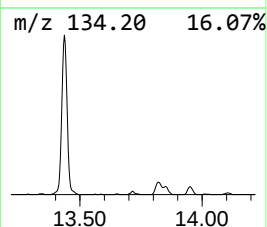
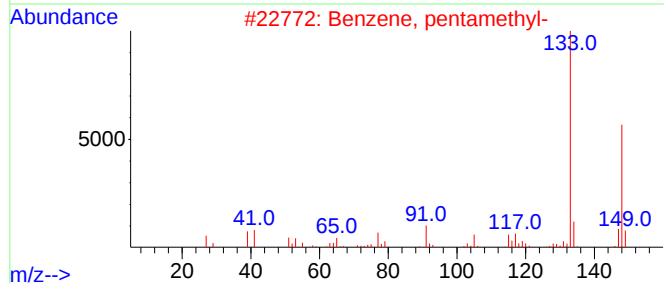
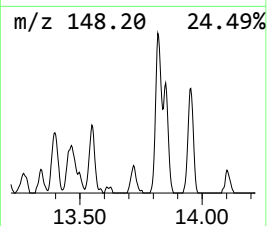
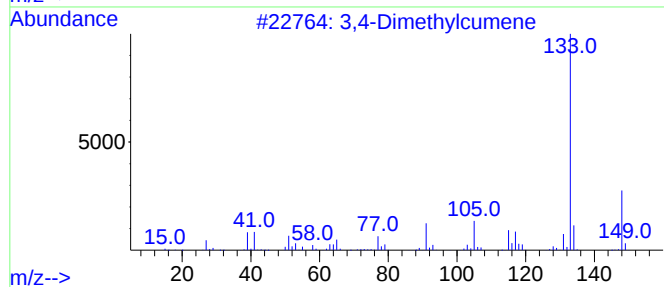
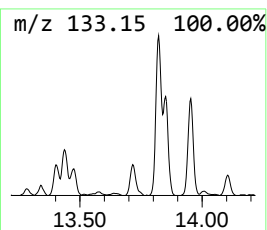
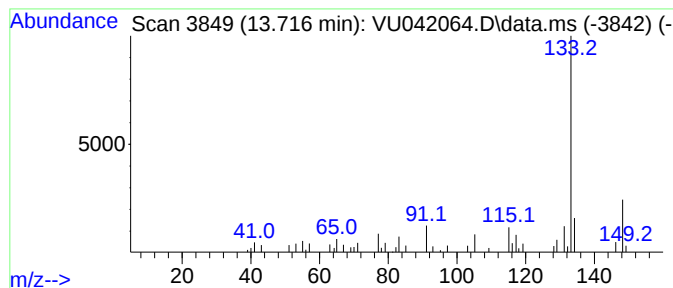
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 3,4-Dimethylcumene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	0.56 ug/L	33298	1,4-Dichlorobenzene-d4	11.809

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3		Benzene, pentamethyl-	148	C11H16	000700-12-9	87
4		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
5		Benzene, pentamethyl-	148	C11H16	000700-12-9	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

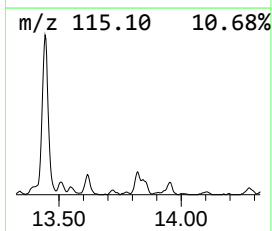
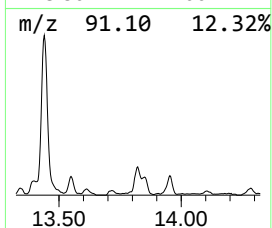
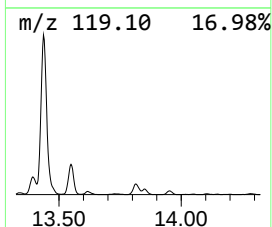
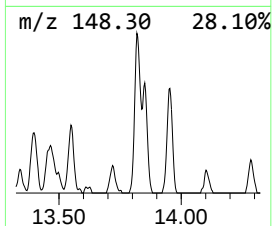
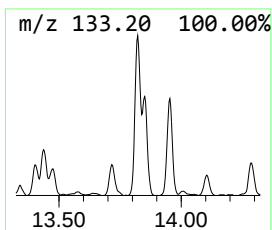
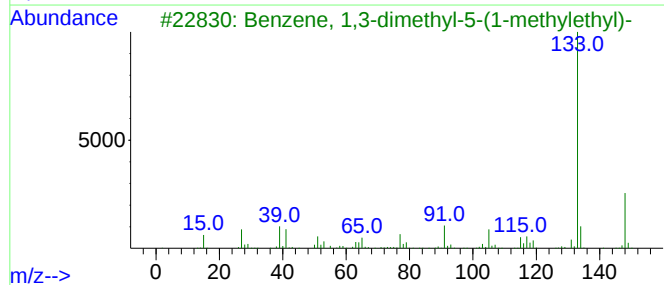
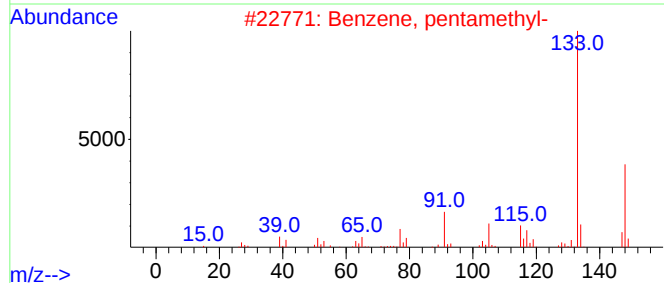
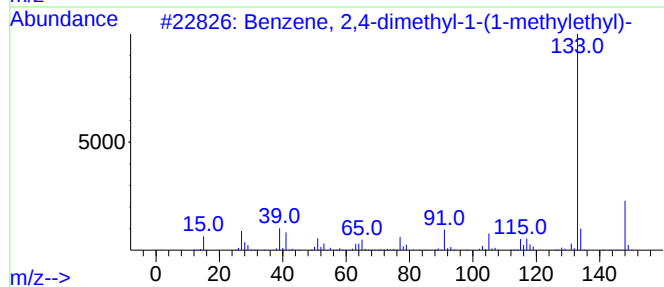
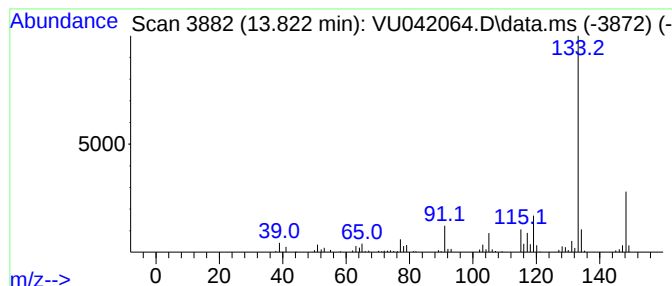
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	2.46 ug/L	147363	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	94
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	93
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
5			Benzene, pentamethyl-	148	C11H16	000700-12-9	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

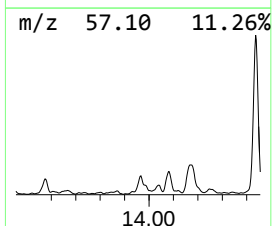
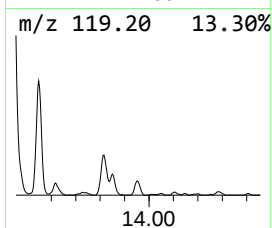
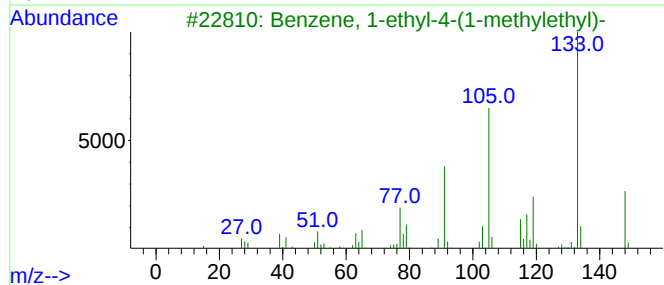
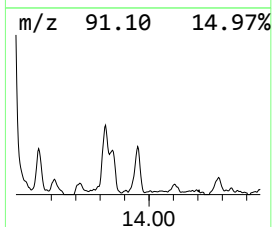
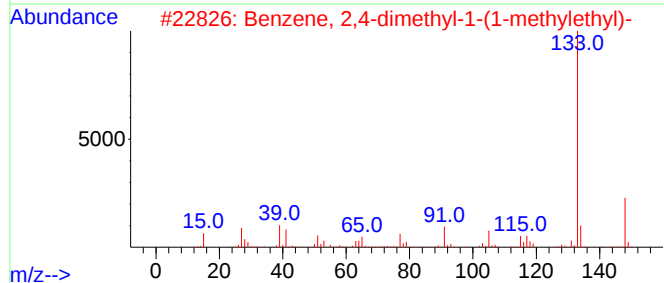
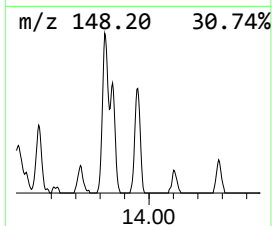
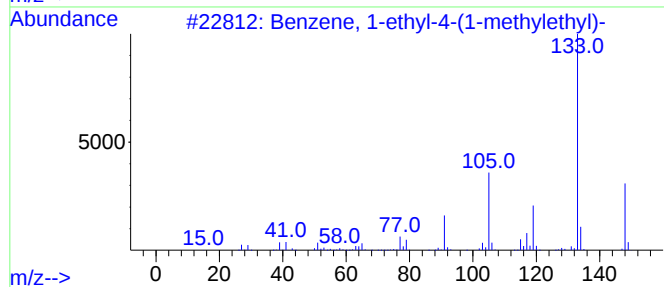
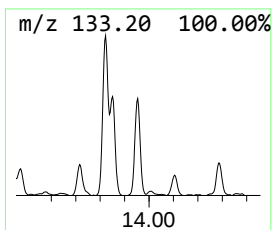
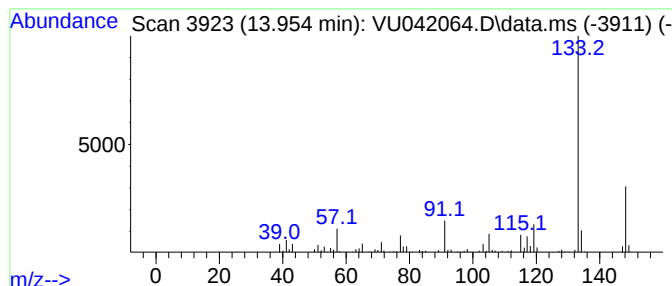
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.954	1.93 ug/L	115446	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
2			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	87
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	87
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

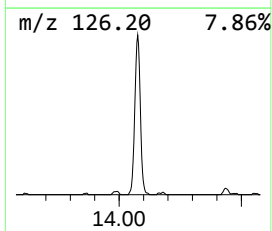
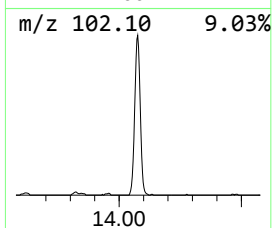
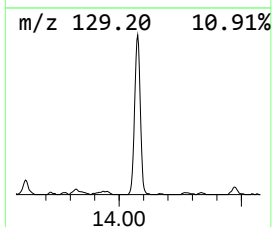
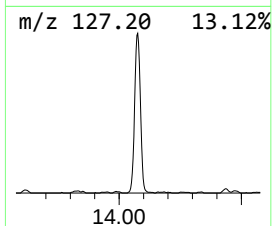
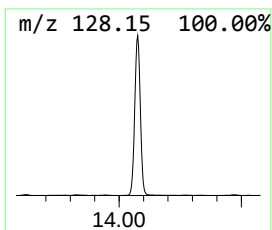
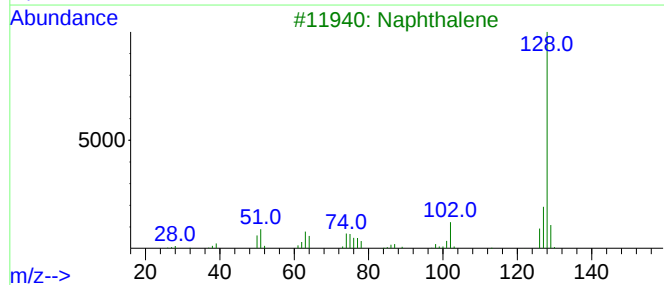
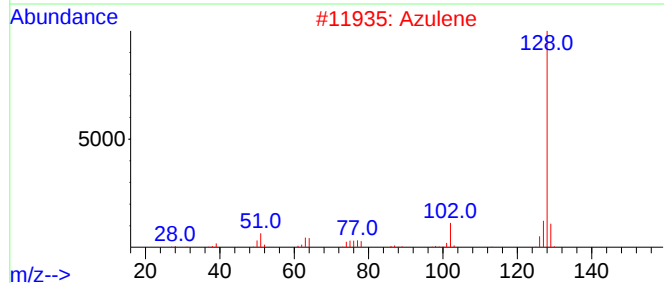
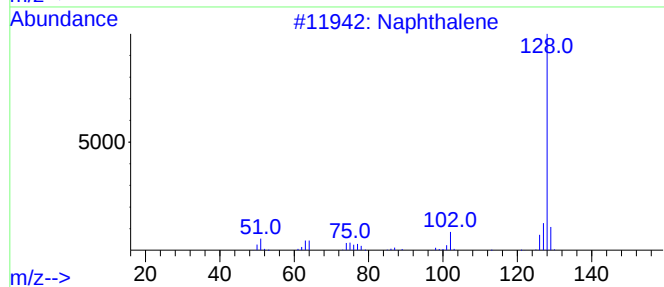
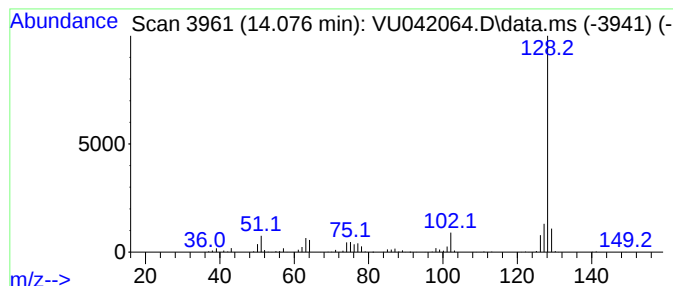
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.076	14.75 ug/L	882230	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	94
3			Naphthalene	128	C10H8	000091-20-3	91
4			Naphthalene	128	C10H8	000091-20-3	91
5			Azulene	128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

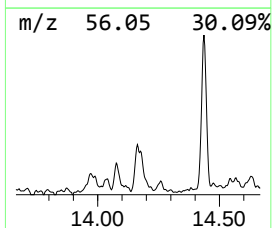
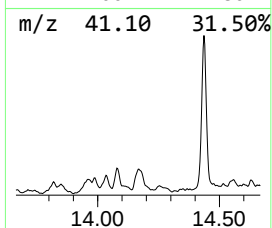
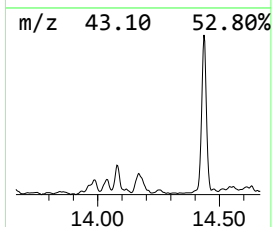
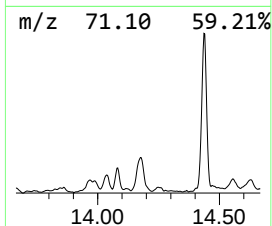
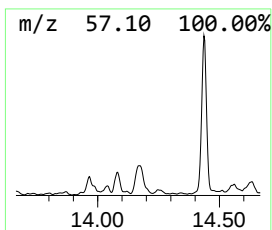
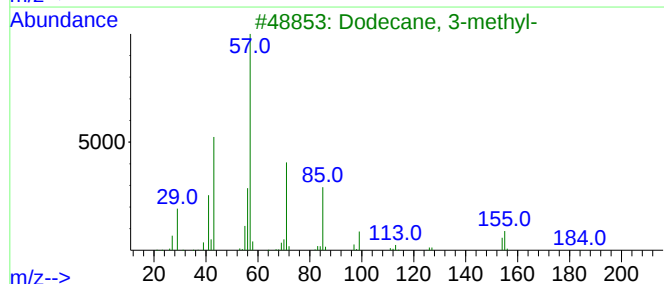
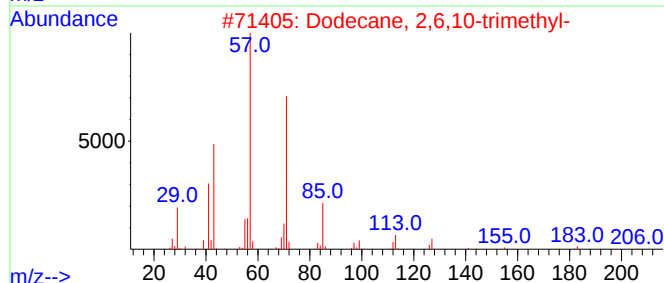
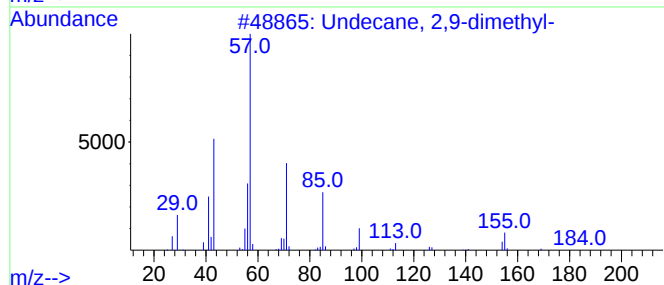
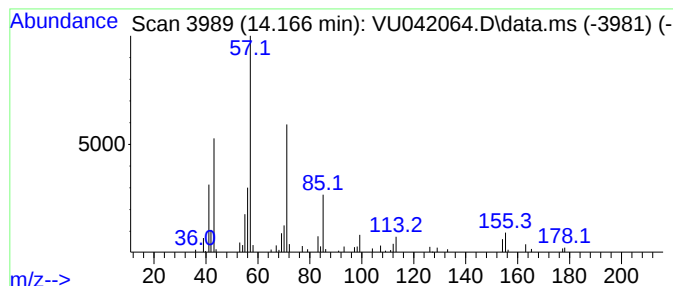
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.166	1.33 ug/L	79612	1,4-Dichlorobenzene-d4	11.809

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4		Octacosane	394	C28H58	000630-02-4	58
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

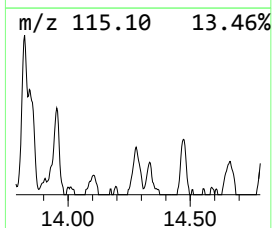
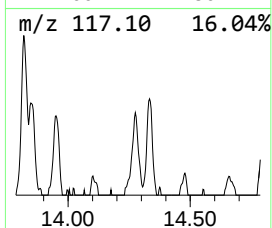
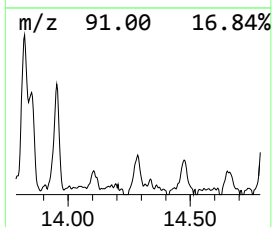
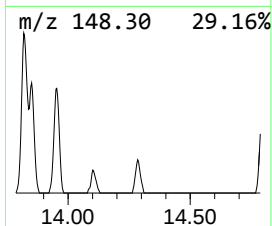
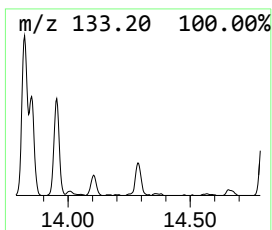
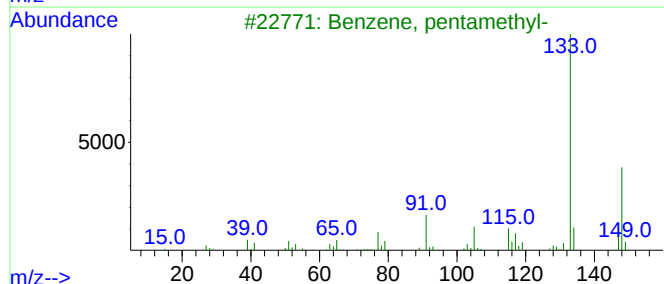
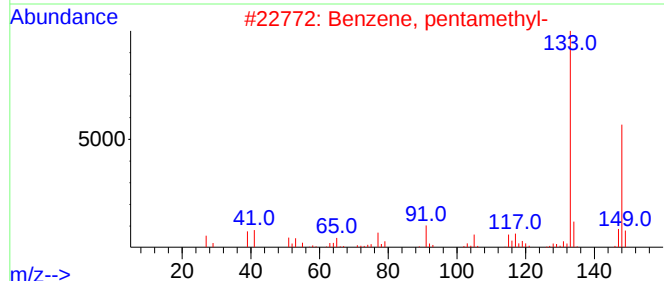
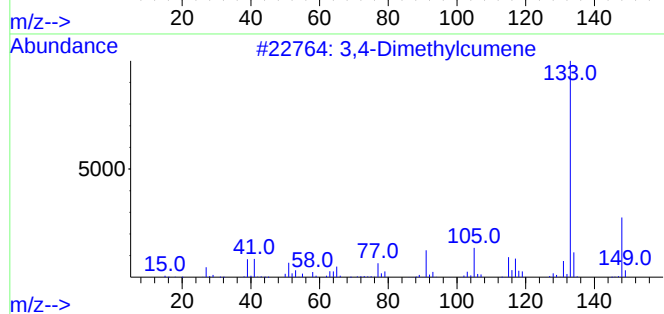
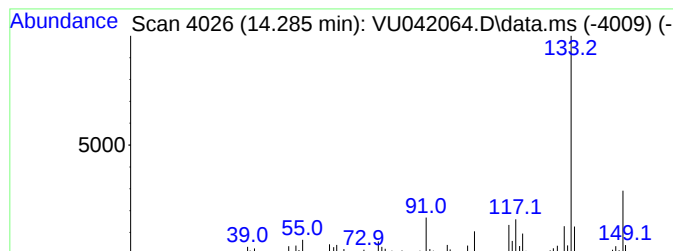
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, pentamethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.285	0.80 ug/L	47912	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	83
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	83
4			6-Methyl-4-indanol	148	C10H12O	020294-32-0	80
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

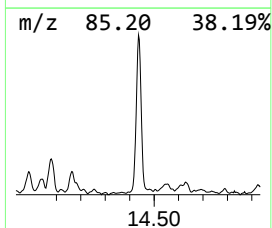
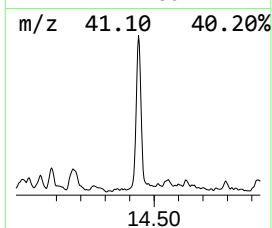
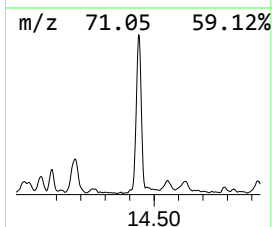
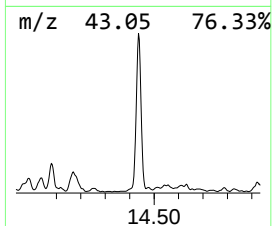
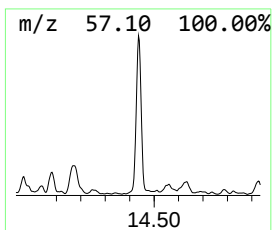
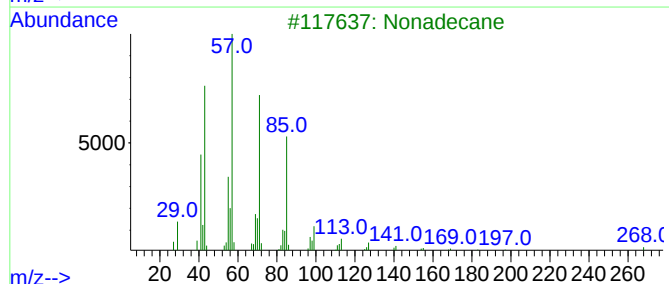
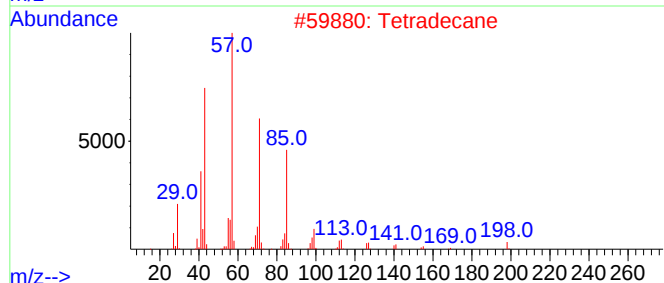
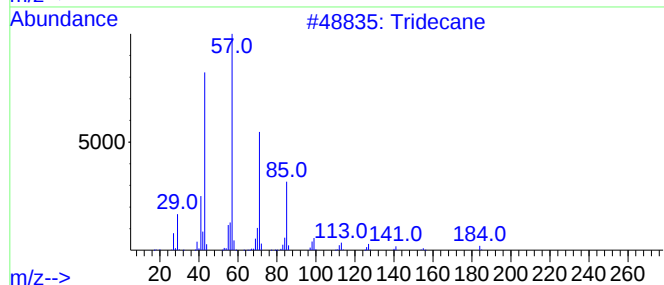
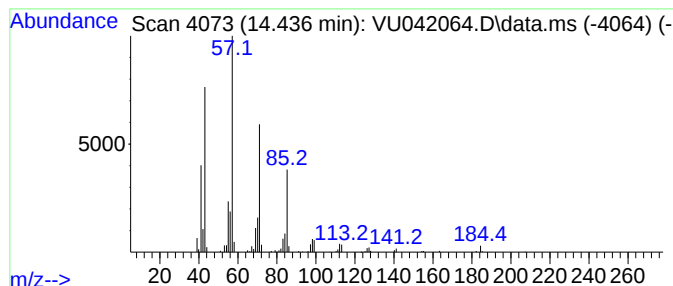
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.436	4.39 ug/L	262277	1,4-Dichlorobenzene-d4	11.809

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	94
2		Tetradecane	198	C14H30	000629-59-4	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Dodecane	170	C12H26	000112-40-3	90
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

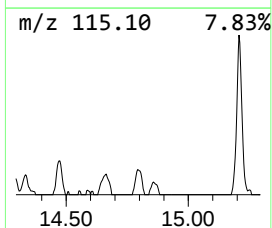
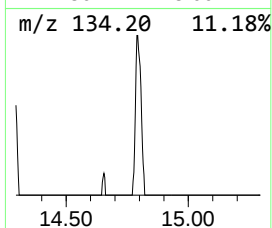
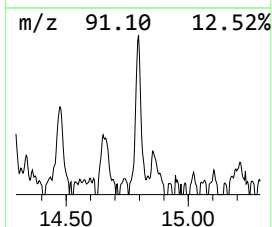
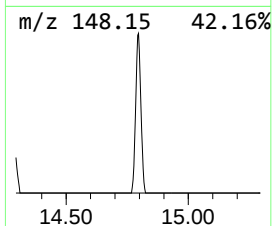
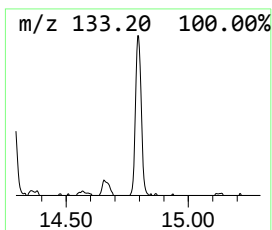
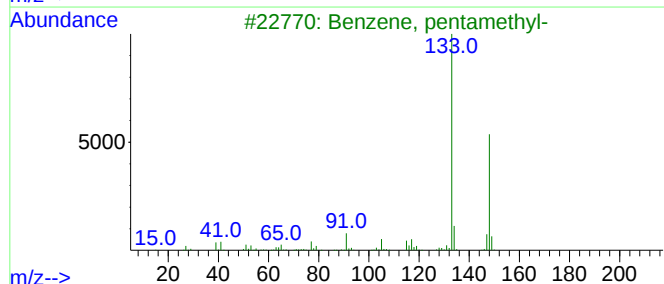
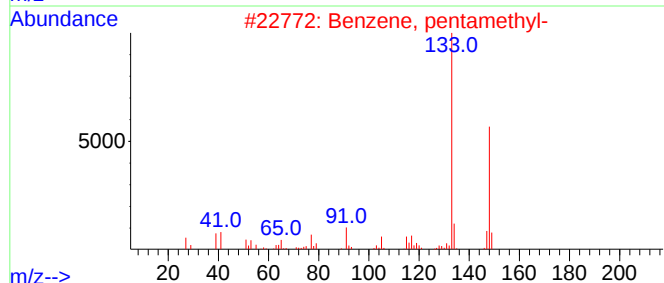
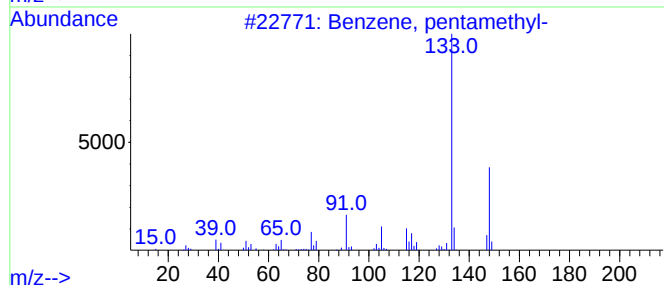
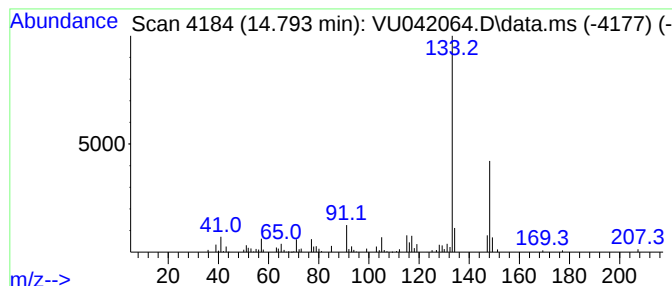
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	0.87 ug/L	52209	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	94
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	91
4			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

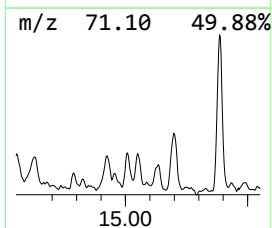
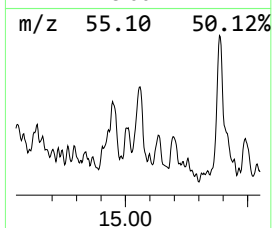
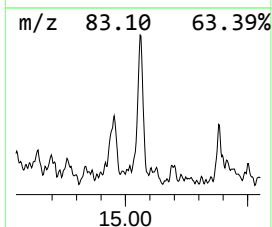
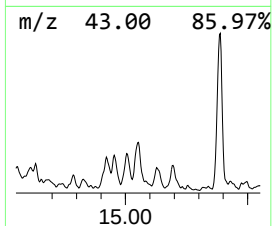
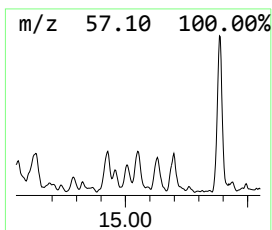
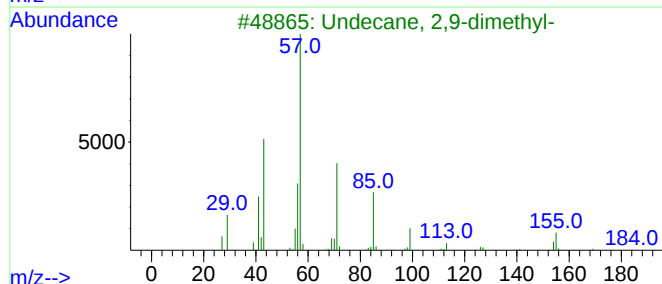
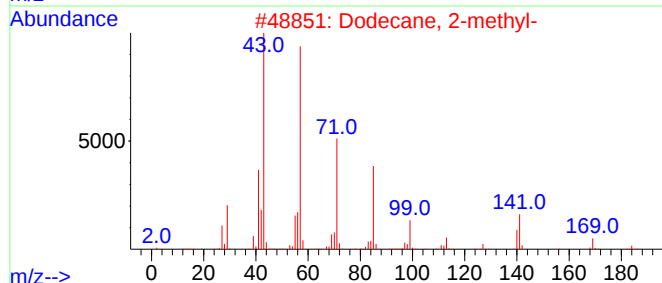
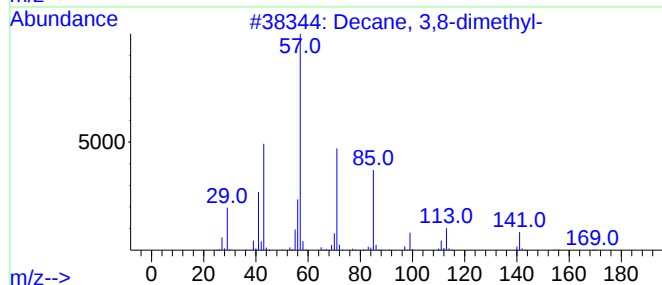
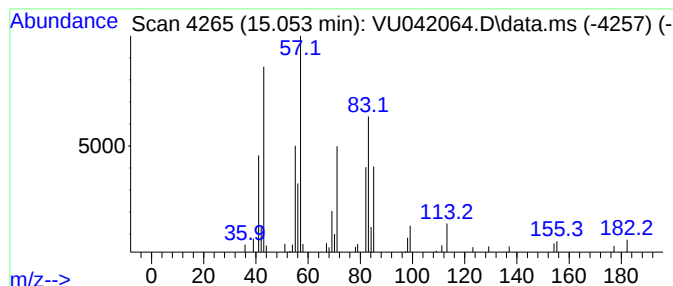
Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.053	0.60 ug/L	35930	1,4-Dichlorobenzene-d4		11.809	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	47
2	Dodecane, 2-methyl-		184	C13H28	001560-97-0	43
3	Undecane, 2,9-dimethyl-		184	C13H28	017301-26-7	43
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	43
5	Tetradecane		198	C14H30	000629-59-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

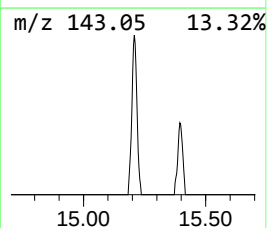
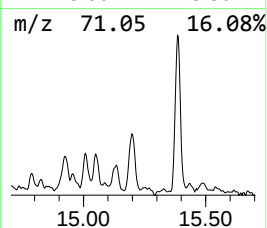
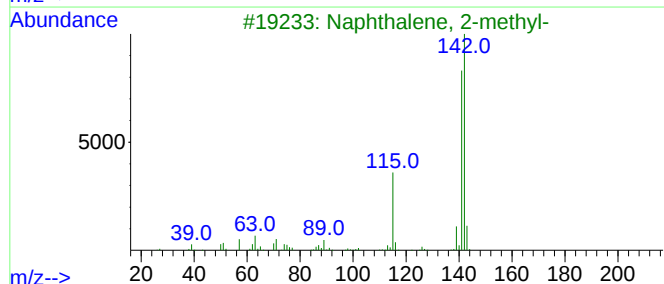
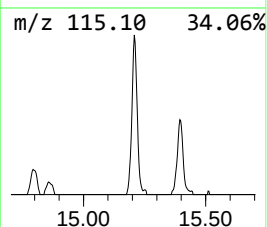
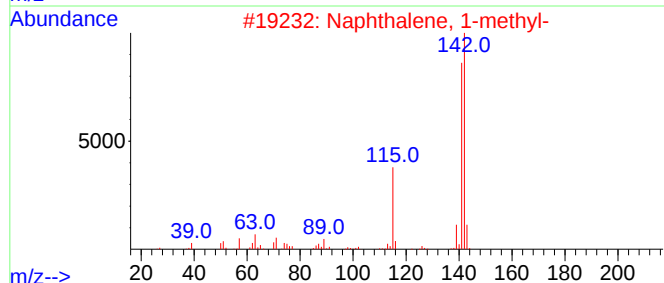
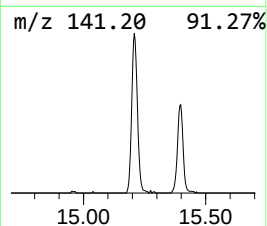
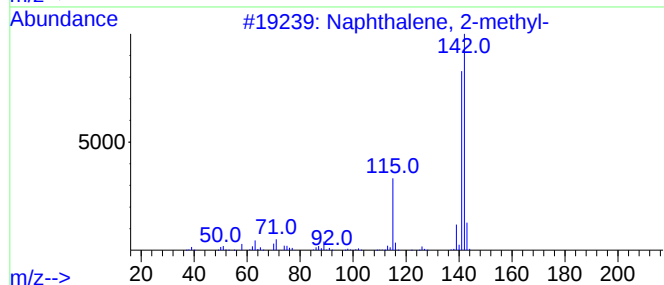
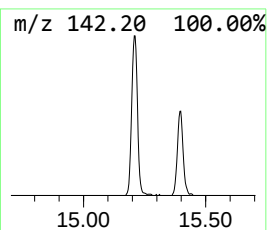
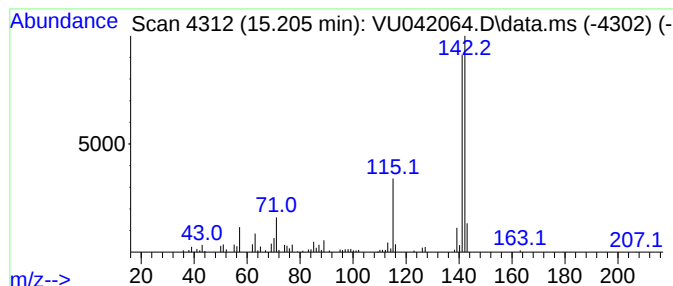
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	1.80 ug/L	107858	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
Data File : VU042064.D
Acq On : 15 Jan 2021 11:37
Operator : SY/MD
Sample : M1129-02DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFT61DL

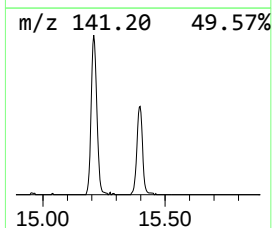
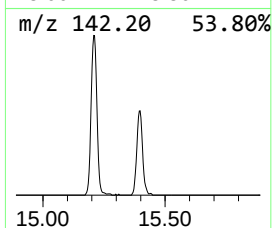
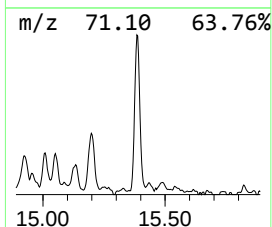
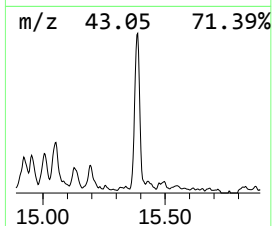
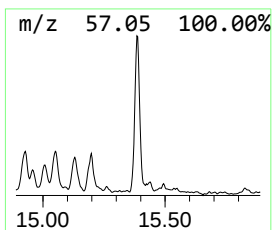
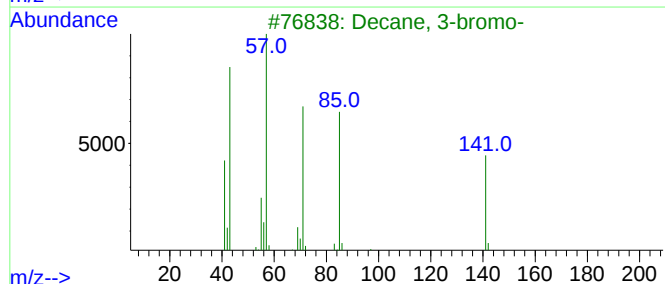
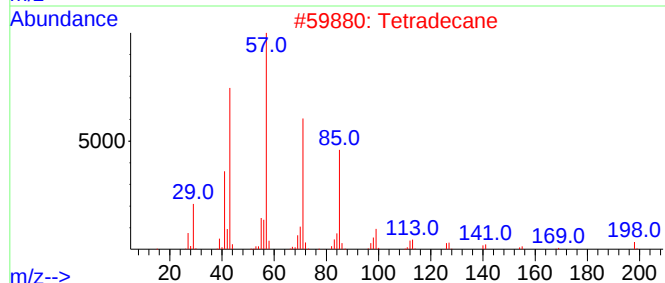
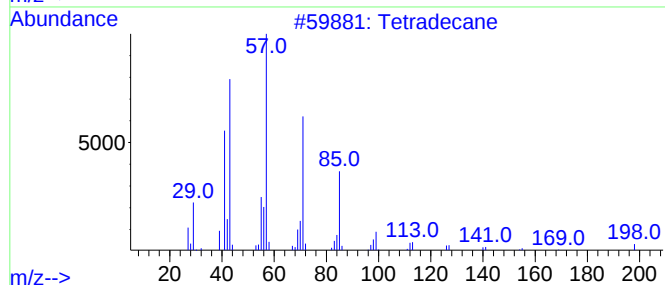
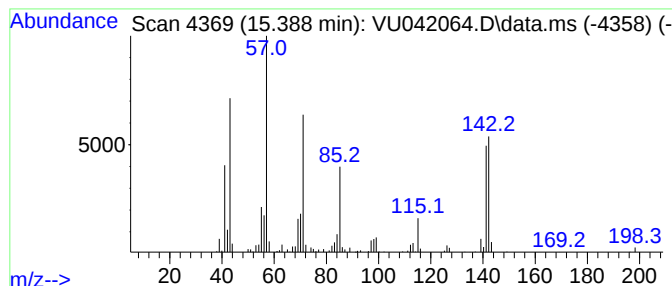
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.388	2.54 ug/L	152136	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	95
2			Tetradecane	198	C14H30	000629-59-4	89
3			Decane, 3-bromo-	220	C10H21Br	030571-71-2	52
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	50
5			Tridecane	184	C13H28	000629-50-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011521\
 Data File : VU042064.D
 Acq On : 15 Jan 2021 11:37
 Operator : SY/MD
 Sample : M1129-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFT61DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 2-ethy...	12.459	1.2	ug/L	70649	3	11.809	298990	5.0
o-Cymene	12.491	1.6	ug/L	92764	3	11.809	298990	5.0
Benzene, 2-ethy...	12.565	4.1	ug/L	245727	3	11.809	298990	5.0
Benzene, 1-ethy...	12.693	1.1	ug/L	63529	3	11.809	298990	5.0
Benzene, 4-ethy...	12.870	2.6	ug/L	157073	3	11.809	298990	5.0
Benzene, 1,2,4,...	12.964	7.4	ug/L	444692	3	11.809	298990	5.0
Benzene, 1,2,3,...	13.018	13.5	ug/L	807389	3	11.809	298990	5.0
3-Phenylbut-1-ene	13.282	3.3	ug/L	199817	3	11.809	298990	5.0
Benzene, 1-meth...	13.439	16.1	ug/L	963398	3	11.809	298990	5.0
Benzene, 1-meth...	13.549	1.1	ug/L	64241	3	11.809	298990	5.0
1H-Indene, 1-me...	13.616	0.6	ug/L	35727	3	11.809	298990	5.0
3,4-Dimethylcumene	13.716	0.6	ug/L	33298	3	11.809	298990	5.0
Benzene, 2,4-di...	13.822	2.5	ug/L	147363	3	11.809	298990	5.0
Benzene, 1-ethy...	13.954	1.9	ug/L	115446	3	11.809	298990	5.0
Azulene	14.076	14.8	ug/L	882230	3	11.809	298990	5.0
(DEL) Alkane: S...	14.166	1.3	ug/L	79612	3	11.809	298990	5.0
Benzene, pentam...	14.285	0.8	ug/L	47912	3	11.809	298990	5.0
(DEL) Alkane: S...	14.436	4.4	ug/L	262277	3	11.809	298990	5.0
Benzene, 1,3-di...	14.793	0.9	ug/L	52209	3	11.809	298990	5.0
(DEL) Alkane: S...	15.053	0.6	ug/L	35930	3	11.809	298990	5.0
Naphthalene, 1-...	15.204	1.8	ug/L	107858	3	11.809	298990	5.0
(DEL) Alkane: S...	15.388	2.5	ug/L	152136	3	11.809	298990	5.0