

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072319\
 Data File : VV011994.D
 Acq On : 24 Jul 2019 04:32
 Operator : SY/MD
 Sample : K3960-02
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A7

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_V\METHOD\SOMVTR072219WMA.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	2.132	313	324	337	rBV	108275	151328	1.42%	0.703%
2	3.962	878	893	930	rBV	54609	184253	1.73%	0.856%
3	4.402	1013	1030	1053	rBV	93522	229060	2.16%	1.065%
4	5.097	1228	1246	1274	rBV3	217762	523000	4.92%	2.431%
5	5.666	1409	1423	1443	rBV	179793	352695	3.32%	1.639%
6	6.119	1549	1564	1592	rBV2	118343	250185	2.35%	1.163%
7	7.306	1914	1933	1940	rBV3	64191	177550	1.67%	0.825%
8	7.360	1940	1950	1962	rVV	278292	486551	4.58%	2.261%
9	7.431	1962	1972	1984	rVV	103356	171518	1.61%	0.797%
10	8.135	2172	2191	2216	rBV	271486	514419	4.84%	2.391%
11	8.637	2328	2347	2358	rBV3	50597	117259	1.10%	0.545%
12	8.894	2417	2427	2442	rBV	270561	442810	4.17%	2.058%
13	9.055	2463	2477	2488	rBV	1599283	2500812	23.53%	11.622%
14	9.180	2500	2516	2530	rBV	6468374	10628939	100.00%	49.396%
15	9.244	2530	2536	2562	rVB2	110939	203802	1.92%	0.947%
16	9.585	2630	2642	2665	rVB	1807403	2818792	26.52%	13.100%
17	10.261	2841	2852	2872	rVB	89772	154539	1.45%	0.718%
18	10.492	2913	2924	2940	rBV	144085	309940	2.92%	1.440%
19	10.958	3058	3069	3087	rVB	209472	322611	3.04%	1.499%
20	11.293	3162	3173	3192	rVB	298930	468637	4.41%	2.178%
21	11.669	3280	3290	3308	rVB	295290	509295	4.79%	2.367%

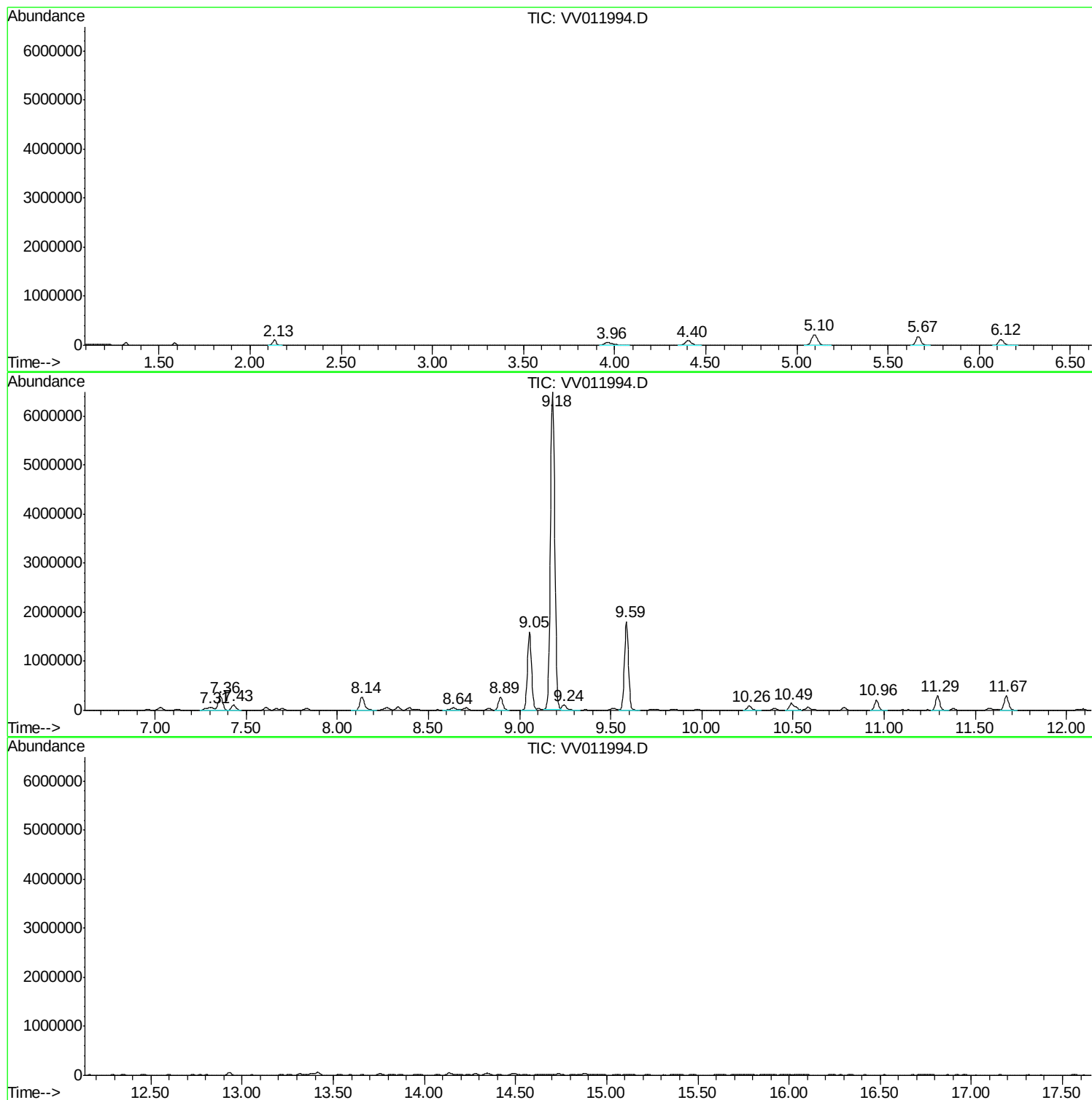
Sum of corrected areas: 21517995

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0

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



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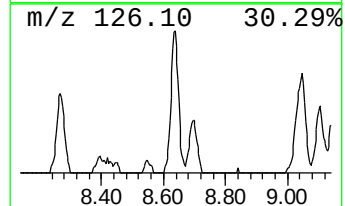
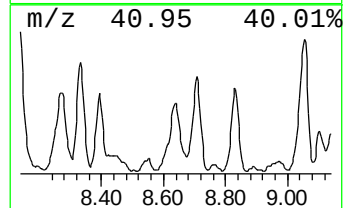
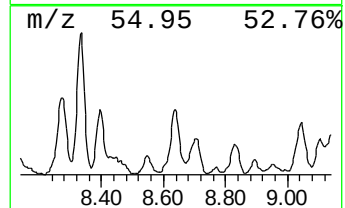
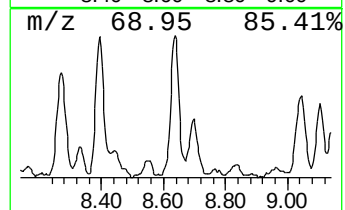
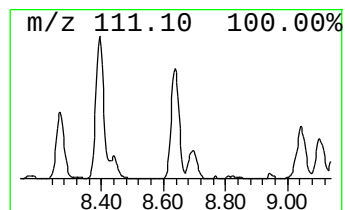
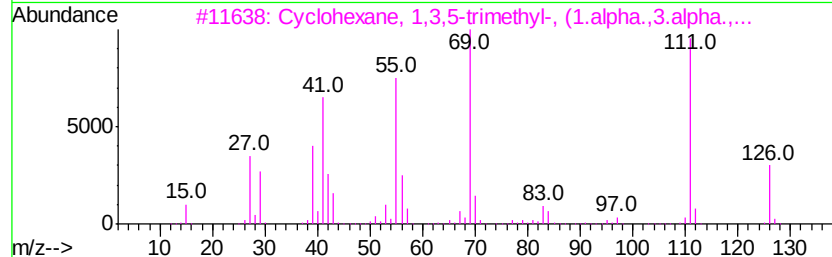
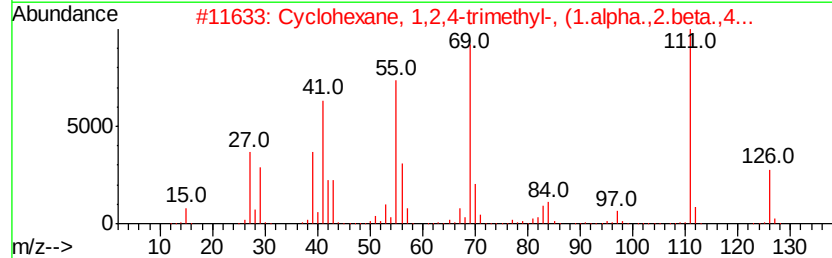
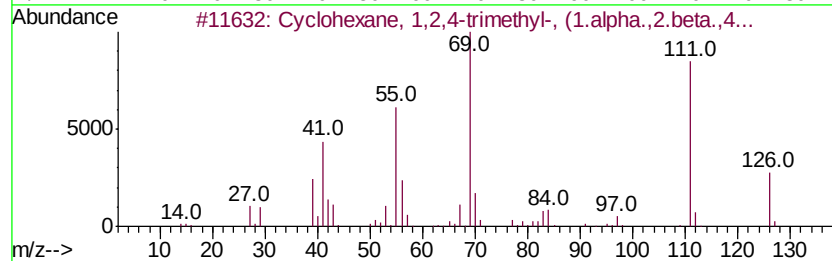
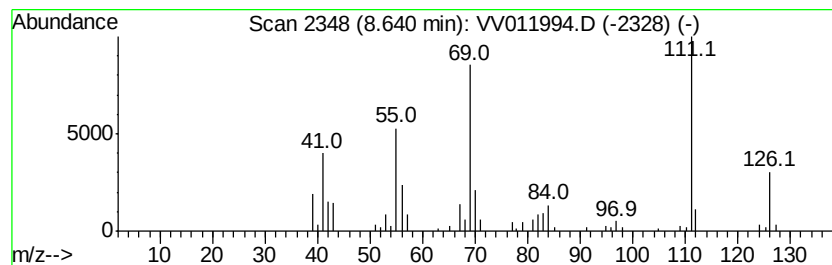
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic8.64 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.64	1.32 ug/L	117259	Chlorobenzene-d5	8.89		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	95	
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91	
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90	
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	83	
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	76	



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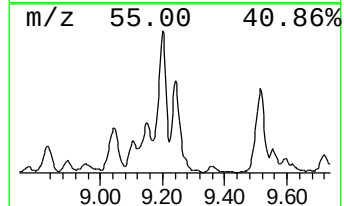
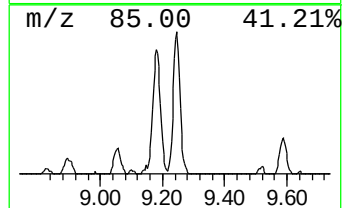
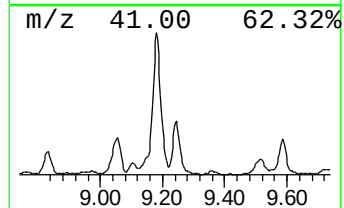
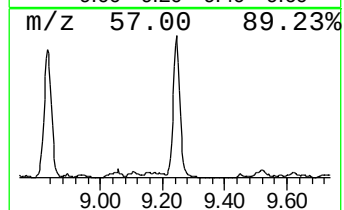
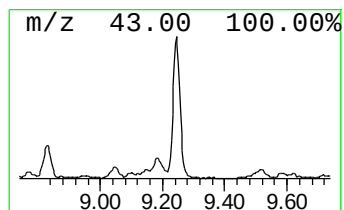
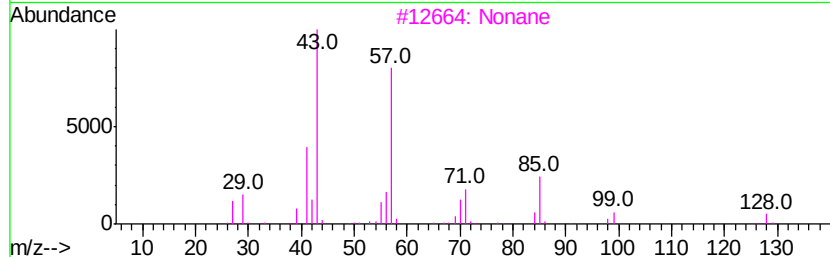
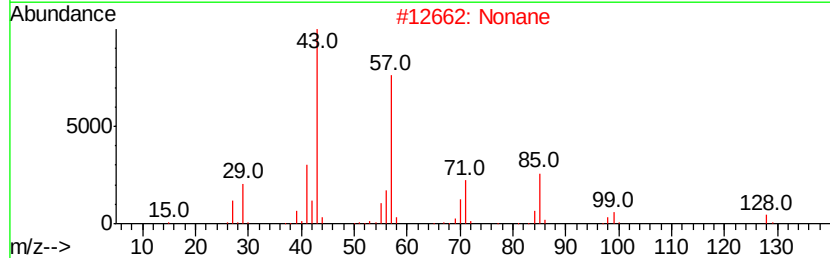
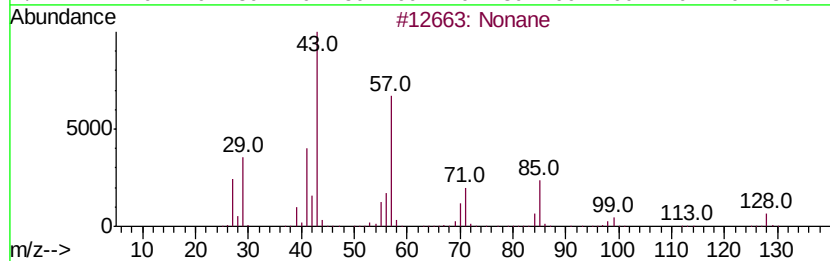
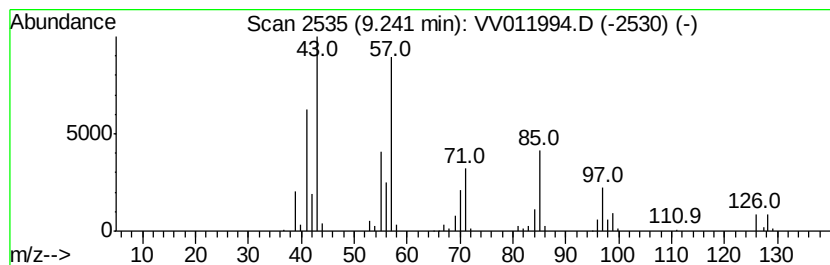
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	2.30 ug/L	203802	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane	128	C9H20	000111-84-2	94
2		Nonane	128	C9H20	000111-84-2	91
3		Nonane	128	C9H20	000111-84-2	81
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
5		Undecane	156	C11H24	001120-21-4	50



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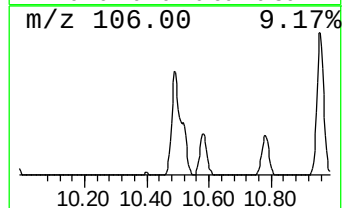
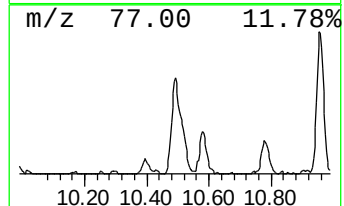
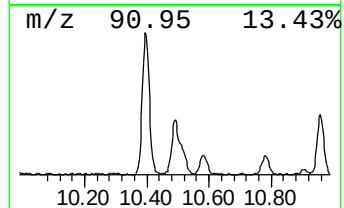
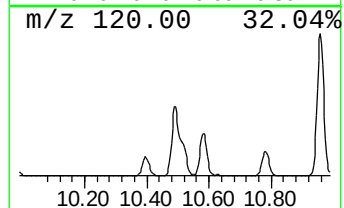
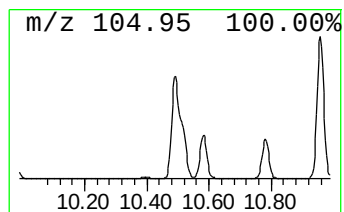
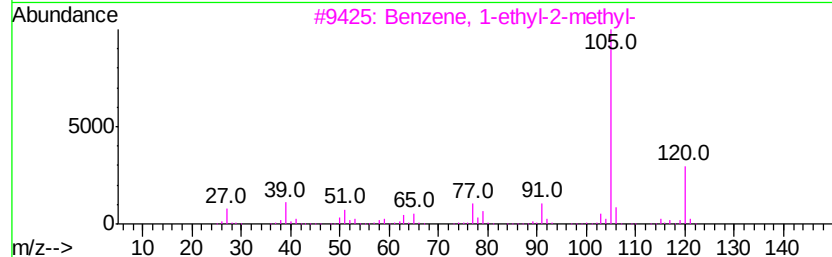
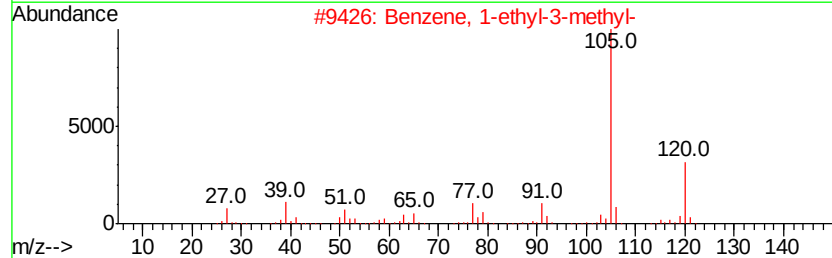
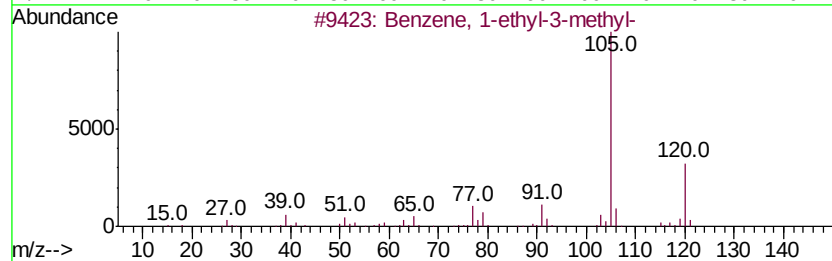
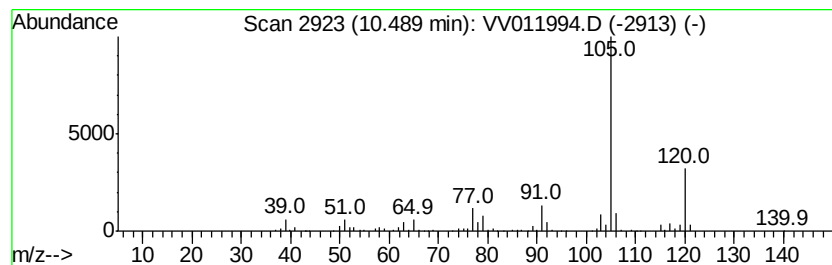
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Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.49	3.31 ug/L	309940	1,4-Dichlorobenzene-d4	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Mesitylene	120	C9H12	000108-67-8	91



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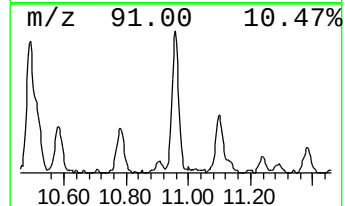
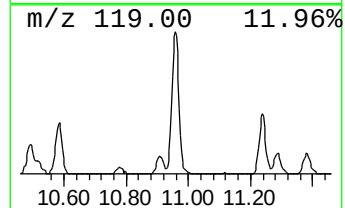
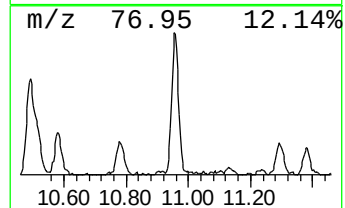
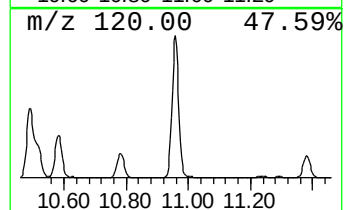
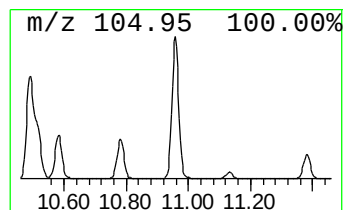
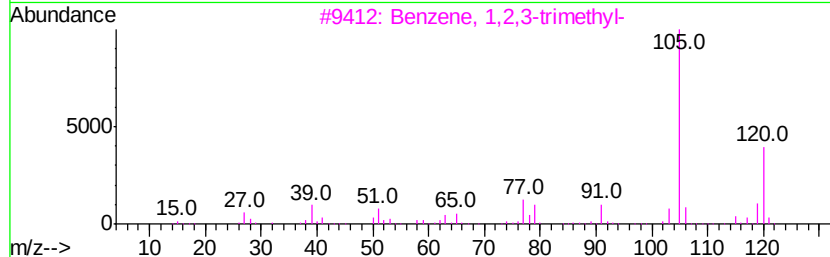
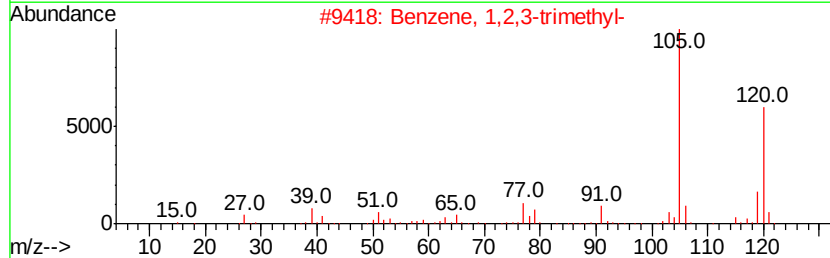
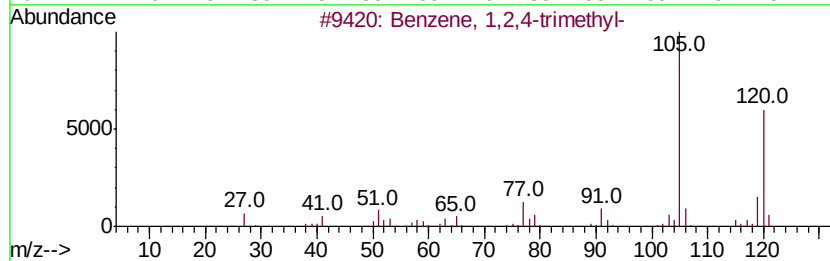
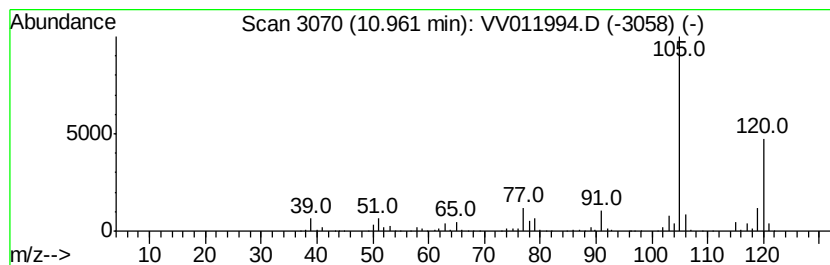
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	3.44 ug/L	322611	1,4-Dichlorobenzene-d4	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	8.64	1.3	ug/L	117259	2	8.89	442810	5.0
(DEL) Alkane: Str...	9.24	2.3	ug/L	203802	2	8.89	442810	5.0
Benzene, 1-ethyl-...	10.49	3.3	ug/L	309940	3	11.29	468637	5.0
Benzene, 1,2,4-tr...	10.96	3.4	ug/L	322611	3	11.29	468637	5.0