

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012820\
 Data File : VN059897.D
 Acq On : 28 Jan 2020 17:19
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 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_N\METHODS\82N011320W.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.564	1783	1801	1812	rBV	126692	312005	8.25%	0.701%
2	7.641	1812	1825	1846	rVB	246868	587753	15.55%	1.321%
3	8.001	1920	1937	1960	rBV	128255	298659	7.90%	0.671%
4	8.268	1986	2020	2035	rBV3	178153	813814	21.52%	1.829%
5	8.378	2043	2054	2082	rVB2	189523	734018	19.41%	1.650%
6	8.564	2099	2112	2129	rVB	343104	724697	19.17%	1.629%
7	8.973	2201	2239	2289	rBV3	414429	2084733	55.14%	4.686%
8	9.429	2348	2381	2427	rBV3	476226	2553058	67.53%	5.739%
9	10.075	2568	2582	2598	rBV	530515	989456	26.17%	2.224%
10	10.288	2629	2648	2660	rBV	466892	1207103	31.93%	2.713%
11	10.362	2661	2671	2701	rVB	445243	1214128	32.11%	2.729%
12	10.628	2737	2754	2779	rBV2	145312	389317	10.30%	0.875%
13	11.043	2861	2883	2907	rBV2	702016	2063569	54.58%	4.638%
14	11.239	2930	2944	2950	rBV2	194814	411916	10.89%	0.926%
15	11.288	2950	2959	2979	rVB2	341005	804690	21.28%	1.809%
16	11.403	2980	2995	3021	rBV2	788480	1788551	47.30%	4.020%
17	11.657	3057	3074	3079	rBV3	522958	1116138	29.52%	2.509%
18	11.699	3081	3087	3096	rVV	796139	1644160	43.49%	3.696%
19	11.751	3097	3103	3123	rVB	563421	1159988	30.68%	2.607%
20	11.943	3150	3163	3168	rBV	563921	1063704	28.13%	2.391%
21	11.982	3170	3175	3191	rVB	741666	1388265	36.72%	3.121%
22	12.378	3281	3298	3311	rBV3	917550	2775488	73.41%	6.239%
23	12.445	3311	3319	3337	rVB	777988	1469852	38.88%	3.304%
24	12.641	3367	3380	3394	rBV	724439	1318314	34.87%	2.963%
25	12.728	3395	3407	3427	rVV	609927	1177643	31.15%	2.647%
26	12.841	3428	3442	3469	rVB3	1530748	3780903	100.00%	8.499%
27	13.239	3553	3566	3571	rBV	624865	1135881	30.04%	2.553%
28	13.275	3572	3577	3588	rVV	843607	1353645	35.80%	3.043%
29	13.339	3588	3597	3610	rVB	513418	851597	22.52%	1.914%
30	13.519	3641	3653	3667	rBV	451118	821721	21.73%	1.847%
31	14.049	3809	3818	3829	rVB3	166121	289590	7.66%	0.651%
32	14.429	3925	3936	3959	rVB	978476	1650618	43.66%	3.710%
33	14.783	4035	4046	4067	rBV	611618	1113289	29.45%	2.502%
34	14.908	4075	4085	4101	rBV	450212	751242	19.87%	1.689%

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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	15.014	4107	4118	4143	rVB	702684	1257866	33.27%	2.827%
36	15.213	4169	4180	4191	rBV	536984	972590	25.72%	2.186%
37	16.213	4482	4491	4512	rVB	207826	418577	11.07%	0.941%

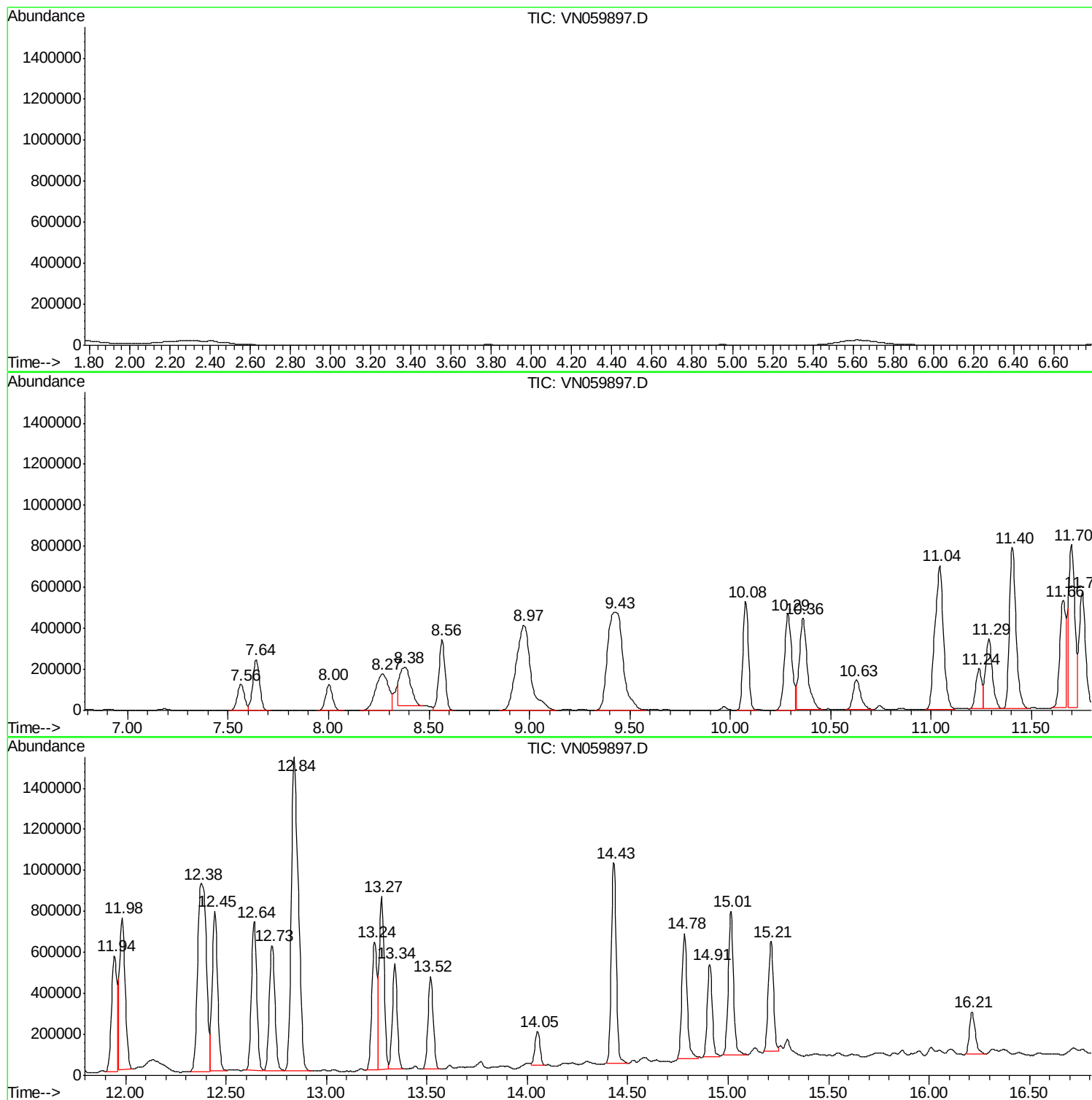
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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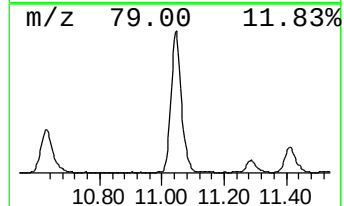
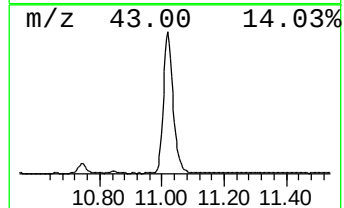
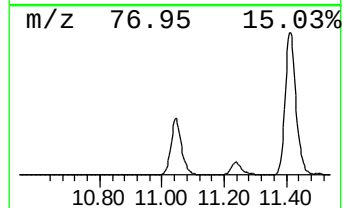
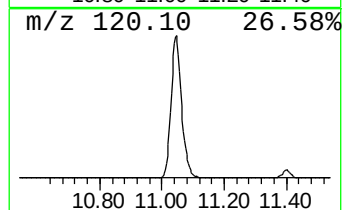
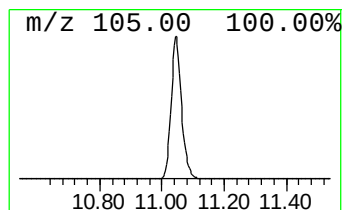
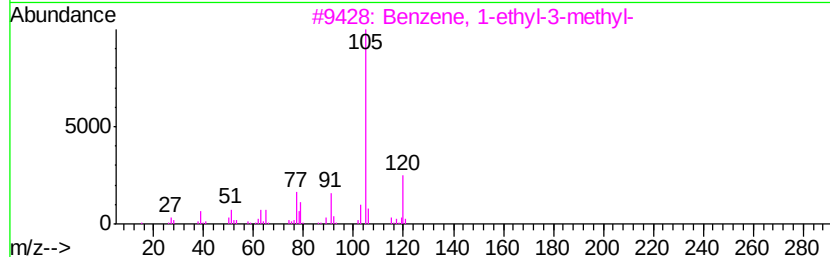
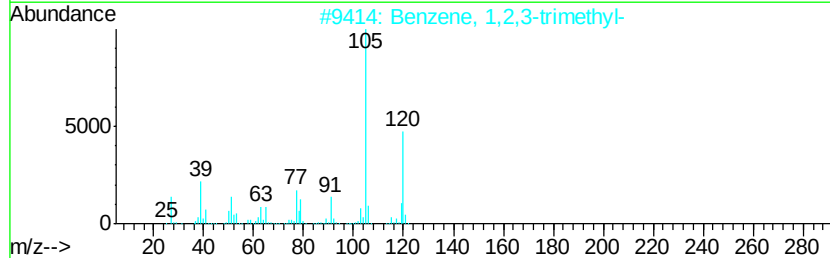
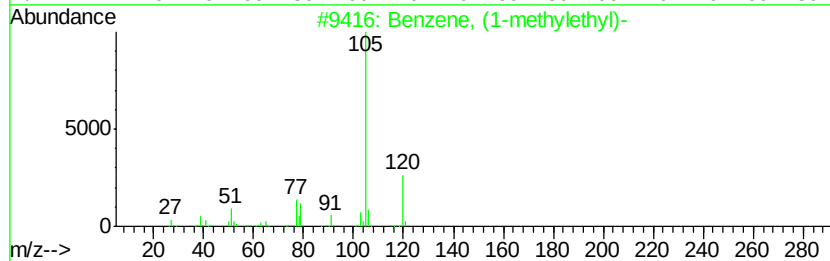
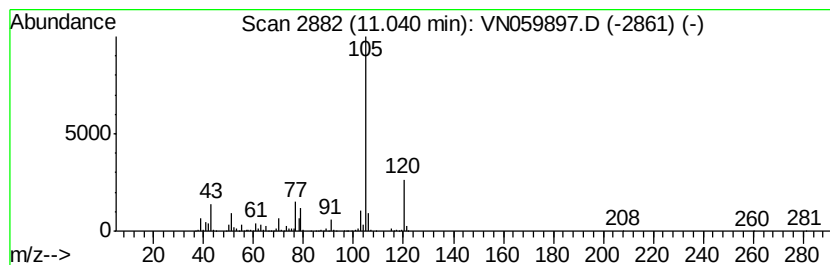
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, (1-methylethyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	57.69 ug/l	2063570	Chlorobenzene-d5	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
5		Mesitylene	120	C9H12	000108-67-8	83



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Instrument :
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ClientSampled :
IBLK

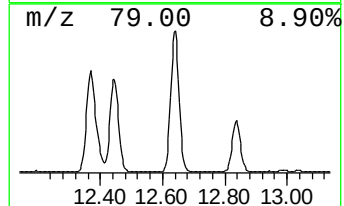
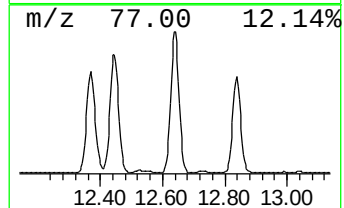
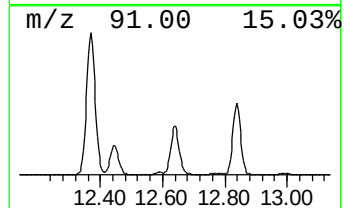
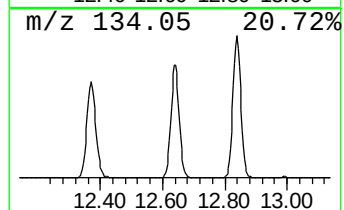
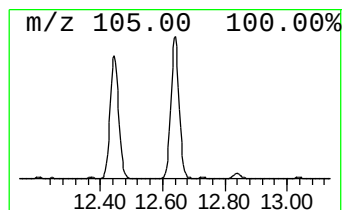
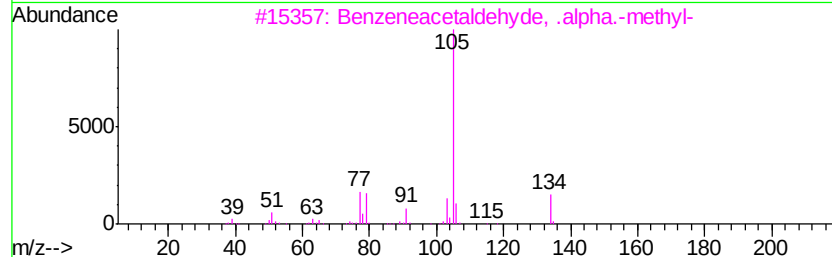
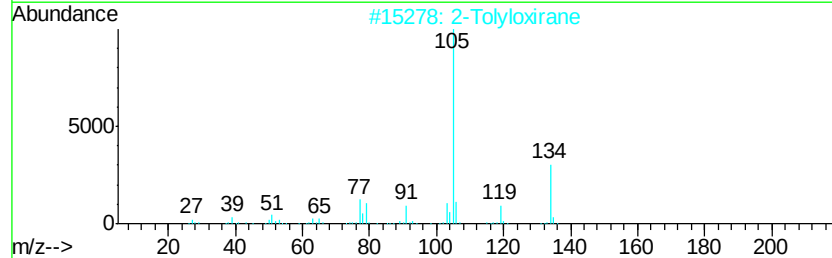
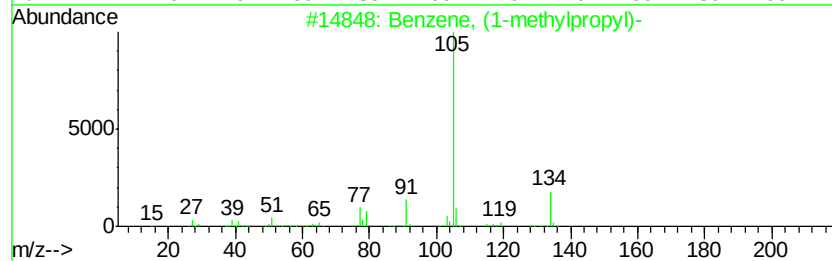
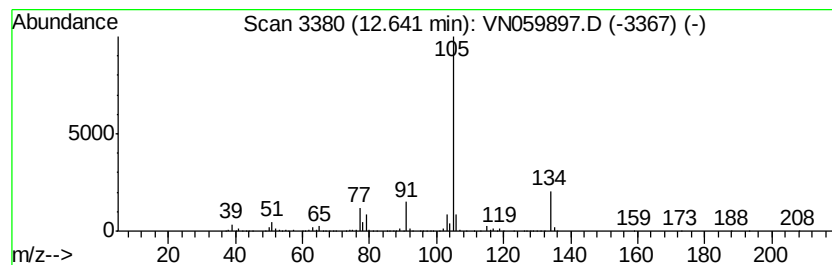
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, (1-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	77.40 ug/l	1318310	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2		2-Tolyloxirane	134	C9H10O	002783-26-8	87
3		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5		Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	87



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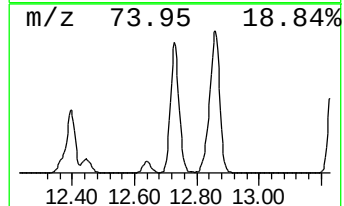
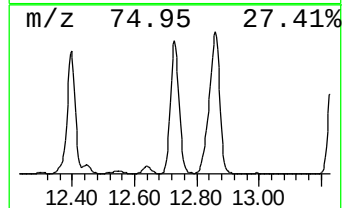
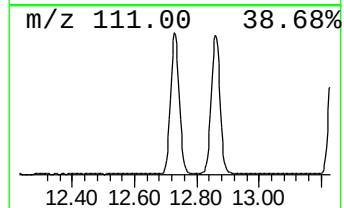
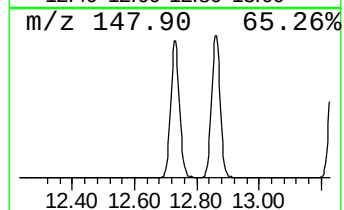
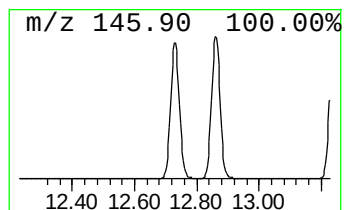
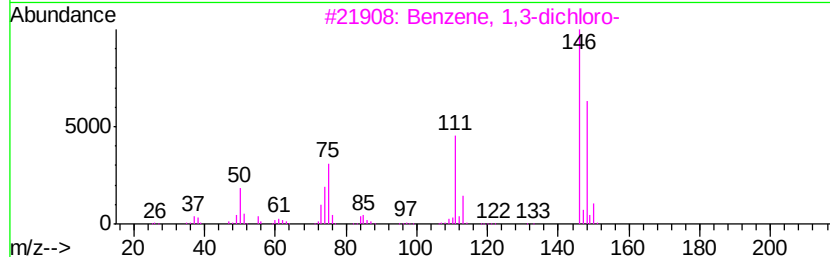
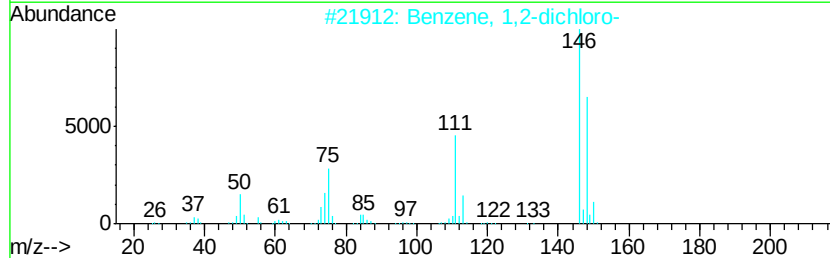
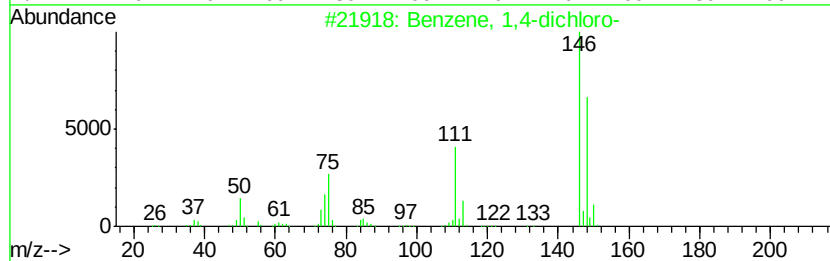
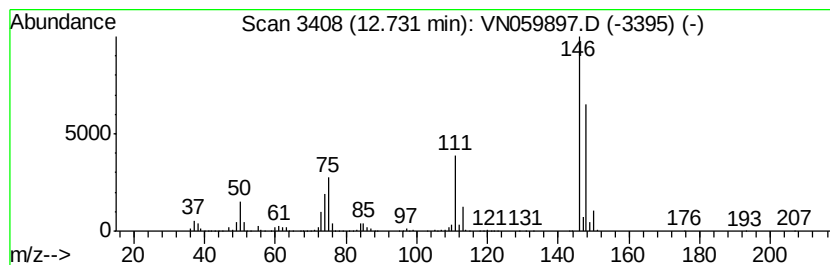
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Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	69.14 ug/l	1177640	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	98
2		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4		1H-Pyrazole, 4-bromo-	146	C3H3BrN2	002075-45-8	23
5		1,3-Dithiane, 2,2-dimethyl-	148	C6H12S2	006007-22-3	14



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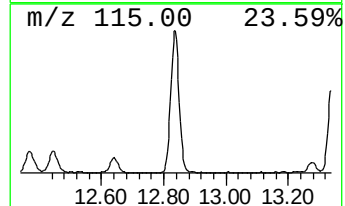
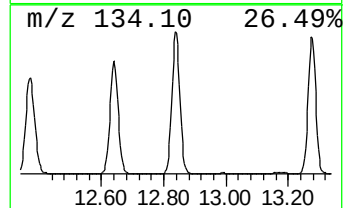
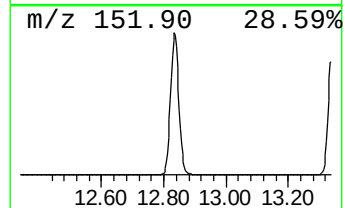
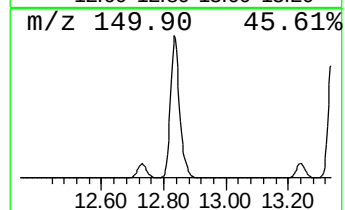
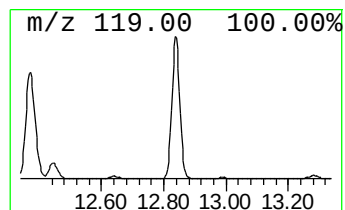
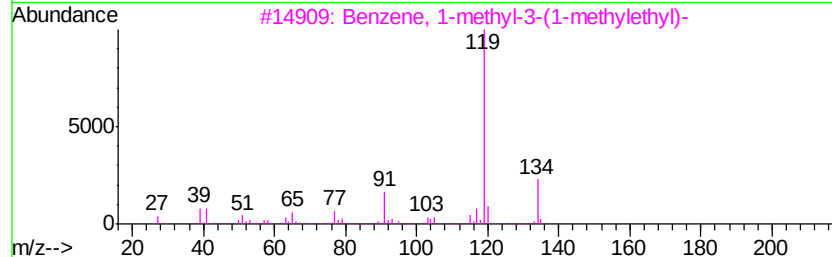
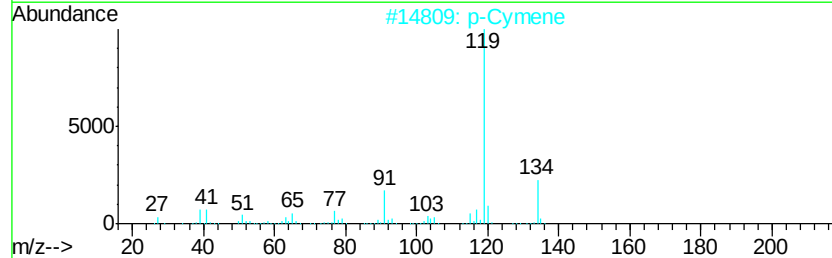
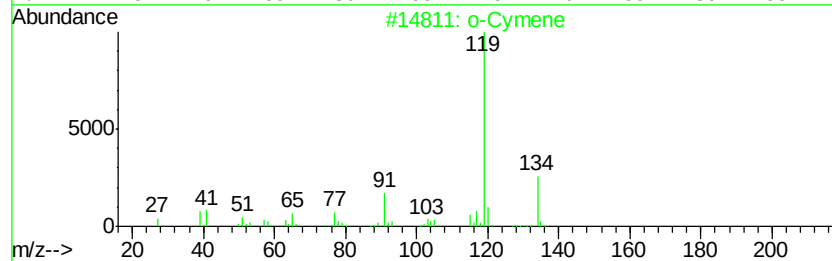
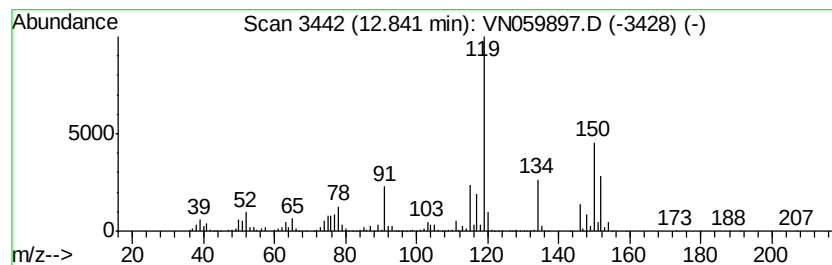
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	221.99 ug/l	3780900	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	86
2		p-Cymene	134	C10H14	000099-87-6	86
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	50
4		Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	46
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	45



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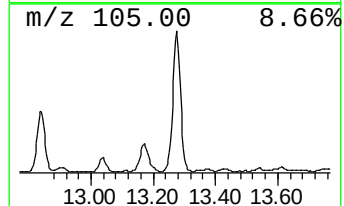
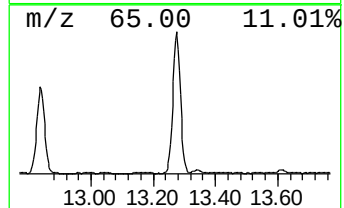
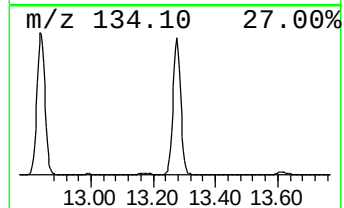
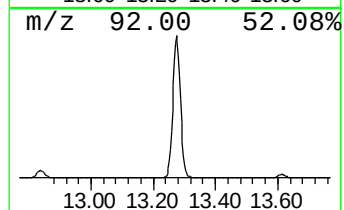
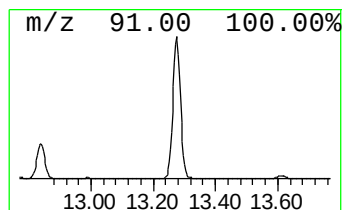
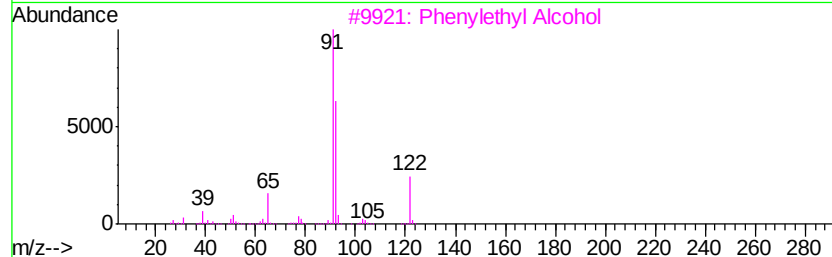
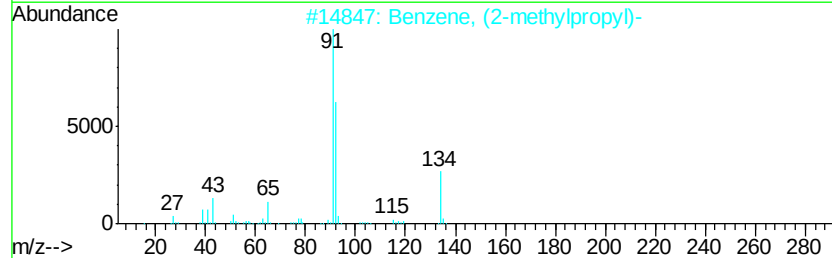
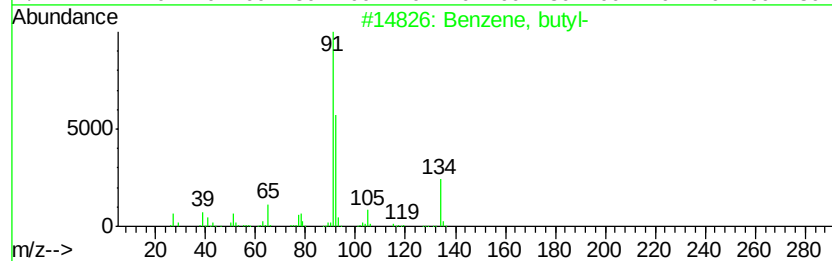
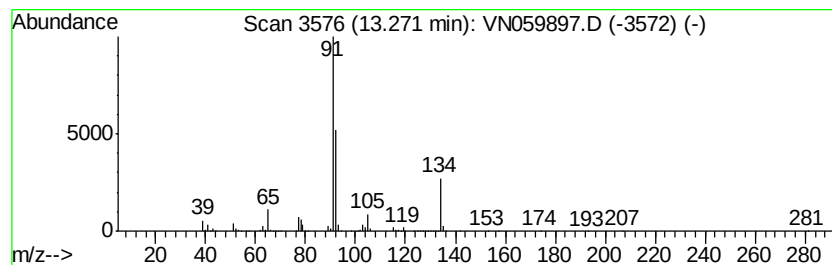
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Quant Title : SW846 8260

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

Peak Number 8 Benzene, butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	79.48 ug/l	1353650	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, butyl-	134	C10H14	000104-51-8	91
2		Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	80
3		Phenvlethyl Alcohol	122	C8H10O	000060-12-8	47
4		Toluene	92	C7H8	000108-88-3	47
5		Benzyl isopentyl ether	178	C12H18O	000122-73-6	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012820\
Data File : VN059897.D
Acq On : 28 Jan 2020 17:19
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

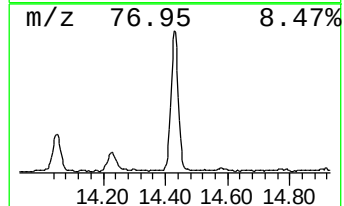
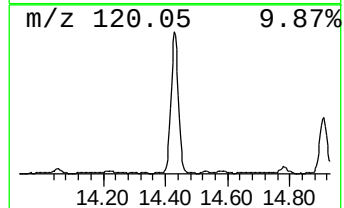
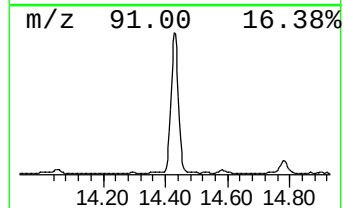
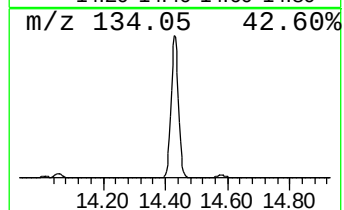
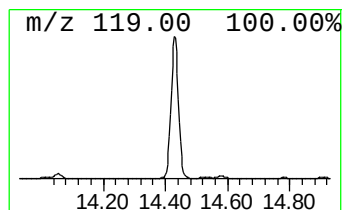
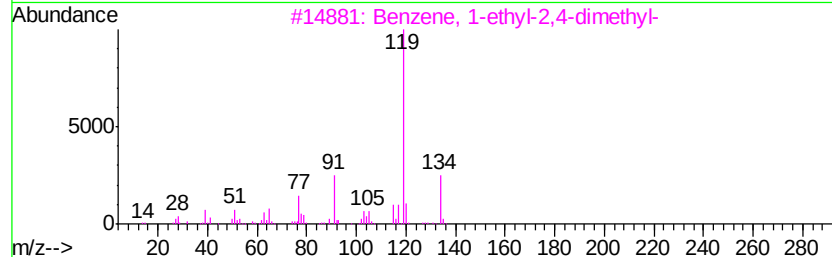
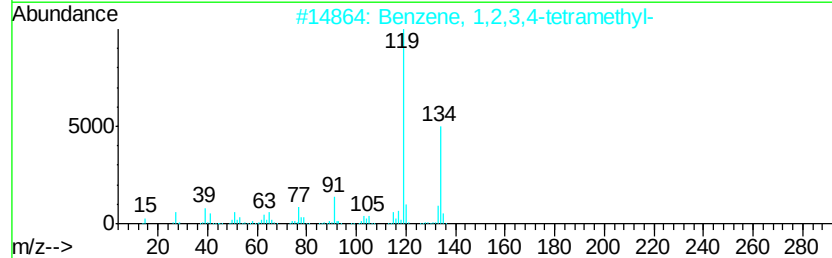
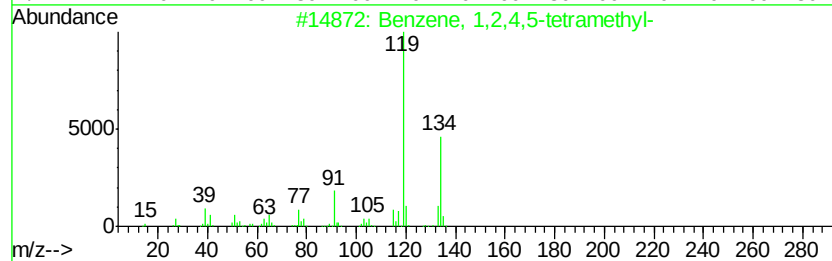
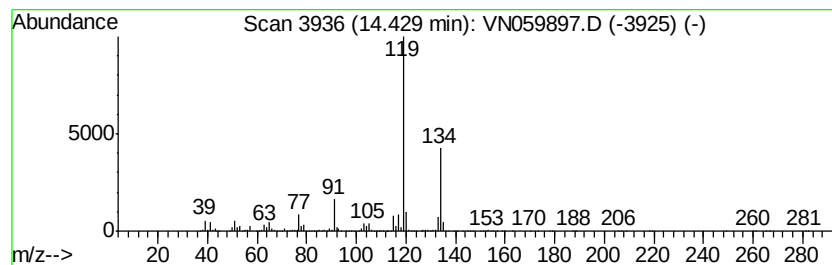
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	96.91 ug/l	1650620	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4		o-Cymene	134	C10H14	000527-84-4	95
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN012820\
Data File : VN059897.D
Acq On : 28 Jan 2020 17:19
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

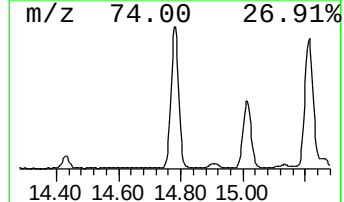
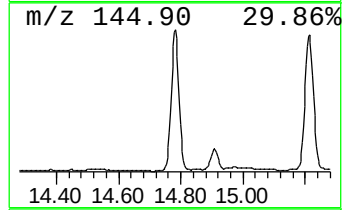
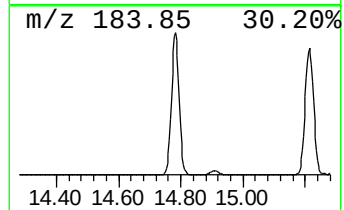
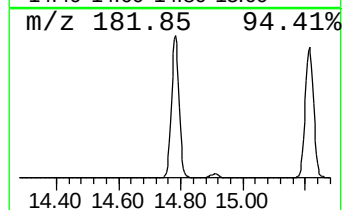
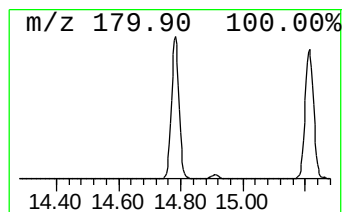
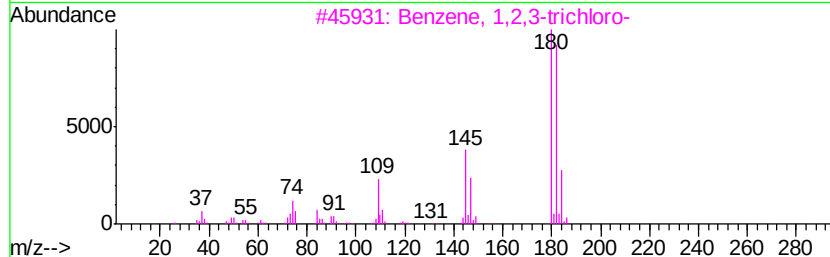
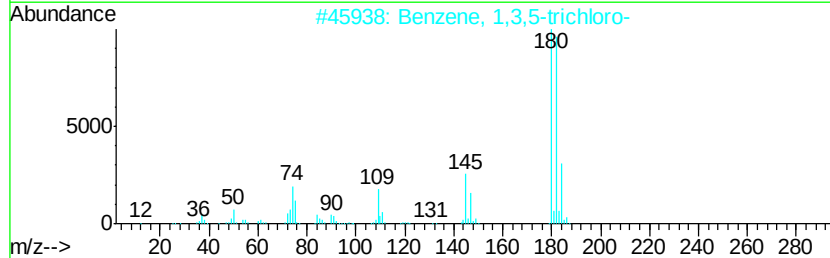
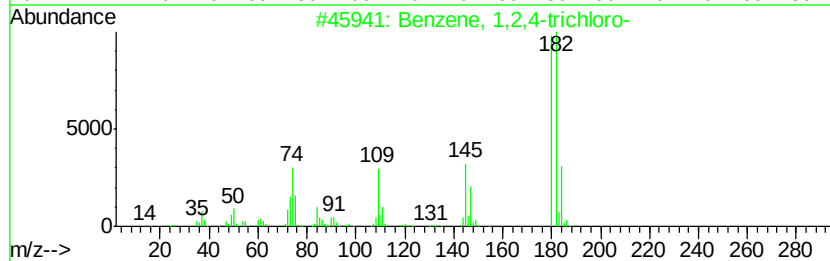
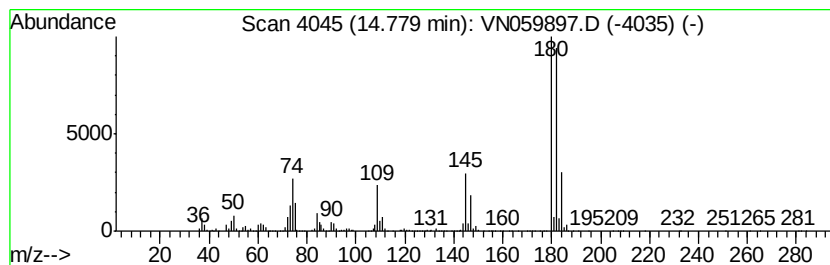
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1,2,4-trichloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	65.36 ug/l	1113290	1,4-Dichlorobenzene-d4	13.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4		Benzene, (bromoethynyl)-	180	C8H5Br	000932-87-6	52
5		2,6-Dichloro-4-fluorophenol	180	C6H3Cl2FO	000392-71-2	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012820\
Data File : VN059897.D
Acq On : 28 Jan 2020 17:19
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260

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, (1-methy...	11.04	57.7	ug/l	2063570	3	11.40	1788550	50.0
Benzene, (1-methy...	12.64	77.4	ug/l	1318310	4	13.34	851597	50.0
Benzene, 1,4-dich...	12.73	69.1	ug/l	1177640	4	13.34	851597	50.0
o-Cymene	12.84	222.0	ug/l	3780900	4	13.34	851597	50.0
Benzene, butyl-	13.27	79.5	ug/l	1353650	4	13.34	851597	50.0
Benzene, 1,2,4,5-...	14.43	96.9	ug/l	1650620	4	13.34	851597	50.0
Benzene, 1,2,4-tr...	14.78	65.4	ug/l	1113290	4	13.34	851597	50.0