

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038275.D
 Acq On : 21 May 2020 19:44
 Operator : JC/MD
 Sample : L2724-13DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 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	1.610	75	84	92	rBV	180477	225507	2.34%	0.597%
2	1.932	177	184	203	rVB	194959	294184	3.06%	0.779%
3	2.401	320	330	347	rVB	419496	631455	6.56%	1.673%
4	2.591	377	389	402	rBV	296507	488966	5.08%	1.295%
5	4.034	813	838	861	rBV	1648562	4234116	43.99%	11.218%
6	4.571	988	1005	1019	rBV2	121471	296130	3.08%	0.785%
7	4.665	1019	1034	1074	rVB	380179	952546	9.90%	2.524%
8	5.099	1152	1169	1199	rBV2	451184	1036183	10.76%	2.745%
9	5.420	1253	1269	1284	rBV4	42550	98673	1.03%	0.261%
10	5.761	1352	1375	1382	rBV2	619006	1617225	16.80%	4.285%
11	5.809	1382	1390	1403	rVB	711610	1386437	14.40%	3.673%
12	6.282	1521	1537	1561	rBV	590045	1136448	11.81%	3.011%
13	6.719	1656	1673	1687	rBV	399069	785420	8.16%	2.081%
14	6.931	1728	1739	1752	rVB2	57137	101940	1.06%	0.270%
15	7.591	1932	1944	1959	rBV2	192668	336134	3.49%	0.891%
16	7.922	2023	2047	2060	rBV	739982	1350893	14.03%	3.579%
17	7.993	2060	2069	2082	rVB	138536	254074	2.64%	0.673%
18	8.201	2121	2134	2147	rBV	128387	215031	2.23%	0.570%
19	8.655	2262	2275	2288	rBV	1249471	2193120	22.78%	5.810%
20	9.465	2503	2527	2555	rBV2	4878599	9625590	100.00%	25.502%
21	9.587	2555	2565	2589	rVB	332555	605312	6.29%	1.604%
22	9.709	2589	2603	2615	rBV	120873	207046	2.15%	0.549%
23	10.118	2715	2730	2751	rBV2	199994	368031	3.82%	0.975%
24	10.500	2835	2849	2860	rBV	325708	540900	5.62%	1.433%
25	10.671	2895	2902	2913	rVB3	60041	105500	1.10%	0.280%
26	10.771	2913	2933	2944	rBV	335397	624680	6.49%	1.655%
27	10.918	2961	2979	2995	rBV	379056	769997	8.00%	2.040%
28	10.999	2995	3004	3011	rVV	103190	169573	1.76%	0.449%
29	11.044	3011	3018	3029	rVV2	103031	171180	1.78%	0.454%
30	11.304	3087	3099	3121	rVB	309684	518785	5.39%	1.374%
31	11.648	3201	3206	3225	rVB4	104993	167649	1.74%	0.444%
32	11.825	3247	3261	3276	rBV2	927492	1824113	18.95%	4.833%
33	11.899	3276	3284	3297	rVB3	165290	275234	2.86%	0.729%
34	12.108	3332	3349	3365	rVB2	481642	774482	8.05%	2.052%

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Title : TRACE VOA SOM01.0

35	12.205	3365	3379	3400	rVB	855292	1520919	15.80%	4.029%
36	12.886	3580	3591	3609	rBV	269376	447139	4.65%	1.185%
37	14.114	3961	3973	3987	rBV	81020	138646	1.44%	0.367%
38	16.966	4847	4860	4874	rBV	765654	1255752	13.05%	3.327%

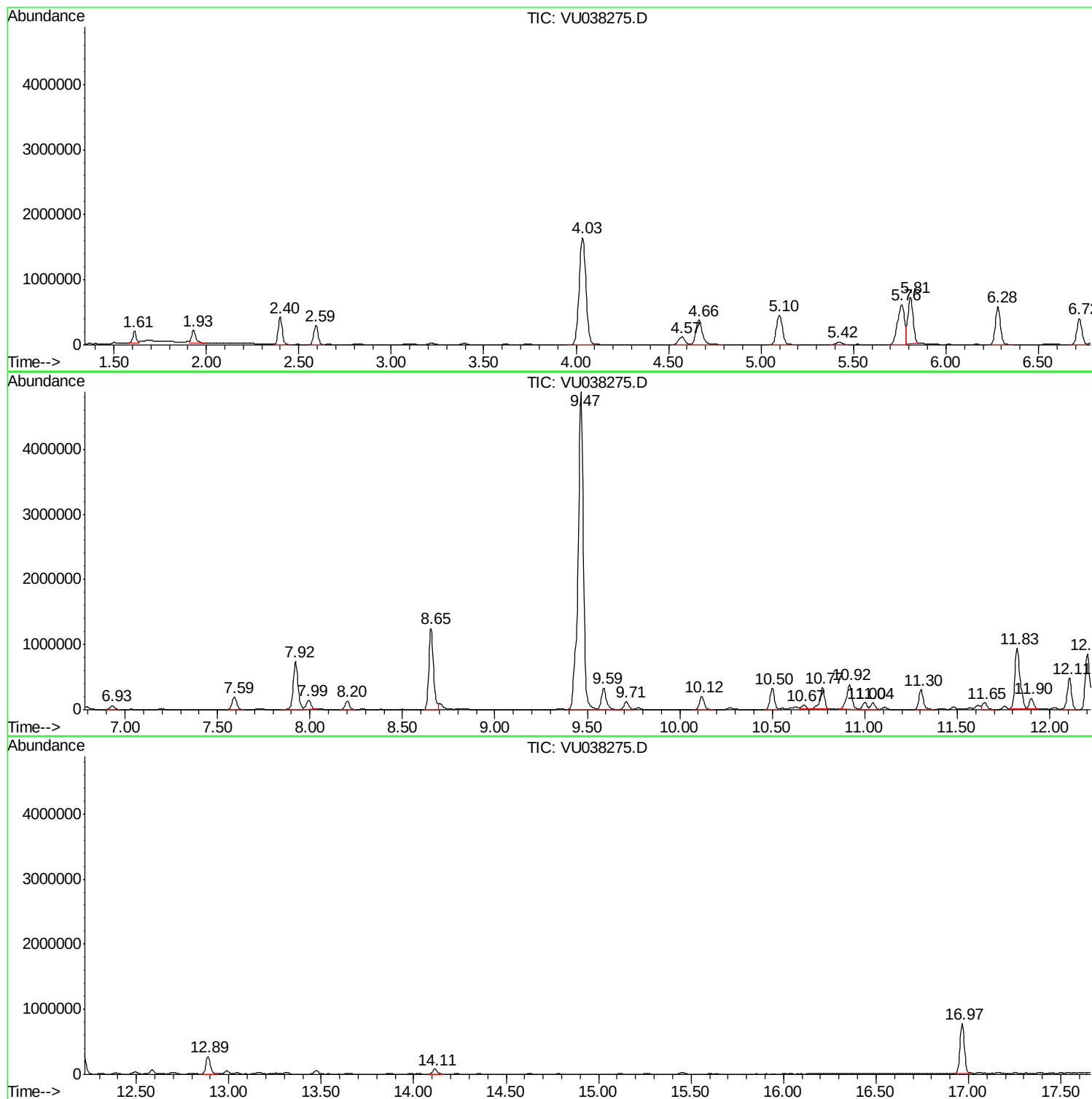
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Quant Title : TRACE VOA SOM01.0

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



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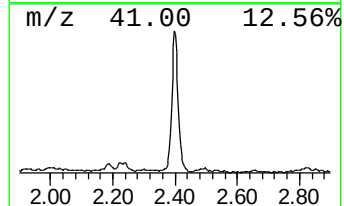
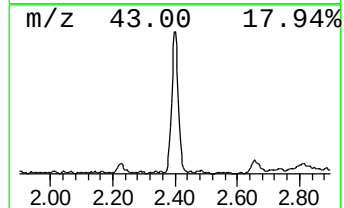
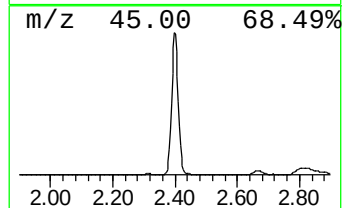
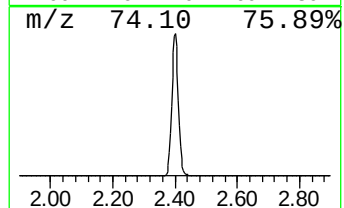
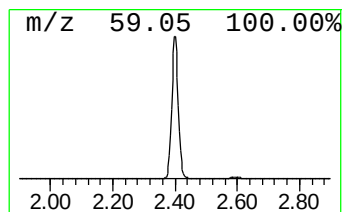
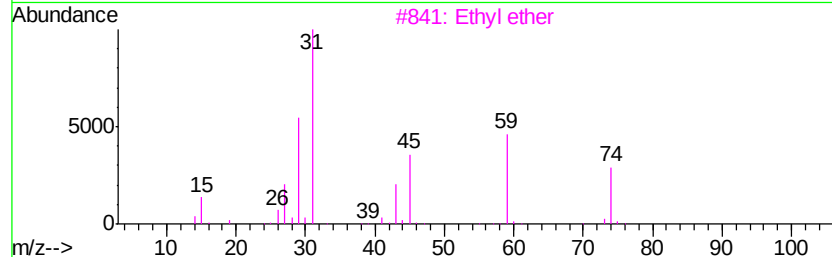
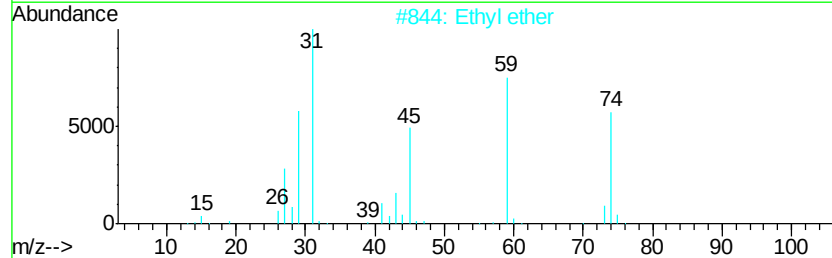
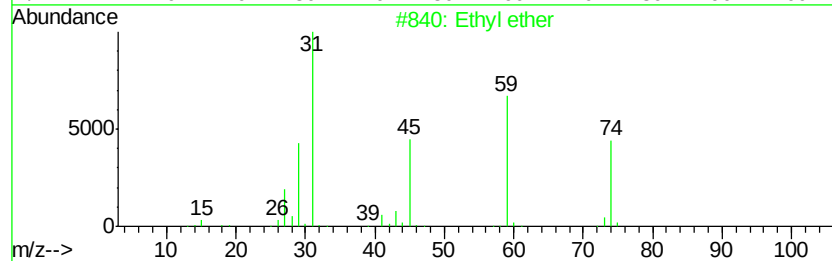
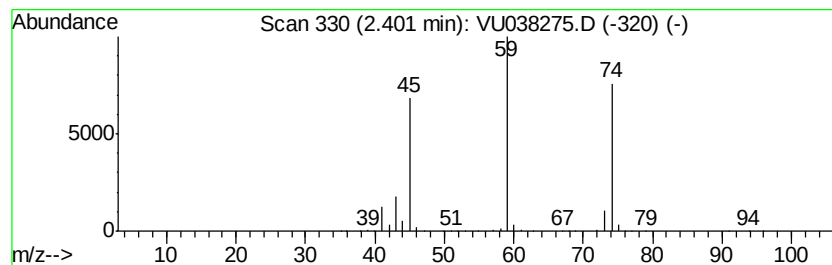
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.40	2.78 ug/L	631455	1,4-Difluorobenzene	6.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl ether	74	C4H10O	000060-29-7	91
2		Ethyl ether	74	C4H10O	000060-29-7	90
3		Ethyl ether	74	C4H10O	000060-29-7	83
4		Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72
5		Ethyl ether	74	C4H10O	000060-29-7	72



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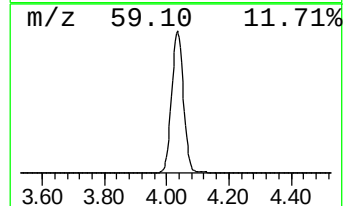
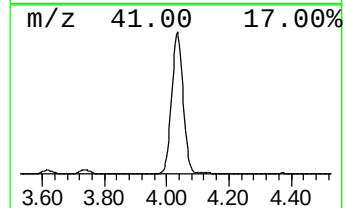
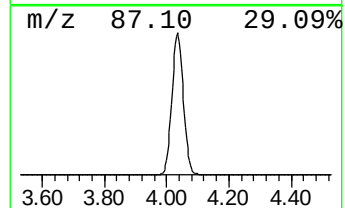
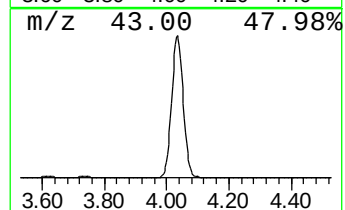
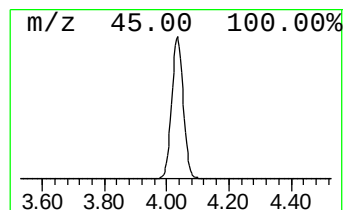
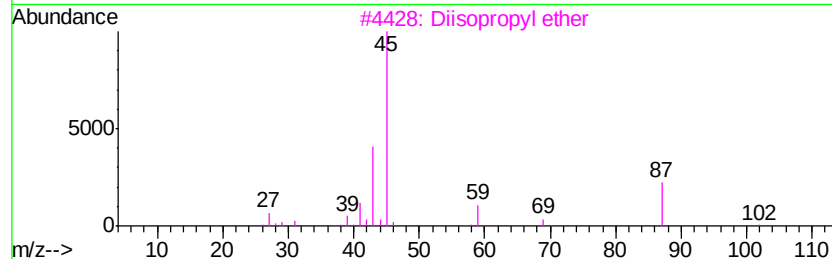
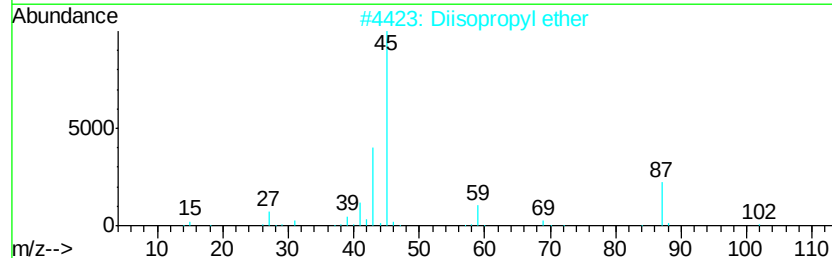
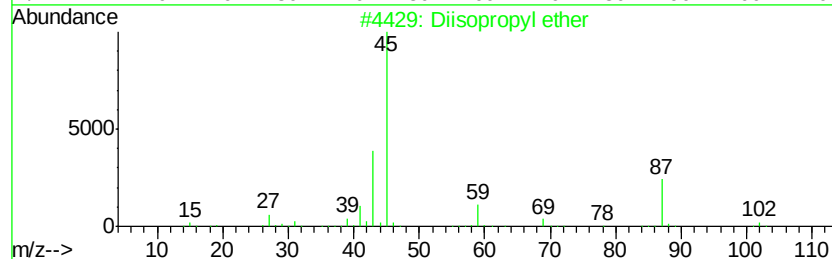
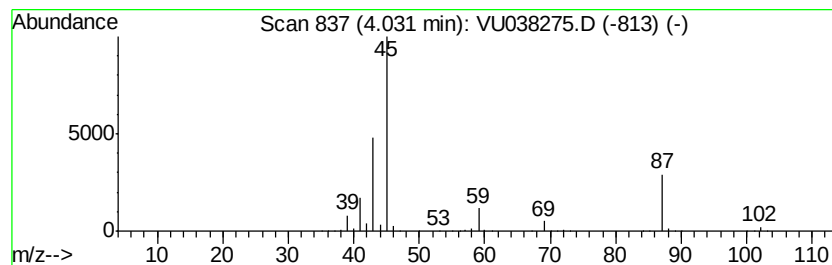
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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	18.63 ug/L	4234120	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	83
5		Ether, 2-chloro-1-methylethyl is...	136	C6H13ClO	098277-76-0	64



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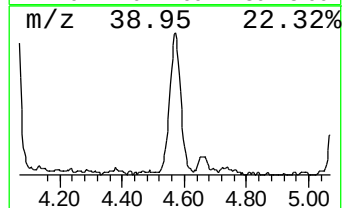
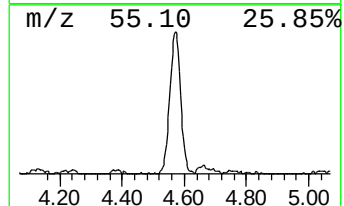
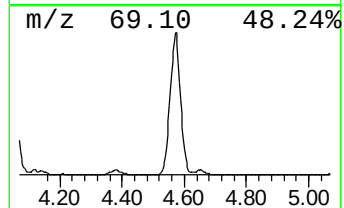
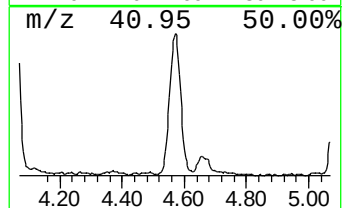
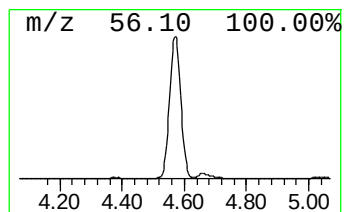
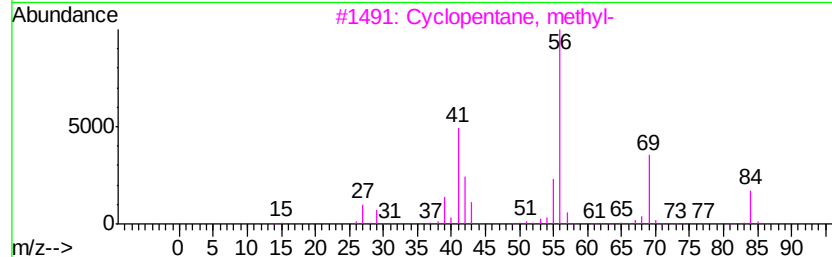
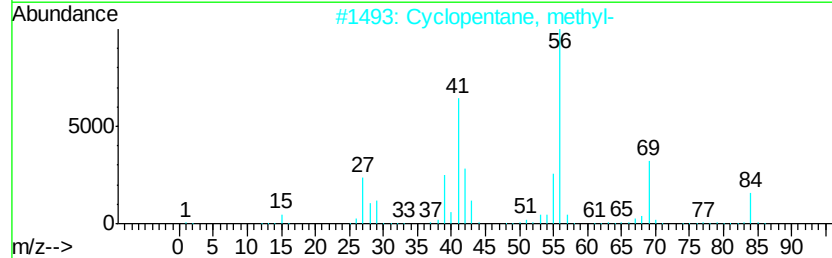
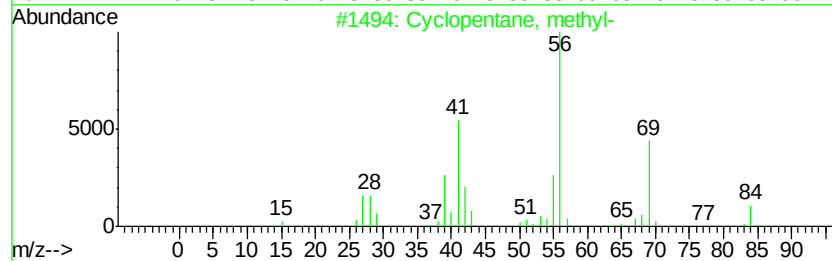
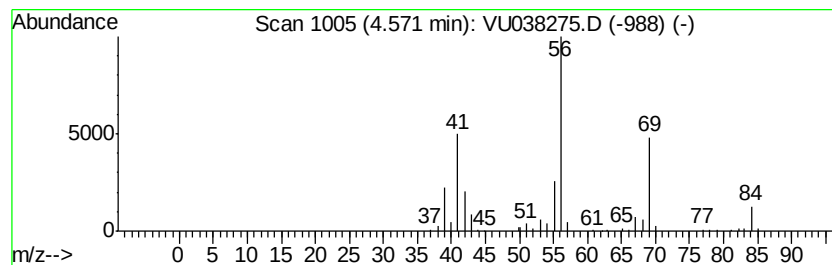
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic4.57 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	1.30 ug/L	296130	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	87
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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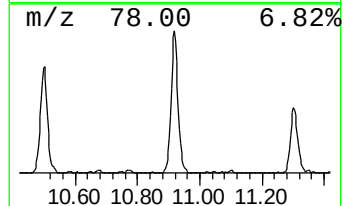
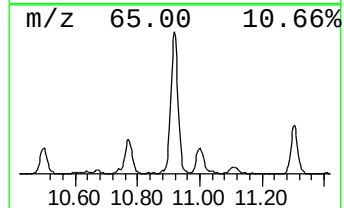
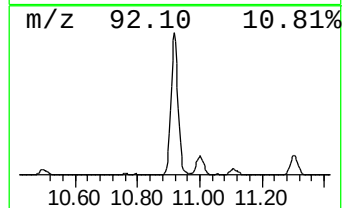
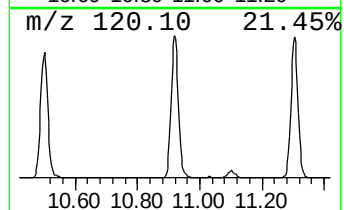
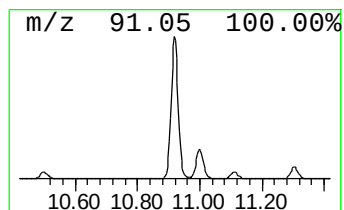
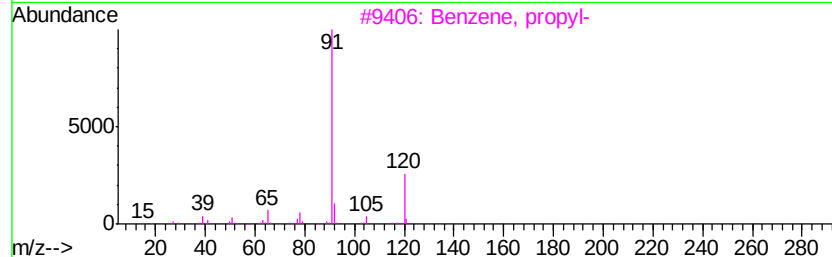
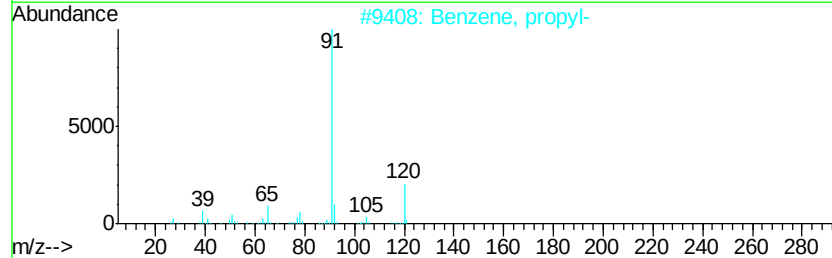
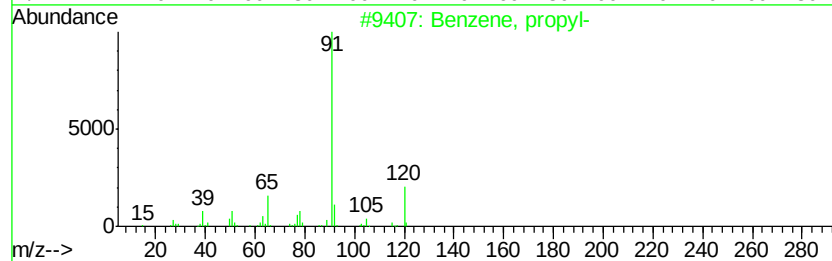
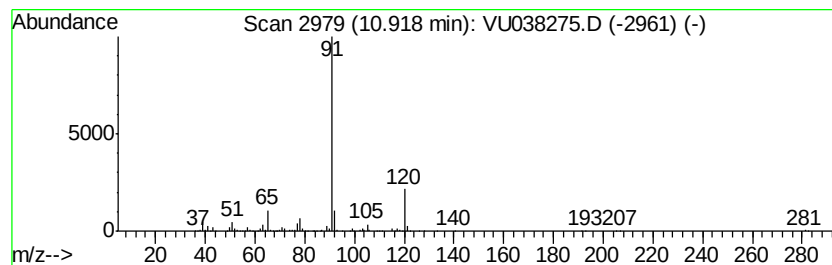
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Peak Number 5 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.92	2.11 ug/L	769997	1,4-Dichlorobenzene-d4	11.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	87
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	1-Benzylamino-2-benzylloxyethane	241	C16H19NO	038336-06-0	64



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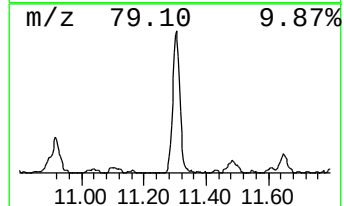
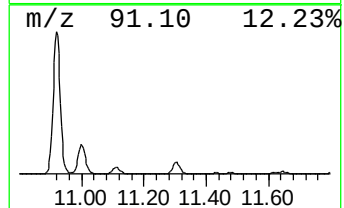
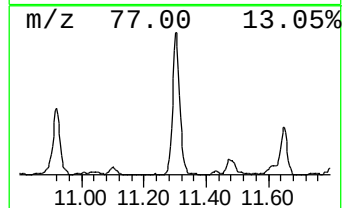
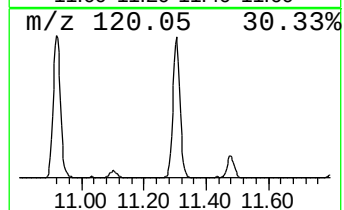
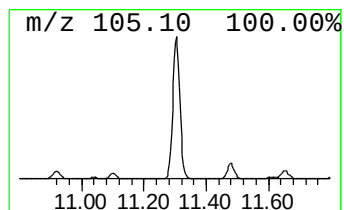
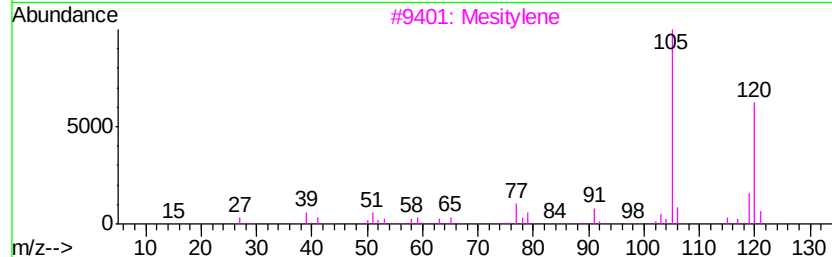
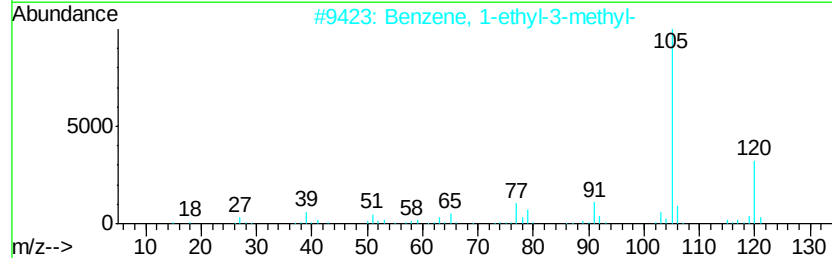
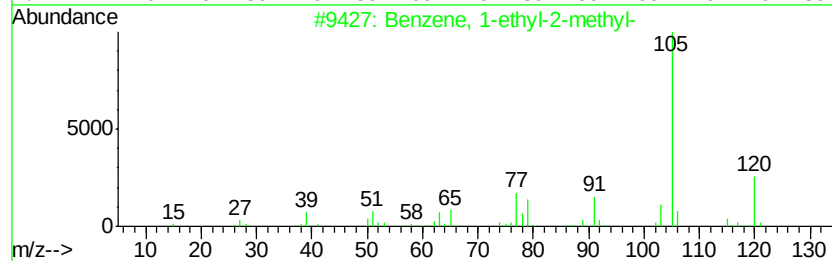
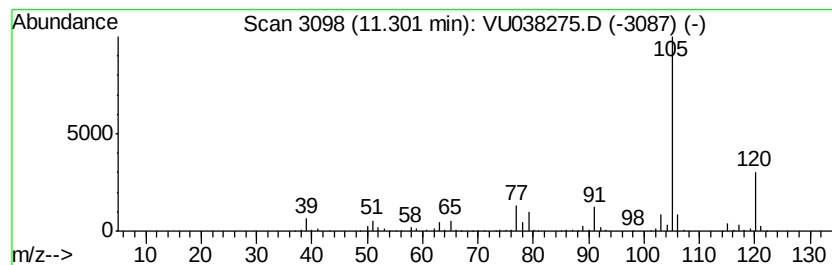
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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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	1.42 ug/L	518785	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038275.D
Acq On : 21 May 2020 19:44
Operator : JC/MD
Sample : L2724-13DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

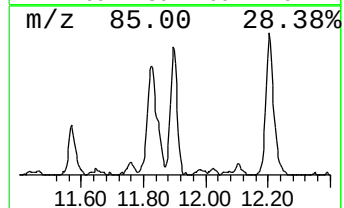
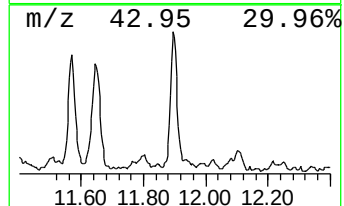
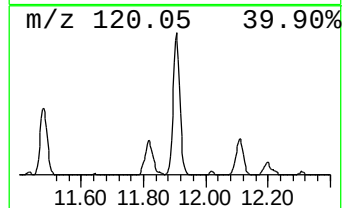
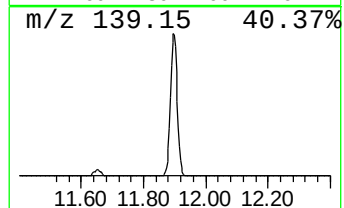
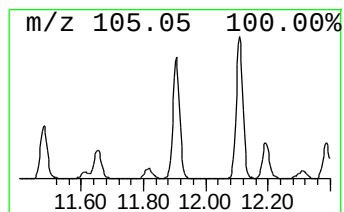
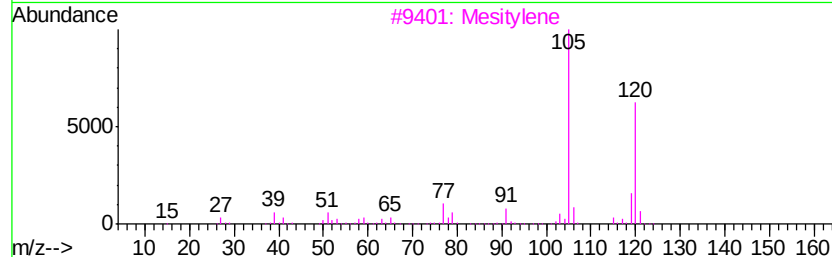
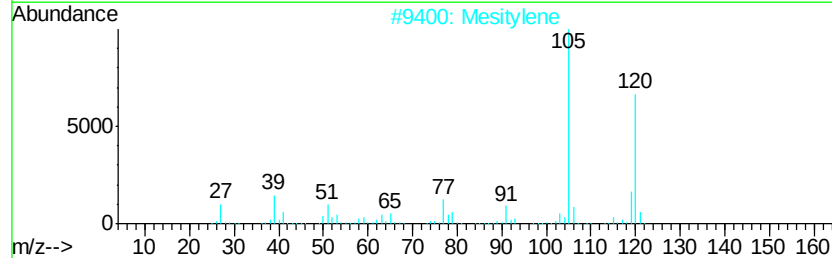
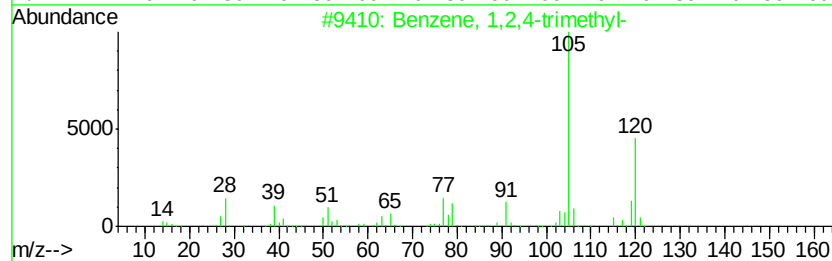
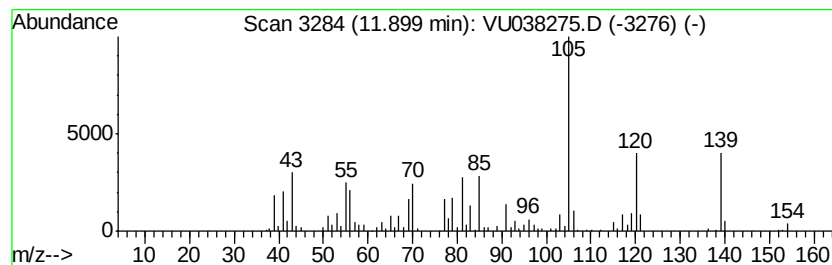
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Quant Title : TRACE VOA SOM01.0

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	0.75 ug/L	275234	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	42
2			Mesitylene	120	C9H12	000108-67-8	42
3			Mesitylene	120	C9H12	000108-67-8	42
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
 Data File : VU038275.D
 Acq On : 21 May 2020 19:44
 Operator : JC/MD
 Sample : L2724-13DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

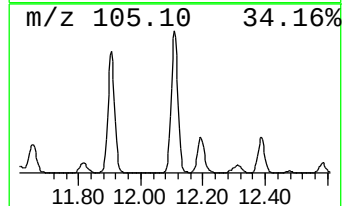
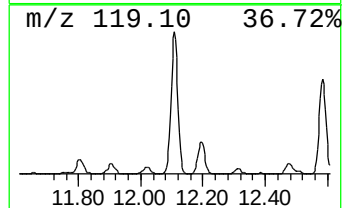
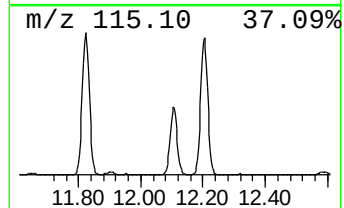
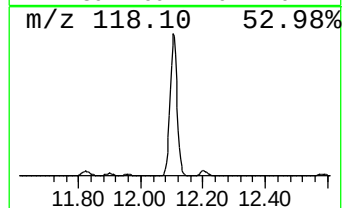
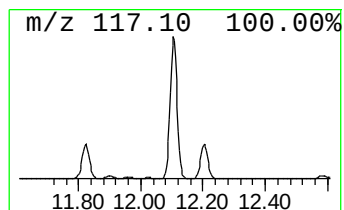
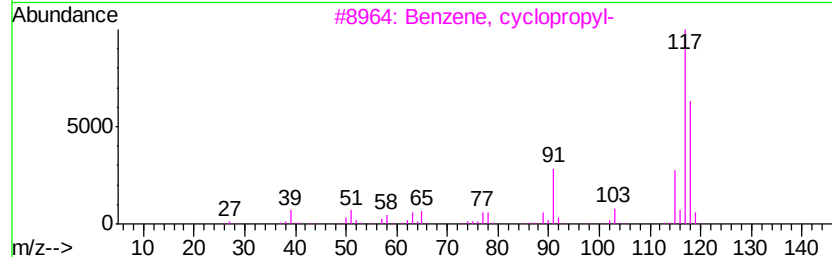
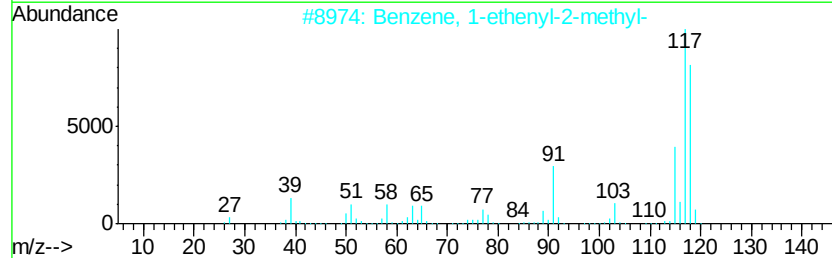
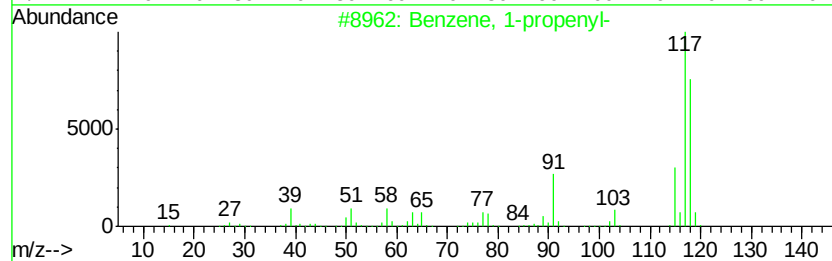
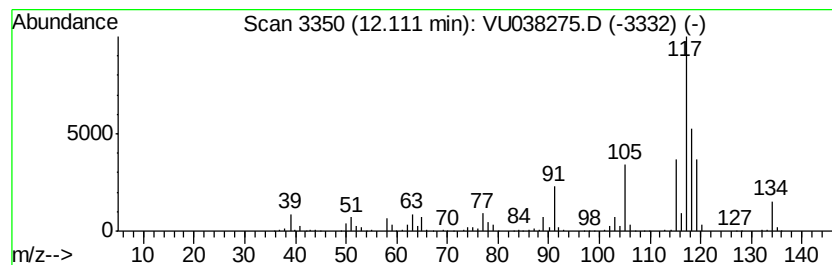
Instrument :
 MSVOA_U
 ClientSampleId :
 BE4T9DL

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 8 Benzene, 1-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.11	2.12 ug/L	774482	1,4-Dichlorobenzene-d4			11.83
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-		118	C9H10	000637-50-3	92
2	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	86
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64
4	Indane		118	C9H10	000496-11-7	64
5	Benzene, 2-propenyl-		118	C9H10	000300-57-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038275.D
Acq On : 21 May 2020 19:44
Operator : JC/MD
Sample : L2724-13DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

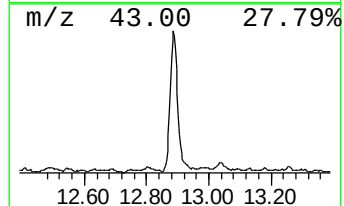
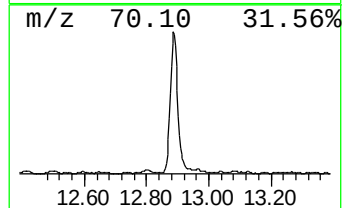
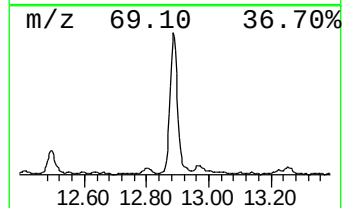
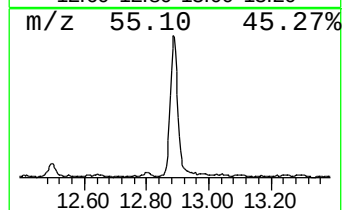
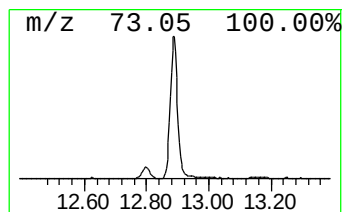
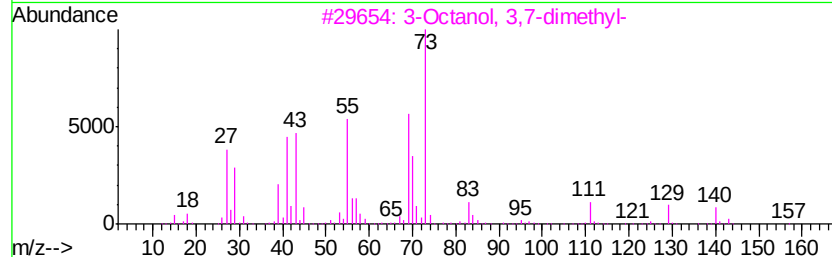
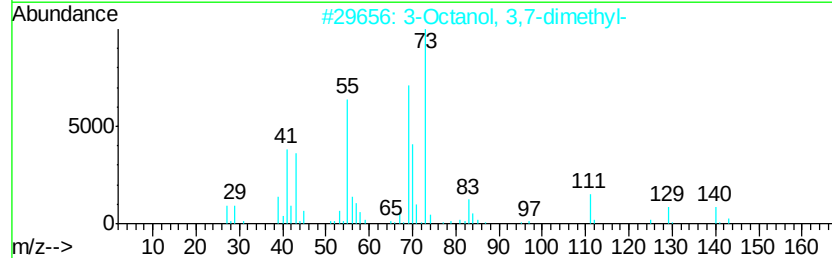
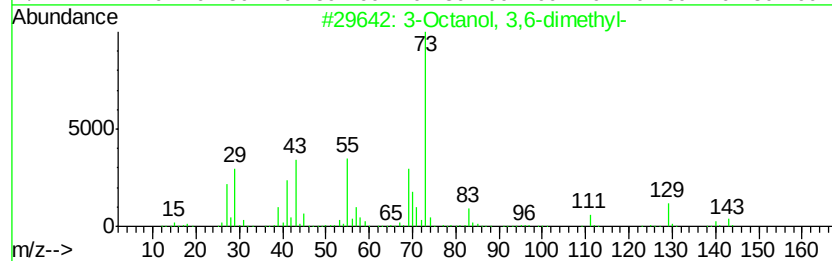
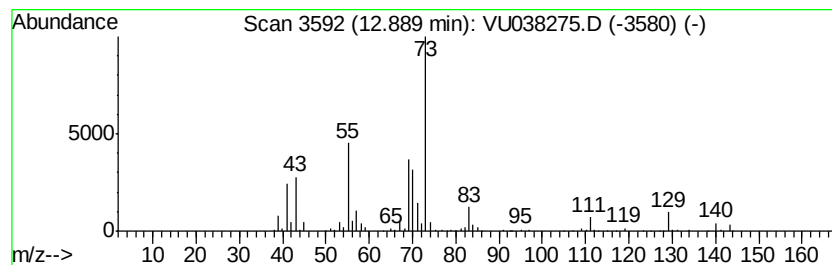
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	1.23 ug/L	447139	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	64
2	3-Octanol, 3,7-dimethyl-		158	C10H22O	000078-69-3	56
3	3-Octanol, 3,7-dimethyl-		158	C10H22O	000078-69-3	47
4	3-Octanol, 3,7-dimethyl-		158	C10H22O	000078-69-3	35
5	2,5-Dimethyl-4-hydroxy-3-hexanone		144	C8H16O2	000815-77-0	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052120\
Data File : VU038275.D
Acq On : 21 May 2020 19:44
Operator : JC/MD
Sample : L2724-13DL 20X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE4T9DL

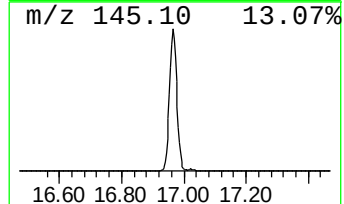
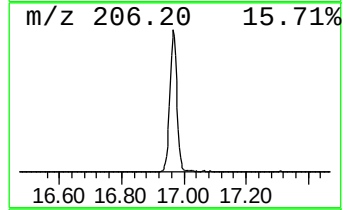
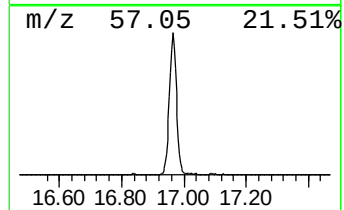
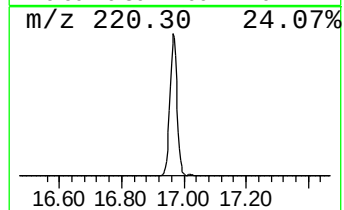
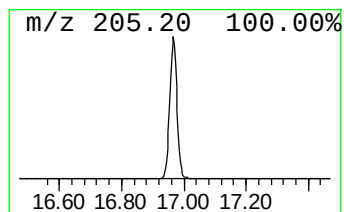
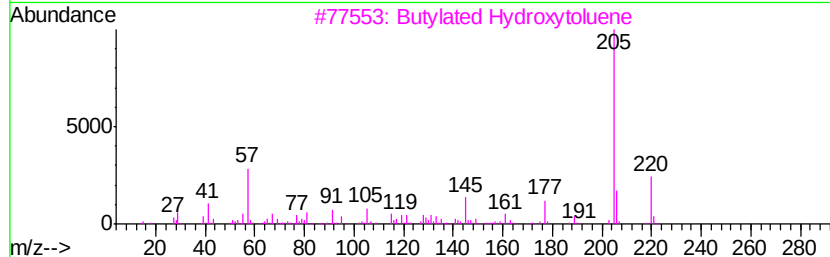
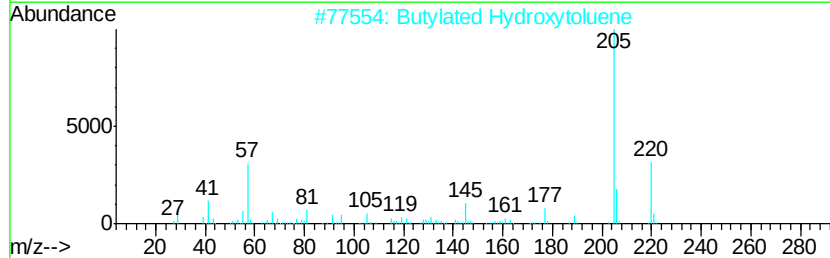
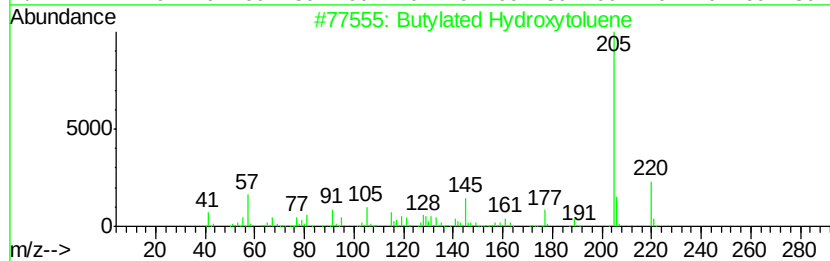
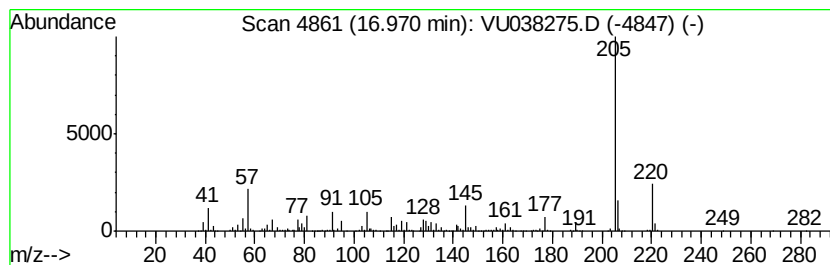
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0

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	3.44 ug/L	1255750	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\VU052120\
Data File : VU038275.D
Acq On : 21 May 2020 19:44
Operator : JC/MD
Sample : L2724-13DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 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	2.8	ug/L	631455	1	6.28	1136450	5.0
Diisopropyl ether	4.03	18.6	ug/L	4234120	1	6.28	1136450	5.0
(DEL) Alkane: Cyc...	4.57	1.3	ug/L	296130	1	6.28	1136450	5.0
Benzene, propyl-	10.92	2.1	ug/L	769997	3	11.83	1824110	5.0
Benzene, 1-ethyl-...	11.30	1.4	ug/L	518785	3	11.83	1824110	5.0
unknown-01	11.90	0.8	ug/L	275234	3	11.83	1824110	5.0
Benzene, 1-propenyl-	12.11	2.1	ug/L	774482	3	11.83	1824110	5.0
3-Octanol, 3,6-di...	12.89	1.2	ug/L	447139	3	11.83	1824110	5.0
Butylated Hydroxy...	16.97	3.4	ug/L	1255750	3	11.83	1824110	5.0