

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050120.D
 Acq On : 27 Jul 2018 7:47
 Operator : MD\SY
 Sample : J4184-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3B

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\82N072418W.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	1.661	3	22	50	rBV	2149310	3450569	4.92%	0.904%
2	7.593	1849	1867	1877	rBV	603010	1519770	2.17%	0.398%
3	7.667	1878	1890	1910	rVB2	1187109	2941314	4.19%	0.770%
4	8.043	1986	2007	2033	rBV2	19475023	45796837	65.31%	11.995%
5	8.587	2160	2176	2200	rBV	1413759	2903010	4.14%	0.760%
6	9.082	2305	2330	2344	rBV2	528141	1206715	1.72%	0.316%
7	10.091	2629	2644	2654	rBV	2586310	4706719	6.71%	1.233%
8	10.159	2654	2665	2687	rVB	4579944	8412198	12.00%	2.203%
9	11.410	3039	3054	3071	rBV	1874231	3249779	4.63%	0.851%
10	11.513	3071	3086	3105	rVV2	40828283	70127380	100.00%	18.368%
11	11.625	3106	3121	3142	rVB	10895328	20002170	28.52%	5.239%
12	11.950	3199	3222	3248	rBV	13753587	22714928	32.39%	5.950%
13	12.249	3303	3315	3341	rVB	2487978	4081520	5.82%	1.069%
14	12.403	3346	3363	3378	rBV	1751343	2934537	4.18%	0.769%
15	12.593	3411	3422	3431	rVV	933853	1497251	2.14%	0.392%
16	12.657	3431	3442	3447	rVV	4511611	7330569	10.45%	1.920%
17	12.689	3448	3452	3459	rVV	3651460	4976484	7.10%	1.303%
18	12.734	3459	3466	3488	rVB	2294224	3646002	5.20%	0.955%
19	12.892	3501	3515	3534	rBV	1903202	3118002	4.45%	0.817%
20	13.040	3541	3561	3571	rBV	7173024	11811396	16.84%	3.094%
21	13.091	3571	3577	3588	rVB	775988	1215571	1.73%	0.318%
22	13.236	3610	3622	3633	rBV2	1066792	2025547	2.89%	0.531%
23	13.291	3633	3639	3646	rVV2	510380	766033	1.09%	0.201%
24	13.345	3646	3656	3660	rVV	1897755	3065815	4.37%	0.803%
25	13.374	3660	3665	3676	rVB	2739136	4259039	6.07%	1.116%
26	13.545	3696	3718	3727	rBV	5170304	9683108	13.81%	2.536%
27	13.725	3759	3774	3790	rBV2	29310733	48913855	69.75%	12.812%
28	13.992	3846	3857	3863	rBV5	375676	820902	1.17%	0.215%
29	14.252	3931	3938	3960	rVB2	344686	943315	1.35%	0.247%
30	14.477	3997	4008	4018	rBV	488803	856465	1.22%	0.224%
31	14.596	4032	4045	4054	rBV3	483069	899748	1.28%	0.236%
32	14.660	4054	4065	4078	rVV	3237534	5224512	7.45%	1.368%
33	14.741	4078	4090	4106	rVV	3204447	5447115	7.77%	1.427%
34	14.834	4108	4119	4148	rVB2	694130	1289865	1.84%	0.338%

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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 >
Peak separation: 5

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35	15.133	4182	4212	4230	rBV2	35823623	65401188	93.26%	17.130%
36	15.229	4231	4242	4271	rVB	385479	838492	1.20%	0.220%
37	16.355	4576	4592	4612	rVB	1774811	3711605	5.29%	0.972%

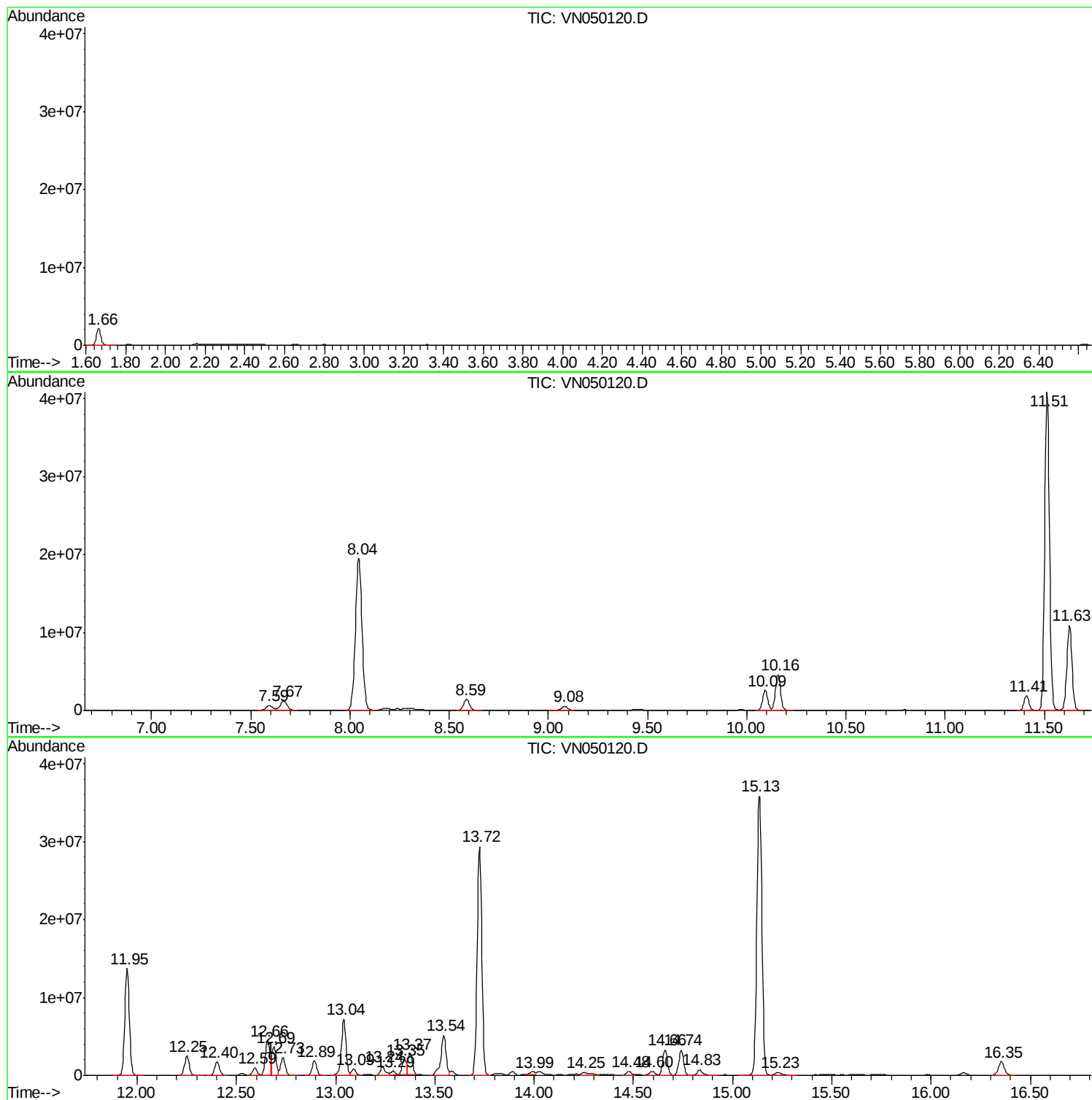
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ClientSampled :
MW-3B

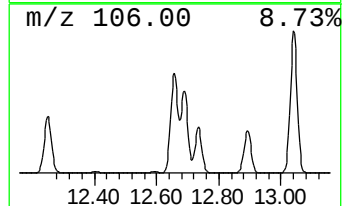
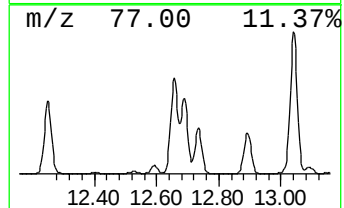
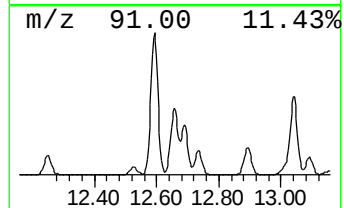
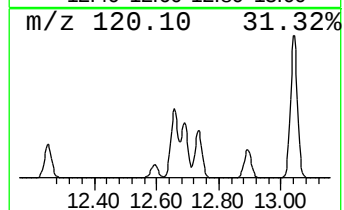
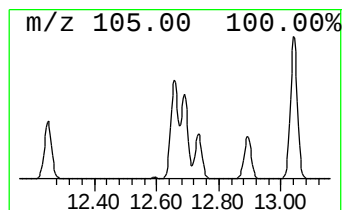
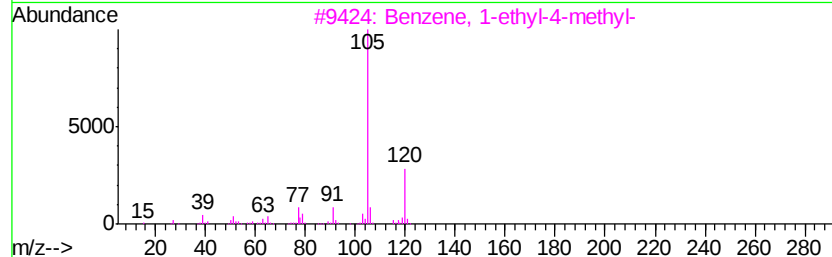
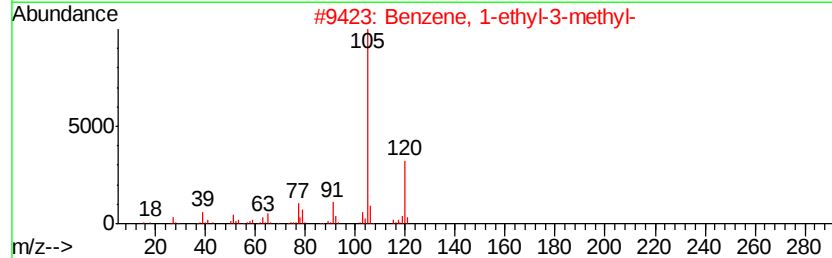
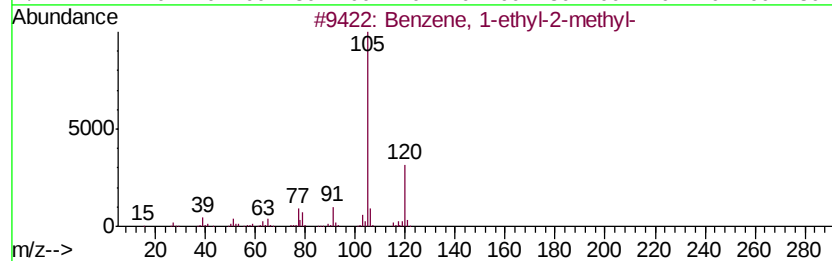
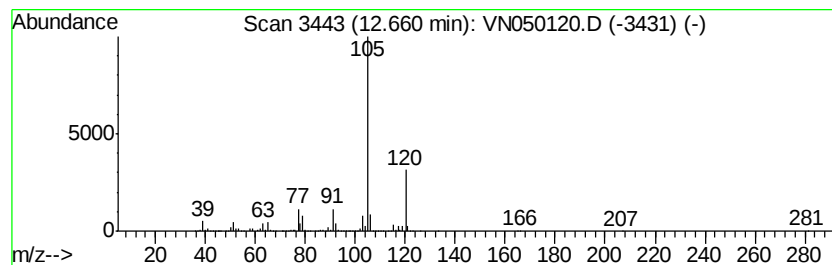
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	119.55 ug/l	7330570	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Mesitylene	120	C9H12	000108-67-8	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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ALS Vial : 51 Sample Multiplier: 1

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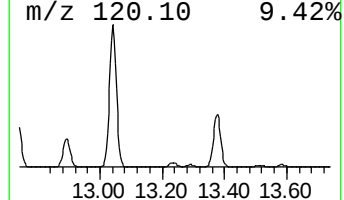
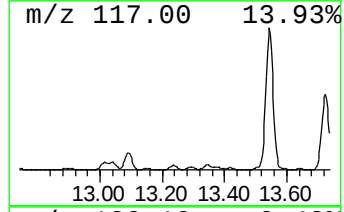
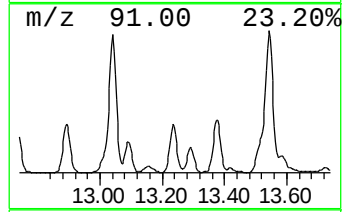
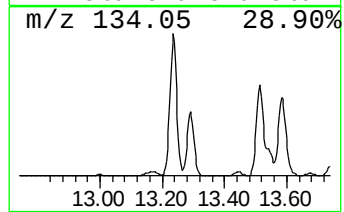
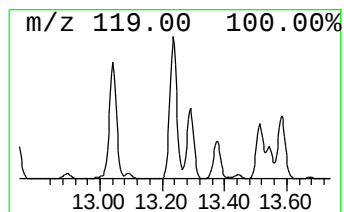
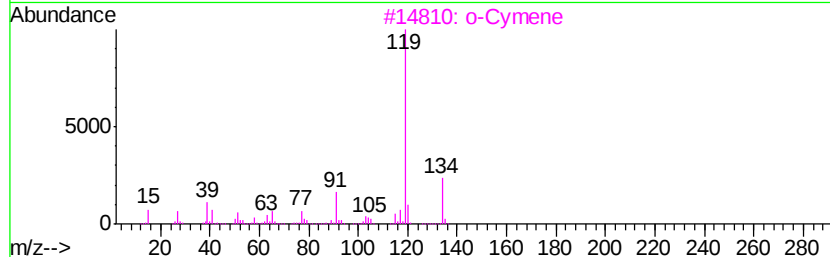
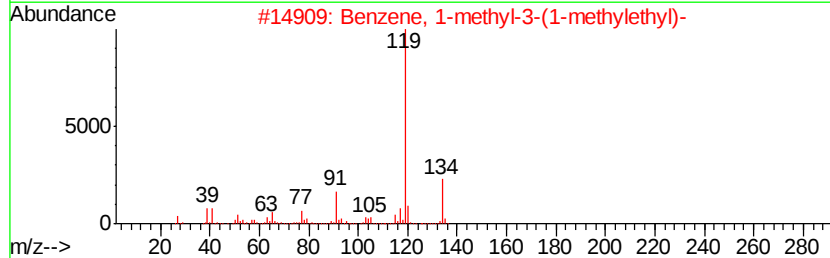
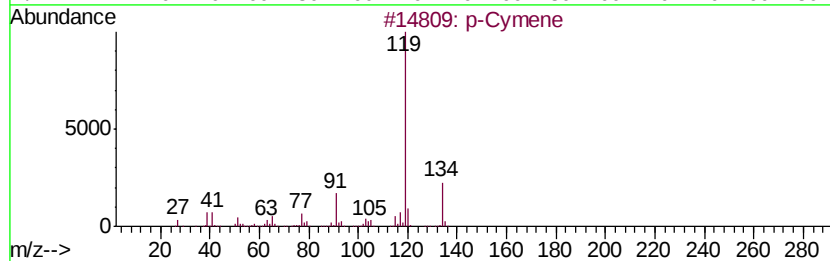
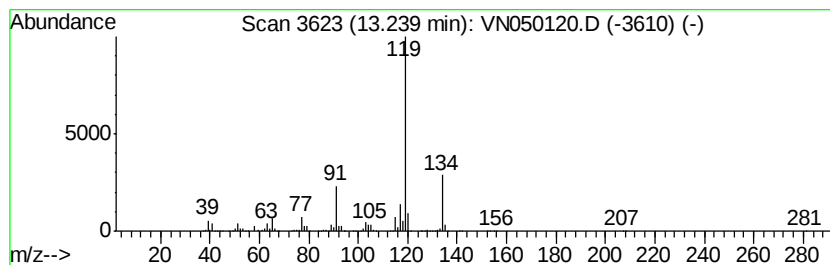
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	33.03 ug/l	2025550	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91



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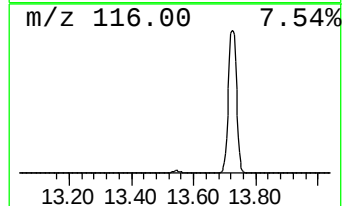
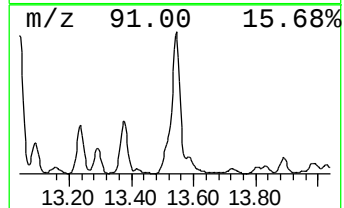
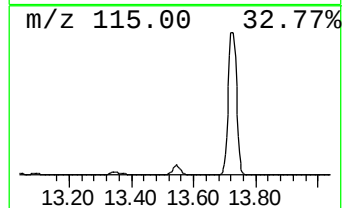
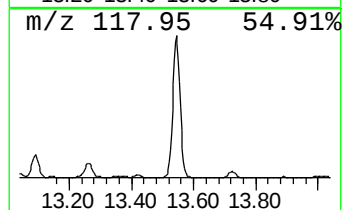
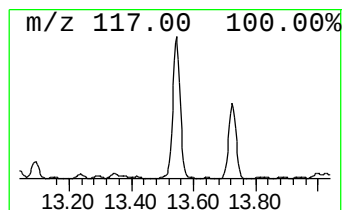
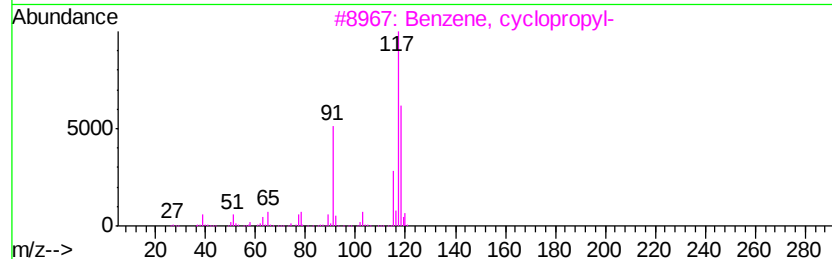
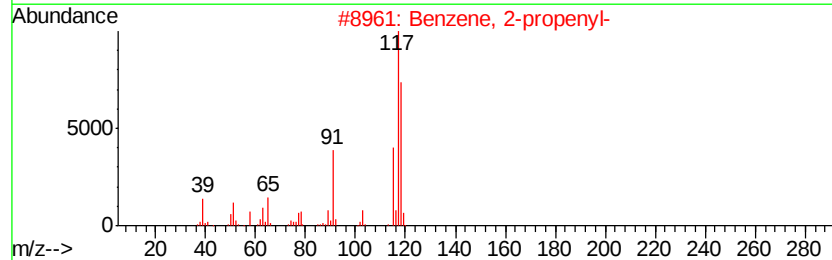
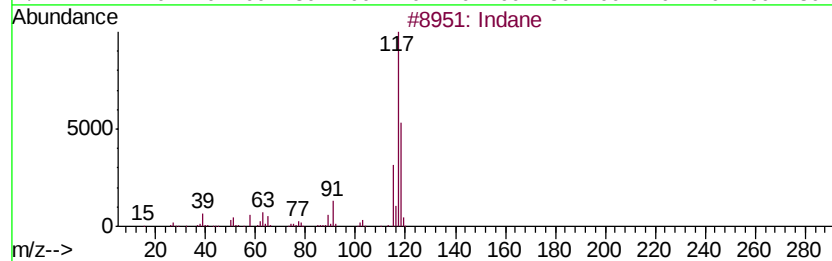
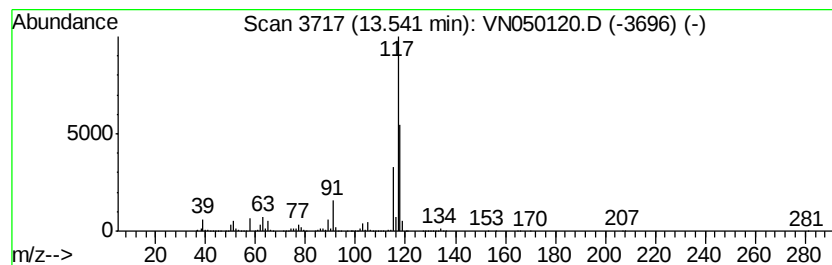
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Quant Title : SW846 8260

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

Peak Number 5 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	157.92 ug/l	9683110	1,4-Dichlorobenzene-d4	13.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-		118	C9H10	000300-57-2	83
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...		118	C9H10	1000191-13-7	80
5	Deltacyclene		118	C9H10	007785-10-6	72



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Instrument :
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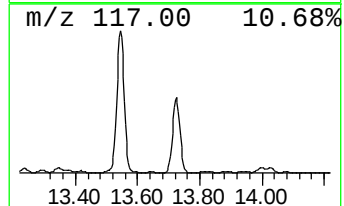
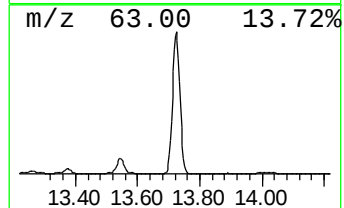
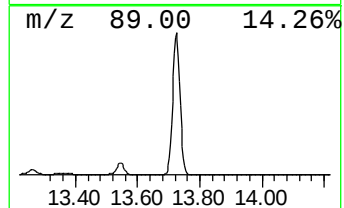
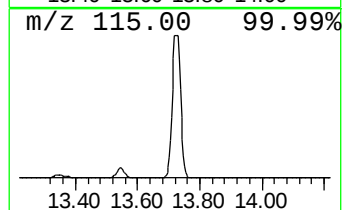
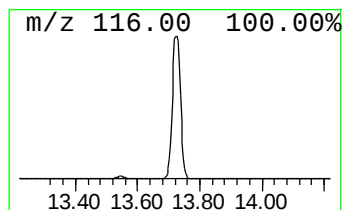
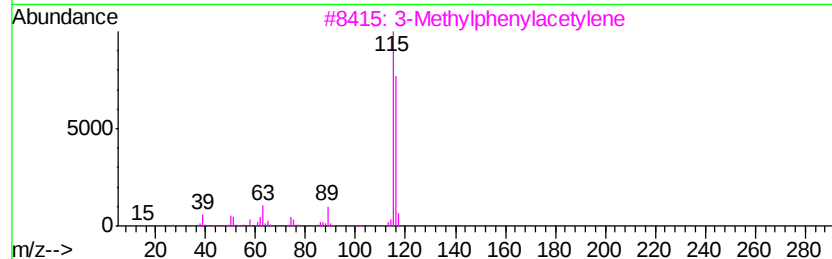
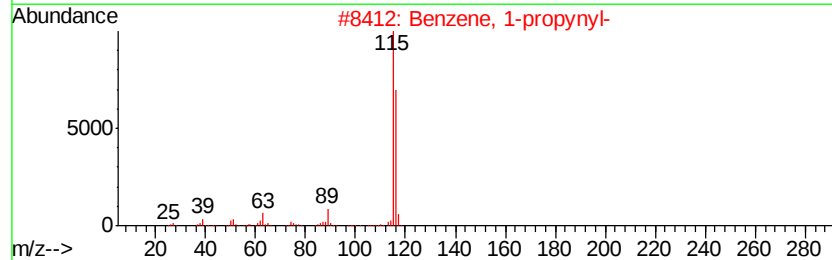
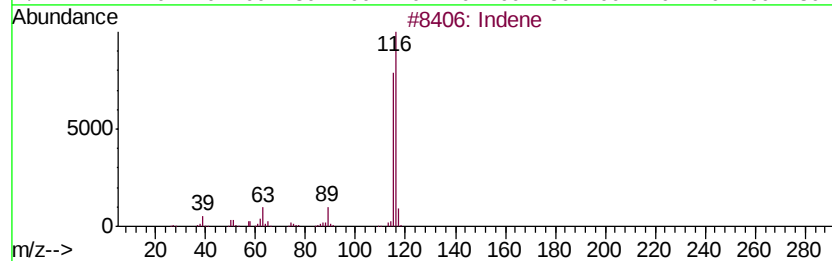
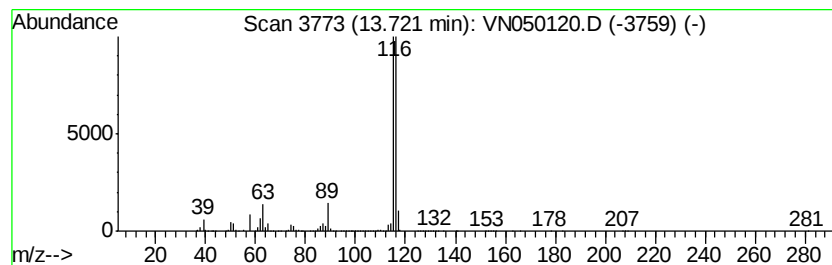
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Peak Number 6 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	797.73 ug/l	48913900	1,4-Dichlorobenzene-d4	13.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
3	3-Methylphenylacetylene		116	C9H8	000766-82-5	91
4	Benzene, 1,2-propadienyl-		116	C9H8	002327-99-3	91
5	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	91



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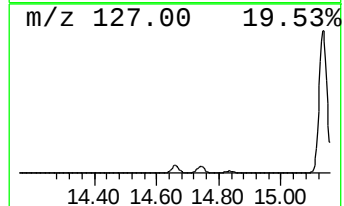
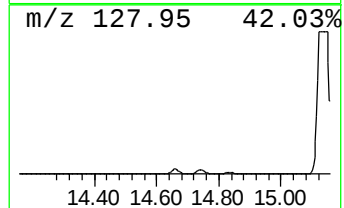
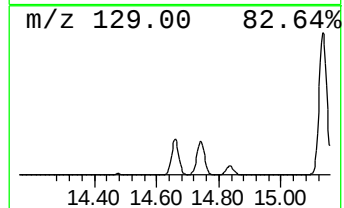
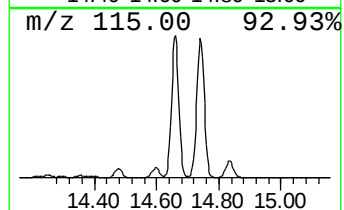
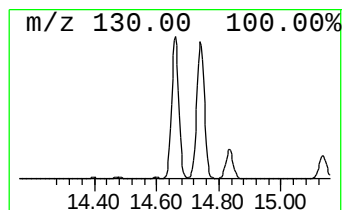
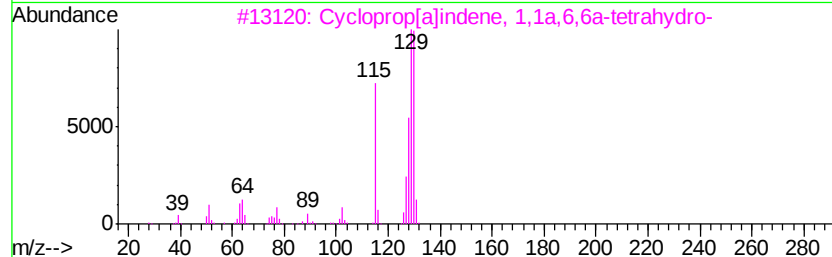
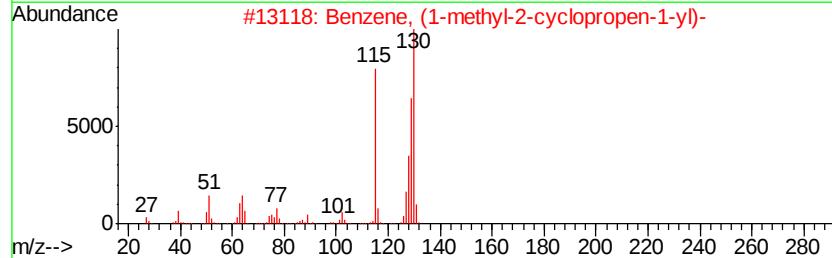
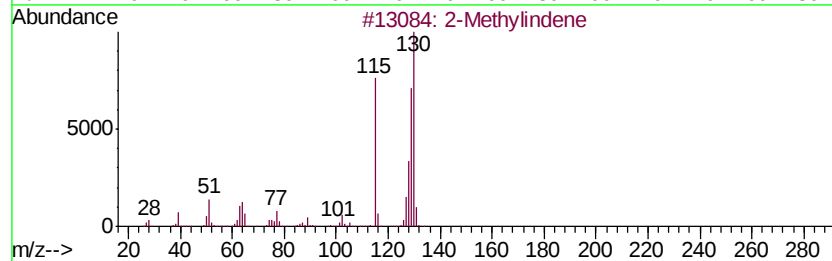
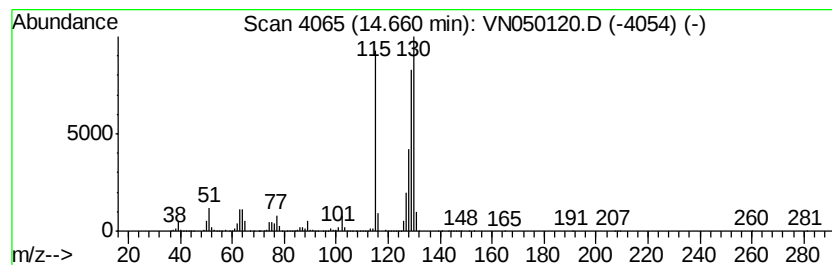
Instrument :
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TIC Integration Parameters: LSCINT.P

Peak Number 7 2-Methylindene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	85.21 ug/l	5224510	1,4-Dichlorobenzene-d4	13.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4	96
3	Cycloprop[alindene, 1,1a,6,6a-te...	130 C10H10	015677-15-3	95
4	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	94
5	Benzene, 1-butyryl-	130 C10H10	000622-76-4	94



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050120.D
Acq On : 27 Jul 2018 7:47
Operator : MD\SY
Sample : J4184-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3B

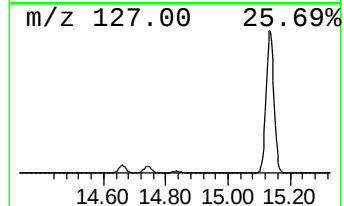
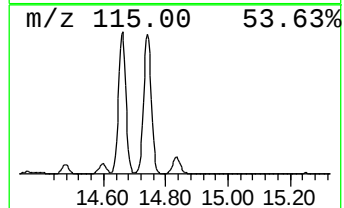
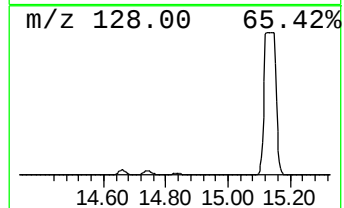
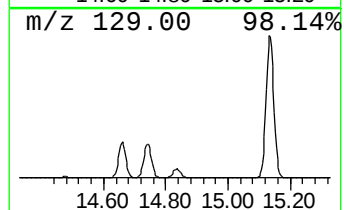
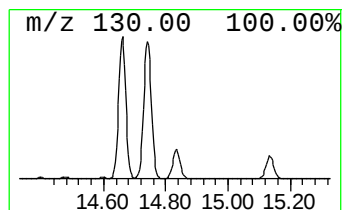
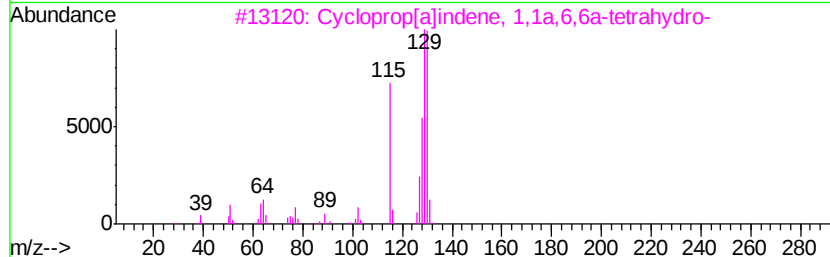
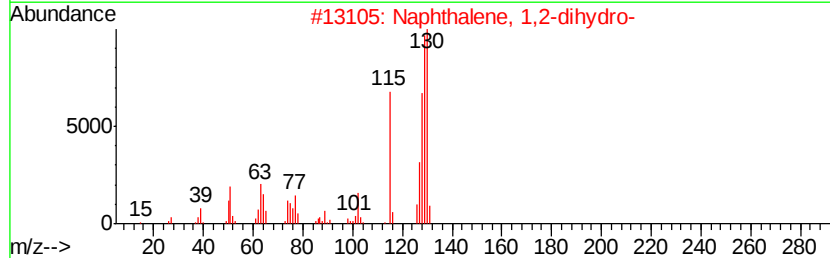
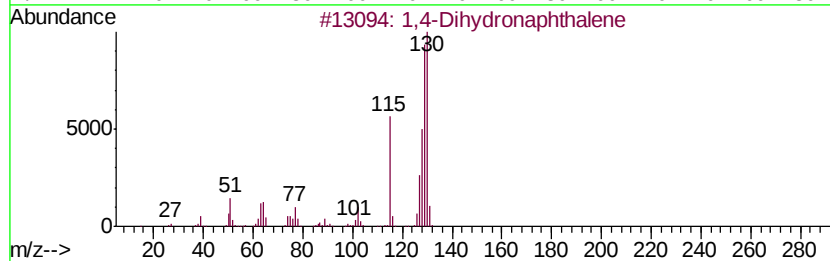
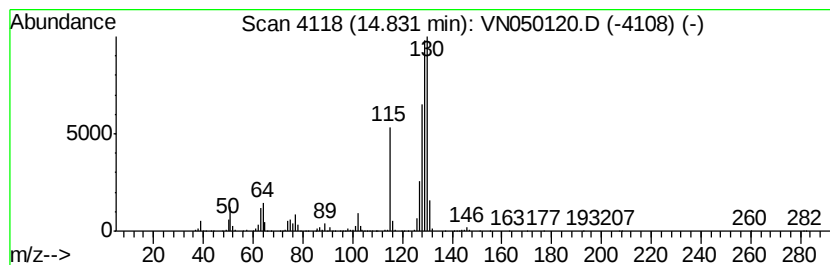
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Quant Title : SW846 8260

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

Peak Number 9 1,4-Dihydronaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	21.04 ug/l	1289870	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	96
2		Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	95
3		Cycloprop[alindene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	94
4		2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	81
5		Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050120.D
Acq On : 27 Jul 2018 7:47
Operator : MD\SY
Sample : J4184-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :
MW-3B

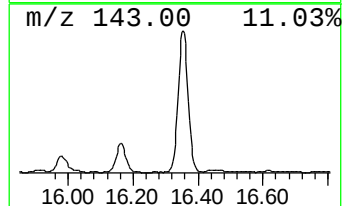
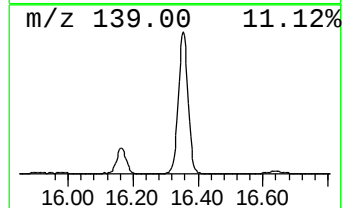
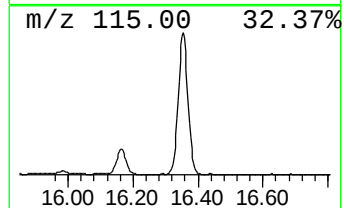
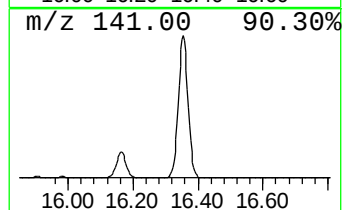
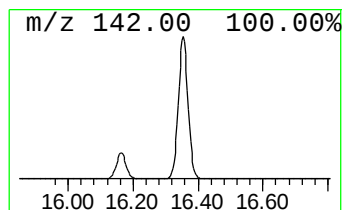
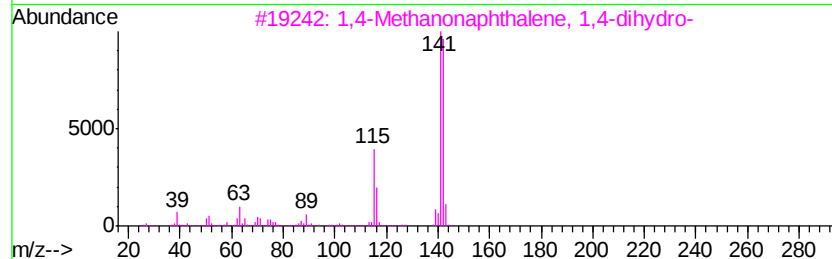
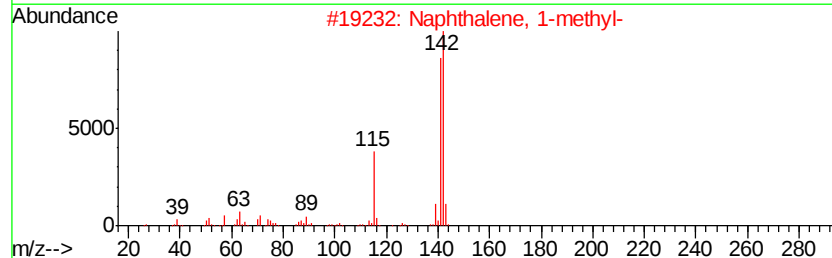
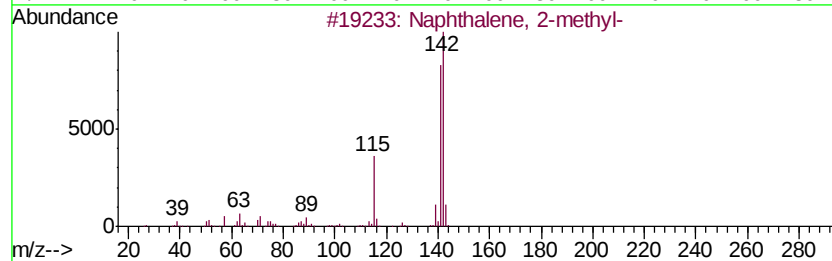
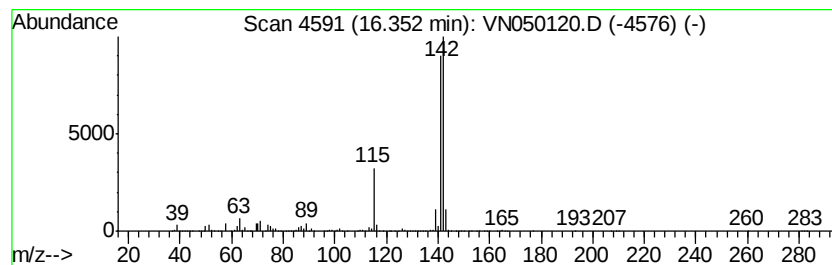
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	60.53 ug/l	3711610	1,4-Dichlorobenzene-d4	13.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072618\
Data File : VN050120.D
Acq On : 27 Jul 2018 7:47
Operator : MD\SY
Sample : J4184-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-3B

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.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-ethyl-...	12.66	119.6	ug/l	7330570	4	13.35	3065820	50.0
p-Cymene	13.24	33.0	ug/l	2025550	4	13.35	3065820	50.0
Indane	13.54	157.9	ug/l	9683110	4	13.35	3065820	50.0
Indene	13.72	797.7	ug/l	48913900	4	13.35	3065820	50.0
2-Methylindene	14.66	85.2	ug/l	5224510	4	13.35	3065820	50.0
1,4-Dihydronaphth...	14.83	21.0	ug/l	1289870	4	13.35	3065820	50.0
Naphthalene, 1-me...	16.35	60.5	ug/l	3711610	4	13.35	3065820	50.0