

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052220\
 Data File : VU038287.D
 Acq On : 22 May 2020 19:02
 Operator : JC/MD
 Sample : L2724-13DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T9DL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

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: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.613	74	85	92	rBV	146608	175992	3.31%	0.775%
2	1.932	176	184	200	rVB	127324	187095	3.52%	0.824%
3	2.401	320	330	349	rVB	194247	294104	5.53%	1.295%
4	2.591	378	389	403	rBV	235273	385291	7.25%	1.696%
5	4.034	814	838	863	rBV	911049	2385186	44.86%	10.500%
6	4.571	988	1005	1019	rBV	62024	148511	2.79%	0.654%
7	4.665	1020	1034	1071	rVB	267271	664497	12.50%	2.925%
8	5.099	1149	1169	1196	rBV3	307052	700403	13.17%	3.083%
9	5.761	1351	1375	1383	rBV2	460650	1225269	23.05%	5.394%
10	5.809	1383	1390	1403	rVB	393656	751903	14.14%	3.310%
11	6.279	1520	1536	1565	rBV	383903	728995	13.71%	3.209%
12	6.722	1657	1674	1687	rBV	290133	576380	10.84%	2.537%
13	6.931	1727	1739	1752	rVB2	30076	55647	1.05%	0.245%
14	7.591	1932	1944	1957	rBV	151322	261965	4.93%	1.153%
15	7.922	2026	2047	2060	rBV	545441	1000531	18.82%	4.405%
16	7.992	2061	2069	2083	rVB	78911	143284	2.70%	0.631%
17	8.201	2121	2134	2148	rBV	97544	162628	3.06%	0.716%
18	8.655	2262	2275	2288	rBV	818194	1428952	26.88%	6.291%
19	9.465	2505	2527	2555	rBV2	2575893	5316553	100.00%	23.405%
20	9.587	2555	2565	2590	rVB	176531	325946	6.13%	1.435%
21	9.713	2590	2604	2617	rBV	66917	115512	2.17%	0.509%
22	10.118	2718	2730	2755	rBV2	110212	202038	3.80%	0.889%
23	10.500	2836	2849	2860	rBV	168523	279486	5.26%	1.230%
24	10.770	2913	2933	2945	rBV	234010	415601	7.82%	1.830%
25	10.918	2958	2979	2995	rBV	196404	411482	7.74%	1.811%
26	10.999	2995	3004	3011	rVV2	54505	90508	1.70%	0.398%
27	11.044	3011	3018	3030	rVV	59872	98491	1.85%	0.434%
28	11.304	3087	3099	3119	rVB	162371	270312	5.08%	1.190%
29	11.648	3200	3206	3219	rVB5	54122	92120	1.73%	0.406%
30	11.825	3248	3261	3276	rVV2	595738	1130972	21.27%	4.979%
31	11.899	3276	3284	3298	rVB4	89114	150998	2.84%	0.665%
32	12.108	3333	3349	3363	rVB2	249515	409025	7.69%	1.801%
33	12.204	3365	3379	3399	rVB	618545	1093698	20.57%	4.815%
34	12.587	3484	3498	3505	rBV	34980	55498	1.04%	0.244%

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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

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Title : TRACE VOA SOM01.0

35	12.886	3580	3591	3610	rBV	138546	231595	4.36%	1.020%
36	14.114	3962	3973	3988	rVB2	42279	72593	1.37%	0.320%
37	16.966	4847	4860	4877	rBV	398825	676031	12.72%	2.976%

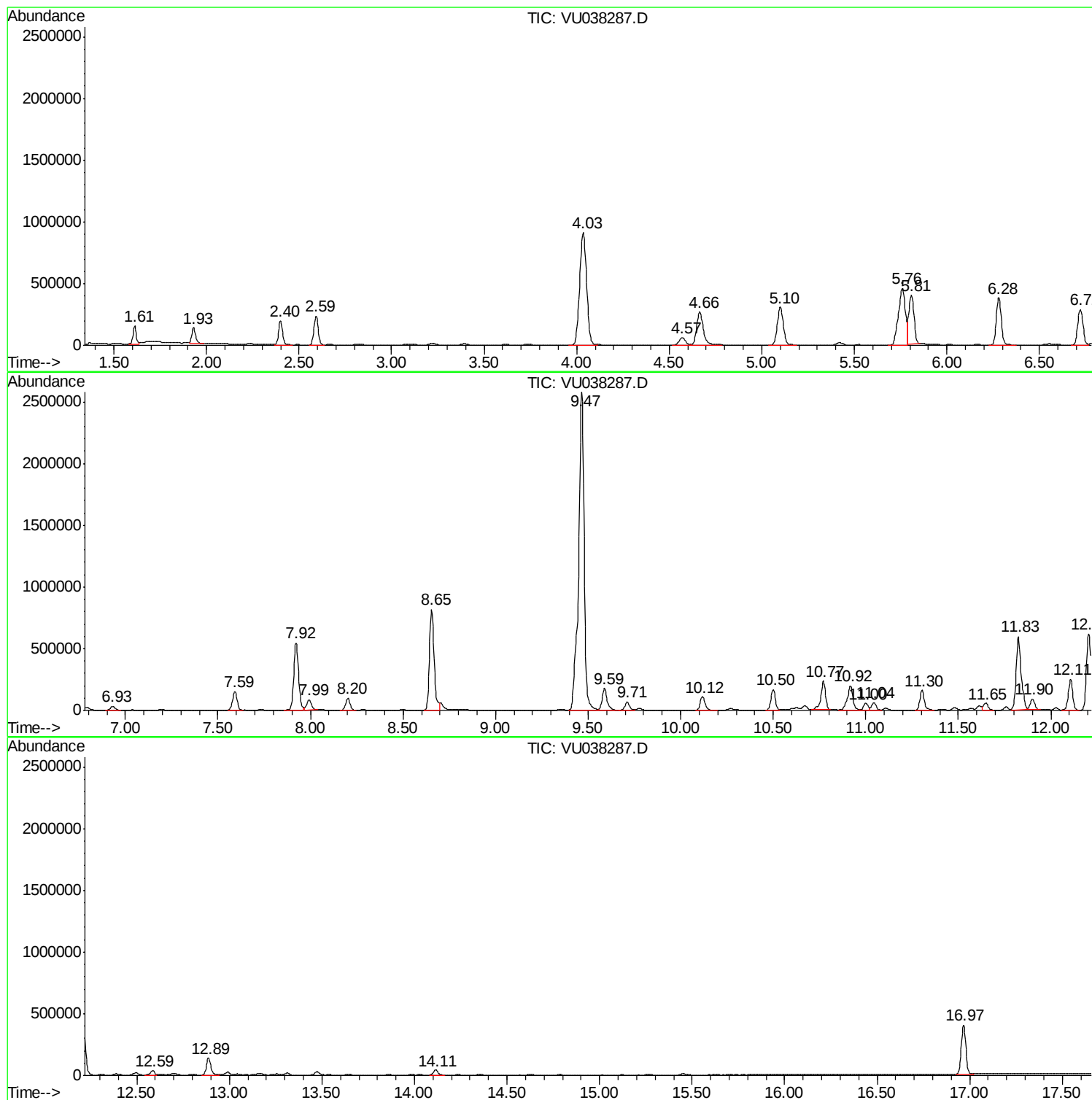
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Quant Title : TRACE VOA SOM01.0

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



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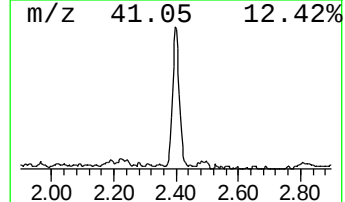
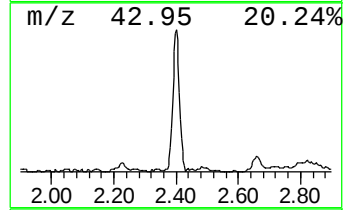
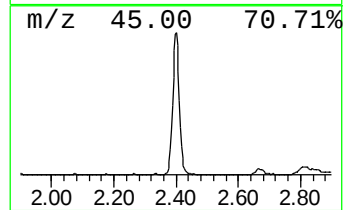
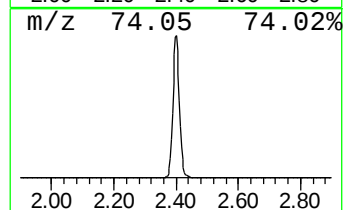
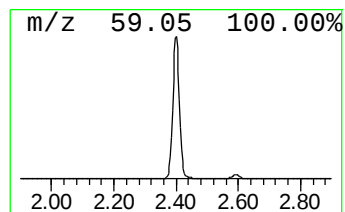
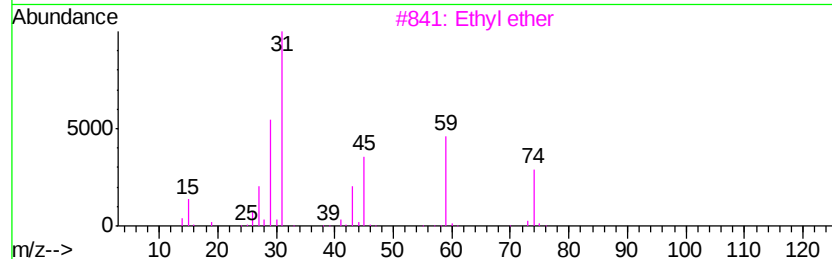
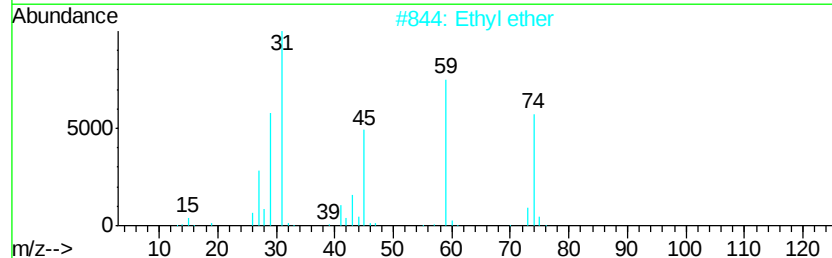
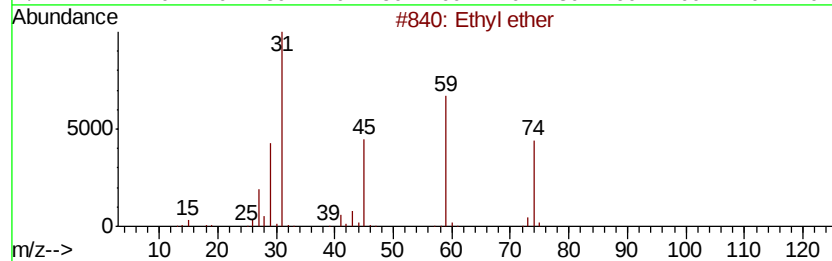
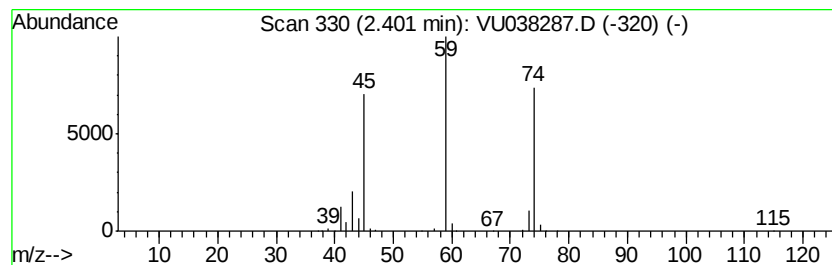
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	2.02 ug/L	294104	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl ether	74	C4H10O	000060-29-7	90
2		Ethyl ether	74	C4H10O	000060-29-7	90
3		Ethyl ether	74	C4H10O	000060-29-7	83
4		Ethyl ether	74	C4H10O	000060-29-7	74
5		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	56



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ClientSampleID :
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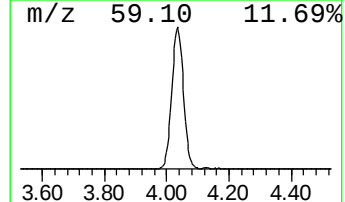
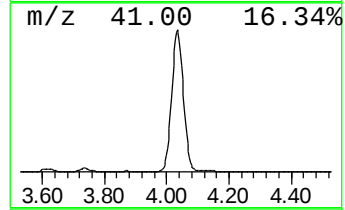
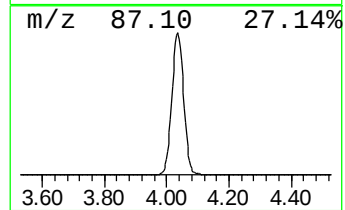
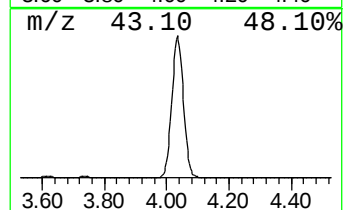
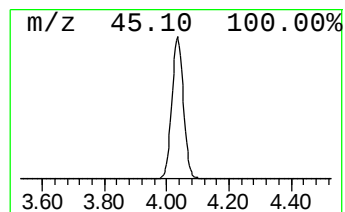
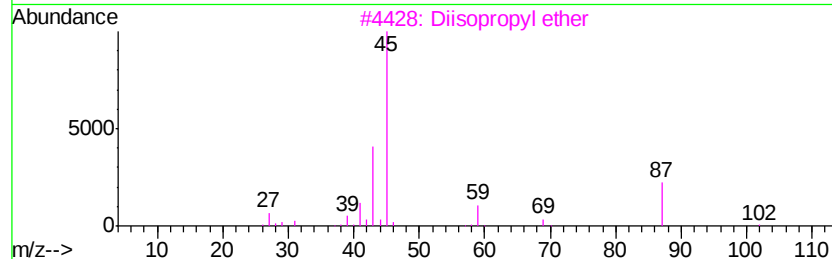
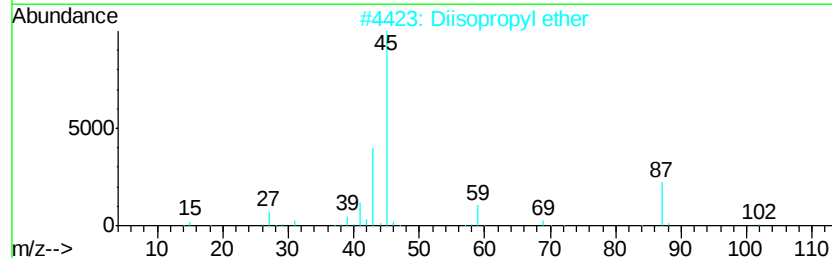
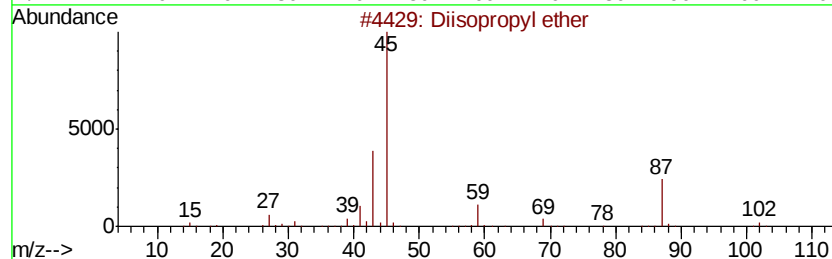
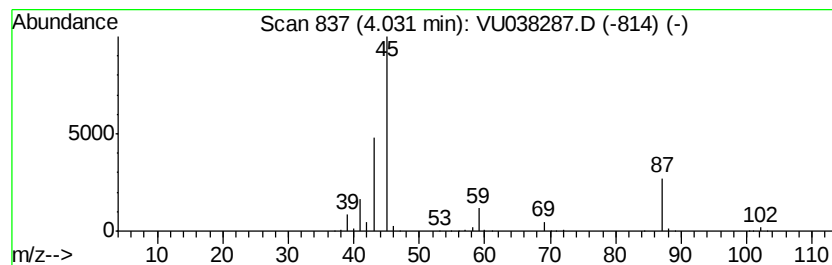
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	16.36 ug/L	2385190	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisopropyl ether	102	C6H14O	000108-20-3	91
2		Diisopropyl ether	102	C6H14O	000108-20-3	83
3		Diisopropyl ether	102	C6H14O	000108-20-3	83
4		1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
5		Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	43



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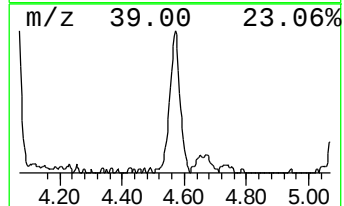
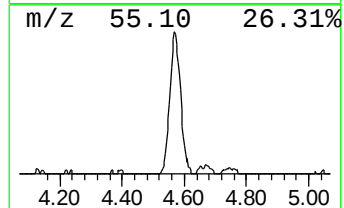
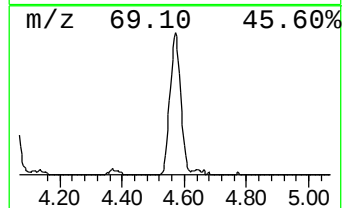
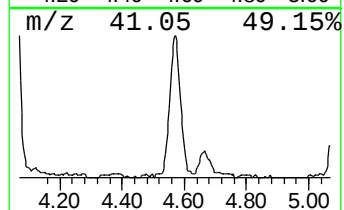
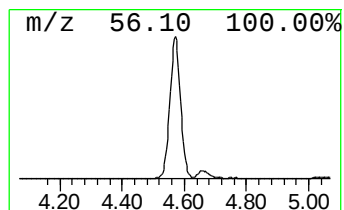
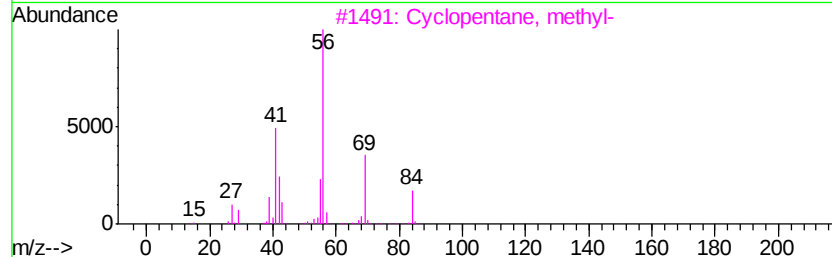
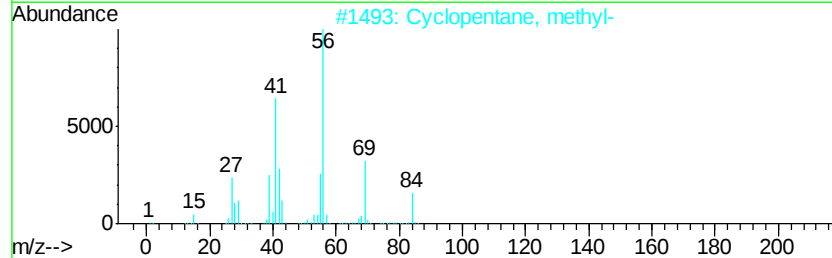
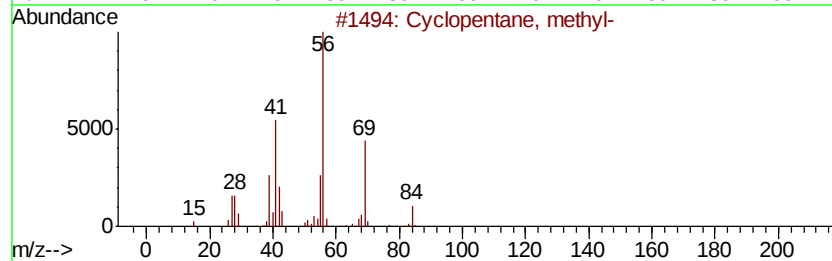
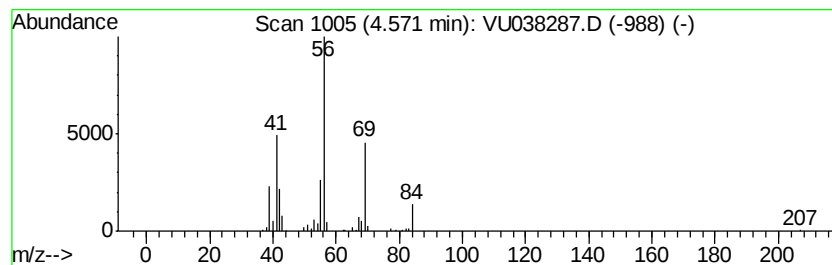
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic4.57 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	1.02 ug/L	148511	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5		Cyclohexane	84	C6H12	000110-82-7	78



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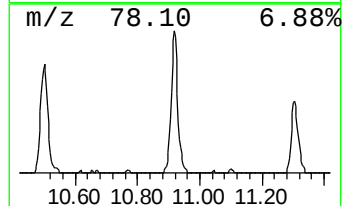
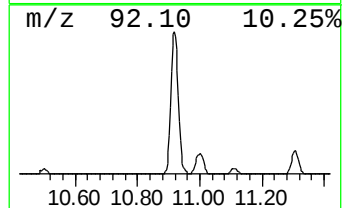
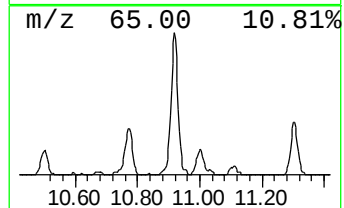
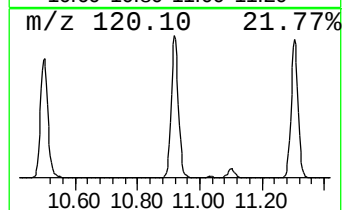
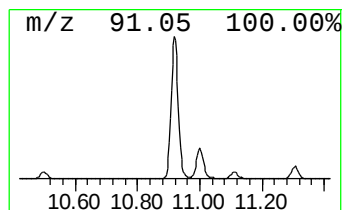
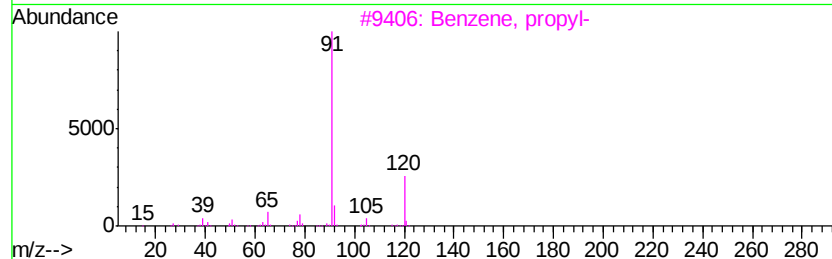
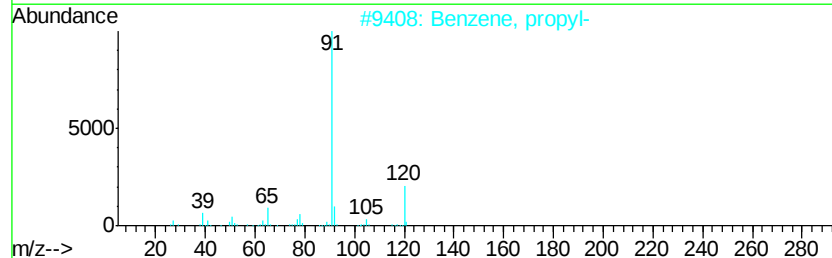
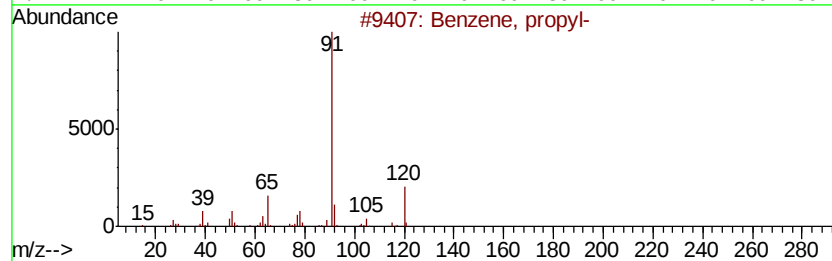
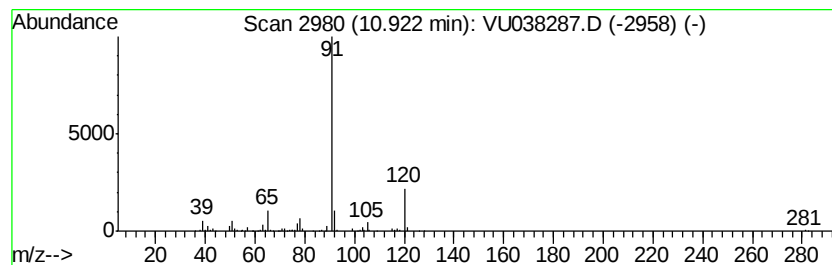
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	1.82 ug/L	411482	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, propyl-	120	C9H12	000103-65-1	90
2		Benzene, propyl-	120	C9H12	000103-65-1	87
3		Benzene, propyl-	120	C9H12	000103-65-1	80
4		N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5		1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64



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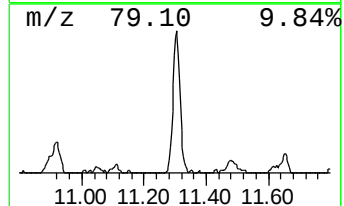
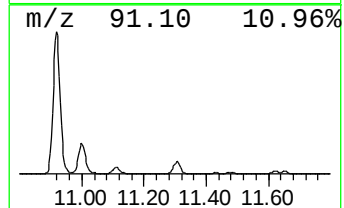
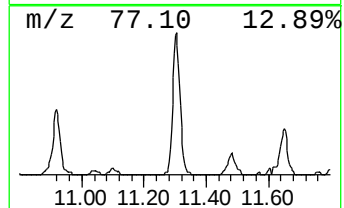
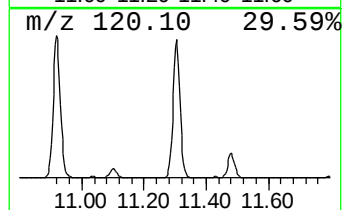
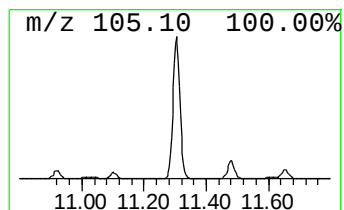
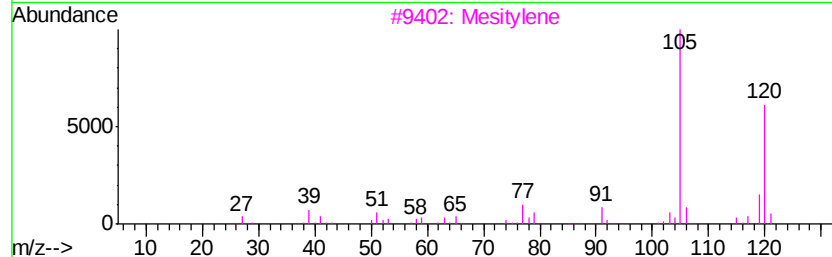
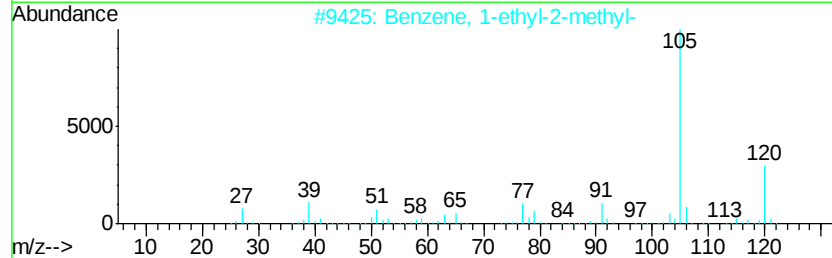
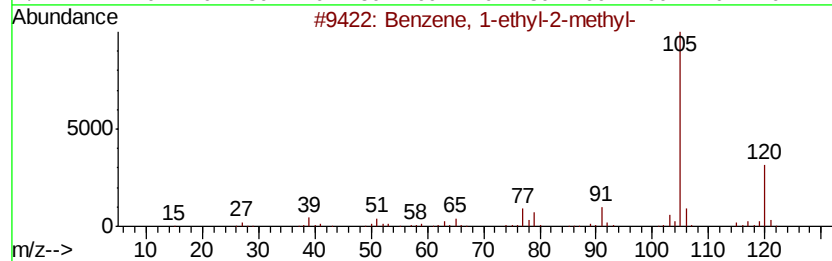
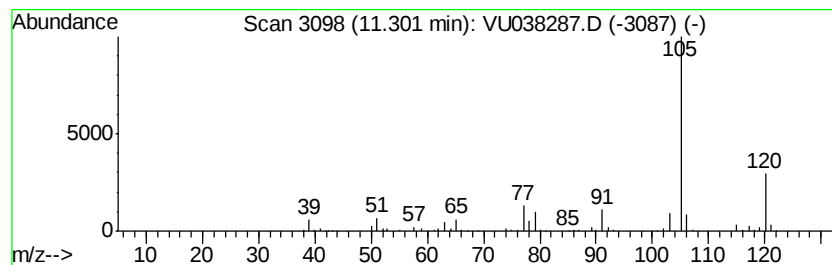
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.30	1.20 ug/L	270312	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052220\
Data File : VU038287.D
Acq On : 22 May 2020 19:02
Operator : JC/MD
Sample : L2724-13DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

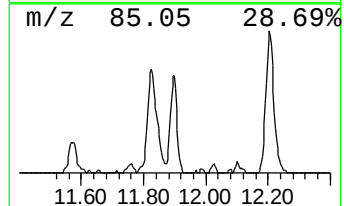
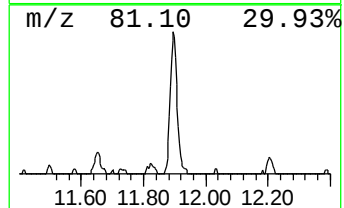
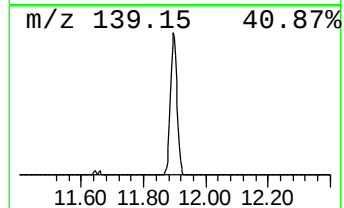
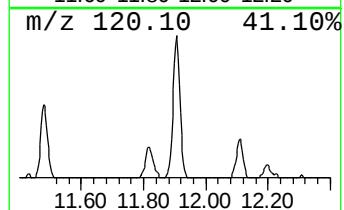
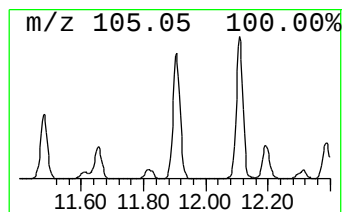
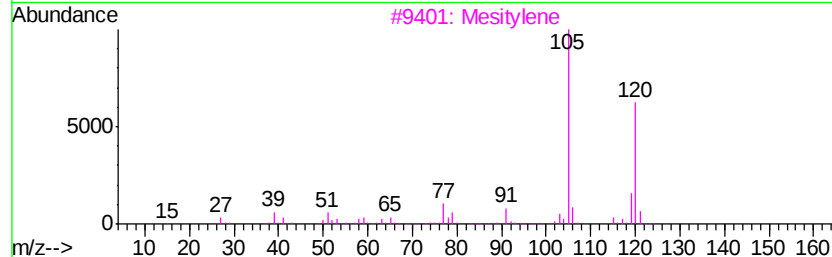
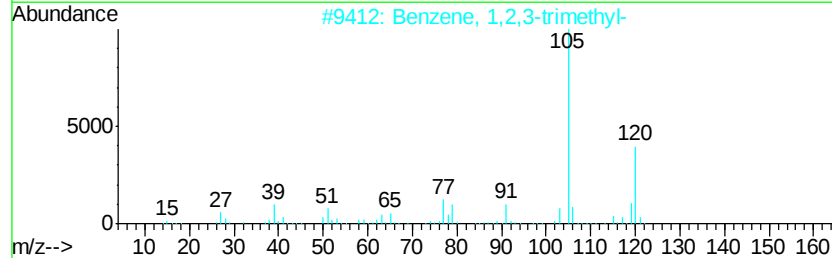
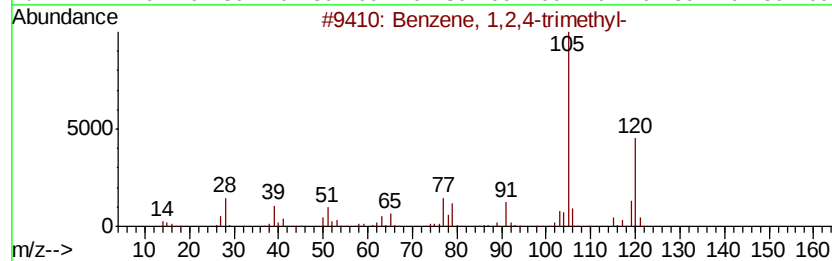
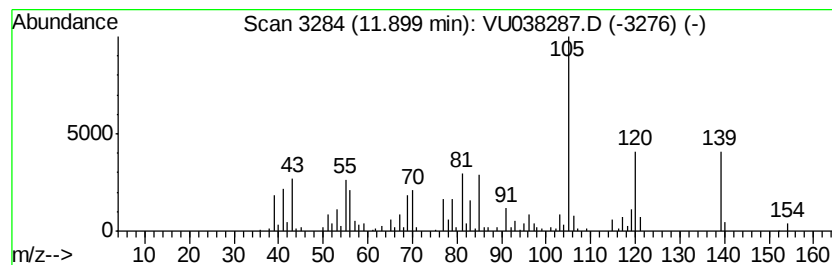
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	0.67 ug/L	150998	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42
3		Mesitylene	120	C9H12	000108-67-8	42
4		Mesitylene	120	C9H12	000108-67-8	42
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052220\
Data File : VU038287.D
Acq On : 22 May 2020 19:02
Operator : JC/MD
Sample : L2724-13DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

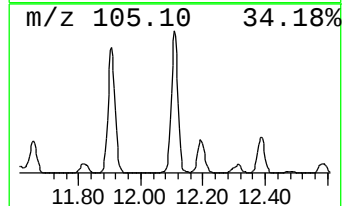
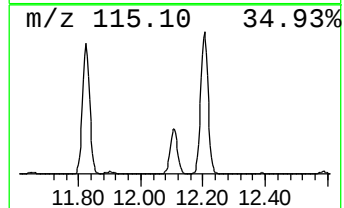
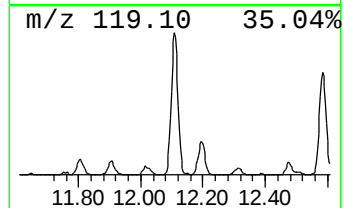
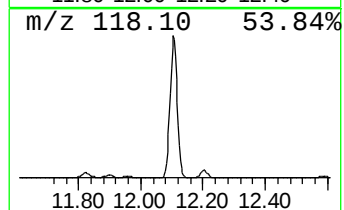
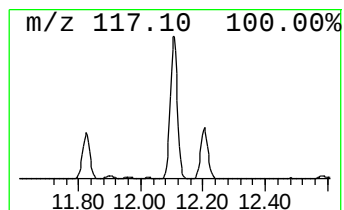
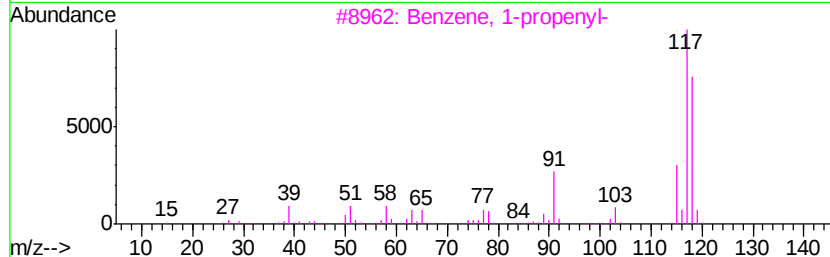
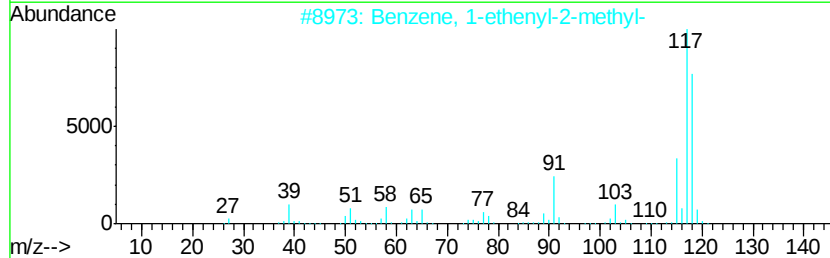
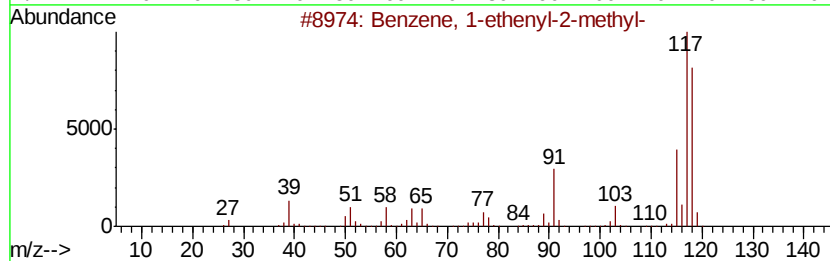
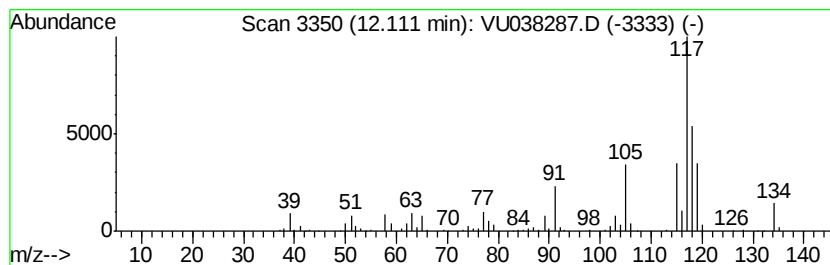
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	1.81 ug/L	409025	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	91
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052220\
Data File : VU038287.D
Acq On : 22 May 2020 19:02
Operator : JC/MD
Sample : L2724-13DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

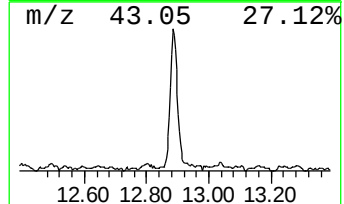
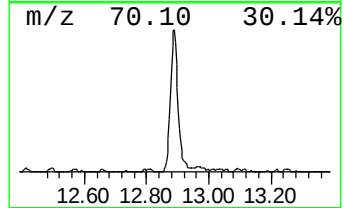
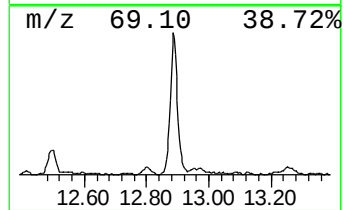
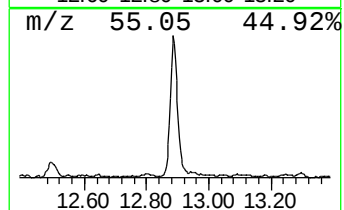
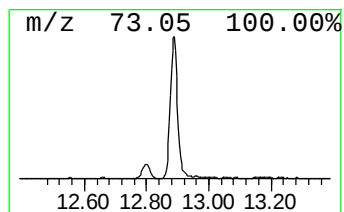
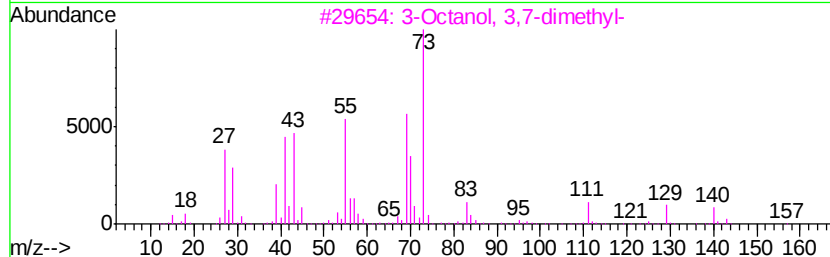
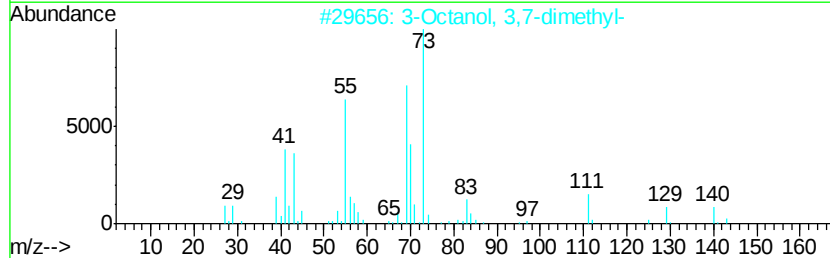
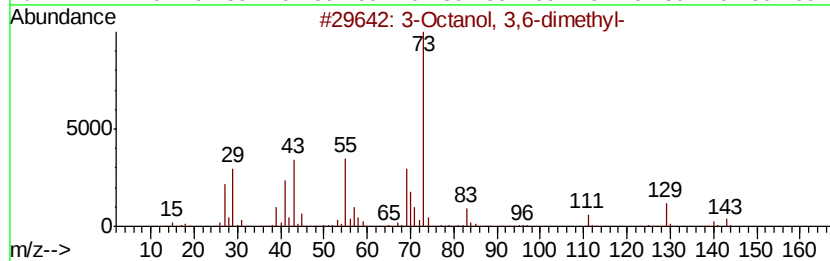
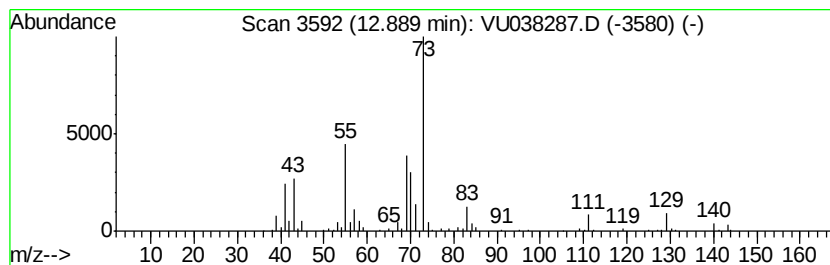
Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 3-Octanol, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	1.02 ug/L	231595	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octanol, 3,6-dimethyl-	158 C10H22O	000151-19-9	59
2	3-Octanol, 3,7-dimethyl-	158 C10H22O	000078-69-3	42
3	3-Octanol, 3,7-dimethyl-	158 C10H22O	000078-69-3	40
4	3-Octanol, 3,7-dimethyl-	158 C10H22O	000078-69-3	38
5	3-Dodecanol, 3,7,11-trimethyl-	228 C15H32O	007278-65-1	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052220\
Data File : VU038287.D
Acq On : 22 May 2020 19:02
Operator : JC/MD
Sample : L2724-13DL 25X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

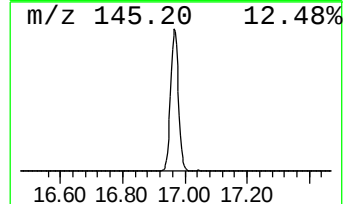
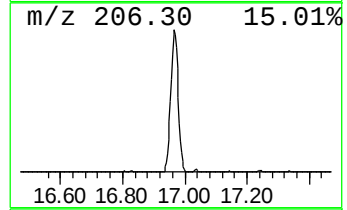
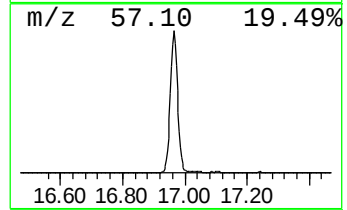
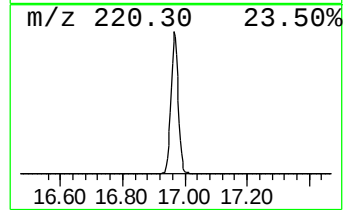
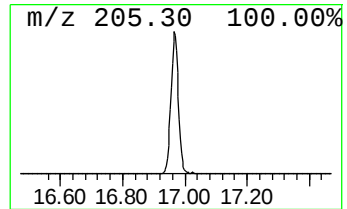
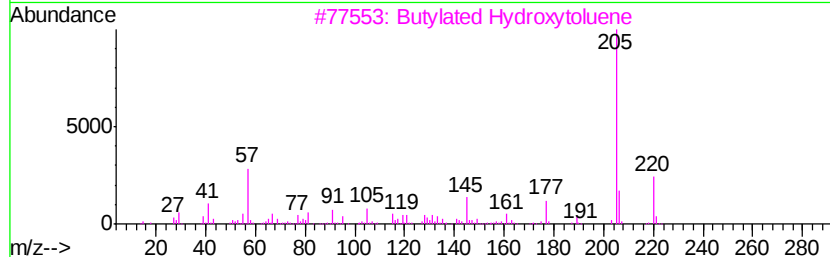
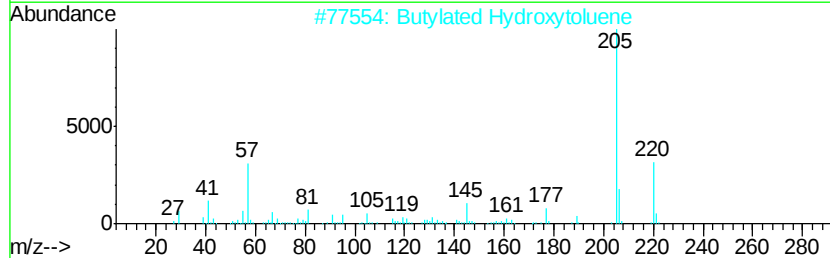
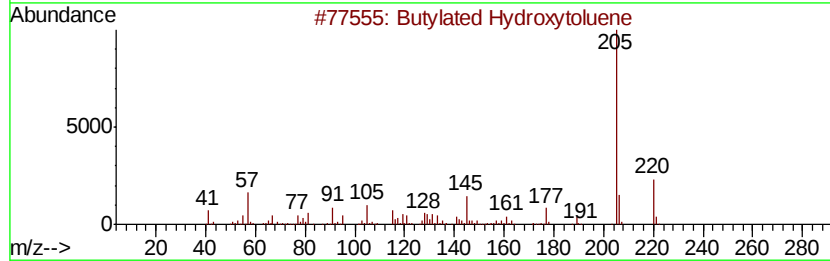
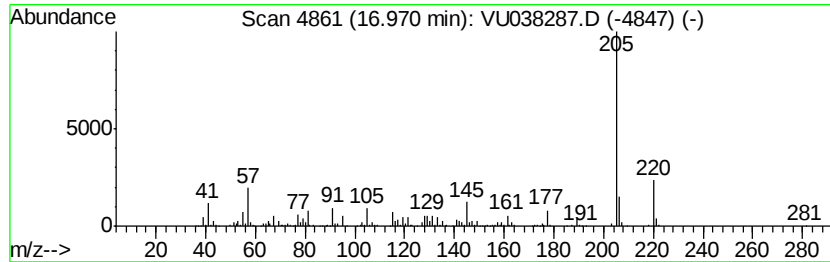
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Butylated Hydroxytoluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	2.99 ug/L	676031	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
3		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5		Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	87



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052220\
Data File : VU038287.D
Acq On : 22 May 2020 19:02
Operator : JC/MD
Sample : L2724-13DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.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
Ethyl ether	2.40	2.0	ug/L	294104	1	6.28	728995	5.0
Diisopropyl ether	4.03	16.4	ug/L	2385190	1	6.28	728995	5.0
(DEL) Alkane: Cyc...	4.57	1.0	ug/L	148511	1	6.28	728995	5.0
Benzene, propyl-	10.92	1.8	ug/L	411482	3	11.83	1130970	5.0
Benzene, 1-ethyl-...	11.30	1.2	ug/L	270312	3	11.83	1130970	5.0
unknown-01	11.90	0.7	ug/L	150998	3	11.83	1130970	5.0
Benzene, 1-etheny...	12.11	1.8	ug/L	409025	3	11.83	1130970	5.0
3-Octanol, 3,6-di...	12.89	1.0	ug/L	231595	3	11.83	1130970	5.0
Butylated Hydroxy...	16.97	3.0	ug/L	676031	3	11.83	1130970	5.0